

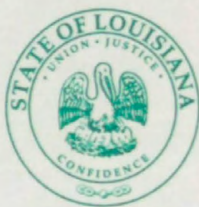
Water Resources Data Louisiana Water Year 2000

Water-Data Report LA-00-1

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Multiply	By	To obtain
<i>Length</i>		
inch (in.)	2.54×10^1	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^0	kilometer
<i>Area</i>		
acre	4.047×10^3	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi ²)	2.590×10^0	square kilometer
<i>Volume</i>		
gallon (gal)	3.785×10^0	liter
	3.785×10^0	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^3	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft ³)	2.832×10^1	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^3	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
<i>Flow</i>		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second
	2.832×10^1	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^1	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
<i>Mass</i>		
ton (short)	9.072×10^{-1}	megagram or metric ton

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Water Resources Data Louisiana Water Year 2000

By B.B. Goree, W.M. Lovelace, P.A. Montgomery, J.C. Resweber, D.C. Sasser, Jr., and
D.J. Walters

Water-Data Report LA-00-1



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2001

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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Water resources data for the 2000 water year for Louisiana consists 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 66 gaging stations; stage only for 70 gaging stations and 7 lakes; water quality for 45 surface-water stations (including 25 gaging stations) and 108 wells; and water levels for 221 observation wells. Also included are data for 204 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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CONTENTS

	Page
Preface.....	iii
Illustrations.....	vi
List of surface-water stations, in downstream order, for which records are published in this volume.....	vii
List of ground-water wells, by parish, for which records are published in this volume.....	x
List of discontinued surface-water discharge, elevation, or stage-only stations.....	xi
List of discontinued surface-quality-water stations.....	xv
Introduction.....	1
Cooperation.....	2
Summary of hydrologic conditions.....	3
Surface-water conditions.....	3
Surface-water quality.....	6
Ground-water levels.....	6
Ground-water quality.....	7
Special networks and programs.....	11
Explanation of the records.....	11
Station identification numbers.....	12
Downstream order system.....	12
Latitude and longitude system.....	12
Records of stage and water discharge.....	12
Data collection and computation.....	13
Data presentation.....	22
Identifying estimated daily discharge.....	26
Accuracy of the records.....	26
Other records available.....	26
Records of surface-water quality.....	26
Classification of records.....	26
Arrangement of records.....	27
On-site measurements and sample collection.....	27
Water temperature.....	27
Sediment.....	29
Laboratory measurements.....	29
Data presentation.....	29
Remark codes.....	30
Records of ground-water levels.....	30
Data collection and computation.....	30
Data presentation.....	31
Records of ground-water quality.....	31
Data collection and computation.....	32
Data presentation.....	32
Access to USGS water data.....	32
Definition of terms.....	39
Publications on techniques of water-resources investigations.....	49
Station records, surface water.....	55
Data collected at partial-record stations.....	478
Crest-stage partial-record stations.....	478
Flood-profile partial-record stations.....	482
Miscellaneous sites.....	492
Analyses of samples collected at water-quality miscellaneous sites.....	495
Station records, ground-water.....	496
Ground-water-level data.....	496
Ground-water-quality data.....	552
Index.....	557

ILLUSTRATIONS

	Page
Figure 1. Graphs showing comparison of discharge during the 2000 water year with mean and maximum discharge for the period of record at four representative gaging stations.....	4
2. Graphs showing:	
2a. Water levels for wells L-26, R-1056, and JD-485A	8
2b. Water levels for wells EB-90, EB-581, and Ta-343.....	9
2c. Chloride concentrations for wells W-144B, Cu-787, and EB-1150	10
3. System for numbering wells and miscellaneous sites	13
4. Map showing location of continuous gaging stations	14
5. Map showing location of stage stations in the Atchafalaya River basin	15
6. Map showing location of crest-stage stations.....	16
7. Map showing location of flood-profile stations	17
8. Map showing location of flood-profile and crest-stage stations in East Baton Rouge Parish	18
9. Map showing location of continuous stage and flood-profile stations in Ascension Parish.....	19
10. Map showing location of flood-profile stations in St. Tammany Parish.....	20
11. Map showing location of stage stations in Caddo and Bossier Parishes.	21
12. Map showing location of water-quality stations.....	28
13. Map showing location of observation wells	33
14. Map showing location of observation wells in East and West Baton Rouge Parishes	34
15. Map showing location of observation wells in shaded area of figure 14.....	35
16. Map showing location of wells for which water-quality data are included.....	36
17. Map showing location of wells for which water-quality data are included in East and West Baton Rouge Parishes	37
18. Map showing location of wells for which water-quality data are included in shaded area of figure 17.....	38

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS
ARE PUBLISHED IN THIS VOLUME

vii

	Station number	Page
<u>EASTERN GULF OF MEXICO BASIN</u>		
<u>PEARL RIVER BASIN</u>		
Pearl River near Bogalusa	02489500	55
Bogue Chitto near Tylertown, MS	02490500	57
Bogue Chitto at Franklinton	02491500	58
Bogue Chitto near Bush	02492000	59
Pearl River at Pearl River	02492600	61
Chandeleur Sound at Door Point	3003010890628	62
Mississippi Sound at Grand Pass	3007220891501	65
<u>LOWER MISSISSIPPI RIVER BASIN</u>		
Mississippi River at Tarbert Landing, MS	07295100	76
<u>RED RIVER BASIN</u>		
Red River at Index, AR	07337000	78
Red River at Spring Bank, AR	07344370	80
Red River above Shreveport	07344410	82
Cross Lake at Shreveport	07344480	86
Bayou Dorcheat (head of Loggy Bayou) near Springhill	07348700	87
Bayou Dorcheat near Minden	07349000	89
Lake Bistineau (Bayou Dorcheat) near Ringgold	07349250	90
Flat River:		
Bodcau Creek (head of Red Chute Bayou):		
Bodcau Bayou (continuation of Bodcau Creek) near Sarepta	07349500	91
Cypress Bayou Lake nr Benton	07349815	92
Red Chute Bayou at Sligo	07349860	93
Red River at Coushatta	07350500	95
Bayou Pierre:		
Wallace Bayou:		
Boggy Bayou:		
Cypress Bayou near Keithville	07351500	97
Bayou Pierre near Lake End	07351750	99
Red River at Grand Ecore	07351930	101
Saline Bayou near Lucky	07352000	103
Black Lake Bayou:		
Black Lake Bayou near Clarence	07352895	105
Nantachie Lake near Aloha	07353520	106
Kisatchie Bayou at Lotus	07354100	107
Red River at Alexandria	07355500	108
Ouachita River (head of Black River):		
Ouachita River near Arkansas-Louisiana State Line	07364100	112
Bayou Bartholomew near Jones	07364200	114
Lake Claiborne (Bayou D'Arbonne) near Aycok	07364840	116
Corney Bayou:		
Little Corney Bayou near Lillie	07366200	117
Bayou D'Arbonne Lake at Farmerville	07366300	119
Chauvin Bayou near Monroe	07366472	120
Boeuf River near Arkansas-Louisiana State Line	07367700	121
Boeuf River near Girard	07368000	123
Bayou Lafourche near Crew Lake	07369000	125
Tensas River at Tendal	07369500	127
Bayou Macon near Delhi	07370000	129
Dugdemonia River near Jonesboro	07371500	130
Black River:		
Little River near Rochelle	07372200	131
Big Creek at Pollock	07373000	133

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS
ARE PUBLISHED IN THIS VOLUME--Continued

	Station number	Page
LOWER MISSISSIPPI RIVER BASIN--Continued		
Mississippi River near St. Francisville.....	073734200	135
Reggio Canal near Willis Point.....	073745253	141
Crooked Bayou northeast of Lake Cuatro Caballo near Delacroix	073745257	147
Cow Bayou at American Bay near Pointe a la Hache.....	073745258	153
Black Bay near Snake Island near Pointe a la Hache	07374526	159
Northeast Bay Gardene near Pointe a la Hache	07374527	165
North California Bay near Pointe a la Hache.....	07374528	171
MISSISSIPPI RIVER DELTA		
Bayou Bonfouca at West Hall Road as Slidell.....	07374577	177
Tchefuncta River near Folsom	07375000	178
Tchefuncta River near Covington	07375050	180
Bogue Falaya near Camp Covington	07375105	190
Bogue Falaya at Boston Street at Covington	07375175	191
Tangipahoa River near Kentwood	07375300	192
Big Creek east of Tangipahoa.....	07375422	193
Tangipahoa River at Amite	07375430	194
Tangipahoa River at Robert	07375500	195
Tickfaw River at Liverpool	07375800	197
Tickfaw River at Holden	07376000	198
Natalbany River at Amite	07376420	200
Natalbany River at Baptist.....	07376500	201
Amite River near Darlington.....	07377000	203
Comite River near Olive Branch.....	07377500	205
White Bayou southeast of Zachary.....	07377782	207
Comite River near Comite	07378000	209
Amite River near Denham Springs	07378500	211
Alligator Bayou near Kleinpeter.....	07378745	213
Bayou Manchac at Alligator Bayou near Kleinpeter.....	07378746	214
Dawson Creek at Bluebonnet Boulevard near Baton Rouge	07379960	215
Bayou Manchac near Little Prairie	07380101	234
Amite River at Port Vincent.....	07380120	235
Henderson Bayou near Port Vincent.....	07380126	237
Amite River at French Settlement.....	07380200	238
Amite River at State Highway 22 near Maurepas.....	07380215	239
Panama Canal at State Highway 44 near Gonzales	073802220	240
Bayou Conway near Sorrento	073802225	241
Grand Goudine Bayou at State Highway 934 near Gonzales	0738022295	243
Black Bayou at State Highway 621 near Prairieville.....	0738022395	244
Black Bayou East of Gonzales.....	073802245	245
Bayou Francois at Highway 61 near Gonzales	073802273	246
New River Canal near Sorrento	073802282	247
Lake Pontchartrain at Lincoln Beach near Little Woods	0738023325	249
Bayou Rigolets near Slidell	0738023365	259
Barataria Bay north of Grand Isle	07380251	265
Hackberry Bay northwest of Grand Isle	073802512	271
Barataria Bay Pass east of Grand Isle	073802515	277
Little Lake near Cutoff.....	07380335	283
Tennessee Canal near Cutoff.....	07380340	289
Bayou Lafourche SW of Donaldsonville	07380401	295
Bayou Lafourche at Thibodaux	07381000	296
Grand Bayou Tributary west of Galliano.....	07381314	297
Bayou Grand Caillou at Dulac	07381324	299
Bayou Lacarpe near Crozier	07381326	301
Houma Navigation Canal at Dulac	07381328	310
Bayou Terrebonne at Bush Canal, south of Chavin.....	07381338	316
Caillou Lake (Sister Lake) southwest of Dulac	07381349	322
Bayou Grosse Tete at Rosedale.....	07381440	328
Bayou Boeuf at Railroad Bridge at Amelia.....	073814675	335
Atchafalaya River (continuation of Red River):		
Old River outflow channel (Knox Landing) south of Black Hawk	310355091411500	345
Atchafalaya River at Simmesport	07381490	347

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS
ARE PUBLISHED IN THIS VOLUME--Continued

	Station number	Page
LOWER MISSISSIPPI RIVER BASIN--Continued		
MISSISSIPPI RIVER DELTA--Continued		
Atchafalaya River at Melville	07381495	349
Atchafalaya River at Butte La Rose	07381515	355
Bayou Eugene 10.1 miles northeast of Loreauville	0738153841	356
Bayou Gravenburg 11.7 miles east of Loreauville	0738153844	357
Chicot Pass near Myette Point	073815450	358
Buffalo Cove at Round Island near Charenton	07381567	359
Wax Lake Outlet at Calumet	07381590	360
Lower Atchafalaya River at Morgan City	07381600	363
Bayou Penchant south of Morgan City	073816503	366
Gulf Intracoastal Waterway at Cypremort	07381695	368
Bayou Courtableau (head of Bayou Teche):		
Bayou Cocodrie near Clearwater	07382000	370
Bayou Courtableau at Washington	07382500	372
West Protection Levee borrow pit channel:		
Bayou des Glaisses diversion channel at Moreauville	07383500	374
Bayou Rouge:		
State Canal near Krotz Springs	07384400	376
Bayou Teche at Arnaudville	07385500	377
Bayou Teche at Keystone Lock and Dam, near St. Martinville	07385700	379
Bayou Teche near Jeanerette	07385765	381
Bayou Carencro (head of Vermilion River):		
Bayou Fusilier at Weir, at Arnaudville	07386200	383
Bayou Vermilion near Carencro	07386600	385
Ruth Canal near Ruth	07386700	386
Vermilion River near Lafayette	07386850	388
Vermilion River at Surrey Street, at Lafayette	07386880	389
Vermilion River at Hwy. 733 near Lafayette	07386940	391
Vermilion River at Perry	07386980	392
Vermilion Bay near Cypremort Point	07387040	394
Lake Fausse Point Cut near Little Gonsolin Bayou near Charenton	91360000	400
MERMENTAU RIVER BASIN		
Bayou des Cannes (head of Mermentau River):		
Bayou des Cannes near Eunice	08010000	401
Bayou Nezpieque near Basile	08012000	408
Mermentau River at Mermentau	08012150	410
Bayou Lacassine near Lake Arthur	08012470	418
WESTERN GULF OF MEXICO BASINS		
CALCASIEU RIVER BASIN		
Calcasieu River near Glenmora	08013000	425
Calcasieu River near Oberlin	08013500	427
Whisky Chitto Creek near Oberlin	08014500	429
Calcasieu River near Kinder	08015500	436
Calcasieu River at I-10 at Lake Charles	08017044	438
North Calcasieu Lake near Hackberry	08017095	444
Calcasieu River at Cameron	08017118	450
SABINE RIVER BASIN		
Sabine River:		
Sabine River near Beckville, TX	08022040	456
Sabine River at Logansport	08022500	458
Bayou Grand Cane near Stanley	08023080	459
Bayou San Patricio near Benson	08023400	461
Toledo Bend Reservoir near Burkeville, TX	08025350	463
Sabine River at Toledo Bend Reservoir, near Burkeville, TX	08025360	464
Bayou Toro near Toro,	08025500	465
Sabine River near Burkeville, TX	08026000	467
Bayou Anacoco near Rosepine	08028000	469
Bayou Anacoco near Knight	08028200	471
Sabine River near Bon Weir, TX	08028500	474
Sabine River near Ruliff, TX	08030500	476

GROUND-WATER WELLS, BY PARISH, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

	Page
Acadia	496
Allen	496
Ascension	497
Avoyelles	497
Beauregard	498
Bienville	498
Bossier	499
Calcasieu	499
Caldwell	501
Cameron	501
Catahoula	503
Claiborne	503
Concordia	503
Desoto	504
East Baton Rouge	504
East Carroll	517
East Feliciana	517
Evangeline	518
Franklin	518
Grant	519
Iberia	519
Iberville	519
Jackson	519
Jefferson	520
Jefferson Davis	521
Lafayette	521
La Salle	522
Lincoln	522
Livingston	522
Madison	523
Morehouse	524
Natchitoches	526
Orleans	526
Ouachita	527
Pointe Coupee	529
Rapides	531
Red River	532
Richland	532
Sabine	534
St. Helena	534
St. James	535
St. John the Baptist	535
St. Landry	536
St. Martin	536
St. Mary	537
St. Tammany	537
Tangipahoa	538
Tensas	540
Union	540
Vermilion	541
Vernon	542
Washington	544
Webster	544
West Baton Rouge	545
West Carroll	548
West Feliciana	549
Winn	550

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

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

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

DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE ONLY STATIONS

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

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
Horsepen Creek near Provencal, LA	(d)	07354500	5.27	1949-68
Kisatchie Bayou at Cypress, LA	(s)	07354700	360	1944-49
Iatt Lake near Colfax, LA	(s)	07355300	238	1958-59
Hemphill Creek near Hot Wells, LA	(d)	07355000	18.0	1948-64
Dyer Creek near Hot Wells, LA	(d)	07355005	5.22	1955-64
Larto Lake at Dam, near Acme, LA	(s)	07355650	291	1968-76
	(e)		291	1076-90
Ouachita River at Alabama Landing, near Haile, LA	(s)	07364103	1,107	1958-80
Chemin-a-haut Bayou near Beekman, LA	(d)	07364300	271	1955-79
Chemin-a-haut Bayou east of Beekman, LA	(s)	07364320	--	1968-79
Bayou Bartholomew near Beekman, LA	(d)	07364500	1,645	1928-31
	(d)		1,645	1938-59
	(s)		1,645	1959-80
Bayou De Loutre near Laran, LA	(d)	07364700	141	1955-77
Bayou D'Arbonne near Hico, LA	(d)	07364890	254	1980-87
Bayou D'Arbonne near Dubach, LA	(d)	07365000	355	1940-69
Middle Fork Bayou D'Arbonne near Bernice, LA	(d)	07365500	178	1940-57
	(d)		178	1967-70
Corney Bayou near Lillie, LA	(d)	07366000	462	1940-57
Bayou Desiard at Monroe, LA	(s)	07366500	--	1939-59
Cheniere Lake near Bawcomville, LA	(d)	07367500	147	1943-45
Ouachita River at Columbia, LA	(s)	07367640	15,700	1975-81
Boeuf River near Chickasaw, LA	(s)	07367704	787	1959-69
Big Colewa Bayou near Oak Grove, LA	(d)	07368500	42	1949-77
Big Colewa Bayou near Pioneer, LA	(e)	07368505	--	1954-77
Turkey Creek at State Highway 15, at Winnsboro, LA	(s)	**07369205	28.8	1975-80
Lake Providence north of Lake Providence, LA	(e)	07369370	18.7	1967-77
	(d)		18.7	1984-86
Brushy Bayou at Tallulah, LA	(e)	**07369455	--	1974-80
Lower Roundaway Bayou Tributary near Tallulah, LA	(e)	**07369457	--	1974-81
Panola Bayou at Tallulah, LA	(e)	**07369468	--	1977-82
Lake St. Joseph near Newellton, LA	(e)	07369647	23.2	1959-61
	(e)		23.2	1977-87
Lake Bruin at Lake Bruin State Park, near 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 at Baton Rouge, LA	(s)	07374000	1,125,810	1940-58
Mississippi River near New Orleans, LA	(s)	07374500	1,125,900	1934-58
California Bay near Sunrise Point near Nairn, LA	(s)	07374529	--	1992-93
Canal W-14 at Roberts Road, at Slidell, LA	(s)	07374570	--	1985-88

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
Canal W-14 at Daney Street, at Slidell, LA	(s)	07374572	--	1985-87
Canal W-14 at Kingspoint Boulevard, at Slidell, LA	(s)	07374573	--	1985-87
Tickfaw River at Liverpool, LA	(d)	*07375800	89.7	1956-68
	(d)		89.7	1979-81
Little Sandy Creek near Greenwell Springs, LA	(d)	07377240	28.2	1974-85
White Bayou East Diversion Channel near Baton Rouge, LA	(d)	**07377755	--	1972-84
White Bayou East Diversion Channel near Baker, LA	(d)	**07377842	--	1972-84
Beaver Bayou at Hooper Road, near Baton Rouge, LA	(s)	**07378083	--	1982-96
Amite River at 4-H Camp, near Denham Springs, LA	(s)	07378510	1,290	1945-77
Jones Creek at Monterrey Boulevard, at Baton Rouge, LA	(d)	07378597	--	1985-86
Bayou Braud near St. Gabriel, LA	(s)	07378740	--	1965-70
Elbow Bayou at Baton Rouge, LA	(s)	07378788	--	1980-83
Elbow Bayou Tributary at Baton Rouge, LA	(s)	07378790	--	1966-76
	(s)		--	1980-83
Elbow Bayou near Baton Rouge, LA	(s)	07378792	--	1980-83
Ward Creek at Government Street, at Baton Rouge, LA	(d)	**07379000	4.10	1954-67
Bayou Duplantier at City Park Lake, at Baton Rouge, LA	(d)	07379500	.81	1933-39
	(s)		.81	1940-41
Corporation Canal at Oklahoma Street, at Baton Rouge, LA	(e)	**07379502	.56	1970-80
Corporation Canal at Campus Drive, at Baton Rouge, LA	(e)	07379507	1.64	1970-85
Ward Creek at Siegen Lane, near Baton Rouge, LA	(d)	**07380000	40.0	1946-54
Bayou Manchac At Hope Villa, LA	(s)	07380100	138	1945-58
Amite River at Port Vincent, LA	(s)	07380120	1,596	1945-84
Black Bayou near Duplessis, LA	(d)	07380224	3.66	1964-70
Black Bayou near Gonzales, LA	(s)	07380225	8.93	1964-70
New River at Acy, LA	(s)	07380228	--	1976-86
Bayou Labranch at Fall Canal near Kenner, LA	(s)	073802311	--	1992-93
Pipeline Canal at Labanch Wetland near Kenner, LA	(s)	073802312	--	1992-93
BS4-1 Whites Ditch near Naomi, LA	(s)	073802357	--	1992-93
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
Houma Navigation Canal at Dulac, LA	(s)	07381328	--	1976-77
Mill Creek near Dulac (Inside), LA	(s)	07381329	--	1993-97
Mill Creek near Dulac (Outside), LA	(s)		--	1993-97
Atchafalaya River at Krotz Springs, LA	(d)	07381500	--	1934-63
	(s)		--	1964-68
Pipeline Canal 13.7 miles northeast of Loreauville, LA	(s)	0738153842	--	1993-97
Si-Bon Canal 9.3 miles northeast of Loreauville, LA	(s)	0738153843	--	1993-95
Milepoint Bayou 8.0 miles north of Loreauville, LA	(s)	073815668	--	1993-95
Elliot Jones Canal near Greenwood, LA	(e)	07381655	--	1974-77
Spring Creek near Melder, LA	(s)	07381768	--	1972-76
Spring Creek near Glenmora, LA	(d)	07381800	68.3	1956-87
Cocodrie Lake near Clearwater, LA	(s)	07381950	240	1959-80
Bayou Cocodrie near Lone Pine, LA	(s)	07382025	--	1945-84
Long Branch at Castor Plunge, near Alexandria, LA	(s)	07382238	10.7	1968-76
Chatlin Lake Canal near Lecompte, LA	(d)	07383000	75.9	1942-53
	(s)		75.9	1953-58

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

	Type of data	Station number	Drainage area (mi ²)	Period of record
West Protection Levee Barrow Pit Channel near Plaucheville, LA	(d)	07384000	321	1944-57
Bayou Courtableau at Weir, near Krotz Springs, LA	(d)	07385000	--	1953-58
Bayou Teche at Franklin, LA	(d)	07385800	--	1984-92
Bayou Carencro near Sunset, LA	(d)	07386000	37.1	1942-61
Bayou Fusilier at State Highway 93, near Arnaudville, LA	(s)	07386202	--	1960-74
Bayou Bourbeau at Shuteston, LA	(d)	07386500	19.0	1942-70
Vermilion River near Carencro, LA	(s)	07386600	--	1948-67
Bayou des Cannes at State Highway 755, near Eunice, LA	(s)	08010010	140	1941-83
Long Point Gully near Crowley, LA	(d)	08010300	25.7	1949-59
	(s)		25.7	1959-67
Bayou Wikoff near Rayne, LA	(s)	08010500	51.3	1967-71
Bayou Plaquemine Brule near Crowley, LA	(d)	08011000	254	1942-47
	(s)		254	1975-79
Bayou Plaquemine Brule near Ebenezer, LA	(s)	08011005	--	1947-51
Bayou Plaquemine Brule at Estherwood, LA	(s)	08011020	--	1947-49
Boggy Bayou near Pine Prairie, LA	(d)	08011500	51.3	1948-51
	(d)		51.3	1965-79
Bayou Nezpique at Mamou Pumping Plant, near Basile, LA	(s)	08012020	542	1945-85
Bayou Queue de Tortue near Indian Bayou	(d)	08012285	--	1991-95
Bayou Queue de Tortue Southwest of Lyons Point, LA	(s)	08012295	158	1976-79
Bayou Queue de Tortue at Riceville, LA	(s)	08012300	--	1942-51
	(d)		--	1985-99
Mermentau River at Lake Arthur, LA	(s)	08012400	--	1984-94
Bayou Lacassine at Intercoastal Waterway, LA	(s)	08012500	--	1954-58
Sixmile Creek near Sugartown, LA	(d)	08014000	171	1956-65
Tenmile Creek near Elizabeth, LA	(d)	08014200	94.2	1949-65
Bundick Creek near De Ridder, LA	(d)	08014800	120	1956-79
Bundick Creek near Dry Creek, LA	(d)	08015000	238	1939-70
English Bayou near Lake Charles, LA	(s)	08016000	--	1954-69
Beckwith Creek near Dequincy, LA	(d)	08016400	148	1945-84
Hickory Branch at Kernan, LA	(d)	08016600	82.2	1945-57
Bayou Choupique near Sulphur, LA	(s)	08017007	--	1984-85
Bayou Castor near Funston, LA	(d)	08022765	91.5	1971-87
Bayou Castor near Logansport, LA	(d)	08023000	96.5	1955-71
	(s)		96.5	1971-85
Bayou San Patricio near Noble, LA	(d)	08023500	154	1951-67
Bayou San Miguel near Zwolle, LA	(d)	08024000	111	1948-67
Blackwell Creek at Many, LA	(d)	08024060	3.16	1959-68
Bayou La Nana near Zwolle, LA	(d)	08024200	130	1955-67
Bayou Anacoco near Leesville, LA	(d)	08027500	115	1948-64
Anacoco Lake near Leesville, LA	(s)	08027700	207	1958-68
Bayou Anacoco near Knight, LA	(d)	08028200	425	1969-73
Hoosier Creek near Merryville, LA	(d)	08028700	13.1	1955-81
Pipeline Canal 7.8 mi north of Charenton, LA		091294300	--	1996-97
Pipeline Canal near Crossing Cove 11.4 miles west of Pigeon, LA	(s)	091300000	--	1993-95
Grand Lake 4.0 miles north northeast of Charenton, LA	(s)	091303000	--	1993-97
Grand Lake 4.1 miles north of Charenton, LA	(s)	091303000	--	1994-97
Atchafalaya River Main Channel 11.3 miles east of Catahoula, LA	(s)	091312700	--	1994-97
Pipeline Canal near Bayou Crook Chene 13.0 miles northeast of Loreauville, LA	(s)	091324000	--	1993-97
Bayou Eugene Overbank area 14.6 miles north northwest of Charenton, LA	(s)	091325300	--	1994-97
Florida Gas Pipeline 10.3 miles northeast of Loreauville, LA	(s)	091343800	--	1993-97

DISCONTINUED SURFACE-QUALITY-WATER STATIONS

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

DISCONTINUED SURFACE-QUALITY-WATER STATIONS

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

Drainage area: A (drainage area not determined); B (approximately); C (22,240 mi² is noncontributing); D (5,936 mi² above Denison Dam is noncontributing); E (because of interchanging flow between basins, the limits of drainage are more or less arbitrarily determined); F (drainage area indeterminate).

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

DISCONTINUED SURFACE-QUALITY-WATER STATIONS--Continued

Station name	Station number	Drainage area (mi ²)	Type of record	Period of record (water years)
Boeuf River near Arkansas-Louisiana State Line	07367700	E785	S.C., Temp.	1968-69
Boeuf River near Girard, LA	07368000	E1,226	S.C., Temp.	1968-69
Bayou Lafourche near Crew Lake, LA	07369000	E361	S.C.	1968-72
		E361	Temp.	1968-71
Boeuf River near Fort Necessity, LA	07369150	E2,542	S.C., Temp.	1978-81
Tensas River at Tendal, LA	07369500	E309	S.C.	1968, 1971-72, 1975-82
		E309	Temp.	1968, 1975-82
Bayou Macon near Kilbourne, LA	07369700	E504	S.C.	1968-69
		E504	Temp.	1968
Dugdemonia River near Winnfield, LA	07372000	654	D.O.	1969-70
Little River near Rochelle, LA	07372200	1,899	S.C.	1966-85
		1,899	Temp.	1980-85
Big Creek at Pollock, LA	07373000	B51	Temp.	1965-72, 1974-77
Black River at Jonesville, LA	07373267	(F)	Temp.	1959-67
		(F)	S.C.	1965-67
Mississippi River near St. Francisville, LA	07373420	1,125,300	Temp.	1955-72, 1975-86, 1988
		1,125,300	S.C.	1965-70, 1972, 1975-88
		1,125,300	Cl	1970, 1975-88
		1,125,300	Sulfate	1970, 1975-88
Mississippi River below St. Francisville, LA	07373423	E1,243,000	pH	1970-71
		E1,243,000	Temp., D.O.	1970-74
		E1,243,000	S.C.	1971-74
Mississippi River at Luling, LA	07374400	E1,125,800	Temp.	1958-72, 1978-88
		E1,125,800	S.C.	1965-72, 1975, 1977-88
		E1,125,800	Cl	1975, 1977-88
		E1,125,800	Sulfate	1975, 1977-88
Mississippi River at New Orleans, LA	07374508	E1,125,900	S.C., D.O.	1969-88
		E1,125,900	Temp.	1971-88
		E1,125,900	pH	1977-88
Mississippi River at Belle Chasse, LA	07374525	E1,125,930	S.C.	1975-88
		E1,125,930	Temp.	1976-88
		E1,125,930	Cl	1975-84, 1986-88
		E1,125,930	Sulfate	1976-78
California Bay near Sunrise Point near Nairn, LA	07374529	(F)	S.C., Temp.	1992-93
Mississippi River at Venice, LA	07374550	(A)	Cl	1975
Tchefuncta River near Covington, LA	07375050	145	S.C., Temp.	1978-82
Tangipahoa River at Robert, LA	07375500	646	S.C., Temp.	1980-82
Tangipahoa River at Lee Landing, LA	07375660	(A)	Temp.	1964
Comite River near Comite, LA	07378000	284	Temp.	1945
Amite River near Denham Springs, LA	07378500	1,280	S.C., Temp.	1968
Amite River, at 4H Camp, near Denham Springs, LA	07378510	1,290	S.C., Temp.	1973-81
Si-Bon Canal 9.3 miles northeast of Loreauville, LA	0738153843	(A)	S.C., Temp., D.O., pH	1993-95
Pass Manchac at Manchac, LA	07380230	3,204	Cl	1975-84
		3,204	Temp.	1977-84
Bayou Labranch at Fall Canal near Kenner, LA	073802311	(F)	S.C., Temp.	1992-93
Pipeline Canal at Labranch Wetland near Kenner, LA	073802312	(F)	S.C., Temp.	1992-93
BS4-1 Whites Ditch near Naomi, LA	073802357	(F)	S.C., Temp.	1992-93
Lareussite Canal near Naomi, LA	073802376	(F)	S.C., Temp.	1992-93

DISCONTINUED SURFACE-QUALITY-WATER STATIONS--Continued

Station name	Station number	Drainage area (mi ²)	Type of record	Period of record (water years)
Bayou Grand (BA4-1) near West Pointe-a-la-Hache, LA	07380252	(F)	S.C., Temp.	1992-93
Bayou Lafourche at Valentine, LA	07381200	(F)	S.C.	1971-74
Bayou Lafourche, above Intracoastal Waterway, near Larose, LA	07381225	(A)	S.C.	1976-78
Bayou Lafourche at Golden Meadow, LA	07381300	(F)	Cl	1975-84
		(F)	Temp.	1977-78, 1981-84
Bayou Lafourche at Leeville, LA	07381310	(F)	Cl	1975-77
		(F)	Temp.	1977
Bayou Jean Lacroix at Montegut, LA	07381316	(F)	S.C., Temp.	1994-97
Bayou Terrebonne at Houma, LA	07381320	(F)	Cl	1975-80
Bayou DuLarge at Theriot, LA	07381323	(F)	S.C., Temp.	1995-97
Houma Navigation Canal at Houma, LA	07381325	(F)	S.C.	1978-81
		(F)	Temp.	1978, 1981
Houma Navigation Canal at Dulac, LA	07381328	(A)	S.C., Temp.	1974-75
			D.O.	
Mill Creek near Dulac, LA	07381329	(F)	S.C., Temp.	1993-97
Company Canal at Lockport, LA	07381350	(F)	S.C.	1979-85
		(F)	Temp.	1981-85
Lower Grand River at Bayou Sorrel, LA	07381450	(F)	S.C., Temp.	1980-82
Atchafalaya River at Melville, LA	07381495	93,316	S.C., Temp.	1979-81
Atchafalaya River at Krotz Springs, LA	07381500	(F)	Temp.	1953-55
		(F)	S.C.	1967, 1969-71
Bayou Cocodrie near Clearwater, LA	07382000	240	Temp.	1953-54
Bayou Teche at Keystone Lock, near St. Martinville, LA	07385700	(F)	S.C., Temp.	1975-81
Bayou Teche near Olivier, LA	07385750	(F)	Temp., D.O.	1974-80
		(F)	S.C.	1976-80
		(F)	pH	1977-80
Bayou Bourbeau at Shuteston, LA	07386500	(A)	Cl, Temp., S.C.	1968
Vermilion River, at State Highway 3073, near Lafayette, LA	07386935	(F)	S.C., Temp., D.O.	1971-81
		(F)	pH	1976-81
Vermilion River at Perry, LA	07386980	(F)	S.C.	1966-78
Vermilion River at Bancker Ferry, near Abbeville, LA	07387000	(F)	Temp.	1949-62
		(F)	S.C., Cl	1951-62
Mermentau River at Mermentau, LA	08012150	1,381	S.C., Temp.	1980-82
Mermentau River at Lake Arthur, LA	08012400	(F)	S.C.	1951-58, 1960-69
		(F)	Cl	1951-58, 1960-65, 1967-69
		(F)	Temp.	1959-69
Calcasieu River near Oberlin, LA	08013500	753	S.C., Temp.	1976-77, 1979
		753	pH, D.O.	1976-77
Calcasieu River near Kinder, LA	08015500	1,700	S.C., Temp.	1979-82
Calcasieu River near Lake Charles, LA	08015900	2,310	S.C., Temp.	1975-78
Bayou Castor near Logansport, LA	08023000	96.5	Sed.	1983-84
Bayou San Patricio near Benson, LA	08023400	80.2	Sed.	1981-85
Bayou Anacoco near Rosepine, LA	*08028000	365	S.C., CO	1971-72
Bayou Anacoco near Knight, LA	08028200	425	S.C., Temp., CO	1970-71
Pipeline Canal near Crossing Cove 11.4 miles west of Pigeon, LA	091300000	(A)	S.C., Temp., D.O., pH	1993-95
Red Eye Swamp 11.0 miles northeast of Loreauville, LA	091323200	(F)	S.C., Temp., pH, DO	1996-99

DISCONTINUED SURFACE-QUALITY-WATER STATIONS--Continued

Station name	Station number	Drainage area (mi ²)	Type of record	Period of record (water years)
Overbank Area 14.6 miles north northwest of Charenton Lake, LA	091325300	(F)	S.C., Temp., D.O., pH	1994-97
Bayou Crook Chene above Bayou Eugene near Loreauville, LA	091344700	--	S.C., Temp., D.O., pH	1994-97
Bayou Grand Caillou at Dulac, LA	292258090425500	(F)	Cl	1975-84
		(F)	Temp.	1978-84
Freshwater Canal near Forked Island, LA	293316092182000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Vermilion Bay, at Cypremort Point, near Louisa, LA	294110091533000	(F)	Cl	1975-76, 1978-79, 1981-82
		(F)	Temp.	1978-79, 1981-82
Schooner Bayou near Forked Island, West	294528092154800	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Schooner Bayou near Forked Island, East	294528092154801	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway, at Vermilion Lock East, near Intracoastal City, LA	294700092114000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway, at Vermilion Lock West, near Intracoastal City, LA	294705092115300	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Mermentau River, south of Control Structure, near Grand Chenier, LA	295146092510100	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Mermentau River, north of Control Structure, near Grand Chenier, LA	295148092510100	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Intracoastal Waterway at Gibbstown, LA	295600093053000	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Chef Menteur Pass at Chef Menteur, LA	300404089482500	(F)	Cl	1975-81
		(F)	Temp.	1977-81
Lake Pontchartrain, at New Orleans, LA, at Little Woods, LA	300434089564000	(F)	Cl	1975-78
		(F)	Temp.	1977-78
Intracoastal Waterway at Calcasieu Lock	300514093172800	(F)	Cl	1975-82
		(F)	Temp.	1977-82
Rigolets near Lake Pontchartrain, near Slidell, LA	301002089441300	(F)	Cl	1975-84
		(F)	Temp.	1977-84
Lake Pontchartrain, near North Shore, near Slidell, LA	301108089503600	(F)	Cl	1975-84
		(F)	Temp.	1977-84
Calcasieu River and Pass near Lake Charles, LA	301305093151200	(F)	Cl	1975-81
		(F)	Temp.	1977-81
Calcasieu River, at mile 36.0, at Lake Charles, LA	301425093145000	(F)	Temp., Cl	1982
Calcasieu River, east of barrier, at Lake Charles, LA	301513093130500	(F)	Cl	1975, 1977-82
		(F)	Temp.	1977-82
Calcasieu River, west of barrier, at Lake Charles, LA	301513093130600	(F)	Cl	1975, 1977-82
		(F)	Temp.	1977-82

WATER RESOURCES DATA - LOUISIANA, 2000

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 66 streamflow-gaging stations, stage only for 70 gaging stations, for 166 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 25 streamflow-gaging stations, for 20 ungaged stream sites, and for 108 wells; and (4) water-level records for 221 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 Distribution Branch, Text Products Section, U.S. Geological Survey, 604 South Pickett Street, Alexandria, VA 22304.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report LA-00-1." 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) 389-0281.

WATER RESOURCES DATA - LOUISIANA, 2000

COOPERATION

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

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

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

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

Louisiana Department of Natural Resources, Jack Caldwell, Secretary.

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

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

Caddo-Bossier Office of Emergency 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 Shreveport, Keith Hightower, Mayor; Department of Operational Services,
Mike Strong, Director.

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

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

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

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

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

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

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

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

Ouachita Parish Police Jury, Tom Janway, Parish Administrator.

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, 2000

SUMMARY OF HYDROLOGIC CONDITIONS

Surface-Water Conditions

For the 2000 water year, all regions of Louisiana recorded lower-than-average rainfall totals compared to the mean-annual rainfall totals. The statewide annual-average rainfall total was 40.82 in., which was 16.42 in. below the statewide 30-year average. Rainfall statewide was below normal for October through February, May, and July through September. Rainfall in the northern region of the State was below the monthly average for October through February and July through September. Monthly rainfall in the central and southern regions was below normal for the entire year, except in October and June. The lower-than-average rainfall totals for the State were reflected at the four index stations, which had monthly mean discharges below their long-term mean monthly discharges, except at Saline Bayou near Lucky in April and Amite River near Denham Springs in October (fig. 1). In addition, the index stations had annual mean discharges below their long-term mean annual discharges (fig. 1).

For various months, the index stations had record-low monthly mean discharges. Two index stations had record-low monthly mean discharges for six of the 12 months: Amite River near Denham Springs for February, March, and June through September and Calcasieu River near Oberlin for November, January through March, August, and September. These record-low monthly mean discharges resulted in record-low annual mean discharges for both sites, which were 599 ft³/s for Amite River near Denham Springs and 180 ft³/s for Calcasieu River near Oberlin. The two other index stations had record-low monthly mean discharges for three of the 12 months: Pearl River near Bogalusa for February, March, and August and Saline Bayou near Lucky for January, February, and August.

From October through February, the statewide rainfall averages were below the 30-year averages. The statewide rainfall averages of 1.00 in. in November, 2.12 in. in January, and 1.19 in. in February were 3.58, 2.83, and 3.70 in., respectively, below the statewide 30-year averages. During this period, the index stations had various record-low monthly mean discharges: Pearl River near Bogalusa and Amite River near Denham Springs for February, Saline Bayou near Lucky for January and February, and Calcasieu River near Oberlin for November, January, and February.

The statewide rainfall averages were near normal from March through June. During this period, the statewide average rainfall total was 10.34 in. above the 30-year average. The monthly rainfall averages were above normal in northern Louisiana and below normal in the southern region. Rainfall in the central region was below normal, except for April in which rainfall was above normal. Saline Bayou near Lucky had a monthly mean discharge of 369 ft³/s for April, which was above the long-term mean monthly discharge of 266 ft³/s. The three other index stations (Pearl River near Bogalusa, Amite River near Denham Springs, and Calcasieu River near Oberlin) had record-low monthly mean discharges for March. Amite River near Denham Springs also had a record-low monthly mean discharge for June.

The statewide rainfall averages were below normal in all regions for July through September. The statewide rainfall averages were 2.61 in. in July and 1.93 in. in August, which were 2.64 in. and 2.65 in., respectively, below the 30-year averages. During this period, the index stations had various record-low monthly mean discharges: Pearl River near Bogalusa and Saline Bayou near Lucky for August, Amite River near Denham Springs for July through September, and Calcasieu River near Oberlin for August and September.

WATER RESOURCES DATA - LOUISIANA, 2000

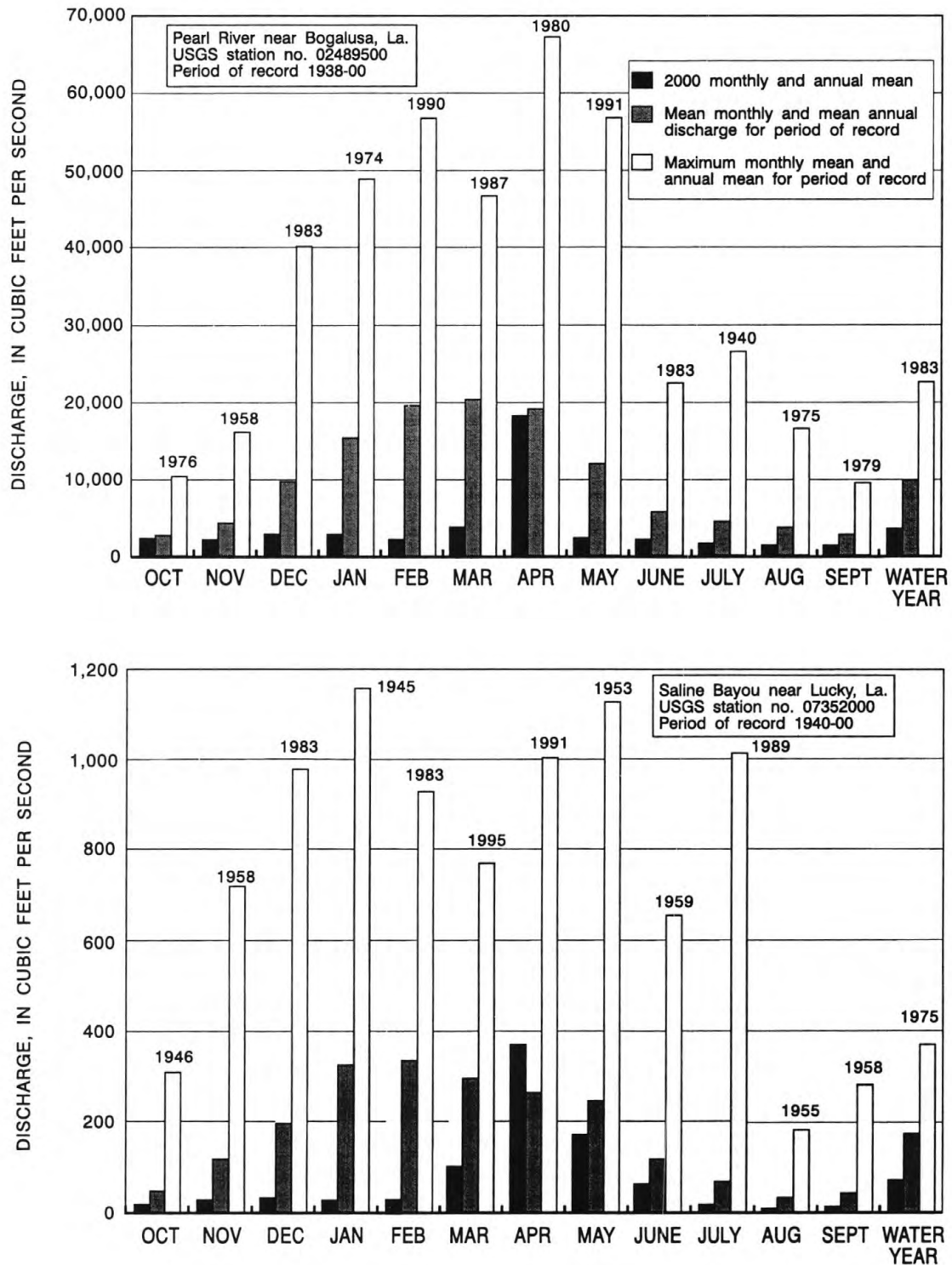


Figure 1. Comparison of discharge during the 2000 water year with mean and maximum discharge for the period of record at four representative gaging stations.

WATER RESOURCES DATA - LOUISIANA, 2000

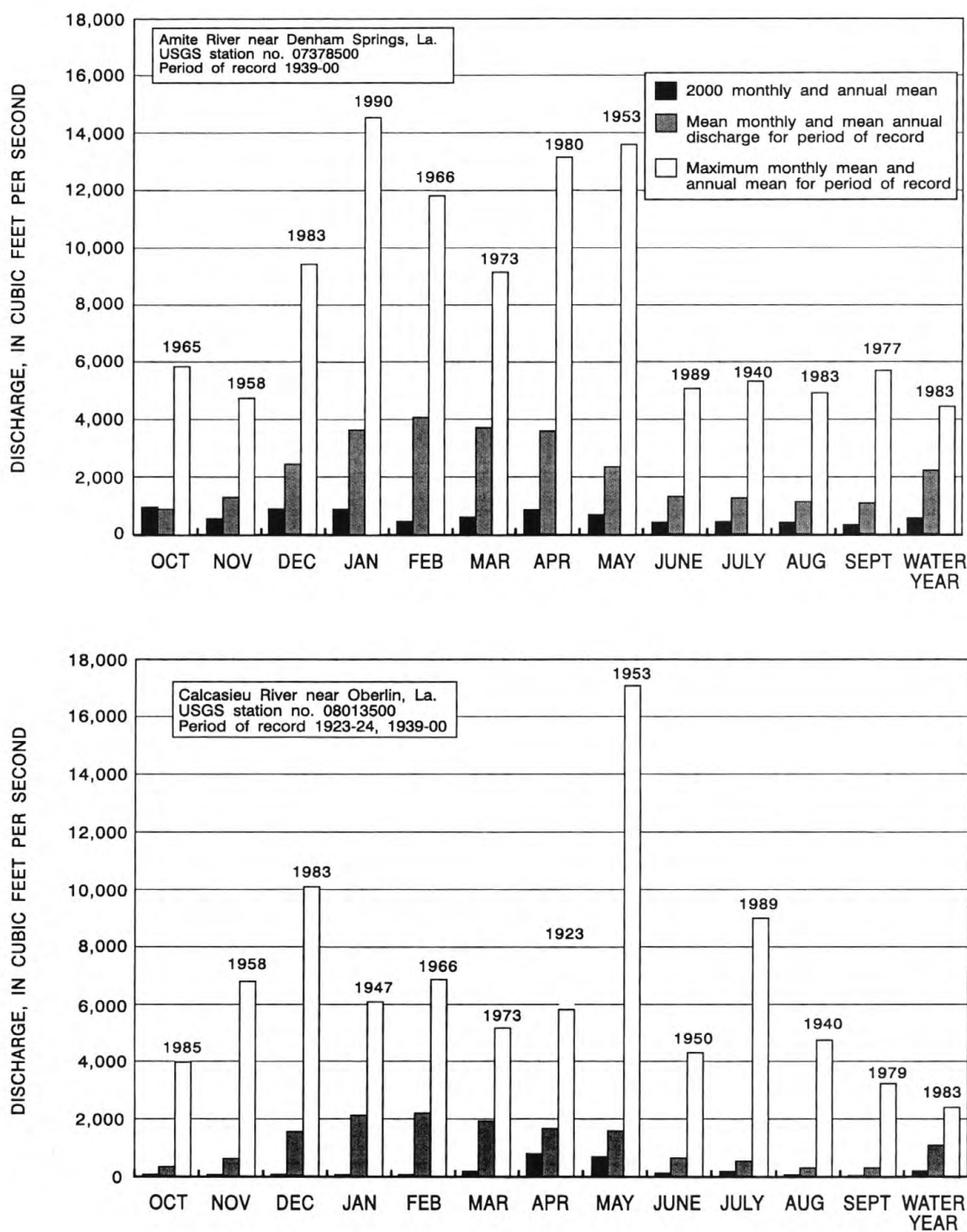


Figure 1. Comparison of discharge during the 2000 water year with mean and maximum discharge for the period of record at four representative gaging stations--Continued.

WATER RESOURCES DATA - LOUISIANA, 2000

Surface-Water Quality

This section briefly describes the quality of water in selected streams in Louisiana. Samples generally were collected bimonthly or monthly from streams within the State. Sediment samples were collected from the Atchafalaya and Mississippi Rivers.

In samples collected from the Mississippi River near St. Francisville, specific conductance values ranged from 374 to 550 $\mu\text{S}/\text{cm}$ (microsiemens per centimeter at 25 °C) during the 2000 water year. Water temperature values ranged from approximately 7.0 to 30.5 °C. Chloride concentrations ranged from a minimum of 19.7 mg/L (milligrams per liter) to a maximum of 31.3 mg/L.

Locks and dams along the Red River now affect the water quality of the river by creating pools at the locks and dams such as the one at Lock and Dam 1 near Vick, La. At sites along the Red River, the specific conductance ranged from 182 to 1,690 $\mu\text{S}/\text{cm}$ during the 2000 water year. Water temperature values ranged from approximately 10.1 to 32.8 °C. Chloride concentrations ranged from approximately 13 to 290 mg/L along the Red River. Total iron and manganese concentrations were characteristically high. Total iron concentrations ranged from a minimum of 60 $\mu\text{g}/\text{L}$ (micrograms per liter) at Alexandria on October 21, 1999, to a maximum of 1,600 $\mu\text{g}/\text{L}$ at Grand Ecore on May 3, 2000. Total manganese concentrations ranged from a minimum of 29 $\mu\text{g}/\text{L}$ at Alexandria on January 26, 2000, to a maximum of 140 $\mu\text{g}/\text{L}$ above Shreveport on May 4, 2000.

Water-quality samples were collected on the Atchafalaya River at Melville. Suspended sediment samples were collected on the Atchafalaya River at Simmesport, Melville, and Morgan City. The specific conductance values ranged from 278 $\mu\text{S}/\text{cm}$ on April 13, 2000, to 580 $\mu\text{S}/\text{cm}$ on November 9, 1999. The minimum water temperature was 8.4 °C on January 26, 2000, and the maximum water temperature was 31.1 °C on July 19, 2000. The minimum sediment load was 2,770 T/day (tons per day) at Melville on February 18, 2000, and the maximum sediment load was 390,000 T/day at Simmesport on March 2, 2000.

Ground-Water Levels

During the water year, water levels were monitored in wells completed in aquifers throughout the State. The Sparta aquifer in northern Louisiana and the Chicot aquifer in southwestern Louisiana continued to have the most widespread water-level declines in wells monitored.

Water levels in the Sparta aquifer, in northern Louisiana, continued to decline about 1 to 3 ft/yr (feet per year) at most sites, although declines as much as 5 ft/yr are occurring in some areas, including Ouachita Parish. Regional water-level declines in the Sparta aquifer are represented by a hydrograph of well L-26 (fig. 2a) in Lincoln Parish. Water-levels have declined 3 to 5 ft/yr at wells in Ouachita (Ou-80), Union (Un-26), and Webster (Wb-26) Parishes. Normal seasonal fluctuations with no substantial long-term trends were observed in water levels in the Mississippi River alluvial, upland terrace, Cockfield, and Carrizo-Wilcox aquifers in northern Louisiana. In central Louisiana, water levels in the Williamson Creek, Carnahan Bayou (well R-1056, fig. 2a), and Catahoula aquifers generally indicated little long-term change.

Water levels in most monitor wells in the Chicot aquifer of southwestern Louisiana fluctuated seasonally with declines about 2 ft/yr or less. However, in some areas of Acadia, Evangeline, and Jefferson Davis Parishes, where the Chicot aquifer is heavily used for irrigation, water levels have declined 3 to 5 ft/yr. Large water-level declines in the Chicot aquifer have occurred in wells Ac-326, JD-485A (fig. 2a), and Cn-80L. Seasonal fluctuations in the Chicot aquifer ranged from 2 to 40 ft; the fluctuations were due mostly to seasonal pumpage for irrigation in rice-growing areas (see hydrograph of well JD-485A, fig. 2a).

Water levels in wells monitored in the Evangeline aquifer in southwestern Louisiana fluctuated seasonally with no substantial change. Due to pumpage from the Evangeline aquifer, seasonal fluctuations generally were less than 10 ft.

WATER RESOURCES DATA - LOUISIANA, 2000

Ground-Water Levels--continued

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

In the Florida Parishes, located east of Baton Rouge and north of Lake Pontchartrain, water levels in most monitor wells fluctuated seasonally, while water levels in many of these wells have shown some decline. Water-level declines in deep aquifers generally were 1 ft/yr or less during the past 10 years, as shown by the hydrograph of well Ta-343 (fig. 2b) located in Tangipahoa Parish.

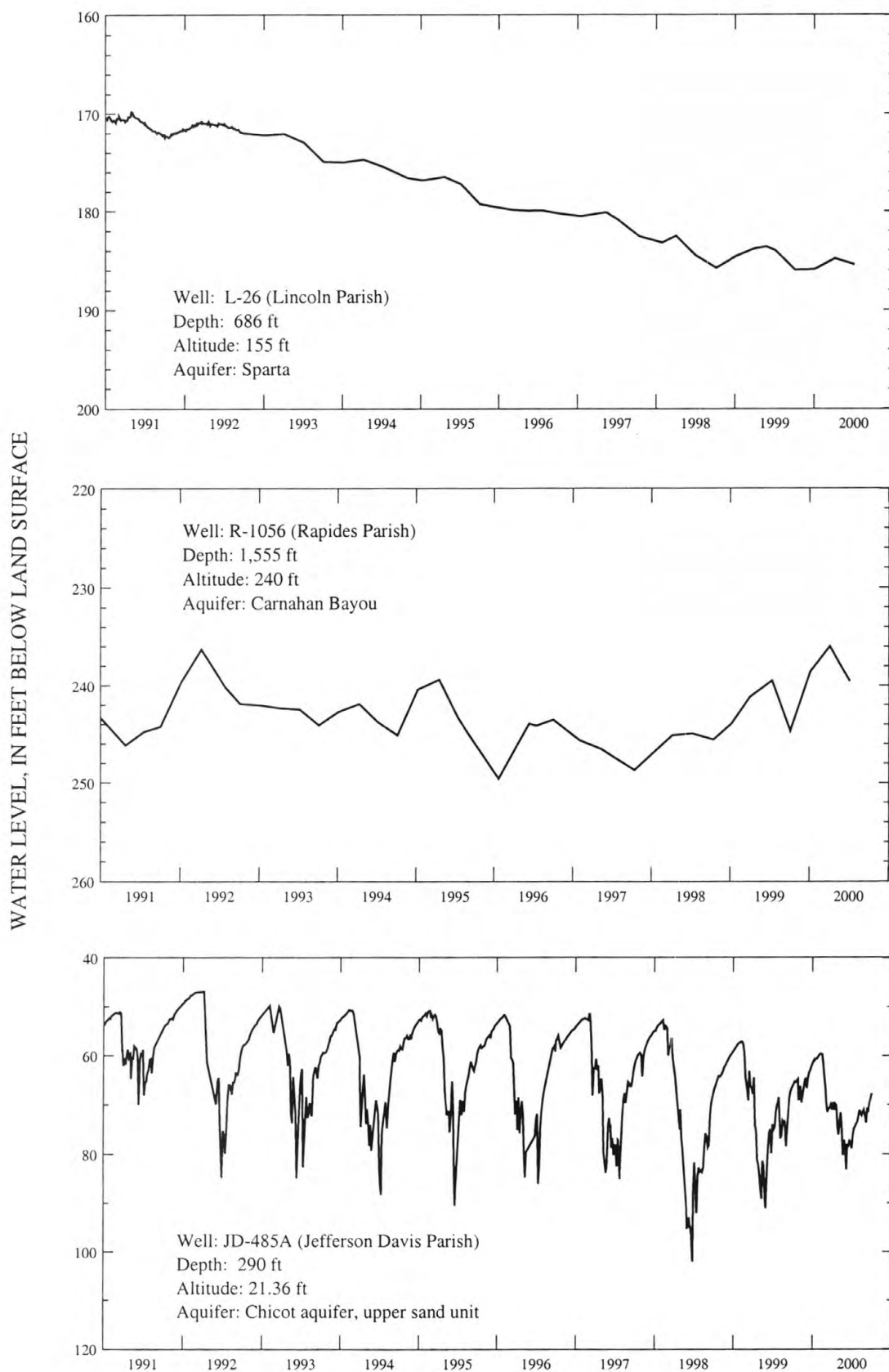
Ground-Water Quality

Chloride concentrations in water from most monitor wells completed in the Mississippi alluvial aquifer remained the same or decreased slightly. However, chloride concentrations continued to increase in some wells such as well Co-205 in Concordia Parish and wells Ri-114 and Ri-124 in Richland Parish. Chloride concentrations in water from monitor wells completed in the Sparta aquifer remained unchanged at most sites, but concentrations decreased at wells W-144B (fig. 2c) and W-179 in Winn Parish.

Chloride concentrations in water from wells completed in the upper part of the Chicot aquifer along the freshwater-saltwater interface in southwestern Louisiana changed little during the water year. Water from monitor wells completed in the "200-foot" sand (Chicot aquifer) of the Lake Charles area generally indicated an increase in chloride concentrations; concentrations in water from well Cn-92 increased at an average rate of 10 mg/L during the past 10 years. Chloride concentrations in water from monitor wells completed in the "500-foot" and "700-foot" sands (Chicot aquifer) of the Lake Charles area generally decreased slightly or remained the same during the water year. Chloride concentrations remained about 550 mg/L at well Cu-787, completed in the "500-foot" sand in the Lake Charles industrial district.

In the Baton Rouge area, chloride concentrations in water from most monitored wells remained constant or continued previous trends. In the "1,500-foot" sand, chloride concentrations continued to increase at many sites. Chloride concentrations in water from well EB-1150 (fig. 2c), completed in the "2,000-foot" sand, continues to indicate a decrease in chloride concentration in water year 2000. Chloride concentrations in water from most monitor wells completed in aquifers in southeastern Louisiana near New Orleans changed little or continued previous trends.

WATER RESOURCES DATA - LOUISIANA, 2000

**Figure 2a.** Water levels for wells L-26, R-1056, and JD-485A.

WATER RESOURCES DATA - LOUISIANA, 2000

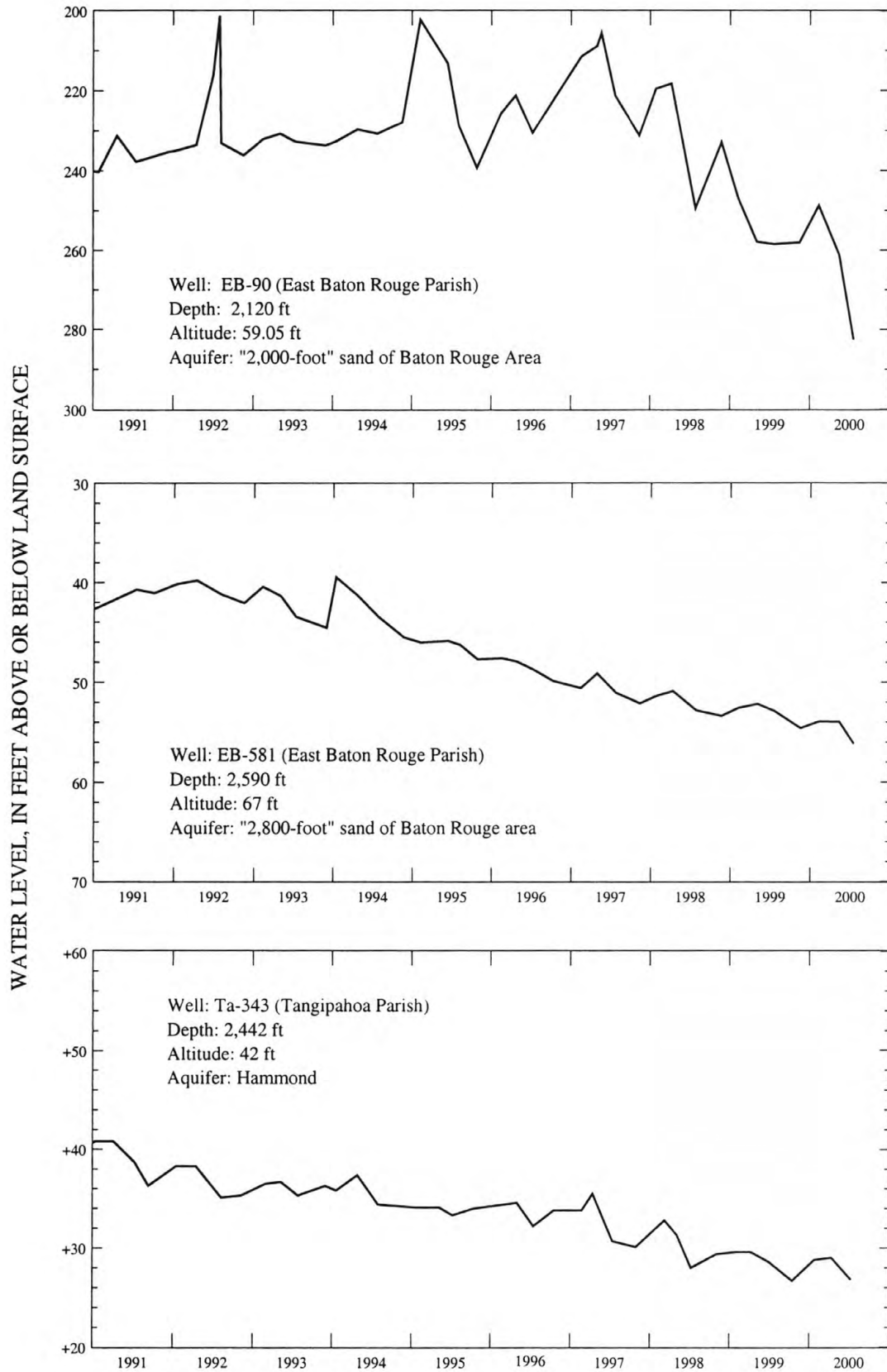
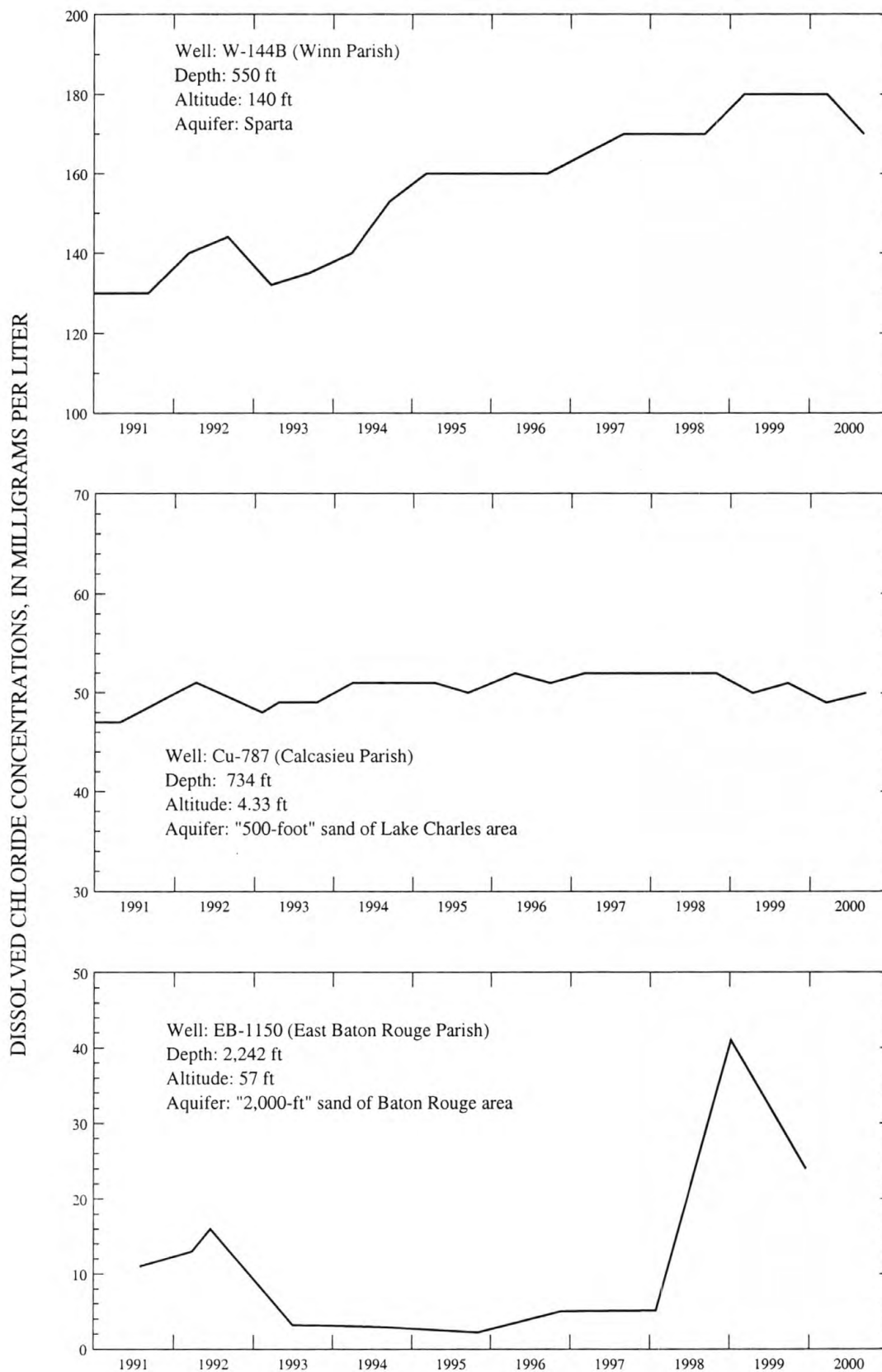


Figure 2b. Water levels for wells EB-90, EB-581, and Ta-343.

WATER RESOURCES DATA - LOUISIANA, 2000

**Figure 2c.** Chloride concentrations for wells W-144B, Cu-787, and EB-1150.

WATER RESOURCES DATA - LOUISIANA, 2000

SPECIAL NETWORKS AND PROGRAMS

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

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

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

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) provides continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from a network of 225 precipitation chemistry monitoring sites. This long-term, nationally consistent monitoring program, coupled with ecosystem research, provides critical information toward a national scorecard to evaluate the effectiveness of ongoing and future regulations intended to reduce atmospheric emissions and subsequent impacts to the Nation's land and water resources. Reports and other information on the NADP/NTN Program, as well as all data from the individual sites, can be found at:

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

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

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

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

http://water.usgs.gov/nawqa/nawqa_home.html

EXPLANATION OF THE RECORDS

The surface-water and ground-water records published in this report are for the 2000 water year that began October 1, 1999, and ended September 30, 2000. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage data for lakes, water-quality data for surface and ground water, and ground-water-level data. The locations of the stations and wells where the data were collected are shown in figures 4-18. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

WATER RESOURCES DATA - LOUISIANA, 2000

Station Identification Numbers

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

Downstream Order System

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

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

Latitude-Longitude System

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

Records of Stage and Water Discharge

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

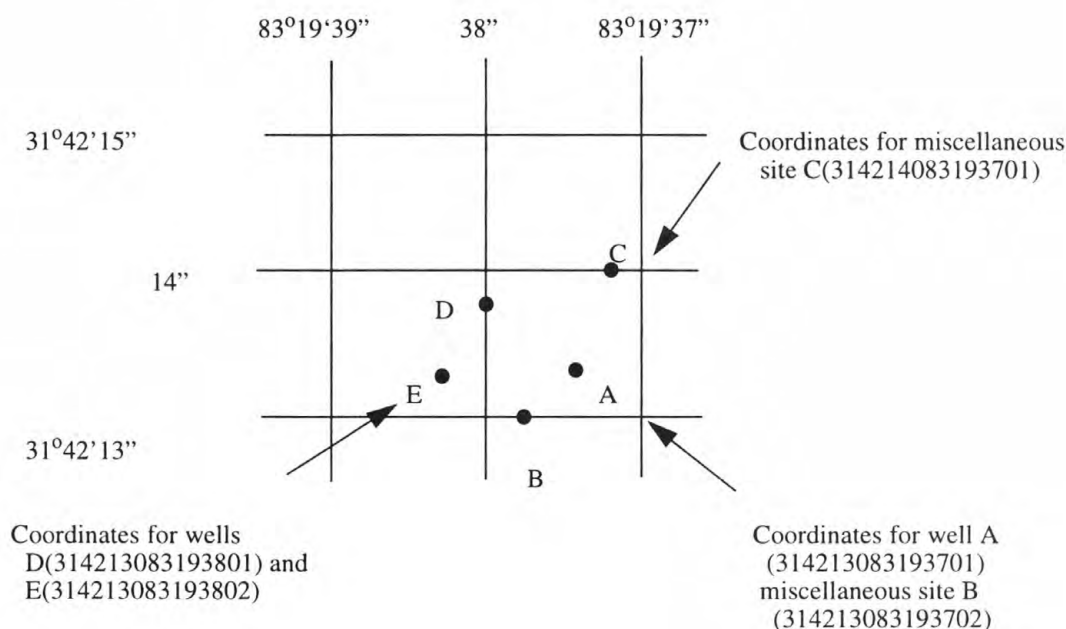


Figure 3. System for numbering wells and miscellaneous sites (latitude and longitude).

Data Collection and Computation

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

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

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

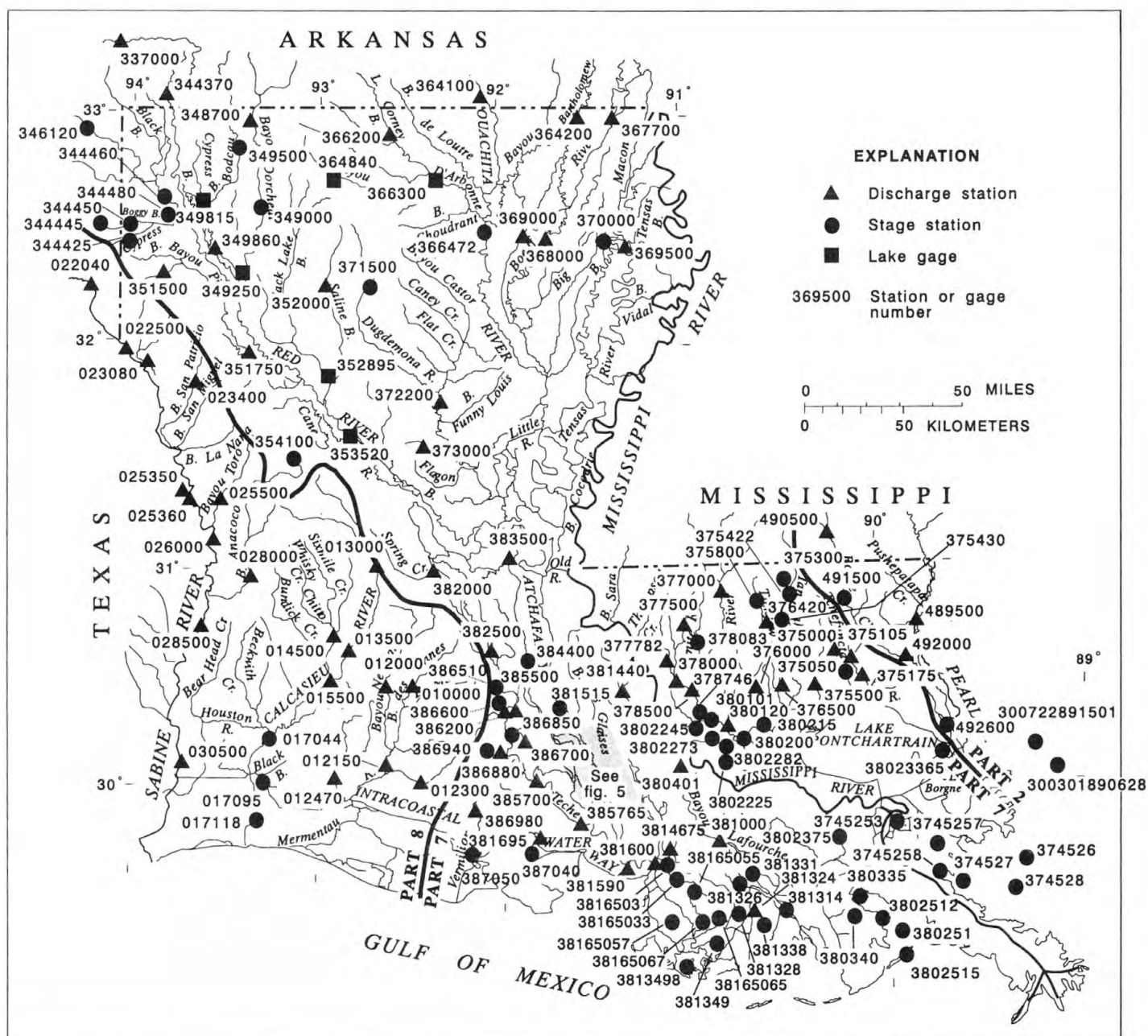


Figure 4. Location of continuous gaging stations.

WATER RESOURCES DATA - LOUISIANA, 2000

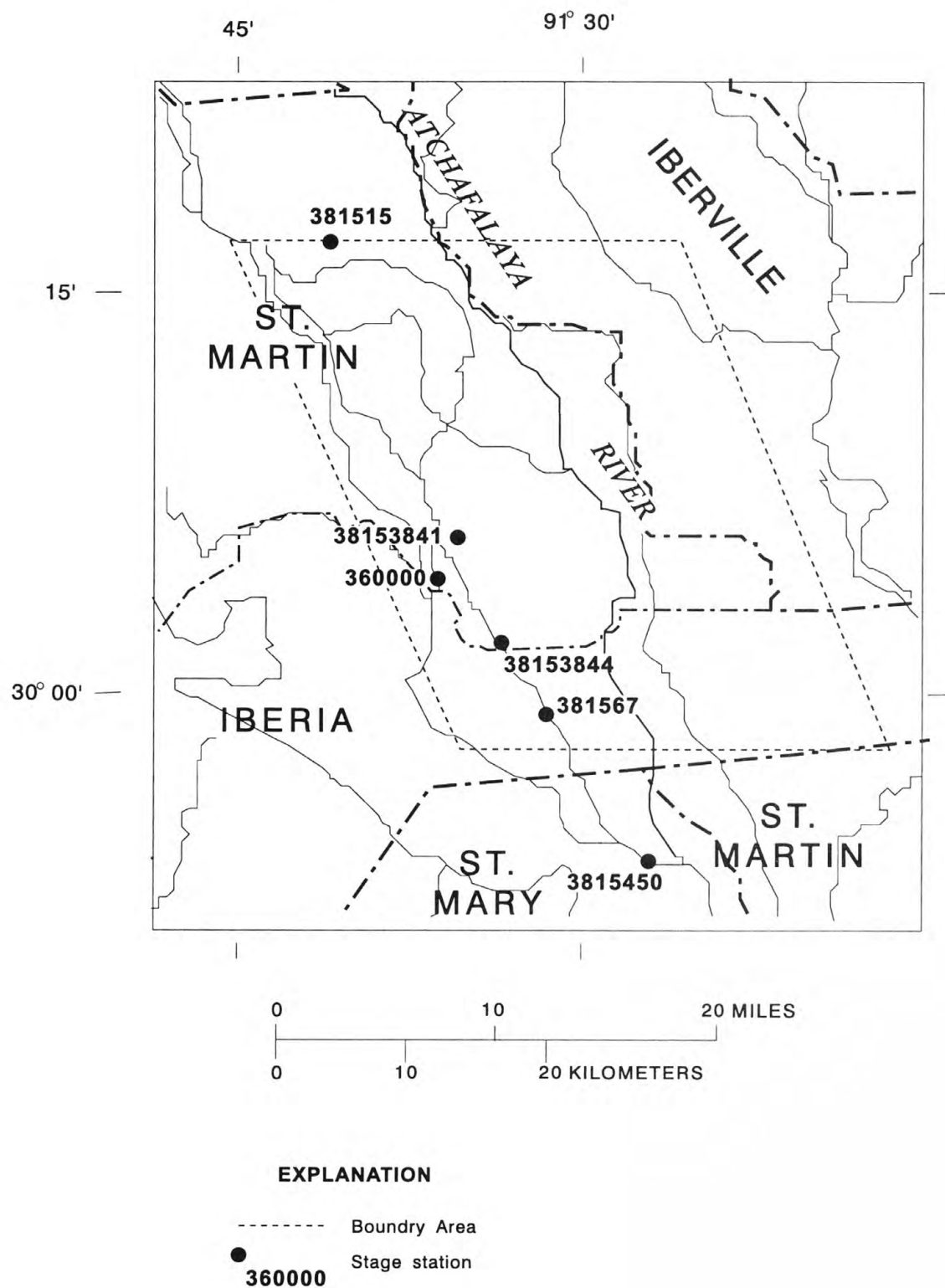


Figure 5. Location of stage stations in the Atchafalaya River Basin (shaded area of fig. 4).

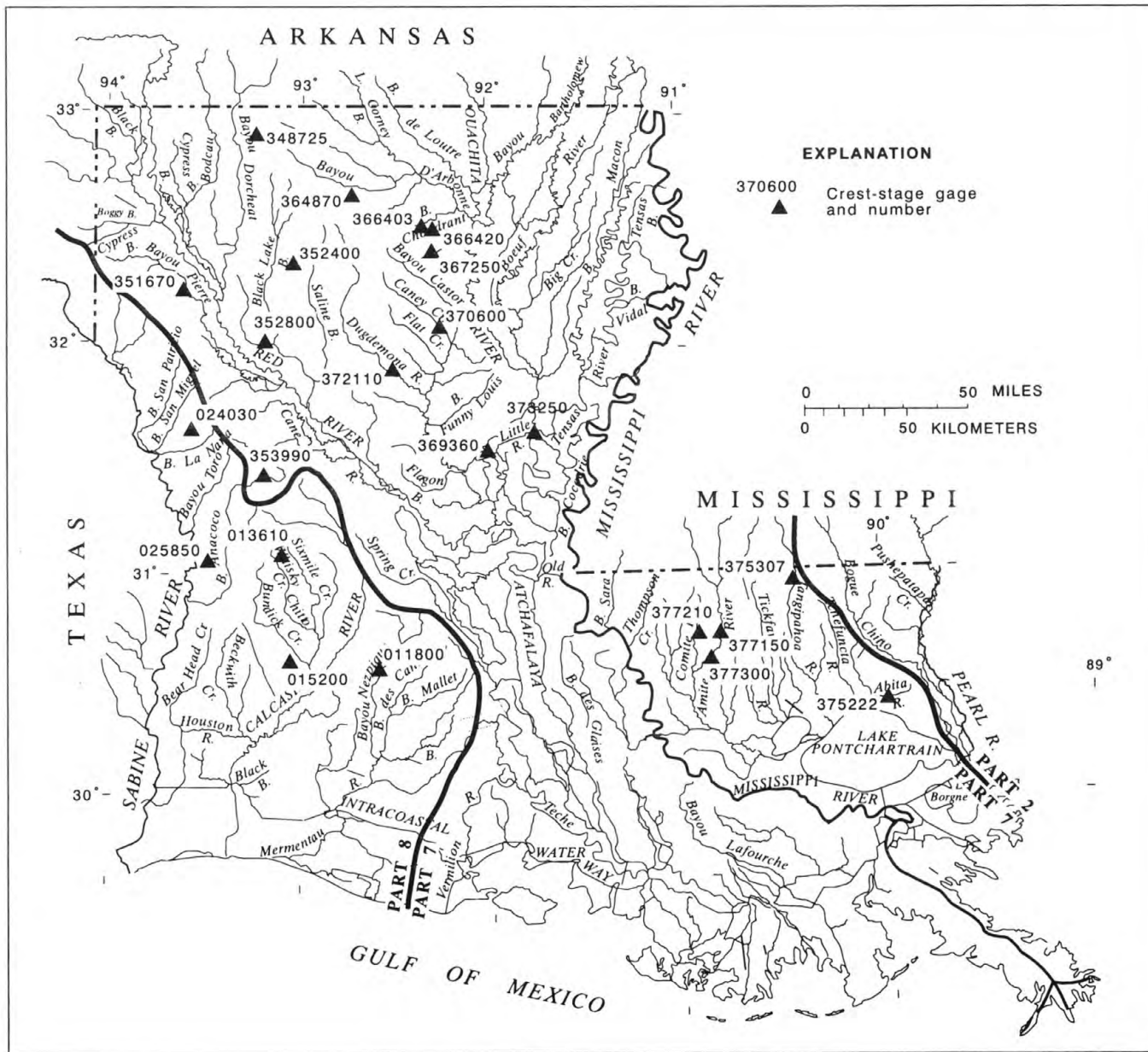


Figure 6. Location of crest-stage stations

WATER RESOURCES DATA - LOUISIANA, 2000

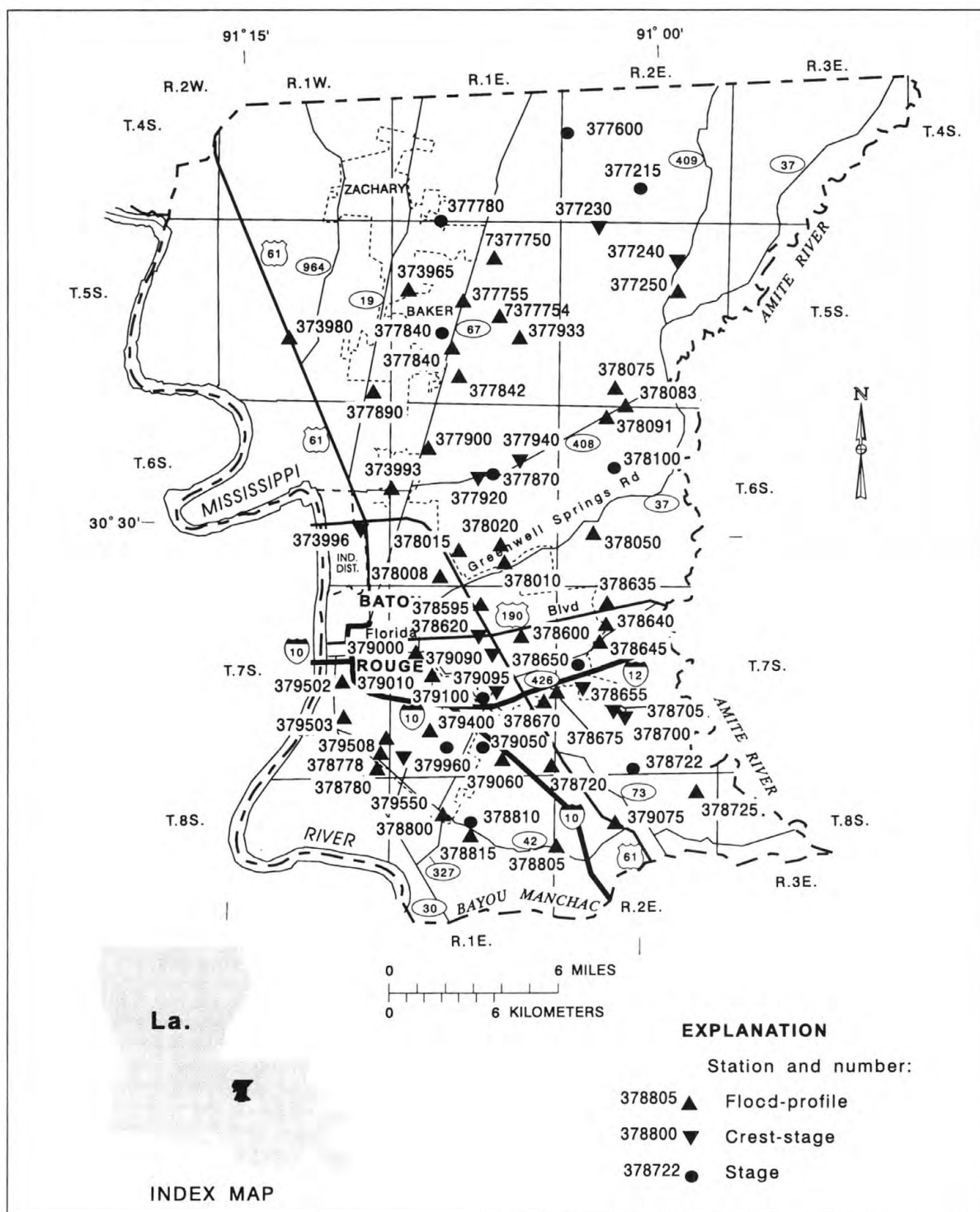


Figure 8. Location of flood-profile and crest-stage stations in East Baton Rouge Parish.

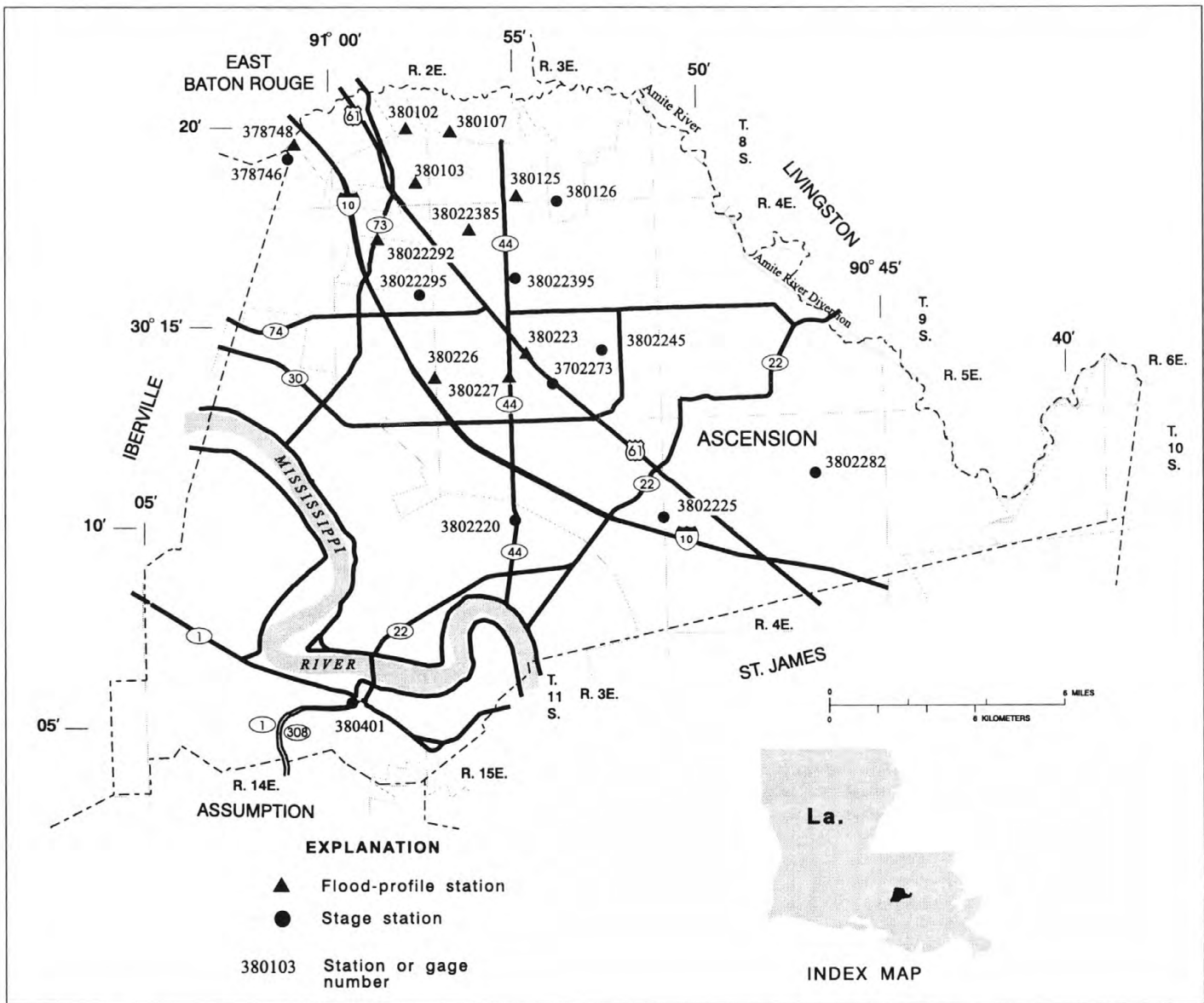
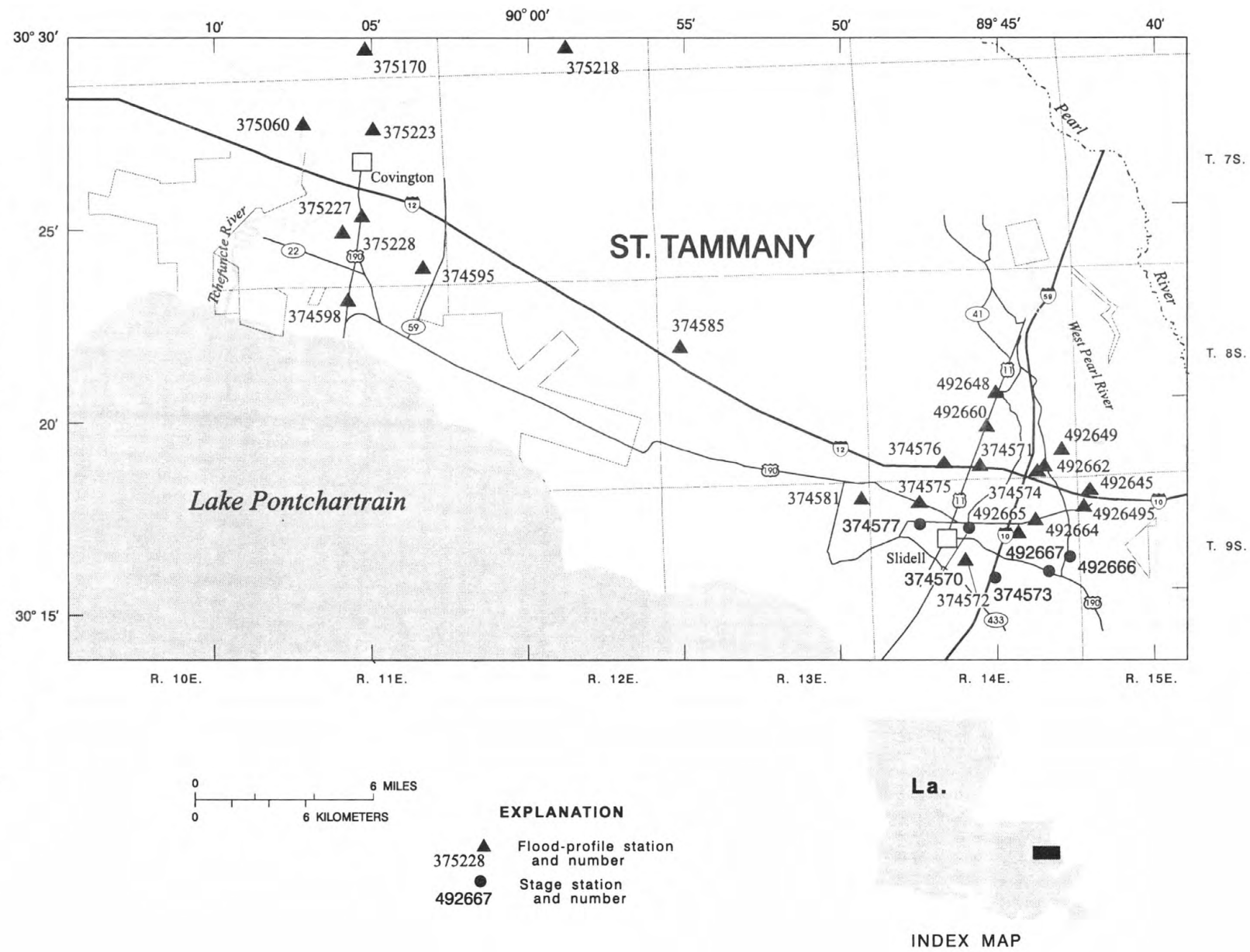


Figure 9. Location of continuous stage and flood-profile stations in Ascension Parish.

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



WATER RESOURCES DATA - LOUISIANA, 2000

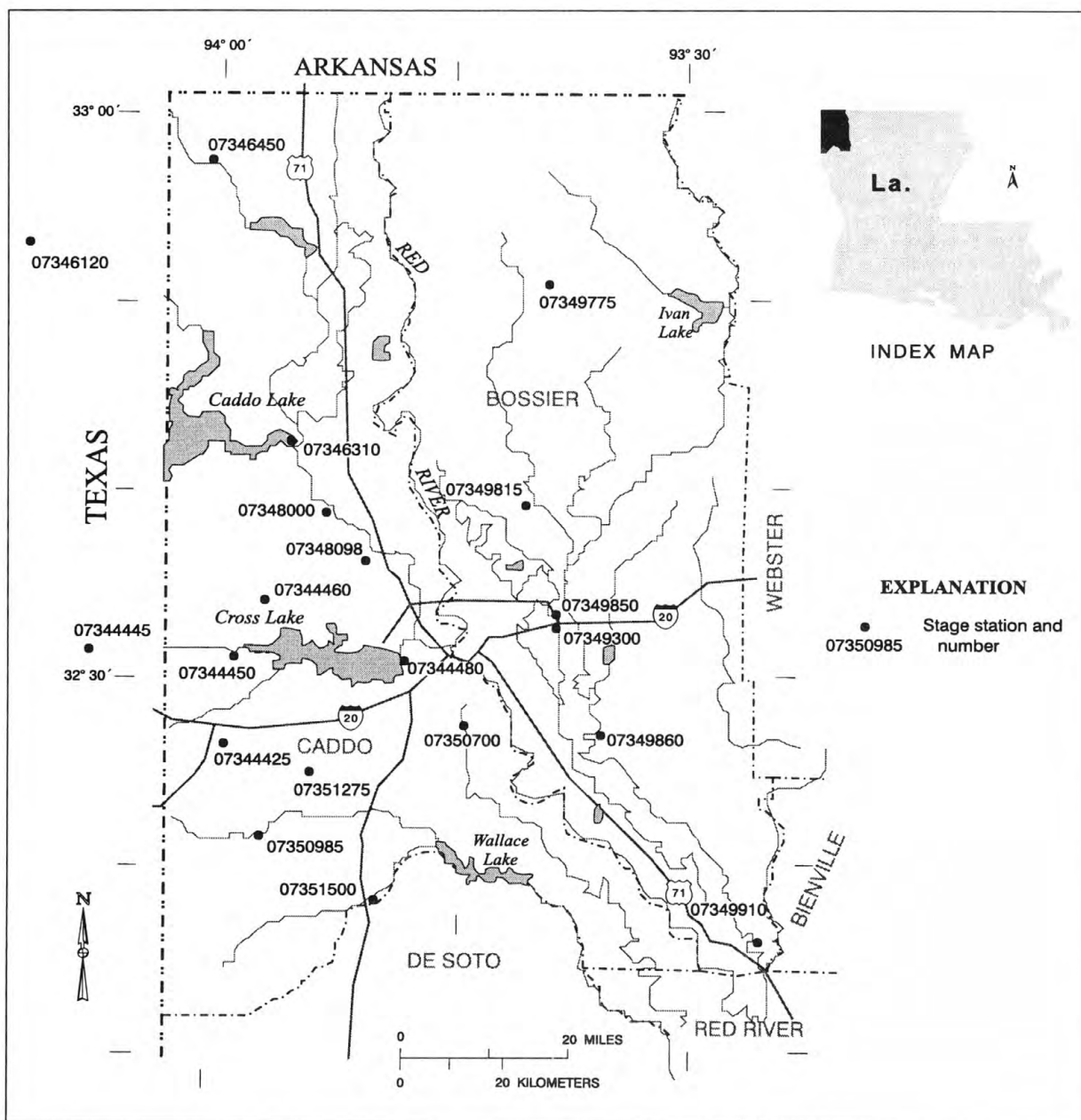


Figure 11. Location of stage stations in Caddo and Bossier Parishes.

WATER RESOURCES DATA - LOUISIANA, 2000

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

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

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

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

Data Presentation

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

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

STATION MANUSCRIPT

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

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

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

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

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

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

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

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

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

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

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

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

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

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

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

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

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

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

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

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

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

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

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

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

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

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

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

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

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

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

Cubic foot per second (FT³/S, ft³/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

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

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

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

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

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

Identifying Estimated Daily Discharge

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

Accuracy of the Records

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

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

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

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

Other Records Available

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

Records of Surface-Water Quality

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

Classification of Records

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

Arrangement of Records

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

On-Site Measurements and Sample Collection

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

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

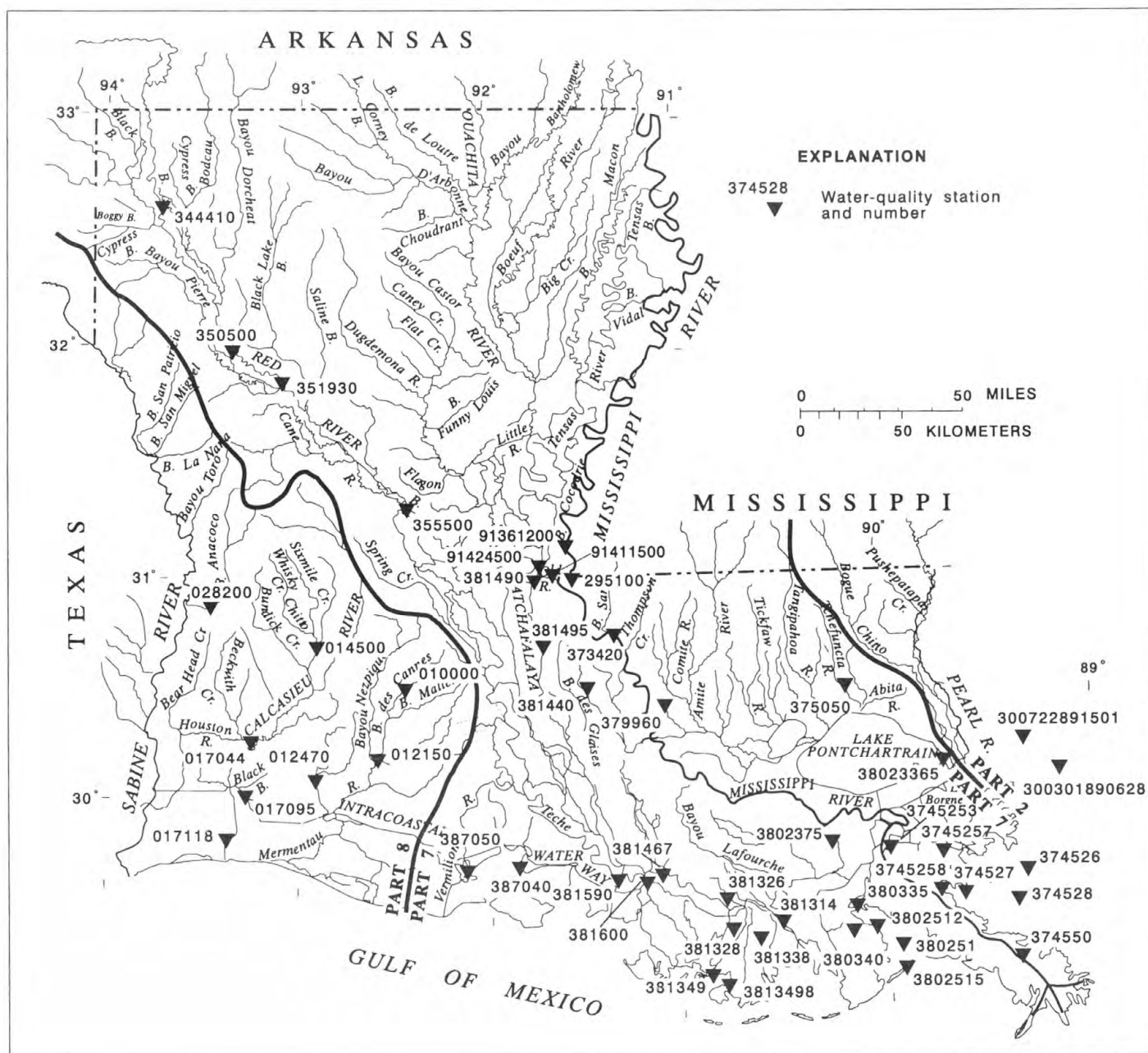
Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis.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

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

Water Temperature

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

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



WATER RESOURCES DATA - LOUISIANA, 2000

Sediment

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

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

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

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

Laboratory Measurements

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

Data Presentation

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

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

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

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

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

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

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

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

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

The surface-water-quality records for partial-record stations and miscellaneous sampling sites are published in separate tables following the table of discharge measurements at miscellaneous sites. No descriptive statements are given for these records. Each station is published with its own station number and name in the regular downstream-order sequence.

Remarks Codes

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

PRINTED OUTPUTREMARK

E

Estimated value

>

Actual value is known to be greater than the value shown

<

Actual value is known to be less than the value shown

K

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

Dissolved Trace-Element Concentrations

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

Records of Ground-Water Levels

Data Collection and Computation

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

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

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

Data Presentation

Each well record consists of two parts, the station description and the data table of water levels observed during the water year. The description of the well is presented first through use of descriptive headings preceding the tabular data. The comments to follow clarify information presented by the well description. Locations of stations for which records on ground water appear in this report are shown in figures 13-18.

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

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

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

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

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

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

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

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

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

Records of Ground-Water Quality

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

WATER RESOURCES DATA - LOUISIANA, 2000

Data Collection and Computation

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

Data Presentation

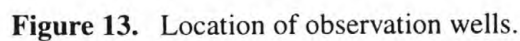
The records of ground-water quality are published in a section titled "QUALITY OF GROUND WATER" which immediately follows the ground-water-level records. Data for quality of ground water are listed alphabetically by parish, and are identified by well number. The prime identification number for wells sampled is the 15-digit number derived from the latitude-longitude locations. No descriptive statements are given for ground-water-quality records; however, the well number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water.

Access to USGS Water Data

The USGS provides near real-time stage and discharge data for many of the gaging station equipped with the necessary telemetry and historic daily-mean and peak-flow discharge data for most current or discontinued gaging stations through the world wide web (WWW). These data may be accessed at

<http://water.usgs.gov>

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



WATER RESOURCES DATA - LOUISIANA, 2000

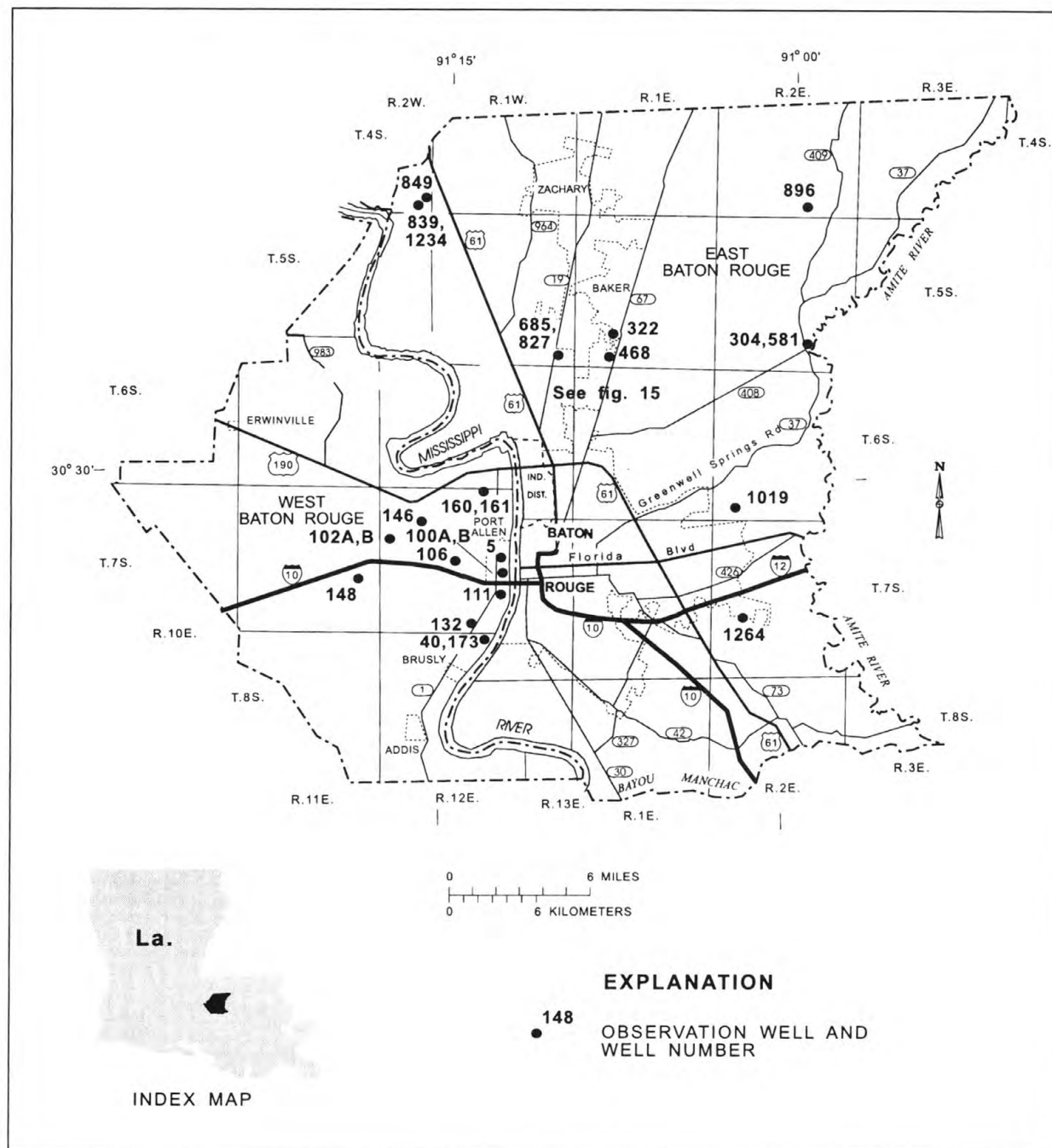


Figure 14. Location of observation wells in East and West Baton Rouge Parishes.

WATER RESOURCES DATA - LOUISIANA, 2000

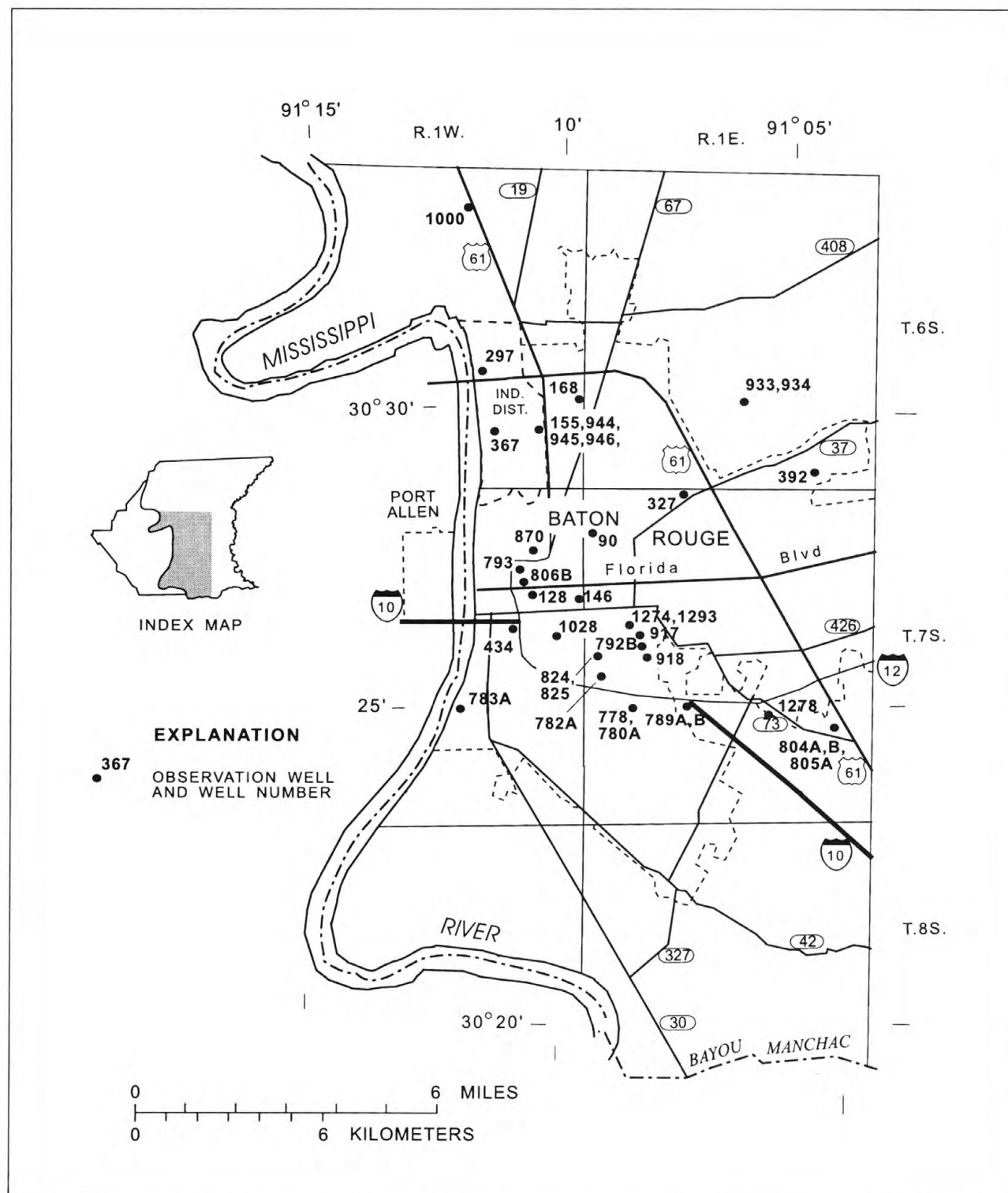


Figure 15. Location of observation wells in shaded area of figure 14.

WATER RESOURCES DATA - LOUISIANA, 2000

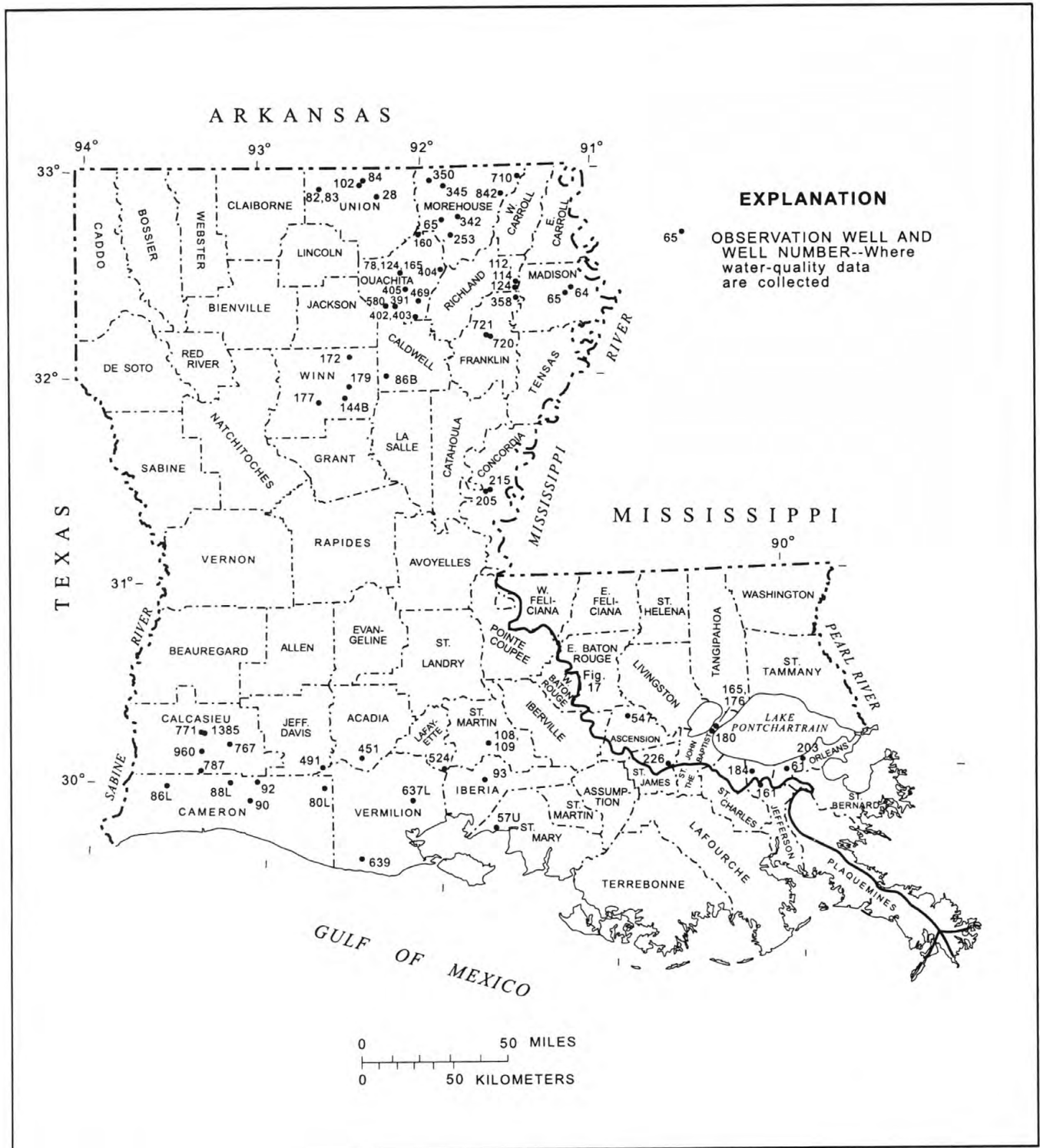


Figure 16. Location of wells for which water-quality data are included.

WATER RESOURCES DATA - LOUISIANA, 2000

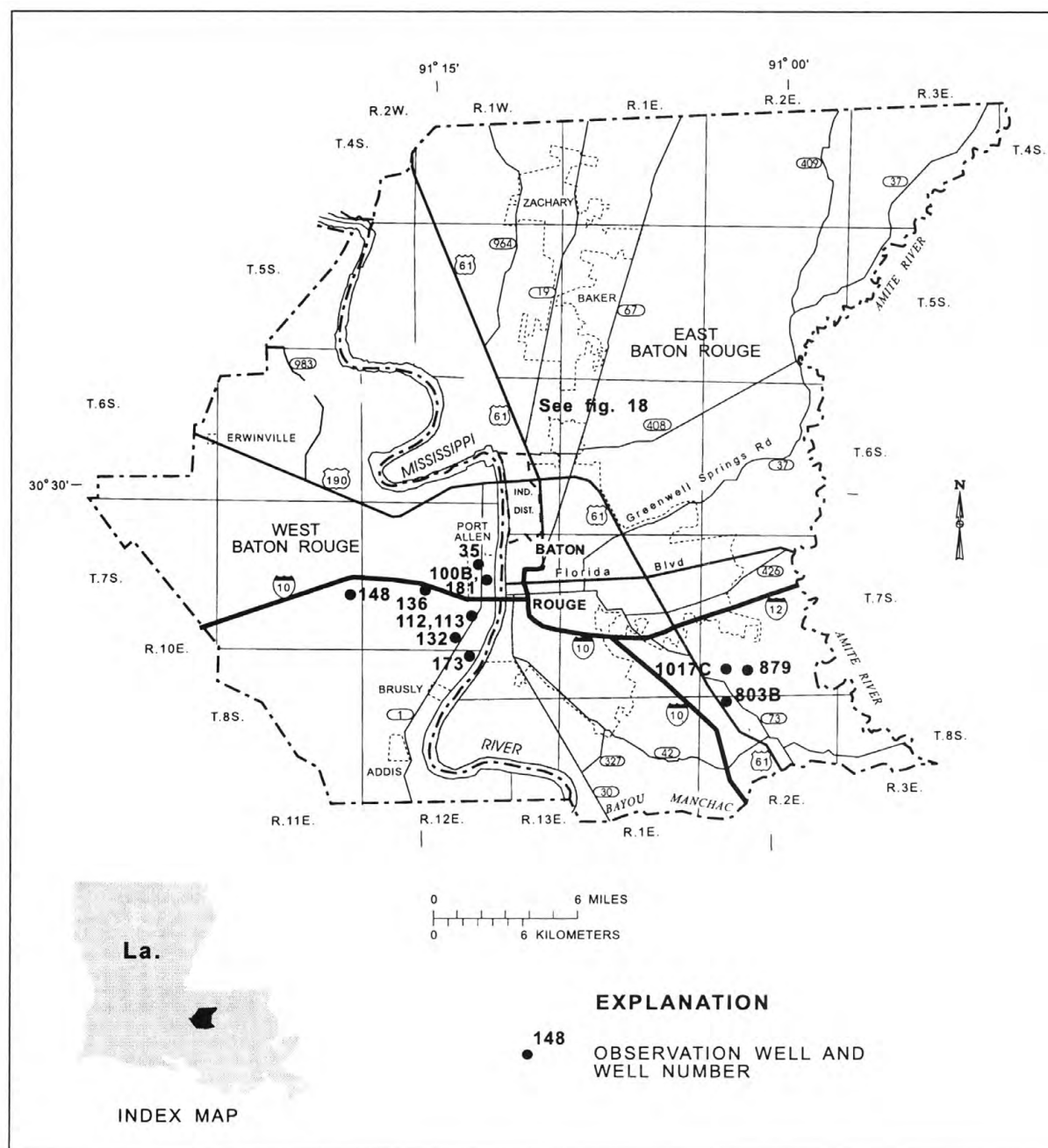


Figure 17. Location of wells for which water quality data are included in East and West Baton Rouge Parishes.

WATER RESOURCES DATA - LOUISIANA, 2000

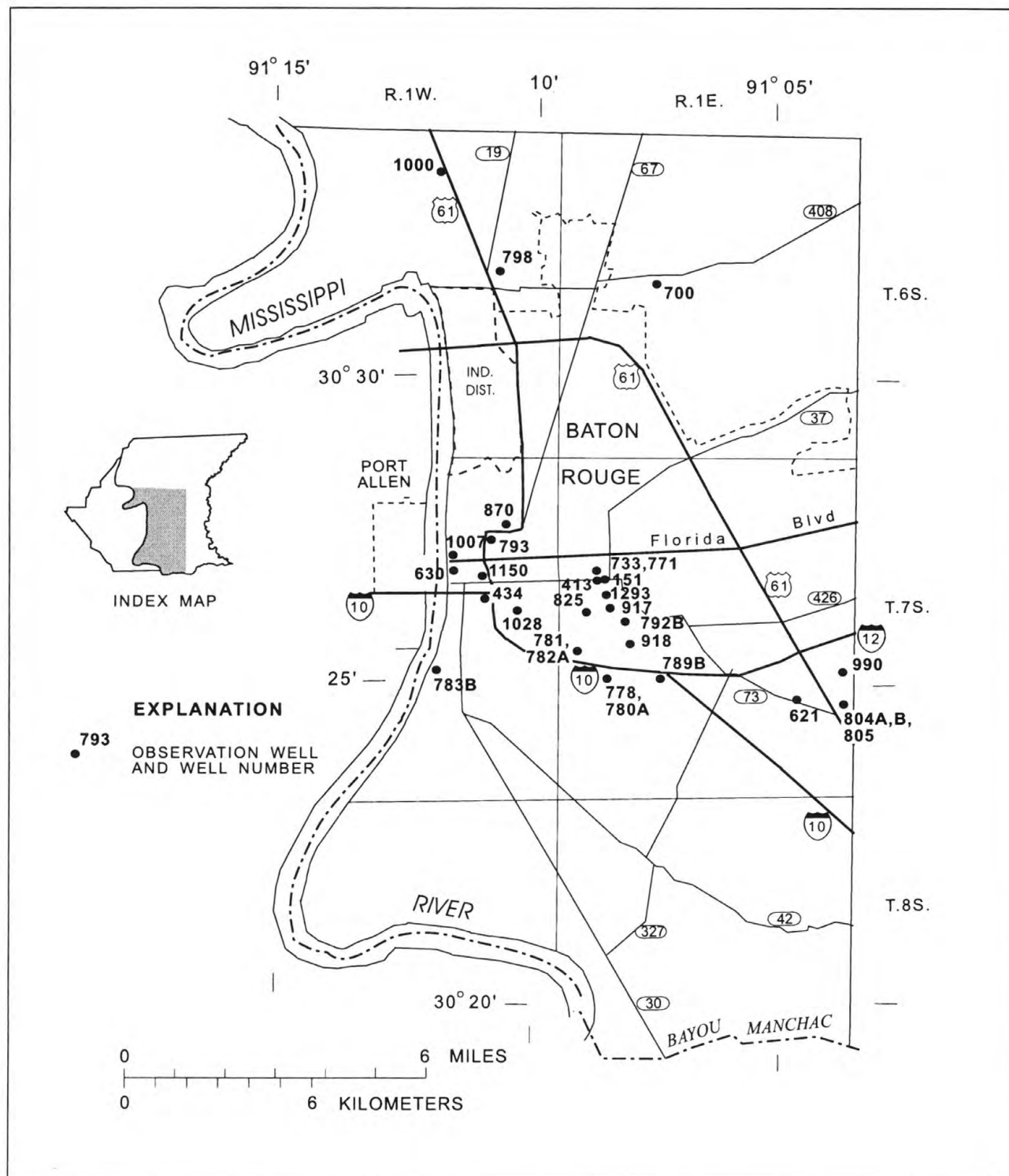


Figure 18. Location of wells for which water-quality data are included in shaded area of figure 17.

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION OF TERMS

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

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

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters.

Algae are mostly aquatic single-celled, colonial, or multicelled plants containing chlorophyll and lacking roots, stems, and leaves.

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

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

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

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equal to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters.

Cubic feet 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.

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

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

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

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

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

Fecal streptococcal bacteria are bacteria found in the intestine of warm-blooded animals. Their presence in water is considered to verify fecal pollution. 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.

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

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

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

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

Bottom material: See "Bed material."

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

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

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

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.

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 that meets either of the following conditions:

1. Stage or streamflow are recorded at some interval on a continuous basis. The recording interval is usually 15 minutes, but may be less or more frequent.
2. Water-quality, sediment, or other hydrologic measurements are recorded at least daily.

Control designates a feature in the channel downstream from a gaging station that physically influences the water-surface elevation and thereby determines the stage-discharge relation at the station. 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.

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

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, 448.8 gallons per minute, or 0.02832 cubic meters per second.

Cubic foot per second-day (CFS-DAY, Cfs-day, $[(\text{ft}^3/\text{s})/\text{d}]$) 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, 1.9835 acre-feet, 646,317 gallons, or 2,447 cubic meters.

Daily record is a summary of streamflow, sediment, or water-quality values computed from data collected with sufficient frequency to obtain reliable estimates of daily mean values.

Daily record station is a site for which daily records of streamflow, sediment, or water-quality values are computed.

Datum, as used in this report, is an elevation above mean sea level to which all gage height readings are referenced.

Discharge, or flow, is the volume of water (or more broadly, volume of fluid including solid- and dissolved-phase material), that passes a given point in a given period of time.

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

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

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

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

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

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

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

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

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

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

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

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

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

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 agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Dissolved oxygen (DO) content of water in equilibrium with air 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, with small temperature changes having the more significant offset. Photosynthesis and respiration may cause diurnal variations in dissolved-oxygen concentration in water from some streams.

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

Dissolved-solids concentration of water 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 that analytical determination of dissolved solids, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. Therefore, in the mathematical calculation of dissolved-solids concentration, the bicarbonate value, in milligrams per liter, is multiplied by 0.4926 to reflect the change. Alternatively, alkalinity concentration (as mg/L CaCO_3) can be converted to carbonate concentration by multiplying by 0.60.

Drainage area of a site on a stream is that area, measured in a horizontal plane, that has a common outlet at the site for its surface runoff. Figures of drainage area 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 is occupied by a drainage system with a common outlet for its surface runoff (see "Drainage area").

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.

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 the elevation of the zero point of the reference gage from which gage height is determined as compared to sea level (see "Datum"). This elevation is established by a system of levels from known benchmarks, by approximation from topographic maps, or by geographical positioning system.

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

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

Ground-water level is the elevation of the water table or another potentiometric surface at a particular location.

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

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

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 U.S. Geological Survey. Each hydrologic unit is identified by an 8-digit number.

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

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

- Aldrin** 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-exo-1,4-endo-5,8-dimethanonaphthalene.
- Chlordane** 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene.
- DDD** (combination of ortho and para isomers)
 o,p'-**DDD** 1,1-dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane,
 p,p'-**DDD** 1,1-dichloro-2,2-bis(p-chlorophenyl)ethane.
- DDE** (combination of ortho and para isomers)
 o,p'-**DDE** 1,1-dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethylene,
 p,p'-**DDE** 1,1-dichloro-2-bis(p-chlorophenyl)ethylene.
- DDT** (combination of ortho and para isomers)
 o,p'-**DDT** 1,1,1-trichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane,
 p,p'-**DDT** 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane.
- Diazinon** 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate.
- Dieldrin** 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo,exo-1,4:5,8-dimethanonaphthalene.
- Endosulfan** 1,4,5,6,7,7-hexachloro-5-norbornene-2,3-dimethanol cyclic sulfite.
- Endrin** 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo,endo-1,4:5,8-dimethanonaphthalene.
- Ethion** 0,0,0',0'-tetraethyl S,S'methylenediphosphorodithioate.
- Heptachlor** 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H indene.
- Heptachlor epoxide** 1,4,5,6,7,8,8-heptachloro-2,3-epoxy-3a,4,7,7a-tetrahydro-4,7-methanoindan.
- Lindane** 1,2,3,4,5,6-hexachlorocyclohexane, 99 percent or more of gamma-isomer.
- Malathion** S-(1,2-dicarbethoxyethyl) 0,0-dimethyldithiophosphate.
- Methyl parathion** 0,0-dimethyl 0-4-nitrophenyl phosphorothioate.
- Methyl trithion** phosphorodithioic acid S-[[[(4-chlorophenyl) thio]-methyl] 0,0-dimethyl ester.
- Methoxychlor** 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)ethane.
- Mirex** 1,1a,2,2,3,3a,4,5,5,5a,5b,6-dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta[cd]pentalene.
- Parathion** 0,0-diethyl 0-p-nitrophenyl phosphorothioate.
- Pertthane** 1,1'-(2,2-dichloroethylidene)bis[4-ethylbenzene].
- Toxaphene** chlorinated camphene containing 67-69 percent chlorine by weight.
- Trithion** S-[[[(p-chlorophenyl)thio]methyl] 0,0-diethyl phosphorodithioate.

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

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.

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

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

Micrograms per gram (UG/G, mg/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.

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

Micrograms per kilogram (UG/KG, mg/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, mg/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.

Microsiemens per centimeter (US/CM, 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 mg/L and is based on the mass of dry sediment per liter of water-sediment mixture.

Miscellaneous site, or miscellaneous station, is a site where streamflow, sediment, and/or water-quality data are collected once, or more often on a random or discontinuous basis.

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.

North American Vertical Datum of 1988 (NAVD 88) is a fixed reference for elevations determined by geodetic leveling. The datum was derived from a general adjustment of the first-order terrestrial leveling nets of the United States, Canada, and Mexico. In the adjustment, only the height of the primary tidal bench mark, referenced to the International Great Lakes Datum of 1985 (IGLD85) Local mean sea level height value, at Father Point, Rimouski, Quebec, Canada was held fixed, this providing minimum constraint. NAVD 88 and IGLD 85 are identical. However NAVD 88 bench mark values are given in Helmert orthometric height units while IGLD 85 values are in dynamic heights. See International Great Lakes Datum of 1985, National Geodetic Vertical Datum of 1929, and geopotential difference.

National Geodetic Vertical Datum of 1929 (NGVD of 1929) is a geodetic datum derived from a general adjustment of the first order level nets of the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, 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>

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

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

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

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 U.S. Geological Survey computerized data system, National Water Information System (NWIS), to uniquely identify a specific constituent or property.

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

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

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

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

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

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

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, or volume.

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

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

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

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

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

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

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

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

River mile is the distance of a point on a river measured in miles from the river's mouth along the low-water channel.

River mileage is the linear distance along the meandering path of a stream channel determined in accordance with Bulletin No. 14 (October 1968) of the Water Resources Council.

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

Sea level refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929. See: http://www.co-ops.nos.noaa.gov/glossary/gloss_n.html#NGVD

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

Suspended sediment is the sediment that is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

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

Suspended-sediment discharge (tons/day) is the quantity of sediment moving in suspension, reported as dry weight, that passes a cross section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft^3/s) x 0.0027.

Suspended-sediment load is a term that refers to material in suspension. 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.

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

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. Waters range in respect to sodium hazard from those which can be used for irrigation on almost all soils to those which are generally unsatisfactory for irrigation.

Solute is any substance that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is 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.

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.

Surface area of a lake or impoundment is that area encompassed by the boundary of the lake or impoundment as shown on USGS topographic maps, or on other available maps or photographs. The computed surface areas reflect the water levels of the lakes or impoundments at the times when the information for the maps or photographs was obtained.

Surficial bed material is the top 0.1 to 0.2 ft of the bed material that is sampled using U.S. Series Bed-Material Samplers.

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

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative suspended-sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

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

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

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

Tons per day (T/DAY, tons/d) is the rate representing a mass of 1 ton of a constituent in streamflow passing a cross section in 1 day. It is equivalent to 2,000 pounds per day, or 0.9072 metric tons per day.

WATER RESOURCES DATA - LOUISIANA, 2000

DEFINITION ON TERMS--Continued

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

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

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

Turbidity is a measurement of the collective optical properties of a water sample that cause light to be scattered and absorbed rather than transmitted in straight lines; the higher the intensity of scattered light, the higher the turbidity. Turbidity is expressed in nephelometric turbidity units (NTU) or Formazin turbidity units (FTU) depending on the method and equipment used.

Volatile organic compounds (VOC's) 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 VOC's are manmade chemicals that are used and produced in the manufacture of paints, adhesives, petroleum products, pharmaceuticals, and refrigerants. They are often components of fuels, solvents, hydraulic fluids, paint thinners, and dry cleaning agents commonly used in urban settings. VOC contamination of drinking-water supplies is a human health concern because many are toxic and are known or suspected human carcinogens (U.S. Environmental Protection Agency, 1996).

Water level is the water-surface elevation or stage of the free surface of a body of water above or below any datum (see "Gage height"), or the surface of water standing in a well, usually indicative of the position of the water table or other potentiometric surface.

Water table is the surface of a ground-water body at which the water is at atmospheric pressure.

Water year in U.S. Geological Survey 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, 2000, is called the "2000 water year."

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

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

Well is an excavation (pit, hole, tunnel), generally cylindrical in form and often walled in, drilled, dug, driven, bored, or jetted into the ground to such a depth as to penetrate water-yielding geologic material and allow the water to flow or to be pumped to the surface.

Wet weight refers to the weight of animal tissue or other substance including its contained water.

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

WATER RESOURCES DATA - LOUISIANA, 2000

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

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

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

Book 1. Collection of Water Data by Direct Measurement**Section D. Water Quality**

- 1-D1. *Water temperature—influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J.F. Ficke, and G. F. Smoot: USGS-TWRI book 1, chap. D1. 1975. 65 pages.
- 1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W.W. Wood: USGS-TWRI book 1, chap. D2. 1976. 24 pages.

Book 2. Collection of Environmental Data**Section D. Surface Geophysical Methods**

- 2-D1. *Application of surface geophysics to ground-water investigations*, by A.A. R. Zohdy, G.P. Eaton, and D.R. Mabey: USGS-TWRI book 2, chap. D1. 1974. 116 pages.
- 2-D2. *Application of seismic-refraction techniques to hydrologic studies*, by F.P. Haeni: USGS-TWRI book 2, chap. D2. 1988. 86 pages.

Section E. Subsurface Geophysical Methods

- 2-E1. *Application of borehole geophysics to water-resources investigations*, by W.S. Keys and L.M. MacCary: USGS-TWRI book 2, chap. E1. 1971. 126 pages.
- 2-E2. *Borehole geophysics applied to ground-water investigations*, by W.S. Keys: USGS-TWRI book 2, chap. E2. 1990. 150 pages.

Section F. Drilling and Sampling Methods

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

Book 3. Applications of Hydraulics**Section A. Surface-Water Techniques**

- 3-A1. *General field and office procedures for indirect discharge measurements*, by M.A. Benson and Tate Dalrymple: USGS-TWRI book 3, chap. A1. 1967. 30 pages.
- 3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M.A. Benson: USGS-TWRI book 3, chap. A2. 1967. 12 pages.
- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G.L. Bodhaine: USGS-TWRI book 3, chap. A3. 1968. 60 pages.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H.F. Matthai: USGS-TWRI book 3, chap. A4. 1967. 44 pages.

WATER RESOURCES DATA - LOUISIANA, 2000

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS-TWRI book 3, chap. A5. 1967. 29 pages.
- 3-A6. *General procedure for gaging streams*, by R.W. Carter and Jacob Davidian: USGS-TWRI book 3, chap. A6. 1968. 13 pages.
- 3-A7. *Stage measurement at gaging stations*, by T.J. Buchanan and W.P. Somers: USGS-TWRI book 3, chap. A7. 1968. 28 pages.
- 3-A8. *Discharge measurements at gaging stations*, by T.J. Buchanan and W.P. Somers: USGS-TWRI book 3, chap. A8. 1969. 65 pages.
- 3-A9. *Measurement of time of travel in streams by dye tracing*, by F.A. Kilpatrick and J.F. Wilson, Jr.: USGS-TWRI book 3, chap. A9. 1989. 27 pages.
- 3-A10. *Discharge ratings at gaging stations*, by E.J. Kennedy: USGS-TWRI book 3, chap. A10. 1984. 59 pages.
- 3-A11. *Measurement of discharge by the moving-boat method*, by G.F. Smoot and C.E. Novak: USGS-TWRI book 3, chap. A11. 1969. 22 pages.
- 3-A12. *Fluorometric procedures for dye tracing*, Revised, by J.F. Wilson, Jr., E.D. Cobb, and F.A. Kilpatrick: USGS-TWRI book 3, chap. A12. 1986. 34 pages.
- 3-A13. *Computation of continuous records of streamflow*, by E.J. Kennedy: USGS-TWRI book 3, chap. A13. 1983. 53 pages.
- 3-A14. *Use of flumes in measuring discharge*, by F.A. Kilpatrick and V.R. Schneider: USGS-TWRI book 3, chap. A14. 1983. 46 pages.
- 3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS-TWRI book 3, chap. A15. 1984. 48 pages.
- 3-A16. *Measurement of discharge using tracers*, by F.A. Kilpatrick and E.D. Cobb: USGS-TWRI book 3, chap. A16. 1985. 52 pages.
- 3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS-TWRI book 3, chap. A17. 1985. 38 pages.
- 3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F.A. Kilpatrick, R.E. Rathbun, Nobuhiro Yotsukura, G.W. Parker, and L.L. DeLong: USGS-TWRI book 3, chap. A18. 1989. 52 pages.
- 3-A19. *Levels at streamflow gaging stations*, by E.J. Kennedy: USGS-TWRI book 3, chap. A19. 1990. 31 pages.
- 3-A20. *Simulation of soluble waste transport and buildup in surface waters using tracers*, by F.A. Kilpatrick: USGS-TWRI book 3, chap. A20. 1993. 38 pages.
- 3-A21. *Stream-gaging cableways*, by C. Russell Wagner: USGS-TWRI book 3, chap. A21. 1995. 56 pages.

Section B. Ground-Water Techniques

- 3-B1. *Aquifer-test design, observation, and data analysis*, by R.W. Stallman: USGS-TWRI book 3, chap. B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G.D. Bennett: USGS-TWRI book 3, chap. B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J.E. Reed: USGS-TWRI book 3, chap. B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by R.L. Cooley and R.L. Naff: USGS-TWRI book 3, chap. B4. 1990. 232 pages.
- 3-B4. *Supplement 1. Regression modeling of ground-water flow --Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by R.L. Cooley: USGS-TWRI book 3, chap. B4. 1993. 8 pages.

WATER RESOURCES DATA - LOUISIANA, 2000

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems—An introduction*, by O.L. Franke, T.E. Reilly, and G.D. Bennett: USGS-TWRI book 3, chap. B5. 1987. 15 pages.
- 3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T.E. Reilly, O.L. Franke, and G.D. Bennett: USGS-TWRI book 3, chap. B6. 1987. 28 pages.
- 3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by E.J. Wexler: USGS-TWRI book 3, chap. B7. 1992. 190 pages.
- 3-B8. *System and boundary conceptualization in ground-water flow simulation*, by T.E. Reilly: USGS-TWRI book 3, chap. B8. 2001. 29 pages.

Section C. Sedimentation and Erosion Techniques

- 3-C1. *Fluvial sediment concepts*, by H.P. Guy: USGS-TWRI book 3, chap. C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by T.K. Edwards and G.D. Glysson: USGS-TWRI book 3, chap. C2. 1999. 89 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS-TWRI book 3, chap. C3. 1972. 66 pages.

Book 4. Hydrologic Analysis and Interpretation**Section A. Statistical Analysis**

- 4-A1. *Some statistical tools in hydrology*, by H.C. Riggs: USGS-TWRI book 4, chap. A1. 1968. 39 pages.
- 4-A2. *Frequency curves*, by H.C. Riggs: USGS-TWRI book 4, chap. A2. 1968. 15 pages.

Section B. Surface Water

- 4-B1. *Low-flow investigations*, by H.C. Riggs: USGS-TWRI book 4, chap. B1. 1972. 18 pages.
- 4-B2. *Storage analyses for water supply*, by H.C. Riggs and C.H. Hardison: USGS-TWRI book 4, chap. B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H.C. Riggs: USGS-TWRI book 4, chap. B3. 1973. 15 pages.

Section D. Interrelated Phases of the Hydrologic Cycle

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

Book 5. Laboratory Analysis**Section A. Water Analysis**

- 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M.J. Fishman and L.C. Friedman, editors: USGS-TWRI book 5, chap. A1. 1989. 545 pages.
- 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P.R. Barnett and E.C. Mallory, Jr.: USGS-TWRI book 5, chap. A2. 1971. 31 pages.
- 5-A3. *Methods for the determination of organic substances in water and fluvial sediments*, edited by R.L. Wershaw, M.J. Fishman, R.R. Grabbe, and L.E. Lowe: USGS-TWRI book 5, chap. A3. 1987. 80 pages.
- 5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, by L.J. Britton and P.E. Greenson, editors: USGS-TWRI book 5, chap. A4. 1989. 363 pages.
- 5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L.L. Thatcher, V.J. Janzer, and K.W. Edwards: USGS-TWRI book 5, chap. A5. 1977. 95 pages.
- 5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments*, by L.C. Friedman and D.E. Erdmann: USGS-TWRI book 5, chap. A6. 1982. 181 pages.

WATER RESOURCES DATA - LOUISIANA, 2000

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

Section C. Sediment Analysis

- 5-C1. *Laboratory theory and methods for sediment analysis*, by H.P. Guy: USGS-TWRI book 5, chap. C1. 1969. 58 pages.

Book 6. Modeling Techniques**Section A. Ground Water**

- 6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M.G. McDonald and A.W. Harbaugh: USGS-TWRI book 6, chap. A1. 1988. 586 pages.
- 6-A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model*, by S.A. Leake and D.E. Prudic: USGS-TWRI book 6, chap. A2. 1991. 68 pages.
- 6-A3. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 1: Model Description and User's Manual*, by L.J. Torak: USGS-TWRI book 6, chap. A3. 1993. 136 pages.
- 6-A4. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 2: Derivation of finite-element equations and comparisons with analytical solutions*, by R.L. Cooley: USGS-TWRI book 6, chap. A4. 1992. 108 pages.
- 6-A5. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 3: Design philosophy and programming details*, by L.J. Torak: USGS-TWRI book 6, chap. A5, 1993. 243 pages.
- 6-A6. *A coupled surface-water and ground-water flow model (MODBRANCH) for simulation of stream-aquifer interaction*, by Eric D. Swain and Eliezer J. Wexler: USGS-TWRI book 6, chap. A5, 1996. 125 pages.

Book 7. Automated Data Processing and Computations**Section C. Computer Programs**

- 7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P.C. Trescott, G.F. Pinder, and S.P. Larson: USGS-TWRI book 7, chap. C1. 1976. 116 pages.
- 7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L.F. Konikow and J.D. Bredehoeft: USGS-TWRI book 7, chap. C2. 1978. 90 pages.
- 7-C3. *A model for simulation of flow in singular and interconnected channels*, by R.W. Schaffranek, R.A. Baltzer, and D.E. Goldberg: USGS-TWRI book 7, chap. C3. 1981. 110 pages.

Book 8. Instrumentation**Section A. Instruments for Measurement of Water Level**

- 8-A1. *Methods of measuring water levels in deep wells*, by M.S. Garber and F.C. Koopman: USGS-TWRI book 8, chap. A1. 1968. 23 pages.
- 8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J.D. Craig: USGS-TWRI book 8, chap. A2. 1983. 57 pages.

Section B. Instruments for Measurement of Discharge

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

Book 9. Handbooks for Water-Resources Investigations**Section A. National Field Manual for the Collection of Water-Quality Data**

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

WATER RESOURCES DATA - LOUISIANA, 2000

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 9-A2. *National Field Manual for the Collection of Water-Quality Data: Selection of Equipment for Water Sampling*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS-TWRI book 9, chap. A2. 1998. 94 p.
- 9-A3. *National Field Manual for the Collection of Water-Quality Data: Cleaning of Equipment for Water Sampling*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS-TWRI book 9, chap. A3. 1998. 75 p.
- 9-A4. *National Field Manual for the Collection of Water-Quality Data: Collection of Water Samples*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS-TWRI book 9, chap. A4. 1999. 156 p.
- 9-A5. *National Field Manual for the Collection of Water-Quality Data: Processing of Water Samples*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibbs, and R.T. Iwatsubo: USGS-TWRI book 9, chap. A5. 1999, 149 p.
- 9-A6. *National Field Manual for the Collection of Water-Quality Data: Field Measurements*, edited by F.D. Wilde and D.B. Radtke: USGS-TWRI book 9, chap. A6. 1998. Variously paginated.
- 9-A7. *National Field Manual for the Collection of Water-Quality Data: Biological Indicators*, edited by D.N. Myers and F.D. Wilde: USGS-TWRI book 9, chap. A7. 1997 and 1999. Variously paginated.
- 9-A8. *National Field Manual for the Collection of Water-Quality Data: Bottom-material samples*, by D.B. Radtke: USGS-TWRI book 9, chap. A8. 1998. 48 pages.
- 9-A9. *National Field Manual for the Collection of Water-Quality Data: Safety in Field Activities*, by S.L. Lane and R.G. Fay: USGS-TWRI book 9, chap. A9. 1998. 60 pages.

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA

LOCATION.--Lat 30°47'35", long 89°49'15", on line between secs. 17 and 18, T. 3 S., R. 14 E., Washington Parish, Hydrologic Unit 03180004, near 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 Oct. 1, 1999, datum of gage 55.00 ft above sea level (NGVD 1929). Prior to July 29, 1954, nonrecording gage at same site and datum.

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

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1780	2310	2100	2230	2430	2320	5400	3450	1670	2030	1380	1210
2	2370	2590	2000	2200	2500	2290	4650	3210	1660	1900	1440	1250
3	2620	2870	1930	2180	2460	2290	4490	3050	1630	1830	1560	1220
4	2450	3730	1890	e3000	2350	2190	5960	2940	1600	1770	1620	1210
5	2180	4060	1900	e4000	2260	2100	14000	2850	1620	1730	1560	1190
6	1940	3380	1910	5190	2210	2060	20400	2790	1640	1690	1520	1180
7	1800	2800	1890	4820	2160	2020	24200	2970	1640	1650	1620	1140
8	1750	2450	1880	3980	2140	1970	27700	3170	1660	1610	1690	1170
9	3330	2270	1900	3430	2140	1960	29700	2940	2120	1580	1700	1230
10	4770	2180	1910	3230	2120	1950	31100	2700	2260	1540	1590	1280
11	4480	2110	1910	3840	2090	1990	31600	2550	1960	1530	1600	1320
12	4070	2050	1910	3680	2060	2250	32200	2430	1740	1490	1630	1320
13	3310	1990	2190	3140	2050	2640	33300	2330	1630	1490	1590	1380
14	2880	1970	2710	2870	2050	3960	34300	2250	1560	1660	1490	1620
15	2560	1940	3530	2730	2040	4640	34600	2160	1550	1650	1410	1640
16	2300	1920	4940	2600	2020	3930	34400	2080	1550	1520	1390	1640
17	2140	1910	4460	2490	2000	3460	33900	2040	1630	1450	1360	1670
18	2030	1880	3710	2410	2010	3670	32800	2010	1750	1440	1320	1610
19	1960	1890	3800	2350	2040	3890	30500	1970	1790	1530	1280	1430
20	1900	1890	3820	2290	2020	4120	23100	1940	2190	1520	1250	1300
21	1860	1890	3750	2240	1980	4430	13200	1930	3110	1530	1250	1240
22	1840	1900	3890	2220	1970	4610	8070	1990	3500	1590	1230	1220
23	1810	1880	3490	2250	1980	5020	6410	1950	3400	1620	1220	1210
24	1780	1870	3120	2330	2020	5020	5640	2040	3180	1570	1230	1220
25	1760	1890	2940	2440	2040	5070	5160	2110	2850	1490	1230	1230
26	1750	1900	2860	2380	2010	5290	4660	2060	2660	1460	1220	1270
27	1760	1880	2730	2260	2070	5050	4400	1950	2670	1430	1190	1340
28	1770	1880	2550	2240	2270	4830	4740	1870	2630	1420	1180	1330
29	1770	1940	2420	2290	2380	5380	4450	1810	2500	1410	1190	1320
30	1790	2070	2330	2370	---	6880	3870	1740	2240	1420	1190	1320
31	1930	---	2280	2420	---	6750	---	1700	---	1400	1200	---
TOTAL	72440	67290	84650	88100	61870	114030	548900	72980	63590	48950	43330	39710
MEAN	2337	2243	2731	2842	2133	3678	18300	2354	2120	1579	1398	1324
MAX	4770	4060	4940	5190	2500	6880	34600	3450	3500	2030	1700	1670
MIN	1750	1870	1880	2180	1970	1950	3870	1700	1550	1400	1180	1140
CFSM	.36	.34	.42	.43	.32	.56	2.78	.36	.32	.24	.21	.20
IN.	.41	.38	.48	.50	.35	.65	3.11	.41	.36	.28	.25	.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

	MEAN	2919	4221	9795	15470	19640	20470	19260	12170	5586	4537	3716	2861
MAX	10390	16150	40080	48900	56830	46670	67290	56770	22540	26570	16710	9543	
(WY)	1976	1958	1983	1974	1990	1987	1980	1991	1983	1940	1975	1979	
MIN	1110	1233	1713	2174	2133	3678	3214	1926	1651	1564	1398	1246	
(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 1999 CALENDAR YEAR			FOR 2000 WATER YEAR			WATER YEARS 1939 - 2000	
ANNUAL TOTAL	2400810			1305840			9967	
ANNUAL MEAN	6578			3568			22560	1983
HIGHEST ANNUAL MEAN							3412	1963
LOWEST ANNUAL MEAN							127000	Apr 24 1979
HIGHEST DAILY MEAN	41500	Mar 17		34600	Apr 15		1020	Oct 29 1963
LOWEST DAILY MEAN	1500	Sep 24		1140	Sep 7		1030	Oct 26 1963
ANNUAL SEVEN-DAY MINIMUM	1510	Sep 22		1190	Sep 3		129000	Apr 24 1979
INSTANTANEOUS PEAK FLOW				37400	Apr 15		23.23	Apr 24 1979
INSTANTANEOUS PEAK STAGE				20.32	Apr 15		1020	Oct 30 1963
INSTANTANEOUS LOW FLOW				1130	Sep 7		a.70	Oct 30 1963
INSTANTANEOUS LOW STAGE				6.17	Sep 7		1.52	
ANNUAL RUNOFF (CFSM)	1.00			.54			20.60	
ANNUAL RUNOFF (INCHES)	13.59			7.39			28000	
10 PERCENT EXCEEDS	13800			4750			4520	
50 PERCENT EXCEEDS	2630			2040			1820	
90 PERCENT EXCEEDS	1760			1340				

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.29	8.18	7.85	8.06	8.37	8.20	12.16	9.40	7.30	7.74	6.58	6.32
2	8.26	8.60	7.70	8.01	8.47	8.15	11.33	9.10	7.30	7.52	6.68	6.40
3	8.65	9.02	7.56	7.98	8.41	8.16	11.15	8.90	7.27	7.38	6.88	6.34
4	8.40	10.20	7.49	---	8.25	8.00	12.55	8.76	7.23	7.27	6.99	6.31
5	7.98	10.63	7.51	---	8.10	7.85	16.75	8.64	7.29	7.19	6.88	6.29
6	7.59	9.76	7.52	---	8.02	7.79	18.40	8.58	7.34	7.12	6.82	6.27
7	7.32	8.92	7.49	11.53	7.96	7.72	19.07	8.85	7.34	7.04	7.00	6.18
8	7.23	8.40	7.47	10.53	7.93	7.64	19.48	9.16	7.38	6.97	7.12	6.26
9	9.60	8.13	7.52	9.82	7.92	7.61	19.68	8.86	8.12	6.92	7.14	6.39
10	11.48	7.99	7.52	9.55	7.89	7.60	19.82	8.51	8.33	6.85	6.93	6.51
11	11.14	7.87	7.52	10.35	7.85	7.67	19.87	8.32	7.88	6.83	6.96	6.61
12	10.63	7.78	7.52	10.15	7.80	8.10	19.92	8.15	7.53	6.76	7.02	6.62
13	9.66	7.67	7.99	9.43	7.78	8.69	20.02	8.02	7.33	6.76	6.95	6.73
14	9.04	7.63	8.78	9.02	7.79	10.48	20.10	7.92	7.21	7.07	6.78	7.16
15	8.56	7.59	9.92	8.82	7.77	11.33	20.12	7.80	7.18	7.05	6.65	7.19
16	8.17	7.55	11.67	8.61	7.73	10.47	20.11	7.71	7.18	6.81	6.63	7.20
17	7.92	7.52	11.11	8.45	7.69	9.87	20.07	7.65	7.33	6.69	6.57	7.26
18	7.74	7.48	10.20	8.34	7.71	10.15	19.98	7.62	7.55	6.68	6.50	7.15
19	7.61	7.49	10.31	8.24	7.77	10.42	19.76	7.58	7.61	6.83	6.41	6.84
20	7.51	7.50	10.34	8.15	7.73	10.70	18.83	7.53	8.20	6.81	6.35	6.59
21	7.44	7.50	10.25	8.08	7.66	11.08	16.50	7.54	9.44	6.83	6.35	6.47
22	7.39	7.51	10.42	8.05	7.64	11.29	14.20	7.67	9.93	6.94	6.30	6.43
23	7.35	7.47	9.90	8.09	7.66	11.77	12.88	7.62	9.78	6.99	6.29	6.40
24	7.29	7.45	9.40	8.21	7.73	11.77	12.07	7.80	9.48	6.90	6.32	6.43
25	7.24	7.49	9.13	8.38	7.77	11.83	11.50	7.93	8.99	6.77	6.32	6.46
26	7.24	7.51	9.01	8.29	7.71	12.09	10.81	7.88	8.71	6.70	6.30	6.54
27	7.25	7.47	8.81	8.11	7.82	11.81	10.51	7.70	8.73	6.66	6.24	6.72
28	7.26	7.47	8.54	8.08	8.12	11.55	10.98	7.59	8.66	6.64	6.21	6.71
29	7.27	7.58	8.35	8.15	8.29	12.14	10.63	7.50	8.47	6.62	6.25	6.68
30	7.31	7.81	8.22	8.27	---	13.45	9.93	7.39	8.08	6.64	6.26	6.69
31	7.56	---	8.14	8.35	---	13.35	---	7.33	---	6.60	6.28	---
MAX	11.48	10.63	11.67	---	8.47	13.45	20.12	9.40	9.93	7.74	7.14	7.26
MIN	7.23	7.45	7.47	---	7.64	7.60	9.93	7.33	7.18	6.60	6.21	6.18

LOCATION.--Lat 31°10'36", long 90°16'46", in NW1/4 SE1/4 SE1/4 sec.34, T.3 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, near right bank on downstream side of bridge on U.S. Highway 98, 0.2 mi upstream from Bars Branch, 2.2 mi downstream from Topisaw Creek, and 9.2 mi northwest of Tylertown.

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

ANNUAL TOTAL	190845		98381						
ANNUAL MEAN	523		269			806			
HIGHEST ANNUAL MEAN						1301		1983	
LOWEST ANNUAL MEAN						269		2000	
HIGHEST DAILY MEAN	14300	Mar 14	2520	Apr 4		56900	Apr 7	1983	
LOWEST DAILY MEAN	198	Oct 7	141	Sep 6		141	Sep 6	2000	
ANNUAL SEVEN-DAY MINIMUM	206	Sep 22	146	Sep 2		146	Sep 2	2000	
INSTANTANEOUS PEAK FLOW			2700	Apr 4		64200	Apr 7	1983	
INSTANTANEOUS PEAK STAGE			10.13	Apr 4		34.62	Apr 7	1983	
ANNUAL RUNOFF (CFPM)	1.06		.55			1.64			
ANNUAL RUNOFF (INCHES)	14.43		7.44			22.26			
10 PERCENT EXCEEDS	587		358			1560			
50 PERCENT EXCEEDS	270		228			396			
90 PERCENT EXCEEDS	214		164			246			

PEARL RIVER BASIN

02491500 BOGUE CHITTO AT FRANKLINTON, LA

LOCATION.--Lat 30°50'34", long 90°09'43", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 26, T. 2 S., R. 10 E., Washington Parish, Hydrologic Unit 03180005, at bridge on State Highway 10, 0.8 mi west of Franklinton, and 3.5 mi upstream from Lawrence Creek.

DRAINAGE AREA.--990 mi².

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

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

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

AVERAGE DISCHARGE.--22 years (water years 1929-31, 1939-57), 1,596 ft³/s, 22.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 125,000 ft³/s, Apr. 7, 1983, gage height, 24.69 ft; minimum discharge, 350 ft³/s, Nov. 6-8, 1938; minimum gage height, not determined.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,310 ft³/s, Apr. 5; gage height, 3.56 ft; minimum gage height, 0.54 ft, Sept. 5, 6.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.82	1.01	.87	1.04	1.11	1.04	1.18	.78	.63	.83	.71	.65
2	.90	1.01	.87	1.04	1.08	.98	1.15	.78	.62	.78	.69	.63
3	.89	.95	.88	1.10	1.06	.96	1.16	.78	.62	.75	.71	.61
4	.86	.90	.90	1.96	1.04	.96	2.17	.80	.62	.73	.86	.60
5	.81	.86	.93	2.03	1.03	.94	3.49	.83	.63	.71	.75	.57
6	.78	.85	.93	2.62	1.02	.92	3.35	1.04	.76	.66	.72	.55
7	.78	.84	---	2.17	1.03	.92	2.15	1.04	.75	.63	.72	.56
8	.84	.84	---	1.56	1.02	.91	1.50	.86	.78	.63	.75	.61
9	1.40	.85	---	1.43	1.01	.91	1.25	.80	.70	.61	.77	.66
10	2.39	.85	---	2.41	1.00	.91	1.12	.77	.72	.61	.73	.70
11	2.36	.86	---	2.04	1.01	1.00	1.04	.75	.66	.60	.75	.70
12	1.83	.86	---	1.84	1.00	1.10	.99	.74	.65	.60	.81	.70
13	1.31	.86	1.10	1.56	.99	1.07	1.03	.73	.65	.61	.79	.81
14	1.03	.86	1.14	1.38	.98	1.11	.99	.71	.65	.59	.73	.97
15	.92	.86	1.43	1.29	.97	1.05	1.17	.69	.65	.58	.74	.94
16	.87	.85	1.45	1.24	.95	1.09	1.11	.69	.67	.56	.72	.90
17	.84	.85	1.18	1.20	.95	1.04	1.02	.68	.82	.56	.70	.71
18	.81	.85	1.29	1.18	.96	1.00	.96	.69	.87	.59	.69	.64
19	.80	.86	1.64	1.17	.95	1.20	.91	.68	.95	.67	.68	.60
20	.79	.88	1.42	1.14	.93	1.30	.88	.68	.98	.65	.68	.59
21	.78	.89	1.70	1.12	.92	1.25	.85	.69	.87	.79	.68	.58
22	.77	.88	1.61	1.11	.92	1.31	.82	.69	.80	.84	.67	.58
23	.77	.89	1.41	1.19	.92	1.19	.82	.68	.79	.72	.68	.59
24	.76	.89	1.35	1.25	.92	1.08	.93	.67	.78	.69	.67	1.14
25	.75	.89	1.24	1.18	.92	1.03	.94	.67	.83	.71	.67	.83
26	.75	.91	1.17	1.14	.92	1.02	.89	.66	.90	.66	.68	1.12
27	.75	.90	1.12	1.10	1.14	1.10	.86	.65	1.54	.63	.71	1.09
28	.76	.89	1.09	1.13	1.12	1.18	.84	.65	1.10	.64	.70	.92
29	.77	.89	1.07	1.16	1.06	1.37	.81	.64	.99	.63	.66	.74
30	.80	.88	1.05	1.14	---	1.39	.80	.63	.89	.62	.64	.66
31	.89	---	1.04	1.14	---	1.23	---	.63	---	.64	.66	---
MAX	2.39	1.01	---	2.62	1.14	1.39	3.49	1.04	1.54	.84	.86	1.14
MIN	.75	.84	---	1.04	.92	.91	.80	.63	.62	.56	.64	.55

02492000 BOGUE CHITTO NEAR BUSH, LA

LOCATION.--Lat 30°37'45", long 89°53'50", in SE 1/4 NE 1/4 sec. 42, T. 5 S., R. 13 E., St. Tammany Parish, Hydrologic Unit 03180005, near center of span on downstream side of bridge on State Highway 21, 0.2 mi downstream from Illinois Central Gulf Railroad bridge, and 1.4 mi north of Bush.

DRAINAGE AREA.--1,213 mi².

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

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

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

REMARKS.--Records good. Several measurements of water temperature were made during the year. Satellite telemetry at station.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	682	763	589	797	919	849	960	652	460	583	422	391
2	659	823	588	788	891	826	920	643	460	539	419	394
3	687	774	594	783	869	793	919	635	452	507	e420	387
4	681	710	601	1050	852	776	995	634	459	487	e418	383
5	665	667	621	1820	836	773	1720	638	525	471	e415	382
6	626	638	625	1850	824	759	2550	650	503	460	e417	375
7	606	622	621	2020	821	748	2530	757	530	452	e418	371
8	615	613	615	1640	823	743	1680	745	521	446	e415	394
9	1420	607	615	1280	821	743	1210	662	523	440	e413	425
10	1870	603	617	1270	813	742	1020	623	486	433	e400	456
11	2130	602	623	1890	807	762	930	608	486	426	e403	460
12	1880	600	628	1640	804	846	882	592	460	420	e407	468
13	1430	597	845	1450	802	897	972	582	450	415	e417	488
14	1040	594	989	1240	797	872	1020	569	447	419	e420	585
15	839	592	904	1110	788	891	965	556	445	418	e430	608
16	753	586	991	1040	780	908	1020	549	448	407	423	601
17	708	581	949	1000	775	946	959	543	462	405	414	589
18	673	580	912	972	774	894	883	540	561	398	401	516
19	647	582	1720	950	773	942	826	536	596	411	392	477
20	630	589	1820	930	763	1110	784	532	620	443	386	457
21	616	598	1780	905	755	1120	751	539	610	433	388	452
22	608	600	2070	889	747	1060	722	533	554	526	382	460
23	601	598	1610	906	745	1040	704	529	513	539	382	467
24	593	596	1260	999	749	956	730	519	502	477	389	455
25	585	597	1120	998	748	888	772	512	490	458	388	658
26	583	607	1000	941	745	853	757	506	557	461	385	580
27	581	610	928	903	794	877	722	500	594	437	392	673
28	581	606	879	906	903	939	700	492	918	430	410	684
29	579	601	845	944	887	975	682	481	738	422	413	611
30	590	597	824	955	---	1060	664	471	656	415	389	533
31	664	---	808	932	---	1050	---	464	---	412	394	---
TOTAL	25822	18733	29591	35798	23405	27638	30949	17792	16026	13990	12562	14780
MEAN	833	624	955	1155	807	892	1032	574	534	451	405	493
MAX	2130	823	2070	2020	919	1120	2550	757	918	583	430	684
MIN	579	580	588	783	745	742	664	464	445	398	382	371
CFSM	.69	.51	.79	.95	.67	.73	.85	.47	.44	.37	.33	.41
IN.	.79	.57	.91	1.10	.72	.85	.95	.55	.49	.43	.39	.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2000, BY WATER YEAR (WY)

	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
MEAN	930	1224	2163	2940	3451	3310	3256	2121	1403	1237	1108	1005
MAX	2772	4298	7751	10020	10240	9284	14640	8770	5387	4020	3024	2597
(WY)	1985	1962	1962	1998	1966	1943	1983	1991	1975	1946	1953	1971
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

PEARL RIVER BASIN

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1938 - 2000	
ANNUAL TOTAL	496133		267086		2005	
ANNUAL MEAN	1359		730		3697	1983
HIGHEST ANNUAL MEAN					730	2000
LOWEST ANNUAL MEAN					126000	Apr 8 1983
HIGHEST DAILY MEAN	26900	Mar 16	2550	Apr 6	369	Oct 26 1968
LOWEST DAILY MEAN	572	Sep 23	371	Sep 7	382	Oct 25 1968
ANNUAL SEVEN-DAY MINIMUM	577	Sep 22	383	Sep 1	132000	Apr 8 1983
INSTANTANEOUS PEAK FLOW			2660	Apr 7	21.22	Apr 8 1983
INSTANTANEOUS PEAK STAGE			7.10	Apr 7	a366	Oct 22 1968
INSTANTANEOUS LOW FLOW			366	Sep 6	b.70	Oct 1 1937
INSTANTANEOUS LOW STAGE			2.24	Sep 6	1.65	
ANNUAL RUNOFF (CFSM)	1.12		.60		22.46	
ANNUAL RUNOFF (INCHES)	15.22		8.19			
10 PERCENT EXCEEDS	1710		1040		3830	
50 PERCENT EXCEEDS	823		623		1140	
90 PERCENT EXCEEDS	600		416		640	

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

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

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.08	3.49	3.01	3.45	3.64	3.47	3.74	3.04	2.59	2.99	2.49	2.34
2	3.02	3.64	3.01	3.43	3.58	3.42	3.65	3.02	2.60	2.86	2.48	2.35
3	3.09	3.51	3.02	3.42	3.52	3.33	3.64	3.00	2.58	2.76	---	2.32
4	3.08	3.35	3.04	4.07	3.48	3.29	3.83	3.00	2.60	2.70	---	2.30
5	3.03	3.23	3.10	5.69	3.44	3.28	5.42	3.02	2.82	2.65	---	2.29
6	2.92	3.15	3.11	5.75	3.41	3.25	6.92	3.05	2.75	2.61	---	2.27
7	2.87	3.10	3.10	6.07	3.40	3.22	6.89	3.35	2.83	2.59	---	2.26
8	2.89	3.08	3.08	5.31	3.41	3.20	5.42	3.32	2.81	2.57	---	2.34
9	4.79	3.06	3.08	4.52	3.40	3.20	4.42	3.10	2.81	2.55	---	2.43
10	5.79	3.05	3.09	4.50	3.38	3.20	4.00	3.00	2.70	2.53	---	2.53
11	6.25	3.05	3.11	5.81	3.37	3.25	3.76	2.95	2.70	2.50	---	2.54
12	5.82	3.04	3.12	5.31	3.36	3.47	3.64	2.92	2.61	2.48	---	2.57
13	4.98	3.03	3.68	4.92	3.36	3.59	3.86	2.89	2.58	2.47	---	2.63
14	4.15	3.02	4.04	4.44	3.34	3.53	3.98	2.86	2.57	2.48	---	2.93
15	3.68	3.02	3.84	4.13	3.32	3.58	3.85	2.82	2.57	2.48	---	2.99
16	3.46	3.00	4.04	3.96	3.30	3.62	3.99	2.80	2.58	2.44	2.47	2.97
17	3.34	2.99	3.94	3.85	3.29	3.71	3.83	2.79	2.62	2.43	2.43	2.94
18	3.25	2.98	3.85	3.77	3.28	3.58	3.64	2.78	2.93	2.41	2.39	2.71
19	3.17	2.99	5.52	3.72	3.28	3.70	3.49	2.78	3.03	2.45	2.36	2.59
20	3.13	3.01	5.71	3.67	3.26	4.12	3.38	2.77	3.10	2.56	2.34	2.52
21	3.09	3.04	5.63	3.61	3.23	4.14	3.28	2.79	3.07	2.53	2.35	2.50
22	3.06	3.04	6.14	3.57	3.21	3.99	3.21	2.78	2.91	2.82	2.32	2.52
23	3.04	3.04	5.29	3.61	3.21	3.95	3.16	2.77	2.78	2.86	2.32	2.55
24	3.02	3.03	4.56	3.84	3.22	3.74	3.23	2.75	2.75	2.67	2.34	2.51
25	3.00	3.03	4.23	3.84	3.22	3.57	3.34	2.73	2.71	2.61	2.34	3.12
26	2.99	3.06	3.96	3.70	3.21	3.48	3.30	2.71	2.91	2.62	2.33	2.90
27	2.98	3.07	3.78	3.61	3.34	3.54	3.21	2.70	3.02	2.54	2.35	3.16
28	2.98	3.06	3.66	3.61	3.61	3.69	3.16	2.68	3.87	2.52	2.41	3.20
29	2.98	3.04	3.58	3.70	3.57	3.78	3.11	2.65	3.42	2.49	2.41	2.98
30	3.01	3.03	3.52	3.73	---	4.00	3.07	2.62	3.20	2.47	2.33	2.75
31	3.22	---	3.48	3.68	---	3.97	---	2.60	---	2.46	2.35	---
MAX	6.25	3.64	6.14	6.07	3.64	4.14	6.92	3.35	3.87	2.99	---	3.20
MIN	2.87	2.98	3.01	3.42	3.21	3.20	3.07	2.60	2.57	2.41	---	2.26

02492600 PEARL RIVER AT PEARL RIVER, LA

LOCATION.--Lat 30°23'06", long 89°44'12", in NW 1/4 NW 1/4 sec. 6, T. 8 S., R. 15 E., St. Helena Meridian, St. Tammany Parish, Hydrologic Unit 03180004, on left bank on downstream side of Norfolk and Southern Railroad bridge over West Pearl River, 700 ft upstream from Interstate Highway 59, and 0.8 mi northeast of town of Pearl River.

DRAINAGE AREA.--8,494 mi², includes East Pearl River.

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

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

GAGE.--Water-stage recorder. Datum of gage is 0.05 ft. below sea level (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, 34,500 ft³/s, Apr. 17; gage height, 14.59 ft; minimum gage height recorded, 2.68 ft, Aug. 26.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.63	4.63	4.19	4.83	5.04	4.86	8.53	6.56	3.85	4.96	3.22	2.81
2	3.87	4.78	4.31	4.76	5.04	4.81	8.33	6.15	3.78	4.70	3.15	2.85
3	3.99	4.91	4.33	4.73	5.05	4.74	7.76	5.85	3.70	4.32	---	2.91
4	4.50	5.11	4.30	4.78	5.01	4.64	7.42	5.64	3.65	4.07	---	2.97
5	4.56	5.67	4.22	5.22	4.85	4.55	7.68	5.51	3.65	3.91	---	2.90
6	4.45	6.08	4.03	6.67	4.73	4.47	9.27	5.40	3.72	3.76	---	2.98
7	4.33	5.85	4.01	7.67	4.64	4.39	10.92	5.31	3.77	3.61	---	3.30
8	4.40	5.24	4.05	8.09	4.58	4.35	12.11	5.41	3.81	3.52	---	3.50
9	4.62	4.89	4.09	7.57	4.54	4.30	12.75	5.58	3.86	3.47	---	3.45
10	6.63	4.62	4.07	7.02	4.52	4.24	13.17	5.49	4.15	3.40	---	3.44
11	7.92	4.40	4.03	6.68	4.52	4.21	13.50	5.24	4.43	3.28	---	3.48
12	8.00	4.22	4.11	7.10	4.49	4.16	13.75	5.03	4.35	3.18	---	3.51
13	7.61	4.15	4.30	7.12	4.51	4.44	14.03	4.85	4.08	3.07	---	3.50
14	6.80	4.06	4.54	6.64	4.57	4.89	14.25	4.67	3.87	2.99	---	3.61
15	6.04	3.89	5.09	6.16	4.51	5.76	14.38	4.56	3.79	3.13	---	3.73
16	5.50	3.80	5.57	5.82	4.52	6.76	14.48	4.45	3.82	3.28	---	3.89
17	5.06	3.78	6.71	5.56	4.45	6.79	14.56	4.40	3.89	3.18	---	3.95
18	4.68	3.77	7.16	5.36	4.45	6.43	14.56	4.39	3.91	3.03	---	4.02
19	4.41	3.82	7.17	5.20	4.37	6.39	14.48	4.33	4.08	---	---	3.82
20	4.20	3.83	7.44	5.04	4.31	6.56	14.33	4.27	4.23	---	---	3.63
21	4.06	3.83	7.62	4.90	4.30	6.82	13.99	4.24	4.36	3.10	---	3.47
22	3.95	3.91	7.70	4.89	4.26	7.05	13.07	4.15	4.93	3.19	---	3.51
23	3.82	3.96	7.76	4.89	4.28	7.16	11.37	4.15	5.42	3.35	---	3.43
24	3.76	3.89	7.24	4.96	4.31	7.34	9.84	4.12	5.58	3.43	---	3.21
25	3.73	3.81	6.59	5.02	4.34	7.45	8.72	4.06	5.49	3.39	2.91	3.04
26	3.61	3.75	6.12	5.05	4.42	7.43	7.98	4.10	5.26	3.33	2.72	3.05
27	3.64	3.77	5.80	5.03	4.48	7.58	7.43	4.15	5.10	3.27	---	3.11
28	3.64	3.74	5.55	5.06	4.48	7.60	6.98	4.00	5.11	3.24	---	3.35
29	3.70	3.67	5.29	5.08	4.69	7.49	6.95	3.83	5.30	3.16	---	3.53
30	3.93	3.76	5.08	5.02	---	7.59	6.91	3.81	5.24	3.14	---	3.57
31	4.27	---	4.94	5.01	---	8.12	---	3.83	---	3.17	2.76	---
MAX	8.00	6.08	7.76	8.09	5.05	8.12	14.56	6.56	5.58	---	---	4.02
MIN	3.61	3.67	4.01	4.73	4.26	4.16	6.91	3.81	3.65	---	---	2.81

PEARL RIVER BASIN

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA

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

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 1999 to September 2000.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.63 ft, Sep. 7, 2000; minimum recorded, 2.40 ft, Jan. 20, 2000.

EXTREMES FOR CURRENT YEAR.--1999 W.Y.: Maximum gage height recorded for the period June to September, 7.03 ft, Sept. 20; minimum gage height recorded, 2.69 ft, Aug. 9.

2000 W.Y.: Maximum gage height recorded, 7.63 ft, Sept. 7; minimum gage height recorded, 2.40 ft, Jan. 20.

GAGE HEIGHT, FEET, WATER YEAR JUNE 1999 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1				5.37	3.13	4.34	5.23	3.95	4.57	6.54	5.31	5.88
2				5.49	3.64	4.60	4.97	4.26	4.63	6.55	4.90	5.55
3				5.61	3.77	4.90	4.71	4.44	4.56	6.18	4.52	5.40
4				5.61	4.57	5.21	4.84	4.20	4.53	6.01	3.80	4.98
5				5.72	4.74	5.25	5.16	3.76	4.49	5.62	3.59	4.69
6				5.24	4.43	4.87	5.32	3.72	4.57	5.60	3.83	4.76
7				5.10	4.38	4.71	5.67	3.63	4.70	5.88	3.95	4.97
8				5.45	4.22	4.83	5.61	3.04	4.46	5.98	4.15	5.17
9				5.86	4.03	5.00	5.37	2.69	4.44	6.17	4.62	5.35
10				6.02	3.54	4.88	5.73	3.20	4.51	6.28	4.89	5.56
11				5.95	3.30	4.75	---	---	---	---	---	---
12				5.99	3.00	4.58	---	---	---	---	---	---
13				5.94	3.33	4.69	---	---	---	---	---	---
14				5.97	3.67	4.78	---	---	---	---	---	---
15				5.82	3.84	4.83	---	---	---	---	---	---
16				5.80	4.20	4.97	---	---	---	4.95	4.18	4.53
17				5.85	4.40	5.17	---	---	---	5.19	4.29	4.81
18				5.75	4.76	5.20	4.74	4.06	4.37	5.54	4.45	4.99
19				5.52	4.88	5.21	4.81	3.88	4.37	6.10	4.72	5.45
20				5.44	4.70	5.02	5.06	3.86	4.51	7.03	4.96	5.84
21				5.40	4.35	4.87	5.21	3.76	4.49	6.50	4.03	5.46
22				5.11	3.61	4.49	5.15	3.58	4.47	6.13	3.70	4.93
23	5.27	4.04	4.65	5.09	3.52	4.34	5.56	3.52	4.60	5.87	4.07	5.11
24	5.07	3.54	4.34	5.49	3.54	4.60	5.44	3.74	4.64	5.82	4.61	5.26
25	5.19	3.38	4.28	5.61	3.67	4.60	5.57	3.54	4.62	5.77	4.91	5.29
26	5.38	3.15	4.27	5.47	3.42	4.51	5.33	3.48	4.41	5.88	4.69	5.32
27	5.71	3.25	4.49	5.56	3.47	4.61	5.42	3.83	4.61	6.09	5.05	5.50
28	5.38	2.93	4.20	5.81	3.71	4.73	5.40	4.23	4.71	6.13	4.71	5.28
29	5.26	2.91	4.00	5.58	3.56	4.58	5.08	4.28	4.66	5.88	4.39	5.00
30	5.27	2.94	4.06	5.21	3.70	4.38	5.08	4.53	4.79	6.24	4.48	5.16
31	---	---	---	5.25	3.85	4.58	5.86	4.51	5.02	---	---	---
MONTH	---	---	---	6.02	3.00	4.78	---	---	---	---	---	---

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.29	4.59	5.42	6.22	4.77	5.44	5.32	4.37	4.91	5.37	3.74	4.55
2	6.35	4.69	5.53	5.62	3.53	4.70	5.65	4.57	4.99	5.41	3.67	4.51
3	6.22	4.42	5.32	5.54	4.25	4.86	6.14	4.73	5.37	5.63	3.85	4.75
4	6.14	4.45	5.28	5.16	4.66	4.89	6.04	5.16	5.57	5.04	2.93	3.98
5	5.93	4.42	5.13	5.33	4.57	4.91	5.93	4.76	5.31	5.07	3.38	4.30
6	5.87	4.65	5.46	5.43	4.57	5.00	5.93	4.26	5.02	5.38	3.27	4.29
7	6.31	5.36	5.90	5.63	4.23	4.91	6.03	4.11	5.04	5.29	3.45	4.23
8	6.30	5.31	5.82	5.95	4.36	5.15	6.04	4.15	5.07	5.80	3.70	4.58
9	5.90	4.83	5.44	6.34	4.47	5.30	6.17	4.38	5.17	5.88	3.75	4.61
10	5.66	4.60	5.05	6.32	4.60	5.38	5.98	3.59	4.68	5.88	3.68	4.58
11	5.73	4.59	5.13	6.21	4.44	5.16	6.07	3.98	4.87	5.26	3.89	4.52
12	5.77	4.56	5.05	6.04	4.56	5.17	6.29	4.23	5.10	4.98	3.95	4.39
13	5.59	4.30	4.96	6.06	4.42	5.27	6.29	3.42	4.63	5.02	3.91	4.54
14	6.00	4.58	5.11	5.89	3.97	4.81	5.30	4.12	4.80	5.11	3.87	4.69
15	6.04	4.57	5.25	5.42	4.13	4.73	5.23	3.55	4.34	4.87	4.19	4.60
16	6.04	4.39	5.14	5.81	4.45	5.04	4.95	4.28	4.65	5.00	3.67	4.33
17	5.72	3.97	4.88	5.74	4.50	5.11	5.27	4.25	4.69	5.41	3.57	4.53
18	5.54	4.10	4.88	5.56	4.82	5.22	5.55	4.60	5.05	5.34	3.06	4.23
19	5.67	4.12	4.87	5.75	4.95	5.37	5.63	4.20	4.92	5.64	2.75	4.22
20	5.55	4.37	4.84	5.64	4.99	5.28	6.19	3.78	4.78	5.58	2.40	4.06
21	5.56	4.13	4.78	6.22	4.57	5.39	5.99	4.25	5.20	5.35	3.42	4.48
22	5.13	4.26	4.68	6.53	4.50	5.49	6.01	3.30	4.61	5.83	3.81	4.73
23	5.06	4.00	4.62	6.23	4.26	5.28	5.68	3.23	4.36	6.10	3.40	4.54
24	5.40	4.36	4.95	6.34	3.73	4.99	5.11	2.56	3.75	6.18	3.54	4.43
25	5.71	4.21	4.93	6.34	3.84	4.98	5.11	3.24	4.11	4.76	3.61	4.01
26	5.86	3.93	4.89	6.27	4.02	5.06	4.93	2.91	3.75	4.28	3.64	4.03
27	5.96	3.95	4.87	6.27	3.92	5.00	4.50	3.29	3.88	4.88	3.98	4.39
28	6.12	3.93	4.87	5.82	3.83	4.78	4.48	3.58	4.00	6.60	3.94	5.64
29	6.46	4.33	5.33	5.32	4.11	4.66	4.56	3.77	4.12	5.40	4.28	4.94
30	6.66	4.62	5.66	5.77	4.33	4.93	4.80	3.88	4.29	5.02	3.38	4.25
31	6.72	4.56	5.67	---	---	---	5.23	3.95	4.55	4.90	3.28	4.22
MONTH	6.72	3.93	5.15	6.53	3.53	5.08	6.29	2.56	4.70	6.60	2.40	4.46

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	5.17	3.50	4.33	5.14	3.76	4.52	5.79	4.17	5.09	5.29	4.35	4.85
2	5.04	3.43	4.19	5.25	3.40	4.40	5.69	4.48	4.98	5.34	4.47	5.01
3	4.91	3.27	4.04	5.17	3.64	4.47	5.73	4.35	5.05	5.61	4.02	4.96
4	4.99	2.93	3.92	5.23	3.20	4.37	5.79	3.93	4.53	5.97	4.30	5.15
5	4.64	3.44	4.02	5.29	4.04	4.56	5.11	3.57	4.53	6.30	3.80	5.23
6	4.87	3.25	3.95	5.19	4.03	4.52	5.01	3.70	4.36	6.32	3.74	5.01
7	4.79	3.34	3.98	4.97	4.11	4.49	5.51	3.73	4.67	5.95	3.63	4.83
8	4.62	3.50	4.09	4.98	4.42	4.70	5.04	3.57	4.38	5.89	3.68	4.88
9	4.49	3.53	3.89	4.99	4.44	4.73	5.64	3.25	4.57	5.79	3.76	4.86
10	4.44	3.93	4.18	5.34	4.24	4.85	5.59	3.19	4.49	5.63	3.79	4.81
11	4.64	4.08	4.34	5.48	3.60	4.71	5.88	3.86	4.85	5.35	4.00	4.77
12	5.04	3.91	4.49	5.36	3.70	4.65	5.78	4.04	4.92	5.22	4.21	4.81
13	5.56	3.76	4.77	5.32	3.73	4.59	5.67	3.87	4.74	5.15	4.51	4.75
14	5.48	3.66	4.68	5.71	3.52	4.79	5.83	4.28	5.04	5.26	4.54	4.82
15	5.89	3.54	4.87	6.34	4.05	5.25	5.57	4.83	5.28	5.33	4.11	4.73
16	5.64	3.22	4.49	5.79	4.05	5.10	5.43	4.55	4.87	5.45	4.15	4.82
17	5.71	3.43	4.65	5.59	3.93	4.89	5.00	4.07	4.51	5.63	3.97	4.88
18	5.69	3.44	4.58	5.71	3.84	4.68	5.36	3.93	4.62	5.89	3.93	5.01
19	5.52	3.51	4.47	6.02	4.50	5.02	5.39	4.01	4.67	5.72	3.96	4.87
20	5.47	4.00	4.54	5.05	4.32	4.78	5.43	3.90	4.69	5.92	3.81	4.92
21	4.85	3.94	4.31	5.07	4.30	4.74	5.52	3.69	4.59	5.85	3.69	4.78
22	4.85	3.90	4.36	5.01	3.80	4.45	5.81	3.71	4.77	5.58	3.63	4.68
23	5.12	4.29	4.71	5.25	4.01	4.57	6.29	3.74	5.07	5.55	3.67	4.63
24	4.91	4.27	4.60	5.36	4.11	4.66	5.87	3.89	5.02	5.26	3.69	4.51
25	5.26	4.33	4.80	5.35	4.00	4.69	5.65	3.82	4.76	5.45	3.77	4.69
26	5.31	4.33	4.86	5.41	3.91	4.71	5.58	3.77	4.67	5.19	4.09	4.74
27	5.20	3.70	4.59	5.61	4.11	4.81	5.37	3.96	4.71	5.00	4.27	4.67
28	5.28	3.90	4.78	5.63	4.26	5.08	5.02	3.61	4.44	4.75	4.18	4.49
29	5.32	3.71	4.59	5.87	4.18	5.16	5.05	4.37	4.78	4.98	4.18	4.57
30	---	---	---	5.41	4.39	5.01	5.08	4.20	4.72	5.36	4.10	4.77
31	---	---	---	5.32	4.42	4.98	---	---	---	5.83	4.37	5.08
MONTH	5.89	2.93	4.42	6.34	3.20	4.74	6.29	3.19	4.75	6.32	3.63	4.83

PEARL RIVER BASIN

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.93	3.87	4.94	6.03	3.20	4.78	5.92	3.72	4.85	---	---	---
2	5.82	3.43	4.75	6.20	3.43	4.90	5.84	3.98	4.93	---	---	---
3	5.85	3.10	4.62	6.11	3.62	4.92	5.35	4.30	4.82	---	---	---
4	5.95	3.12	4.60	6.13	3.71	4.92	5.04	4.43	4.79	---	---	---
5	5.65	3.27	4.48	5.78	3.82	4.90	4.80	4.51	4.65	---	---	---
6	5.66	3.38	4.61	5.30	4.12	4.78	5.15	4.41	4.75	---	---	---
7	5.63	3.45	4.76	5.04	4.20	4.72	5.36	4.35	4.86	7.63	5.29	6.61
8	5.58	3.81	4.81	5.10	4.49	4.80	5.63	4.20	4.85	7.29	5.30	6.27
9	---	---	---	5.27	4.42	4.83	5.39	3.84	4.70	7.07	5.28	6.14
10	---	---	---	5.45	4.27	4.81	5.49	3.71	4.73	6.78	5.20	6.09
11	---	---	---	5.23	4.07	4.66	6.23	4.06	4.98	7.21	5.44	6.15
12	---	---	---	5.30	3.78	4.59	5.62	4.06	4.84	6.63	4.99	5.91
13	---	---	---	5.08	3.67	4.46	5.98	4.06	4.99	6.37	5.27	5.78
14	---	---	---	5.11	3.45	4.36	5.88	3.95	4.92	6.24	5.23	5.77
15	---	---	---	5.71	3.72	4.67	5.43	3.66	4.63	6.01	5.32	5.64
16	---	---	---	5.57	3.48	4.63	5.21	3.79	4.53	6.86	5.37	6.20
17	---	---	---	5.46	3.56	4.56	5.28	4.16	4.67	7.48	5.86	6.61
18	---	---	---	5.33	3.49	4.51	5.28	4.33	4.75	7.47	5.91	6.45
19	---	---	---	5.30	3.56	4.44	4.90	4.21	4.60	6.58	5.27	5.99
20	---	---	---	5.27	3.73	4.46	4.97	4.32	4.66	6.94	5.36	6.12
21	---	---	---	5.74	3.73	4.60	5.24	4.54	4.85	6.98	5.25	6.17
22	---	---	---	5.20	3.97	4.75	5.63	4.20	5.07	7.47	5.02	6.28
23	5.40	3.99	4.81	4.94	4.29	4.56	6.16	4.28	5.15	---	---	---
24	5.17	4.24	4.77	4.98	4.46	4.64	5.97	4.13	5.04	---	---	---
25	5.12	4.26	4.80	5.24	4.29	4.78	5.94	3.76	4.88	---	---	---
26	5.31	4.60	4.90	5.43	3.98	4.78	5.75	3.75	4.83	---	---	---
27	5.55	4.40	4.95	5.72	3.96	4.86	6.02	3.82	4.92	---	---	---
28	5.69	4.00	4.91	5.96	3.66	4.87	5.84	3.83	4.89	---	---	---
29	5.61	3.43	4.67	5.99	3.42	4.80	5.31	3.96	4.68	---	---	---
30	6.16	3.58	4.93	6.04	3.32	4.76	5.91	4.27	5.09	---	---	---
31	---	---	---	6.04	3.46	4.83	5.51	4.51	5.04	---	---	---
MONTH	---	---	---	6.20	3.20	4.71	6.23	3.66	4.84	---	---	---

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1999 to September 2000.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1999 to September 2000.

WATER TEMPERATURE: June 1999 to September 2000.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 53,100 microsiemens, Sept. 19, 1999; minimum recorded, 27,600 microsiemens, June 29, 1999.

WATER TEMPERATURE: Maximum recorded, 32.7oC, Aug. 7, 1999; minimum recorded, 9.3oC, Feb. 5, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 52,800 microsiemens/cm, Oct. 26; minimum, 32,600 microsiemens/cm, May 9.

WATER TEMPERATURE: Maximum, 32.0°C, July 12; minimum, 9.3°C, Feb. 5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	47100	46200	46600	52300	48800	51100	51500	51300	51400	49900	46700	48500
2	46800	46000	46400	48800	44000	46800	51700	51400	51500	49500	46000	48300
3	47700	46200	47000	48700	44800	47600	51800	51600	51700	49500	45500	47400
4	48500	47300	48000	51000	46800	49000	51800	51500	51700	47800	44600	46200
5	47500	45900	47000	51300	48900	50400	51500	50800	51000	49300	44900	46900
6	46100	44400	45700	51200	49600	50700	51500	49800	51000	49800	46200	48200
7	46000	44300	45300	51100	49100	50100	50900	49300	49900	49900	46500	48800
8	46000	44600	45500	51300	49600	50600	50300	49300	49700	50100	49300	49700
9	45200	44500	44800	51300	50600	51100	50300	49400	49800	50100	48900	49600
10	45900	44100	44700	51200	51000	51100	50300	48800	49500	49600	46900	48100
11	45900	44700	45300	51100	50500	51000	50300	49000	49800	48000	45900	47200
12	45900	44500	45100	50500	48900	49500	50300	49700	50100	48300	46300	47100
13	45800	44300	44900	49600	48900	49200	50300	47500	49000	49000	44200	48000
14	45400	44500	45100	49400	48700	49000	49300	48900	49100	48400	44900	47200
15	45400	45200	45300	49000	47900	48400	49200	46500	47900	48800	48000	48400
16	45400	44400	45100	48800	48000	48400	49100	48000	48600	48000	45100	47100
17	44700	43900	44400	49500	48800	49200	50400	48700	49300	47300	45300	46300
18	43900	43200	43500	50000	49300	49500	50800	50400	50500	47300	45200	46200
19	44100	43300	43900	50200	49700	50000	51000	50100	50600	47500	44400	46200
20	47600	43700	44800	50200	49800	49900	51100	49200	50300	48700	42800	45700
21	48000	47600	47900	50300	49200	49800	50800	50300	50600	50000	48600	49400
22	48100	47100	47900	50700	49600	50100	50700	48700	49900	49900	49000	49300
23	48100	46100	47500	50700	49600	50200	50100	48200	49200	49300	46200	47800
24	51200	47700	49900	50600	49200	49800	49800	47600	48400	49600	48900	49300
25	51900	50500	51100	49800	48400	49100	48900	47100	48000	49800	47000	48700
26	52800	50200	51300	48600	47300	48000	48900	46500	47400	49300	46200	48000
27	52800	49200	51100	48600	47700	48200	47800	46500	47100	51700	49300	50900
28	52600	49900	51200	48500	47700	48200	47900	46400	47100	52600	51700	52400
29	51800	50600	51200	48800	48200	48400	47200	45600	46600	52400	50200	51500
30	51900	50900	51400	51400	48300	50500	47600	45800	46900	51600	49400	50500
31	52300	51500	51900	---	---	---	47800	45800	47200	50200	49700	49900
MONTH	52800	43200	47100	52300	44000	49500	51800	45600	49400	52600	42800	48300

PEARL RIVER BASIN

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	50700	49700	50100	48600	47500	48200	44200	42300	43300	43000	40200	41600
2	50400	49700	49900	48300	47800	48100	42300	38800	40100	45000	38200	41300
3	50200	49500	49700	47900	47000	47500	40300	39000	39800	42900	36300	39400
4	49800	49300	49600	47600	46200	47100	42400	36800	39400	39700	36400	37800
5	49500	48600	49000	47700	45800	46700	43400	41400	42800	40300	35500	37900
6	49400	48900	49200	47800	46700	47400	41400	39500	40300	38300	35500	36600
7	49300	49000	49100	47800	47000	47400	41000	38700	39500	36800	33600	35600
8	49200	48700	49000	47400	46900	47200	42400	39000	40700	36600	33500	35000
9	49000	48500	48800	47300	44100	46100	46200	42400	44700	38300	32600	34700
10	48700	47700	48500	46500	43100	44300	45200	43400	44500	38800	32600	35500
11	48300	47900	48100	44100	42900	43200	45400	43800	44700	43300	33400	36600
12	48100	47800	47900	46800	43400	45700	45300	44100	44900	39700	34400	36600
13	48100	47700	47900	47000	45600	46400	44700	43200	44100	40300	35400	37400
14	48000	47400	47600	47000	45400	46300	45000	43400	44400	40800	35800	39100
15	48100	47000	47700	46800	42100	45000	45300	43800	44600	42700	40200	41500
16	48600	47600	48100	44300	41800	42600	45400	45000	45100	43200	39800	41800
17	48800	47500	48300	45300	41800	43900	45200	43700	44400	42600	38700	41100
18	48500	47600	48100	44900	44000	44400	45300	44000	44800	40400	36200	38700
19	48500	46900	47800	44300	42200	43100	45400	43900	44800	40500	33800	37800
20	46900	46000	46300	44900	43500	44600	43900	41500	43000	39300	33500	36400
21	47300	46400	46800	44600	43700	44000	44000	41200	42400	38800	33500	36200
22	47500	47000	47200	44500	43600	44000	47000	42400	45200	38700	34200	36600
23	47800	47300	47500	44500	43100	43800	45000	41100	43400	37700	35500	36600
24	49200	47500	48500	43100	41900	42500	41100	39400	40100	38900	35800	38000
25	49500	49200	49300	42300	40600	41400	45900	40600	43900	46400	38900	42000
26	49600	48900	49300	42100	40600	41300	46400	44200	45500	42400	37700	39800
27	49100	47100	48600	42300	40900	41500	46000	43800	45200	49400	37500	42700
28	47100	46600	46800	42700	41200	42200	45000	41100	42900	44000	36700	39400
29	47500	46700	46900	42100	40900	41400	46100	43600	45300	43700	39500	42200
30	---	---	---	41500	40800	41100	43600	42600	43000	43500	41200	42400
31	---	---	---	44800	41400	43700	---	---	---	45500	42400	43900
MONTH	50700	46000	48300	48600	40600	44600	47000	36800	43200	49400	32600	38800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	45300	41600	43400	45700	39500	43000	50200	42300	48000	---	---	---
2	43800	39600	42500	46200	40100	43400	50100	45100	48800	---	---	---
3	43900	38700	41700	45600	38600	42700	49000	44700	47000	---	---	---
4	43500	38000	40700	44800	38400	41600	49900	48000	49200	---	---	---
5	41900	38100	39600	43300	38900	41600	49800	45900	48500	---	---	---
6	43000	38200	40900	44500	40200	42500	48600	43600	46300	---	---	---
7	46000	41500	44300	45100	38900	42200	47000	44800	46000	48100	43400	46200
8	45500	42700	44200	45100	41900	43900	47600	44700	46300	47400	43100	45400
9	---	---	---	46100	41300	44300	48000	44500	45700	46100	41500	44100
10	---	---	---	46600	42200	45100	46200	43900	45300	46000	42400	44300
11	---	---	---	46500	38600	42200	47000	44600	45800	45600	42500	44300
12	---	---	---	47200	38100	42200	46800	45400	46100	46200	43400	44700
13	---	---	---	44000	39300	42100	46800	45000	46000	45900	42200	43800
14	---	---	---	43200	39000	41300	45800	43400	45000	45600	41900	44000
15	---	---	---	48200	39900	44500	46300	43600	44800	45800	40200	43800
16	---	---	---	46600	39700	43200	47900	43600	45800	46500	40200	44100
17	---	---	---	51400	41600	47100	47200	44900	46000	48700	43600	46400
18	---	---	---	52000	43800	48700	45600	43700	44700	48600	43900	47000
19	---	---	---	52200	46600	49900	45300	42200	43800	48300	43100	47100
20	---	---	---	52000	45400	49700	43700	40700	42100	48000	43000	46600
21	---	---	---	50100	45400	47900	44600	42400	43500	48400	43500	46900
22	---	---	---	51300	43000	48400	44900	41000	43100	47800	42200	46600
23	42800	39300	41900	48200	42900	46900	42500	40100	41100	---	---	---
24	41900	39900	40500	51000	47500	49300	42600	40100	41200	---	---	---
25	44800	39800	41500	51500	49300	50200	42600	38800	40500	---	---	---
26	43000	39700	41400	51900	49000	50700	40400	38000	39300	---	---	---
27	44900	41000	43000	52200	51000	51700	40800	36900	38900	---	---	---
28	46500	40400	44700	52200	49500	51100	41400	37900	39400	---	---	---
29	45400	39000	41200	51800	47100	50200	44000	38100	41600	---	---	---
30	45700	39900	43100	48200	43300	46900	48000	42100	45900	---	---	---
31	---	---	---	49700	41900	46400	47000	43900	45400	---	---	---
MONTH	46500	38000	42200	52200	38100	45800	50200	36900	44600	48700	40200	45300
YEAR	52800	32600	45700									

e Estimated

3003010890628 CHANDELEUR SOUND AT DOOR POINT, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.1	23.5	23.8	22.0	20.9	21.7	16.8	16.2	16.5	13.4	12.2	12.7
2	24.4	23.7	24.0	20.9	18.8	20.0	17.1	16.3	16.7	13.7	12.8	13.4
3	25.4	24.4	24.9	19.0	18.4	18.7	17.5	16.7	17.1	15.1	13.6	14.3
4	25.5	25.1	25.3	19.5	17.6	18.9	17.8	17.4	17.6	15.7	13.8	14.9
5	25.2	24.2	24.8	19.8	18.6	19.3	17.9	17.2	17.7	13.8	12.7	13.2
6	24.3	23.5	24.0	19.9	18.9	19.4	17.2	15.9	16.4	13.3	12.4	12.9
7	24.8	24.1	24.4	19.8	19.0	19.4	15.9	15.1	15.4	13.3	12.4	13.0
8	25.3	24.6	24.9	20.3	19.3	19.8	15.6	15.0	15.2	13.7	12.9	13.3
9	25.3	24.9	25.1	20.7	19.8	20.3	16.1	15.4	15.7	14.5	13.6	14.0
10	25.6	25.1	25.3	21.2	20.3	20.8	16.1	15.5	15.8	15.5	14.5	15.0
11	25.3	25.0	25.1	21.6	20.9	21.2	15.9	15.3	15.7	15.6	14.9	15.3
12	25.2	24.8	25.0	21.2	20.2	20.5	16.7	15.8	16.2	17.0	15.4	16.0
13	25.6	25.0	25.3	20.6	20.0	20.3	17.0	16.2	16.7	17.0	15.6	15.9
14	26.0	25.1	25.5	20.6	20.1	20.4	16.4	15.9	16.1	15.9	13.6	14.4
15	26.2	25.5	25.8	20.4	19.4	20.1	16.1	15.1	15.9	13.9	13.2	13.6
16	26.1	25.5	25.8	19.4	18.6	18.9	15.1	14.3	14.6	14.6	13.6	14.0
17	26.3	25.5	25.9	18.6	18.1	18.4	14.8	13.9	14.4	15.3	14.3	14.8
18	25.9	24.9	25.2	18.8	18.0	18.4	15.0	14.4	14.8	15.7	15.0	15.4
19	25.0	24.2	24.5	19.3	18.7	18.9	14.6	13.9	14.3	16.5	15.5	16.2
20	24.2	22.4	23.1	19.5	19.1	19.3	14.8	13.6	14.2	17.4	14.7	16.4
21	22.5	21.7	22.0	19.9	19.2	19.6	14.4	13.7	14.1	14.7	13.6	13.9
22	21.9	21.2	21.6	20.5	19.7	20.1	13.7	12.1	12.9	13.9	13.3	13.6
23	21.5	20.6	21.1	20.8	20.0	20.4	12.9	11.6	12.3	14.3	13.9	14.1
24	20.9	19.8	20.3	21.2	20.5	20.8	12.5	11.2	11.7	14.1	12.8	13.5
25	20.3	19.3	20.0	20.6	19.3	20.1	11.9	10.9	11.3	12.9	11.5	12.3
26	20.5	19.1	19.9	19.3	18.1	18.6	11.2	10.5	10.9	11.5	10.6	11.1
27	20.9	19.1	20.0	18.3	17.4	17.8	11.2	10.7	10.9	11.8	11.1	11.4
28	21.0	19.6	20.5	17.9	17.2	17.6	11.3	10.6	11.0	12.8	11.8	12.4
29	21.0	20.6	20.8	17.9	17.1	17.6	11.0	10.3	10.8	12.6	10.4	11.5
30	21.8	20.8	21.3	17.4	16.8	17.0	11.3	10.9	11.1	10.9	10.1	10.5
31	21.9	21.6	21.8	---	---	---	12.4	11.3	11.7	10.8	9.5	10.1
MONTH	26.3	19.1	23.5	22.0	16.8	19.5	17.9	10.3	14.4	17.4	9.5	13.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	9.6	10.2	20.4	19.2	19.7	22.4	22.2	22.3	24.2	23.4	23.8
2	11.1	9.8	10.4	20.8	20.0	20.4	23.5	22.4	22.8	24.2	23.5	23.9
3	11.3	10.2	10.8	21.4	20.4	21.0	23.9	23.2	23.5	24.9	23.4	23.9
4	11.6	10.7	11.1	21.4	19.9	20.4	23.2	20.8	21.8	25.4	24.0	24.6
5	11.1	9.3	10.2	20.2	19.1	19.6	21.5	20.3	20.7	25.8	24.4	25.1
6	10.9	9.6	10.4	20.4	19.1	19.9	20.6	19.8	20.2	25.9	24.8	25.4
7	11.1	10.4	10.8	20.7	19.7	20.2	21.3	19.8	20.4	26.3	25.3	25.7
8	11.5	10.8	11.1	21.3	20.2	20.7	21.1	19.4	20.7	26.4	25.5	26.0
9	12.2	11.2	11.7	21.7	21.1	21.3	19.6	18.4	19.1	26.8	25.8	26.3
10	12.9	11.9	12.4	22.5	21.3	21.8	19.4	18.1	18.8	27.6	26.1	26.6
11	13.6	12.7	13.0	22.6	20.9	22.2	20.2	19.0	19.6	27.4	26.5	26.9
12	14.9	13.6	13.9	20.9	19.6	20.3	21.3	20.2	20.7	27.9	26.7	27.1
13	16.0	14.5	15.1	19.8	19.1	19.5	21.8	21.3	21.5	27.8	26.8	27.3
14	16.6	16.0	16.3	19.4	18.6	19.1	21.6	21.1	21.4	27.3	26.2	26.6
15	17.2	16.3	16.7	19.3	18.9	19.1	21.7	21.0	21.3	26.2	25.2	25.7
16	17.6	16.8	17.4	20.3	19.1	19.5	22.7	21.4	21.7	26.5	25.4	25.9
17	18.4	17.4	18.0	20.4	19.5	19.9	23.7	22.2	23.0	26.6	25.7	26.2
18	19.7	18.0	19.1	20.5	19.9	20.2	23.8	22.2	22.9	27.1	26.0	26.5
19	20.4	17.7	19.6	20.4	19.5	20.0	24.7	23.2	23.7	28.1	26.6	27.2
20	17.7	15.7	16.3	19.6	18.7	19.1	24.8	23.7	24.2	27.9	27.1	27.5
21	16.2	15.4	15.8	19.9	19.0	19.5	24.6	23.7	24.2	27.6	27.0	27.3
22	16.5	15.6	16.0	20.3	19.6	19.9	23.7	22.2	22.9	27.9	26.8	27.3
23	17.1	16.2	16.6	21.2	20.1	20.7	22.9	22.4	22.7	28.4	27.2	27.8
24	18.6	17.0	17.8	21.7	20.7	21.2	23.4	22.3	22.8	28.7	27.6	28.1
25	19.2	18.4	18.8	22.4	21.3	21.8	22.9	21.8	22.3	28.5	26.8	27.8
26	20.2	19.2	19.7	22.4	21.9	22.1	22.8	21.6	22.2	28.9	27.9	28.2
27	20.1	19.3	19.8	22.2	21.6	22.0	23.7	22.3	22.9	28.5	25.7	27.3
28	19.3	18.2	18.7	22.0	21.1	21.6	24.1	22.6	23.3	28.8	27.4	28.3
29	19.3	18.4	18.9	22.3	21.6	22.0	24.1	22.7	23.3	29.0	27.6	28.3
30	---	---	---	23.4	22.2	22.7	24.2	23.4	23.7	29.0	27.7	28.3
31	---	---	---	22.9	21.6	22.2	---	---	---	28.6	27.7	28.2
MONTH	20.4	9.3	15.1	23.4	18.6	20.6	24.8	18.1	22.0	29.0	23.4	26.6

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 September 2000.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 6.59 ft, Sep. 7, 2000; minimum recorded, 2.21 ft, Dec. 24, 1999.

EXTREMES FOR CURRENT YEAR.--1999 W.Y.: Maximum gage height recorded for the period June to September, 6.31 ft, Sept. 2; minimum gage height recorded, 2.72 ft, June 29-30, Aug. 9.
2000 W.Y.: Maximum gage height recorded, 6.59 ft, Sept. 7; minimum gage height recorded, 2.21 ft, Dec. 24.

GAGE HEIGHT, FEET, WATER YEAR JUNE 1999 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1				4.81	2.95	3.94	4.66	3.40	4.07	5.99	4.96	5.48
2				4.87	3.34	4.16	4.49	3.72	4.11	6.31	4.82	5.29
3				5.12	3.53	4.54	4.20	3.85	4.06	5.82	4.08	4.98
4				5.25	4.52	4.85	4.50	3.88	4.17	5.68	3.72	4.73
5				5.39	4.45	4.93	4.68	3.38	4.08	5.30	3.55	4.45
6				4.78	4.13	4.49	4.85	3.41	4.16	5.17	3.69	4.41
7				4.72	3.82	4.25	5.24	3.51	4.34	5.33	3.49	4.46
8				4.93	3.83	4.38	5.16	2.89	4.20	5.30	3.77	4.51
9				5.28	3.76	4.58	5.02	2.72	4.11	---	---	---
10				5.47	3.32	4.48	5.28	2.95	4.17	---	---	---
11				5.40	3.13	4.33	5.29	3.22	4.25	---	---	---
12				5.38	2.86	4.20	4.84	3.23	3.99	---	---	---
13				5.43	3.10	4.27	4.56	3.29	3.86	---	---	---
14				5.39	3.18	4.35	4.49	3.42	3.95	---	---	---
15				5.22	3.38	4.41	5.25	4.06	4.69	---	---	---
16				5.22	3.81	4.56	5.17	4.55	4.86	---	---	---
17				5.41	4.05	4.78	5.04	3.99	4.46	---	---	---
18				5.29	4.35	4.77	4.55	3.91	4.23	---	---	---
19				5.10	4.42	4.80	4.80	3.68	4.22	---	---	---
20				5.11	4.23	4.64	4.96	3.67	4.36	---	---	---
21				5.13	3.69	4.39	5.15	3.34	4.28	---	---	---
22				4.66	3.34	4.07	4.85	3.30	4.10	---	---	---
23				4.68	3.18	3.92	5.29	3.38	4.26	---	---	---
24	4.95	3.50	4.19	4.99	3.22	4.14	5.14	3.59	4.34	---	---	---
25	4.78	3.39	4.11	5.07	3.27	4.16	5.08	3.39	4.30	5.32	4.44	4.84
26	5.01	3.14	4.10	4.93	3.17	4.09	5.03	3.46	4.19	5.30	4.50	4.87
27	5.35	3.26	4.28	5.12	3.17	4.24	5.10	3.63	4.37	5.49	4.61	4.97
28	5.00	2.89	3.95	5.31	3.29	4.35	5.13	4.00	4.54	5.52	4.31	4.79
29	4.64	2.72	3.69	5.05	3.20	4.15	4.83	3.97	4.43	5.34	4.00	4.57
30	4.73	2.72	3.69	4.70	3.27	3.95	4.81	4.11	4.43	5.34	4.18	4.81
31	---	---	---	4.87	3.38	4.11	5.48	4.30	4.68	---	---	---
MONTH	---	---	---	5.47	2.86	4.36	5.48	2.72	4.27	---	---	---

PEARL RIVER BASIN

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	5.81	4.13	4.99	5.41	4.35	4.78	4.61	4.12	4.37	4.88	3.24	4.00
2	5.74	4.41	5.08	4.61	3.16	3.90	5.11	4.17	4.48	4.87	3.20	4.01
3	5.75	4.21	5.00	4.29	3.62	3.90	5.48	4.36	4.89	5.22	3.53	4.35
4	5.58	4.17	4.87	4.39	3.90	4.12	5.43	4.72	5.04	---	---	---
5	5.32	4.17	4.75	4.53	3.77	4.17	5.29	4.31	4.73	---	---	---
6	5.57	4.47	5.10	4.65	3.83	4.26	5.17	3.59	4.27	---	---	---
7	6.00	5.09	5.56	4.86	3.62	4.18	5.28	3.62	4.39	---	---	---
8	5.84	5.24	5.52	5.31	3.79	4.49	5.46	3.58	4.51	---	---	---
9	5.44	4.67	5.06	5.72	3.94	4.70	5.65	3.91	4.69	---	---	---
10	5.25	4.37	4.68	5.72	4.08	4.84	5.57	3.21	4.20	---	---	---
11	5.23	4.36	4.72	5.64	3.93	4.62	5.37	3.51	4.35	---	---	---
12	5.26	4.30	4.66	5.31	3.91	4.51	5.65	3.92	4.68	4.69	3.64	4.13
13	5.07	4.18	4.57	5.37	3.87	4.65	5.74	2.93	4.09	4.73	3.95	4.27
14	5.39	4.19	4.67	5.25	3.54	4.28	4.54	3.55	4.09	4.56	3.83	4.31
15	5.55	4.30	4.89	4.82	3.70	4.15	4.56	2.97	3.71	4.58	4.05	4.32
16	5.54	4.19	4.80	4.88	3.88	4.32	4.29	3.56	3.91	4.75	3.55	4.06
17	5.32	3.78	4.54	4.86	3.94	4.39	4.74	3.78	4.14	5.07	3.52	4.24
18	5.00	3.78	4.40	4.93	4.27	4.57	5.12	4.22	4.64	4.95	3.07	3.96
19	5.09	3.80	4.44	5.12	4.42	4.77	4.97	3.60	4.26	5.19	2.84	3.92
20	4.72	4.00	4.41	5.12	4.52	4.75	5.42	3.22	4.17	4.97	2.74	3.83
21	4.90	3.85	4.42	5.57	4.10	4.82	5.12	4.00	4.59	4.86	3.32	4.05
22	4.70	4.00	4.33	5.85	4.02	4.90	5.11	2.89	3.95	5.26	3.51	4.37
23	4.58	3.59	4.08	5.74	3.86	4.75	5.08	2.83	3.81	5.64	3.37	4.25
24	4.63	3.98	4.32	5.63	3.39	4.46	4.57	2.21	3.27	5.65	3.54	4.11
25	4.98	3.61	4.25	5.60	3.44	4.39	4.31	2.74	3.47	4.10	3.13	3.57
26	5.20	3.44	4.26	5.48	3.34	4.32	4.29	2.45	3.26	3.83	3.23	3.52
27	5.26	3.27	4.23	5.37	3.35	4.28	3.94	2.81	3.38	4.47	3.70	3.99
28	5.46	3.30	4.27	5.06	3.28	4.12	3.94	2.97	3.42	5.98	4.30	5.27
29	5.67	3.98	4.78	4.62	3.54	4.00	4.00	3.14	3.50	4.98	4.12	4.51
30	5.91	4.43	5.15	4.63	3.94	4.27	4.24	3.31	3.74	4.45	3.26	3.86
31	6.00	4.43	5.18	---	---	---	4.74	3.43	4.02	4.52	3.10	3.81
MONTH	6.00	3.27	4.71	5.85	3.16	4.42	5.74	2.21	4.13	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	4.74	3.22	3.90	4.59	3.39	3.95	5.20	3.69	4.52	4.92	4.09	4.52
2	4.62	3.10	3.73	4.67	2.98	3.83	5.11	4.11	4.47	5.04	4.33	4.72
3	4.47	2.98	3.63	4.53	3.26	3.94	5.11	4.01	4.55	5.39	3.93	4.74
4	4.39	2.76	3.52	4.64	2.95	3.78	5.01	3.50	3.94	5.58	4.24	4.87
5	4.11	3.05	3.45	4.58	3.45	3.92	4.60	3.14	3.96	5.96	3.88	5.04
6	4.35	2.81	3.47	4.58	3.48	3.92	4.32	3.28	3.75	5.83	3.67	4.78
7	4.35	2.98	3.54	4.34	3.59	3.92	4.80	3.35	4.10	5.43	3.59	4.54
8	4.17	3.09	3.62	4.40	3.94	4.15	4.39	3.15	3.82	5.34	3.57	4.53
9	4.01	3.10	3.46	4.32	3.95	4.17	4.76	3.08	4.02	5.24	3.56	4.49
10	3.90	3.51	3.70	4.62	3.80	4.29	4.78	2.77	3.85	5.09	3.61	4.45
11	4.15	3.64	3.85	4.83	3.21	4.22	5.21	3.48	4.34	4.93	3.80	4.43
12	4.50	3.51	3.98	4.60	3.21	4.00	5.26	3.80	4.51	4.83	4.01	4.48
13	5.11	3.50	4.27	4.51	3.17	3.96	5.14	3.66	4.39	4.71	4.28	4.46
14	4.86	3.53	4.19	5.07	3.18	4.16	5.36	4.00	4.70	5.09	4.27	4.60
15	5.25	3.29	4.31	5.89	3.73	4.71	5.36	4.67	5.02	5.22	3.82	4.53
16	5.02	3.12	4.01	5.34	3.85	4.64	5.12	4.05	4.59	5.18	3.89	4.48
17	5.13	3.15	4.06	5.04	3.63	4.36	4.62	3.62	4.09	5.30	3.99	4.63
18	5.11	3.22	4.13	4.94	3.51	4.18	5.09	3.59	4.30	5.56	3.87	4.77
19	5.03	3.22	3.98	5.27	4.01	4.48	4.89	3.87	4.34	5.35	3.81	4.59
20	4.59	3.47	3.84	4.37	3.79	4.12	5.04	3.61	4.36	5.42	3.74	4.65
21	4.30	3.53	3.76	4.49	3.84	4.20	5.06	3.58	4.21	5.42	3.53	4.48
22	4.10	3.39	3.74	4.33	3.34	3.88	5.29	3.48	4.46	5.10	3.46	4.35
23	4.41	3.81	4.15	4.57	3.51	4.03	5.65	3.49	4.66	5.00	3.31	4.23
24	4.29	3.66	4.02	4.67	3.68	4.12	5.17	3.82	4.61	4.76	3.35	4.12
25	4.60	3.83	4.27	4.65	3.63	4.16	5.19	3.79	4.51	4.94	3.44	4.28
26	4.72	3.92	4.36	4.61	3.44	4.09	5.23	3.61	4.37	4.77	3.82	4.40
27	4.61	3.40	4.05	4.83	3.56	4.14	4.80	3.69	4.28	4.67	4.17	4.41
28	4.62	3.45	4.16	4.88	3.69	4.44	4.50	3.28	3.98	4.33	3.84	4.05
29	4.73	3.23	3.99	5.21	3.59	4.53	4.67	4.17	4.46	4.65	3.86	4.20
30	---	---	---	4.90	3.88	4.43	4.68	3.96	4.36	5.20	3.95	4.54
31	---	---	---	4.69	3.93	4.36	---	---	---	5.60	4.31	4.91
MONTH	5.25	2.76	3.90	5.89	2.95	4.16	5.65	2.77	4.32	5.96	3.31	4.52

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	5.72	3.75	4.76	5.52	3.16	4.49	5.47	3.52	4.53	4.89	4.15	4.53
2	5.48	3.39	4.57	5.65	3.23	4.57	5.26	3.64	4.56	4.89	4.17	4.54
3	5.38	3.05	4.37	5.52	3.35	4.60	4.99	4.06	4.51	5.15	4.38	4.71
4	5.59	3.05	4.33	5.50	3.59	4.59	4.64	4.07	4.40	5.18	4.21	4.66
5	5.23	3.09	4.15	5.25	3.68	4.54	4.42	3.95	4.21	5.20	4.27	4.77
6	5.26	3.19	4.31	4.75	3.83	4.39	4.79	3.88	4.34	5.56	4.68	5.15
7	5.11	3.50	4.51	4.58	3.87	4.31	5.06	4.01	4.54	6.59	5.04	5.75
8	5.09	3.65	4.47	4.83	3.98	4.40	5.20	3.85	4.53	6.05	4.41	5.33
9	5.05	4.06	4.67	4.97	4.07	4.52	5.09	3.54	4.37	5.82	4.39	5.08
10	5.02	4.46	4.72	5.10	3.79	4.42	5.12	3.25	4.40	5.63	4.39	5.02
11	5.19	4.38	4.73	4.95	3.55	4.24	5.84	3.73	4.67	5.76	4.61	5.14
12	5.20	3.99	4.57	4.94	3.35	4.19	---	---	---	5.56	4.26	4.97
13	5.20	3.79	4.55	4.68	3.20	4.00	---	---	---	5.29	4.37	4.81
14	5.26	3.77	4.55	4.66	3.03	3.88	---	---	---	---	---	---
15	5.29	3.85	4.59	5.20	3.20	4.24	---	---	---	---	---	---
16	5.75	3.65	4.83	5.10	3.22	4.21	4.75	3.30	4.05	---	---	---
17	5.93	3.77	4.94	5.04	3.22	4.15	4.80	3.60	4.18	---	---	---
18	5.90	4.01	4.89	4.87	3.19	4.14	4.81	3.86	4.30	---	---	---
19	5.55	3.69	4.72	4.96	3.19	4.07	4.39	3.73	4.09	---	---	---
20	5.32	3.58	4.48	4.64	3.26	3.96	4.38	3.89	4.17	---	---	---
21	4.98	3.35	4.23	5.06	3.40	4.15	4.71	4.11	4.39	---	---	---
22	4.56	3.27	3.95	4.80	3.99	4.39	5.21	4.23	4.71	---	---	---
23	4.89	3.48	4.28	4.61	3.97	4.19	5.55	4.04	4.77	---	---	---
24	4.72	3.84	4.34	4.71	3.86	4.25	5.51	3.87	4.65	---	---	---
25	4.88	3.95	4.43	5.00	3.81	4.40	5.44	3.46	4.48	---	---	---
26	5.08	4.18	4.60	5.10	3.65	4.44	5.26	3.44	4.39	---	---	---
27	5.32	3.98	4.64	5.38	3.63	4.49	5.42	3.52	4.46	---	---	---
28	5.34	3.67	4.56	5.60	3.27	4.47	5.24	3.44	4.39	---	---	---
29	5.28	3.28	4.32	5.63	3.25	4.42	4.80	3.50	4.18	---	---	---
30	5.74	3.40	4.63	5.62	3.35	4.42	5.27	3.63	4.60	---	---	---
31	---	---	---	5.53	3.43	4.52	5.00	4.24	4.58	---	---	---
MONTH	5.93	3.05	4.52	5.65	3.03	4.32	---	---	---	---	---	---

PEARL RIVER BASIN

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1999 to September 2000.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1999 to September 2000.

WATER TEMPERATURE: June 1999 to September 2000.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 52,200 microsiemens, Jan. 28, 2000; minimum recorded, 21,200 microsiemens, June 23, 1999.

WATER TEMPERATURE: Maximum recorded, 33.4°C, July 8, 2000; minimum recorded, 8.5°C, Jan. 27, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 52,200 microsiemens/cm, Jan. 28; minimum, 24,600 microsiemens/cm, Dec. 31.

WATER TEMPERATURE: Maximum, 33.4°C, July 8; minimum, 8.5°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	46300	39100	43600	50600	47800	49100	44600	27300	38800
2	---	---	---	40000	33500	36200	50400	48600	49500	43800	35600	40600
3	---	---	---	38300	34200	36100	51000	48400	49800	44600	40200	42600
4	---	---	---	41300	33800	37800	51000	49600	50200	---	---	---
5	---	---	---	43500	36800	40500	50200	45200	48200	---	---	---
6	---	---	---	43300	41200	42400	45200	42600	43400	---	---	---
7	---	---	---	43400	38000	42300	48400	43600	45000	---	---	---
8	---	---	---	46000	40600	43300	48100	44800	46500	---	---	---
9	---	---	---	48700	43700	45600	47900	45500	47400	---	---	---
10	---	---	---	49700	45000	47400	48100	43300	46300	---	---	---
11	---	---	---	49800	38000	45100	48200	46100	47300	---	---	---
12	---	---	---	48000	39900	45300	48700	46300	47600	42800	30400	36100
13	---	---	---	48600	41500	46500	48200	39500	43600	43100	26700	31700
14	---	---	---	48300	38800	43800	42400	39400	40700	45400	32500	39700
15	44800	37100	41600	44600	38900	42000	42800	37000	39900	47300	42900	45300
16	44600	37300	42100	46900	40900	43900	44000	38200	41000	44500	32600	40800
17	43900	34700	39500	47200	44600	46300	46300	40500	42900	45600	33000	38900
18	40200	33100	36500	48000	46700	47200	48900	44800	47000	43400	35000	38700
19	41500	35100	38200	48100	46100	47400	48100	43300	45400	43400	34100	39000
20	41100	36400	38900	48000	40100	45400	47800	41400	44900	44000	34700	37800
21	41800	39600	41000	48700	38400	43800	48500	45900	46900	49500	43500	45400
22	42400	38000	41000	48800	44800	46900	47700	44900	46400	49400	44100	47100
23	38200	34500	36500	48700	45200	47400	48400	45900	46900	48700	37400	43500
24	43800	36200	40800	48200	42600	45800	47000	42100	44600	49600	40800	44100
25	44500	41900	42900	48100	41400	45400	47100	42800	45100	43300	39900	40900
26	46700	41100	43200	47900	42100	45100	46500	36100	41700	43200	40000	41500
27	46600	36400	42400	47100	43000	45100	42000	28200	34400	51300	43200	46000
28	46800	37800	43200	47400	39800	45000	41800	28200	33000	52200	51300	51900
29	47200	46100	46600	46900	36700	41600	38800	27800	32200	52000	51300	51700
30	47100	46100	46600	48400	43300	47500	40800	27800	34000	51800	48300	49800
31	47400	45000	46200	---	---	---	42600	24600	34600	51100	48000	50000
MONTH	47400	33100	41600	49800	33500	44100	51000	24600	43700	52200	26700	42700

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	50800	48100	50100	47600	47000	47300	46400	42000	44200	39400	34500	37600
2	50900	47600	49600	48100	43100	46500	45800	42600	44400	40700	36700	38200
3	50200	46000	48700	46500	41300	44200	44900	42200	43900	39100	35500	37200
4	49100	41100	44400	42700	38000	40900	45400	38000	41800	38800	36800	37500
5	48800	45200	46700	46200	42300	44800	43200	38000	41800	37700	35800	36800
6	48800	45300	47700	46700	43400	45400	44300	38200	42100	37600	36200	37000
7	48400	42600	46900	47200	45200	46100	44000	38200	43000	38200	35900	37000
8	48300	36900	42700	48000	45700	47000	42900	37900	40400	37900	36200	37000
9	46100	33600	37000	47500	45200	46700	46500	37800	43000	37800	35300	36700
10	45800	33000	38300	50100	43000	47300	46900	39200	43900	37600	35100	36400
11	47100	32800	37900	45400	42200	43800	44800	42300	43700	37600	31700	35000
12	46800	34700	40700	47900	42900	44900	44300	41800	43400	36300	31000	33600
13	48500	42400	45200	50000	45000	47700	43900	38600	42200	35800	31100	33700
14	48000	42400	44800	49900	45600	48500	43500	39200	41700	35700	32700	34700
15	48400	42700	46100	49700	47600	48700	44300	41400	43300	37000	35400	36300
16	47800	42300	45700	48500	47200	48000	43900	37500	41000	39400	35800	37400
17	47800	41200	45000	49100	47800	48400	38300	28100	33500	38800	35700	37500
18	47700	41500	45400	48500	47300	48100	37100	28400	32300	38600	34900	37300
19	47300	40400	42700	47900	45000	46900	36700	28800	32700	37200	34900	36300
20	47700	42600	46200	45200	43300	44500	37800	28900	33000	36400	33100	35400
21	46900	45900	46500	47200	44300	45700	31100	27200	29100	36100	33900	35200
22	47200	45400	46500	47300	43400	45300	37100	28300	33200	35600	33600	34900
23	47200	46700	46900	48000	43300	46100	39100	30800	35400	35500	32400	34500
24	47200	46600	46900	46800	44700	46200	37200	32300	34500	35700	31400	33800
25	47700	46800	47000	46700	43500	45200	37700	30500	33600	35100	30500	33200
26	49700	47000	48100	46100	41700	44200	40500	31700	37800	36400	31000	33800
27	49100	46400	47200	44900	40700	42000	39900	30900	34800	36000	32600	33800
28	47600	46500	47200	45700	39300	42800	35700	28300	31100	35600	31200	33400
29	47400	46700	47100	46600	40300	43900	35900	31600	34100	34000	30500	32300
30	---	---	---	44400	41000	42500	40400	29100	35400	40300	33000	37200
31	---	---	---	45000	41200	42900	---	---	---	41100	38200	39500
MONTH	50900	32800	45400	50100	38000	45600	46900	27200	38500	41100	30500	35800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	40500	38100	39600	41000	31600	37100	42400	37100	40800	45400	39700	43100
2	40600	38300	39600	42600	33600	39000	42500	36900	40600	44000	36400	39800
3	40500	37600	39300	42800	33200	39100	41500	36600	39500	43400	38700	41700
4	39800	36600	38600	43000	34500	40300	40100	35900	37500	43700	38800	41700
5	39800	35400	37800	43000	37700	41100	36700	34200	35900	43500	37800	39500
6	40400	35200	38100	42500	34800	39400	39900	34900	37500	49600	39000	43800
7	43400	36900	41000	40500	33800	37600	47400	36100	42500	50400	46300	48200
8	44500	38100	42100	39400	34500	36400	46100	41400	43600	50100	44600	47000
9	43800	41100	42600	38900	33100	36500	45300	37200	41900	48500	44500	46400
10	42700	41200	42200	37700	30300	34500	42400	37400	40800	49300	44500	46700
11	42600	40600	41700	34400	30300	32900	43500	37700	41200	48900	43000	46900
12	42600	40200	41500	34700	32000	33300	---	---	---	48200	42800	46200
13	42100	39000	41000	33100	30900	32600	---	---	---	47800	41600	45200
14	41400	39000	40600	34300	27900	31500	---	---	---	---	---	---
15	43600	39000	41600	42700	28500	35800	---	---	---	---	---	---
16	41800	39200	40400	42800	30800	37700	42400	37700	40200	---	---	---
17	43600	39200	41600	41000	29400	36200	43000	37000	40500	---	---	---
18	43200	38700	40800	39800	29400	36600	43200	39500	41600	---	---	---
19	41900	38300	40700	41400	32500	37400	41800	39100	40300	---	---	---
20	41700	38900	40600	41800	34800	37400	40500	37100	39300	---	---	---
21	41100	37200	40200	39600	32800	35700	42500	38900	40300	---	---	---
22	41000	34000	37100	41300	32800	39000	46000	42300	44300	---	---	---
23	41500	34600	38500	38900	29500	34400	46000	42800	44400	---	---	---
24	39000	37000	38100	36500	28600	33500	46200	42500	44900	---	---	---
25	39200	34000	36300	43400	33100	39500	46200	40800	44400	---	---	---
26	38500	34600	36700	46200	40000	42800	45600	40200	43400	---	---	---
27	39500	35900	37500	46200	38600	43900	45300	40300	43100	---	---	---
28	40000	33200	36800	47400	39100	44600	44500	40100	42400	---	---	---
29	36700	32300	34500	46600	38400	43700	41800	36100	39000	---	---	---
30	39000	32000	35500	44700	36500	42000	45400	35700	41300	---	---	---
31	---	---	---	43100	36500	40500	46500	36400	42800	---	---	---
MONTH	44500	32000	39400	47400	27900	37800	47400	34200	41300	50400	36400	44300

PEARL RIVER BASIN

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.5	22.4	23.1	21.9	20.9	21.5	15.6	13.3	14.2	13.9	12.7	13.3
2	24.4	22.8	23.4	20.9	18.0	19.8	16.4	14.2	15.2	15.1	13.2	14.1
3	25.6	24.1	24.7	18.0	16.0	17.0	16.8	15.5	16.2	16.2	14.2	15.2
4	25.7	25.2	25.4	17.8	15.9	16.9	17.5	16.6	17.0	---	---	---
5	25.5	24.2	24.8	18.6	16.8	17.9	17.4	16.3	17.1	---	---	---
6	24.3	22.0	22.9	19.1	17.6	18.5	16.3	14.8	15.5	---	---	---
7	24.4	23.5	24.0	19.6	18.0	18.7	14.9	13.9	14.5	---	---	---
8	24.6	24.2	24.4	20.4	18.5	19.4	14.8	14.0	14.4	---	---	---
9	25.0	24.1	24.6	20.9	19.6	20.1	16.0	14.7	15.2	---	---	---
10	25.3	24.7	25.0	21.5	20.1	20.7	16.0	15.0	15.5	---	---	---
11	25.2	24.9	25.0	22.2	20.8	21.5	15.9	15.1	15.4	---	---	---
12	25.3	24.6	24.9	21.6	20.7	21.1	16.6	15.2	16.0	17.6	16.2	16.8
13	26.2	24.8	25.3	21.5	20.2	20.8	16.8	15.7	16.4	18.1	16.9	17.4
14	26.8	25.2	25.8	21.4	20.5	21.0	16.3	15.3	15.7	17.0	13.1	14.5
15	26.8	25.3	26.1	21.0	19.8	20.5	15.9	14.8	15.6	14.1	12.2	13.3
16	26.9	25.9	26.3	19.8	17.9	18.6	14.8	13.3	13.9	15.2	13.5	14.4
17	26.8	26.0	26.4	18.0	16.6	17.5	14.3	13.0	13.6	15.6	13.9	14.8
18	26.4	25.1	25.7	18.3	16.6	17.4	14.1	13.4	13.9	16.7	14.9	15.7
19	25.4	23.5	24.6	18.9	17.7	18.2	13.7	13.1	13.3	17.6	15.7	16.7
20	23.5	21.0	22.6	19.6	18.2	18.8	14.0	12.9	13.5	17.3	14.4	16.4
21	21.0	19.6	20.4	20.1	18.9	19.5	13.6	12.4	13.2	14.4	12.5	13.5
22	21.1	19.7	20.3	20.8	19.3	20.1	12.8	12.0	12.3	14.0	12.6	13.3
23	20.6	19.1	19.9	21.5	20.1	20.7	12.5	11.5	11.9	14.7	13.7	14.2
24	19.2	17.0	17.8	21.9	20.5	21.1	12.4	11.4	11.8	14.5	12.3	13.6
25	18.9	17.1	17.9	21.2	19.6	20.5	12.3	10.7	11.4	12.3	11.2	11.8
26	19.5	17.4	18.4	19.6	18.2	18.8	11.3	10.3	10.9	11.2	9.8	10.3
27	20.5	18.2	19.1	18.2	17.1	17.7	11.5	10.4	10.9	10.3	8.5	9.4
28	21.0	18.9	19.9	18.0	17.0	17.5	11.1	10.5	10.7	11.7	10.0	11.1
29	21.0	20.1	20.5	18.2	16.6	17.5	11.7	10.1	10.7	11.7	10.6	11.1
30	21.6	20.2	20.9	17.2	14.5	15.4	12.4	10.5	11.4	10.6	9.4	10.0
31	21.6	21.3	21.5	---	---	---	13.2	11.7	12.4	10.3	9.1	9.6
MONTH	26.9	17.0	23.0	22.2	14.5	19.2	17.5	10.1	13.9	18.1	8.5	13.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.2	9.2	9.7	20.6	18.9	19.8	22.9	21.9	22.4	24.4	22.3	23.6
2	11.0	9.3	10.1	21.1	20.1	20.6	24.3	22.5	23.1	24.4	23.6	23.9
3	11.7	9.8	10.6	21.5	20.6	21.0	24.2	22.7	23.6	24.4	23.6	23.9
4	12.2	10.2	11.1	21.2	19.0	20.1	22.7	20.5	21.7	25.4	23.6	24.4
5	11.4	9.8	10.6	20.0	18.6	19.2	20.6	18.7	19.7	25.6	24.2	24.9
6	11.5	9.5	10.3	20.4	18.7	19.5	20.6	19.0	19.7	25.9	24.1	24.9
7	11.6	10.1	10.7	20.7	19.5	20.1	21.4	19.5	20.3	26.3	24.3	25.3
8	12.1	10.2	11.2	21.9	20.0	20.9	20.9	18.9	20.2	26.7	24.8	25.8
9	13.2	10.4	11.7	22.6	21.1	21.8	19.0	15.7	17.7	27.2	25.3	26.2
10	14.2	11.5	12.8	23.5	21.7	22.5	19.8	16.7	18.1	27.6	25.9	26.6
11	15.3	13.7	14.4	23.0	21.0	22.3	20.7	18.3	19.5	28.2	26.6	27.3
12	16.4	14.9	15.5	21.0	17.6	19.0	21.9	19.9	21.0	28.6	26.8	27.7
13	17.1	14.5	15.9	19.5	16.8	18.4	22.4	20.5	21.5	28.4	27.0	27.7
14	17.9	15.0	16.5	19.6	17.5	18.6	22.2	20.7	21.3	27.7	25.9	26.8
15	17.9	16.0	17.1	19.4	18.6	19.1	22.0	20.9	21.5	26.3	23.8	25.0
16	18.8	17.3	18.0	20.7	19.0	19.7	24.1	21.2	22.2	26.2	24.6	25.3
17	19.5	18.3	18.7	21.5	19.5	20.3	23.8	22.1	22.9	26.6	24.7	25.5
18	20.8	18.8	19.9	20.7	20.0	20.3	24.0	21.5	22.6	26.8	25.2	26.1
19	21.4	19.3	20.6	20.5	19.2	20.0	24.3	22.4	23.2	28.0	26.1	26.8
20	19.5	17.0	18.4	20.2	18.4	19.1	24.7	22.6	23.6	28.0	26.2	27.0
21	17.0	16.0	16.4	19.9	18.5	19.2	24.2	23.0	23.5	27.7	26.3	26.8
22	16.8	15.9	16.4	21.1	19.0	19.9	23.8	20.9	22.2	28.6	26.1	27.1
23	17.1	16.1	16.6	21.6	19.5	20.6	22.9	21.4	22.1	28.6	26.9	27.7
24	18.8	17.0	17.9	22.0	20.4	21.2	23.0	21.8	22.4	28.8	27.4	27.9
25	19.8	18.2	18.9	22.6	20.8	21.6	22.3	20.5	21.4	29.2	27.3	28.2
26	20.9	19.2	20.2	22.7	21.4	22.0	22.6	20.5	21.5	29.6	27.9	28.7
27	20.8	19.3	19.8	22.5	21.6	22.0	23.5	21.5	22.4	29.4	28.2	28.7
28	19.5	17.7	18.6	22.3	20.6	21.6	24.1	22.5	23.1	30.3	28.3	29.0
29	19.5	18.1	18.8	22.4	21.3	21.9	24.2	22.4	23.1	30.2	28.1	29.0
30	---	---	---	23.4	22.0	22.7	24.9	22.6	23.7	28.8	27.5	28.1
31	---	---	---	22.8	21.2	22.2	---	---	---	28.5	27.3	27.9
MONTH	21.4	9.2	15.4	23.5	16.8	20.6	24.9	15.7	21.7	30.3	22.3	26.6

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.2	27.1	27.7	30.0	28.1	28.8	29.5	28.2	28.8	31.8	29.8	30.6
2	28.8	27.2	28.0	30.1	27.8	28.8	29.5	28.2	28.8	31.2	29.7	30.2
3	29.5	27.7	28.6	30.7	28.2	29.3	28.8	27.9	28.4	31.2	29.8	30.4
4	29.2	27.9	28.5	30.6	28.6	29.6	30.0	27.8	28.6	32.0	30.1	30.9
5	28.6	27.4	28.0	30.9	29.0	29.9	30.6	28.6	29.5	32.0	30.8	31.4
6	28.8	27.2	28.0	32.5	29.4	30.4	31.5	29.5	30.4	31.2	27.4	28.9
7	27.9	24.2	26.8	32.2	29.4	30.5	31.3	29.9	30.5	28.3	27.3	27.7
8	28.1	25.9	27.0	33.4	30.3	31.4	31.2	30.0	30.6	28.1	26.8	27.5
9	28.6	26.9	27.7	31.7	31.0	31.3	32.0	30.1	30.7	27.6	26.8	27.1
10	28.9	27.3	28.0	31.9	30.6	31.2	31.3	29.9	30.5	28.5	27.2	27.8
11	28.7	27.5	28.1	31.8	30.4	31.2	30.3	28.0	29.5	28.9	28.1	28.4
12	28.9	27.9	28.3	31.7	30.5	31.1	---	---	---	29.4	27.9	28.5
13	29.1	28.1	28.5	31.6	30.1	30.9	---	---	---	29.6	28.2	28.8
14	29.3	27.9	28.7	31.3	30.3	30.7	---	---	---	31.1	28.5	29.3
15	29.1	28.1	28.3	31.1	29.0	30.1	---	---	---	---	---	---
16	28.2	27.6	27.8	31.2	29.3	30.4	31.2	29.2	30.1	---	---	---
17	27.8	26.9	27.4	31.4	29.5	30.4	31.8	29.6	30.5	---	---	---
18	28.6	27.2	27.9	32.0	29.6	30.6	32.7	30.1	31.0	---	---	---
19	29.5	27.8	28.6	31.2	29.6	30.3	31.9	30.4	31.0	---	---	---
20	30.3	28.0	29.0	31.7	29.8	30.6	31.4	30.5	30.9	---	---	---
21	30.3	28.7	29.4	31.6	30.3	30.7	31.6	30.0	30.8	---	---	---
22	30.5	29.3	29.8	31.5	29.6	30.3	31.3	30.1	30.8	---	---	---
23	31.4	29.0	30.0	30.0	29.1	29.5	30.4	29.4	30.0	---	---	---
24	31.5	29.6	30.4	29.9	28.1	29.0	30.8	29.6	30.1	---	---	---
25	31.8	29.8	30.6	29.3	28.1	28.7	31.5	30.1	30.6	---	---	---
26	30.7	29.3	30.0	29.9	27.7	29.0	31.5	30.0	30.8	---	---	---
27	29.9	28.8	29.4	30.0	28.8	29.4	31.7	30.4	30.9	---	---	---
28	29.9	28.8	29.3	30.9	28.6	29.8	31.8	30.4	31.0	---	---	---
29	29.6	28.7	29.2	30.7	29.1	30.0	31.7	30.4	30.9	---	---	---
30	29.3	28.5	28.9	30.4	29.2	29.8	31.5	29.7	30.6	---	---	---
31	---	---	---	29.8	28.9	29.2	31.4	29.9	30.6	---	---	---
MONTH	31.8	24.2	28.6	33.4	27.7	30.1	32.7	27.8	30.3	32.0	26.8	29.1

LOWER MISSISSIPPI RIVER BASIN

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS

LOCATION.--Lat 31°00'30", long 91°37'25", in lot 6, T. 1 N., R. 5 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 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
21...	1100	174000	124	58000	88
NOV					
10...	1100	162000	97	42600	93
DEC					
08...	1030	202000	148	80500	87
22...	1000	322000	314	273000	84
JAN					
06...	1100	161000	131	57000	89
20...	1000	290000	349	273000	89
FEB					
03...	1100	187000	206	104000	92
16...	1300	165000	242	108000	94
MAR					
08...	1100	612000	372	615000	73
16...	1100	386000	222	231000	71
APR					
06...	1100	583000	433	681000	81
20...	1100	649000	244	428000	75
MAY					
04...	1000	435000	174	204000	71
25...	1000	297000	198	159000	87
JUN					
08...	1100	469000	237	300000	79
JUL					
24...	1130	371000	174	174000	84
AUG					
10...	1100	266000	140	101000	86
SEP					
14...	1100	165000	180	80200	97

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39000	42000	43000	116000	110000	607000	550000	196000	165000	412000	148000	87000
2	40000	42000	43000	100000	108000	648000	571000	200000	193000	421000	142000	92000
3	41000	40000	44000	86000	104000	674000	600000	203000	217000	432000	134000	95000
4	41000	40000	49000	75000	104000	690000	673000	204000	247000	438000	127000	100000
5	41000	41000	56000	68000	104000	708000	688000	217000	268000	434000	122000	104000
6	41000	42000	64000	57000	102000	710000	681000	232000	293000	432000	115000	109000
7	40000	43000	68000	56000	97000	647000	630000	257000	301000	430000	112000	109000
8	43000	42000	80000	68000	96000	615000	577000	271000	300000	424000	107000	105000
9	46000	43000	90000	71000	96000	563000	533000	280000	297000	415000	103000	101000
10	54000	42000	96000	91000	96000	507000	493000	280000	286000	399000	101000	99000
11	54000	44000	95000	116000	95000	454000	477000	282000	266000	364000	101000	94000
12	55000	49000	95000	145000	99000	394000	478000	278000	247000	346000	103000	91000
13	59000	50000	99000	188000	99000	355000	480000	276000	232000	326000	104000	84000
14	59000	55000	106000	227000	100000	317000	482000	252000	204000	303000	105000	80000
15	59000	61000	110000	253000	110000	271000	494000	239000	184000	267000	105000	76000
16	59000	60000	131000	267000	108000	231000	499000	233000	173000	251000	107000	73000
17	60000	56000	162000	273000	104000	216000	480000	230000	165000	235000	112000	69000
18	61000	54000	191000	271000	103000	202000	476000	225000	164000	220000	121000	65000
19	62000	52000	222000	275000	102000	191000	457000	221000	169000	208000	131000	67000
20	57000	50000	248000	273000	103000	189000	427000	213000	176000	199000	136000	74000
21	58000	49000	263000	252000	106000	198000	406000	201000	183000	192000	140000	77000
22	55000	49000	273000	225000	122000	228000	387000	186000	191000	187000	136000	77000
23	53000	48000	272000	203000	149000	249000	363000	177000	210000	181000	127000	78000
24	50000	48000	266000	191000	205000	276000	331000	177000	230000	174000	118000	79000
25	49000	48000	264000	177000	293000	301000	296000	159000	254000	169000	107000	78000
26	46000	47000	253000	158000	366000	326000	266000	144000	295000	167000	100000	75000
27	47000	47000	234000	141000	433000	364000	237000	136000	338000	161000	97000	72000
28	47000	48000	211000	133000	505000	406000	218000	132000	368000	161000	95000	68000
29	45000	46000	190000	130000	564000	446000	203000	125000	381000	157000	91000	67000
30	43000	45000	159000	123000	---	487000	195000	126000	393000	154000	88000	66000
31	43000	---	135000	112000	---	521000	---	138000	---	150000	85000	---
MEAN	49900	47400	149000	159000	165000	419000	455000	209000	246000	284000	114000	83700
MAX	62000	61000	273000	275000	564000	710000	688000	282000	393000	438000	148000	109000
MIN	39000	40000	43000	56000	95000	189000	195000	125000	164000	150000	85000	65000

RED RIVER BASIN

07337000 RED RIVER AT INDEX, AR

LOCATION.--Lat 33°33'07", long 94°02'28", in NW1/4SW1/4 sec.7, T.14 S., R.28 W., Miller County, Hydrologic Unit 11140106, near right bank on downstream side of southbound bridge on U.S. Highway 71 at Index, 2.2 mi south of Ogden, 20.6 mi upstream from Little River, and at mile 485.3.

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

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

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 246.87 ft above sea level. Prior to Dec. 12, 1939, nonrecording gage, and Dec. 12, 1939, to July 19, 1979, water-stage recorder, at site 500 ft downstream at present datum.

REMARKS.--No estimated daily discharges. Water-discharge records good. Some regulation since Oct. 31, 1943, by Lake Texoma (Texas), 241 mi upstream, capacity, 5,392,900 acre-ft, since Sept. 28, 1967, by Pat Mayse Lake (Texas), capacity, 352,700 acre-ft, and since Jan. 18, 1974, by Hugo Lake (Oklahoma) capacity, 966,700 acre-ft. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1620	1500	1870	2040	3190	7410	3900	2900	4370	8740	5650	2870
2	1500	1760	1640	2060	3340	7310	5530	3410	3450	6690	5730	2020
3	1370	1840	1540	2580	3370	7530	7230	3660	3420	6270	4860	2830
4	1350	1900	1550	2720	3200	7770	8960	5460	4430	7240	3050	4180
5	1470	1890	1420	2790	2900	7560	11000	12100	6160	8040	2260	4540
6	1540	1660	1360	2670	3400	6780	13200	17300	5830	5630	4020	4430
7	1580	1420	1620	2220	4260	6460	13500	18900	5980	3890	5350	3630
8	1680	1410	1960	1960	4580	6620	11700	17300	7130	3440	5590	2620
9	1560	1640	2700	2070	4440	5520	11200	15600	6530	4360	5770	1940
10	1360	1750	2790	2830	4100	4170	12100	15200	6170	3590	6310	1930
11	1280	1800	2170	3320	3530	4270	9620	15400	6440	4610	4540	2750
12	1340	1790	2110	3380	3020	4900	6220	14500	6000	6520	2550	3500
13	1430	1610	3010	3230	3030	4470	5360	12400	6130	5390	4980	3310
14	1470	1350	3850	2800	3250	3980	6540	11200	6680	3400	7720	3060
15	1480	1290	11200	2690	3260	4920	11100	9390	9400	3100	6290	2480
16	1440	1530	14700	2950	3180	5060	16900	7600	13500	4700	4990	1840
17	1320	1680	12800	3390	3050	4020	17600	5980	12800	4790	4300	1830
18	1250	1720	10300	3560	2600	3070	16600	4640	13200	4730	2870	2590
19	1340	1740	8000	3520	2350	2760	14600	4670	14000	4710	2170	2830
20	1610	1570	7010	3290	2340	2710	11600	7850	13500	4270	3290	2890
21	2010	1320	6780	2650	2770	2640	7820	13000	12000	2890	4320	2890
22	2210	1190	6530	2120	2760	2780	6270	14700	15800	2320	4510	2380
23	1830	1230	5920	2260	2700	2710	5940	13600	19400	4170	4590	1790
24	1490	1510	5050	2850	2640	2380	5600	11500	20400	5080	4270	1680
25	1500	1740	3820	2840	2350	2170	5340	9140	17700	4150	2900	2070
26	1730	1850	3410	2830	2470	2030	5130	7000	15800	4190	2100	2100
27	1810	1780	3450	2920	3770	1950	4110	6250	16700	4530	2750	2060
28	1840	1660	3290	2560	6960	2220	3150	6900	18800	2960	4030	2060
29	1790	1890	3180	2060	7790	3530	2580	5900	17800	2260	4300	2080
30	1590	1960	2950	2010	---	3880	2490	5080	13800	4050	4500	1840
31	1450	---	2440	2790	---	3470	---	4920	---	5380	4210	---
TOTAL	48240	48980	140420	83960	100600	137050	262890	303450	323320	146090	134770	79020
MEAN	1556	1633	4530	2708	3469	4421	8763	9789	10780	4713	4347	2634
MAX	2210	1960	14700	3560	7790	7770	17600	18900	20400	8740	7720	4540
MIN	1250	1190	1360	1960	2340	1950	2490	2900	3420	2260	2100	1680
AC-FT	95680	97150	278500	166500	199500	271800	521400	601900	641300	289800	267300	156700

RED RIVER BASIN

79

07337000 RED RIVER AT INDEX, AR--CONTINUED

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2000, BY WATER YEAR (WY)

MEAN	8182	10650	11900	11100	13840	16780	17240	23980	22110	9819	5808	5947
MAX	41690	47140	47910	60160	38960	67730	61460	121000	94400	33990	39230	30340
(WY)	1946	1975	1992	1998	1946	1945	1990	1990	1957	1989	1950	1950
MIN	716	642	1206	1360	2127	2233	2096	4199	3098	1162	1025	909
(WY)	1957	1957	1957	1964	1964	1967	1956	1972	1988	1944	1944	1944

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1944 - 2000	
ANNUAL TOTAL	3133990		1808790			
ANNUAL MEAN	8586		4942		a13100	
HIGHEST ANNUAL MEAN					30420	
LOWEST ANNUAL MEAN					4383	
HIGHEST DAILY MEAN	39500	May 14	20400	Jun 24	268000	May 10 1990
LOWEST DAILY MEAN	1190	Nov 22	1190	Nov 22	384	Nov 28 1956
ANNUAL SEVEN-DAY MINIMUM	1390	Oct 12	1390	Oct 12	397	Oct 19 1956
INSTANTANEOUS PEAK FLOW			21100	Jun 24	b270000	May 10 1990
INSTANTANEOUS PEAK STAGE			7.30	Jun 24	c32.30	May 10 1990
INSTANTANEOUS LOW FLOW			1140	Nov 23	378	Nov 28 1956
ANNUAL RUNOFF (AC-FT)	6216000		3588000		9489000	
10 PERCENT EXCEEDS	21400		11800		35100	
50 PERCENT EXCEEDS	5380		3400		5900	
90 PERCENT EXCEEDS	1580		1600		2290	

aPrior to regulation, water years 1937-43, 11,970 ft³/s

bMaximum discharge for period of record, 297,000 ft³/s, Feb. 23, 1938

cMaximum gage height for period of record, 34.25 ft Feb. 23, 1938, from graph based on gage readings

RED RIVER BASIN

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, 1996, observer record of daily readings only.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 52,900 ft³/s, June 25, gage height, 26.89 ft; minimum discharge, 1,890 ft³/s, Nov. 24, 25, gage height, 12.34 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2890	2370	2300	4400	3390	10900	11900	6170	18300	42600	6880	5550
2	3180	2170	2420	4480	4220	12900	13800	6140	18000	35100	7600	5400
3	3280	2150	2450	4710	4810	13100	16200	6470	17600	31100	7720	4520
4	2920	2280	2360	4820	5090	13300	18200	7460	17800	29100	7640	3880
5	2600	2380	2270	5030	5330	13800	19400	10700	18700	27900	6900	4300
6	2420	2420	2370	5270	5420	13800	20100	20500	19200	27500	5620	5180
7	2460	2410	2210	4700	5290	13500	21300	27500	17700	24100	5170	5990
8	2690	2270	2080	4310	5750	13000	22000	30300	17700	21400	6110	6060
9	3000	2080	2240	3790	7060	13000	20500	31500	20400	19000	6910	5500
10	3000	2030	3130	3420	7550	12500	19200	32600	21700	18600	7170	4770
11	2710	2160	4130	3390	7540	12100	18900	30800	20700	18500	7420	4190
12	2410	2260	4430	3770	7210	11300	17200	27900	20400	17400	7610	4150
13	2250	2300	4430	4390	6770	11300	14400	24900	21200	16400	6290	4710
14	2220	2290	5070	4520	6410	11400	13800	22900	21900	16700	5090	5250
15	2240	2180	8550	4370	6160	11800	16600	21300	21700	16500	6660	5200
16	2240	2000	13000	4170	5260	11900	17800	19000	24900	16400	8360	5430
17	2220	1920	16400	4110	4580	12000	22300	15100	33400	16400	7570	5110
18	2150	2040	15200	4310	4330	11200	25200	12600	37000	16800	6600	4570
19	2090	2170	12200	4560	4220	10300	25100	12700	36700	16200	5870	4500
20	2010	2250	10800	4630	3940	9890	23300	16600	38700	13700	4860	4330
21	2220	2270	9890	4610	3750	9770	20800	21600	42700	12000	4350	4270
22	2610	2170	9490	4410	3780	10500	17200	25100	45400	9760	5000	4260
23	2930	2010	9340	4010	4030	10200	13500	29000	49300	7250	5660	4220
24	2880	1910	8930	3680	4390	9710	12000	31900	52100	6540	5830	4060
25	2490	1910	7920	3810	4500	8830	10900	29900	52100	7570	5870	3860
26	2210	2030	7100	4020	4790	7780	9790	27700	50100	7850	5520	3950
27	2180	2220	6380	3870	5230	7490	8830	24400	49200	7170	4580	6260
28	2300	2330	6150	3900	5870	7460	8260	20900	50000	7310	3990	6000
29	2370	2310	5850	3870	7390	7850	7420	20200	50200	7200	4300	5280
30	2420	2200	4970	3630	---	8990	6640	19900	48400	6110	5050	4300
31	2470	---	4530	3320	---	10200	---	18900	---	5710	5380	---
TOTAL	78060	65490	198590	130280	154060	341770	492540	652640	953200	525870	189580	145050
MEAN	2518	2183	6406	4203	5312	11020	16420	21050	31770	16960	6115	4835
MAX	3280	2420	16400	5270	7550	13800	25200	32600	52100	42600	8360	6260
MIN	2010	1910	2080	3320	3390	7460	6640	6140	17600	5710	3990	3860
AC-FT	154800	129900	393900	258400	305600	677900	977000	1295000	1891000	1043000	376000	287700

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000
MEAN	8520	5602	17380	36530	24260	29640	24870	19010	17320	12030	5733	5669
MAX	18140	8174	23850	87290	47750	59030	32630	25680	31770	16960	6470	8018
(WY)	1999	1999	1999	1998	1998	1998	1998	1999	2000	2000	1999	1998
MIN	2518	2183	6406	4203	5312	11020	16420	10300	6655	4176	4614	4154
(WY)	2000	2000	2000	2000	2000	2000	2000	1998	1998	1998	1998	1999

RED RIVER BASIN

81

07344370 RED RIVER AT SPRING BANK, AR--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER* YEARS 1998 - 2000	
ANNUAL TOTAL	4816800		3927130		17200	
ANNUAL MEAN	13200		10730		24400	1998
HIGHEST ANNUAL MEAN					10730	2000
LOWEST ANNUAL MEAN					124000	Jan 12 1998
HIGHEST DAILY MEAN	42800	Apr 8	52100	Jun 24	1910	Nov 24 1999
LOWEST DAILY MEAN	1910	Nov 24	1910	Nov 24	2070	Nov 21 1999
ANNUAL SEVEN-DAY MINIMUM	2070	Nov 21	2070	Nov 21	126000	Jan 12 1998
INSTANTANEOUS PEAK FLOW			52900	Jun 25	34.05	Jan 12 1998
INSTANTANEOUS PEAK STAGE			26.89	Jun 25	a1890	Nov 24 1999
INSTANTANEOUS LOW FLOW			a1890	Nov 24	a12.34	Nov 24 1999
INSTANTANEOUS LOW STAGE			a12.34	Nov 24		
ANNUAL RUNOFF (AC-FT)	9554000		7789000		12460000	
10 PERCENT EXCEEDS	29900		24200		40200	
50 PERCENT EXCEEDS	10700		6280		9760	
90 PERCENT EXCEEDS	2280		2280		3670	

a Also occurred on Nov. 25, 1999

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.11	12.90	12.82	14.59	13.59	17.62	18.02	15.12	20.14	25.37	15.11	14.50
2	13.39	12.68	12.96	14.64	14.24	18.43	18.75	15.10	20.02	24.12	15.48	14.42
3	13.49	12.65	12.99	14.79	14.65	18.52	19.60	15.28	19.87	23.38	15.54	13.84
4	13.18	12.81	12.90	14.86	14.84	18.60	20.26	15.80	19.93	22.98	15.51	13.38
5	12.88	12.92	12.79	14.99	14.98	18.79	20.61	17.25	20.24	22.74	15.12	13.71
6	12.71	12.97	12.91	15.14	15.03	18.75	20.83	20.85	20.40	22.66	14.39	14.33
7	12.76	12.95	12.72	14.75	14.94	18.64	21.14	22.65	19.89	21.87	14.11	14.84
8	13.01	12.79	12.57	14.47	15.22	18.48	21.34	23.24	19.90	21.07	14.68	14.90
9	13.33	12.58	12.76	14.07	15.95	18.47	20.94	23.46	20.79	20.27	15.13	14.57
10	13.34	12.51	13.65	13.76	16.20	18.28	20.56	23.67	21.20	20.14	15.26	14.11
11	13.08	12.67	14.48	13.73	16.18	18.11	20.47	23.32	20.87	20.11	15.39	13.71
12	12.78	12.78	14.70	14.04	16.01	17.79	19.93	22.75	20.79	19.70	15.49	13.69
13	12.62	12.82	14.70	14.50	15.77	17.79	18.95	22.09	21.02	19.35	14.78	14.11
14	12.60	12.81	15.13	14.59	15.57	17.81	18.73	21.57	21.23	19.48	14.06	14.48
15	12.64	12.69	17.02	14.47	15.42	17.97	19.71	21.10	21.17	19.39	14.98	14.46
16	12.65	12.48	18.80	14.32	14.87	18.01	20.11	20.39	22.04	19.36	15.85	14.63
17	12.64	12.37	19.92	14.27	14.41	18.08	21.41	19.04	23.81	19.36	15.47	14.43
18	12.58	12.53	19.51	14.41	14.22	17.74	22.17	18.07	24.47	19.50	14.96	14.08
19	12.53	12.69	18.53	14.58	14.13	17.32	22.13	18.07	24.41	19.27	14.54	14.04
20	12.44	12.77	17.96	14.62	13.91	17.15	21.68	19.58	24.75	18.27	13.90	13.93
21	12.69	12.79	17.60	14.60	13.76	17.09	21.01	21.19	25.40	17.49	13.55	13.90
22	13.13	12.68	17.43	14.46	13.78	17.41	19.89	22.12	25.81	16.47	14.01	13.91
23	13.47	12.49	17.36	14.15	13.96	17.27	18.55	22.97	26.39	15.30	14.44	13.89
24	13.43	12.37	17.17	13.89	14.22	17.07	17.97	23.54	26.78	14.93	14.56	13.79
25	13.03	12.37	16.69	13.98	14.30	16.65	17.47	23.15	26.78	15.47	14.60	13.65
26	12.73	12.52	16.27	14.14	14.49	16.15	16.96	22.69	26.50	15.61	14.40	13.72
27	12.69	12.74	15.87	14.01	14.77	16.01	16.51	21.94	26.37	15.26	13.79	15.25
28	12.83	12.87	15.74	14.03	15.16	15.99	16.24	20.96	26.48	15.33	13.37	15.13
29	12.91	12.83	15.55	14.00	15.97	16.19	15.81	20.76	26.51	15.28	13.62	14.70
30	12.96	12.72	14.99	13.80	---	16.73	15.40	20.66	26.26	14.68	14.15	14.04
31	13.01	---	14.69	13.53	---	17.29	---	20.32	---	14.45	14.38	---
MAX	13.49	12.97	19.92	15.14	16.20	18.79	22.17	23.67	26.78	25.37	15.85	15.25
MIN	12.44	12.37	12.57	13.53	13.59	15.99	15.40	15.10	19.87	14.45	13.37	13.38

RED RIVER BASIN

07344410 RED RIVER ABOVE SHREVEPORT, LA (CE 04225)

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

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

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

REMARKS.--Water-quality samples are non-integrated. Samples are dip sampled at centrum of flow. All dissolved constituents are results from water that has be filtered through 0.45 micron filters.

PERIOD OF DAILY RECORD.--

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

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

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

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	TOTAL COLIFORM, M ENDO, WTR (COL/100 ML) (31501)	COLIFORM, FECAL, UM-MF (COL/100 ML) (31625)	FECAL STREP, KF STRP, MF, WATER (COL/100 ML) (31673)
OCT 21...	0945	1180	8.3	17.9	--	12	8.7	21	5.7	K10	K8	K2
NOV 17...	0945	1370	8.1	17.9	30	8.1	7.8	29	3.4	100	K16	K1
DEC 15...	1010	1050	7.8	10.5	20	13	13.1	22	5.5	K44	K44	100
JAN 26...	0930	970	8.0	10.1	--	13	11.3	28	--	110	K4	K90
FEB 24...	1640	960	8.1	18.7	30	20	10.2	24	4.5	K18	--	K8
MAR 29...	1705	348	8.1	21.4	20	19	11.3	23	5.5	260	25	56
MAY 04...	1025	559	7.9	21.3	10	16	7.7	22	2.5	300	120	440
JUN 01...	1020	265	7.6	28.2	40	25	7.6	--	.6	K6	<2	K22
JUL 06...	1005	187	8.2	28.4	60	31	7.6	25	2.3	K110	K8	80
26...	1015	1080	8.2	28.3	20	7.1	8.9	24	6.3	37	K10	K9
AUG 30...	1615	1690	8.4	32.4	10	4.1	10.1	26	6.4	K80	K13	K20
SEP 20...	0910	1190	8.0	25.4	10	2.8	7.3	18	2.7	K10	K8	K7

DATE	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)
OCT 21...	320	87.0	26.0	110	5.5	231	--	150	140	.2	691	657
NOV 17...	350	91.0	29.0	150	5.6	197	--	210	190	.3	835	794
DEC 15...	250	62.0	22.0	110	4.3	100	--	170	150	.2	609	578
JAN 26...	230	59.0	19.0	100	4.1	110	--	150	130	.2	560	528
FEB 24...	240	65.0	20.0	100	4.1	130	--	140	130	.2	557	537
MAR 29...	100	31.0	6.50	26.0	3.0	90	--	35.0	29.0	.1	200	185
MAY 04...	150	41.0	11.0	46.0	3.1	98	97	74.0	64.0	.1	313	297
JUN 01...	74	22.0	4.70	20.0	2.9	59	--	32.0	24.0	.1	157	141
JUL 06...	57	18.0	3.00	12.0	2.9	60	48	16.0	13.0	.1	117	94
26...	270	71.0	22.0	110	4.5	130	128	160	150	.2	653	595
AUG 30...	380	96.0	34.0	200	5.5	136	132	280	290	.3	1060	985
SEP 20...	260	67.0	23.0	130	4.3	111	104	180	190	.2	708	657

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	RESIDUE				NITRO-		PHOS-	PHOS-			BERYL-	
	TOTAL	NITRO-	NITRO-	NITRO-	GEN, AM-		PHOS-	PHORUS	CARBON,	ARSENIC	LITIUM,	CADMIUM
	AT 105	GEN,	GEN,	GEN,	MONIA +		PHORUS	ORTHO	ORGANIC	TOTAL	TOTAL	WATER
	DEG. C,	NITRITE	NO2+NO3	AMMONIA	ORGANIC		TOTAL	TOTAL	TOTAL	TOTAL	RECOV-	UNFLTRD
	SUS- PENDED	TOTAL	TOTAL	TOTAL	TOTAL		TOTAL	TOTAL	TOTAL	TOTAL	ERABLE	TOTAL
	(MG/L)	(MG/L	(MG/L	(MG/L	(MG/L	(MG/L	(MG/L	(MG/L	(MG/L	(UG/L	(UG/L	(UG/L
	(00530)	AS N)	AS N)	AS N)	AS N)	AS P)	AS P)	AS C)	AS AS)	AS BE)	AS CD)	
OCT												
21...	16	<.01	<.1	.05	1.2	.100	.020	13	1	<1	<1.0	
NOV												
17...	21	<.01	<.1	.05	.98	.080	.030	13	--	--	--	
DEC												
15...	25	<.01	.1	.06	.67	.070	E.040	7.1	--	--	--	
JAN												
26...	20	<.01	<.1	.05	.27	<.020	<.010	9.2	1	<1	<1.0	
FEB												
24...	26	<.01	<.1	.05	.79	.090	E.040	9.6	--	--	--	
MAR												
29...	34	E.01	<.1	.03	.86	.090	E.030	8.7	--	--	--	
MAY												
04...	28	<.01	<.1	.06	.60	.090	E.030	8.8	2	<1	<1.0	
JUN												
01...	41	<.01	<.1	.04	.61	.090	E.040	11	--	--	--	
JUL												
06...	42	<.01	<.1	.02	.68	.140	.080	10	--	--	--	
26...	13	E.01	<.1	.06	.99	.110	E.020	10	2	<1	<1.0	
AUG												
30...	15	<.01	<.1	.02	1.2	.100	E.010	9.7	--	--	--	
SEP												
20...	14	<.01	<.1	<.01	.94	.080	E.020	8.1	--	--	--	
DATE	CHRO-	COPPER,	IRON,	LEAD,	MANGA-	MERCURY	NICKEL,		SELE-	ZINC,	CYANIDE	PHENOLS
	MIUM,	TOTAL	TOTAL	TOTAL	NESE,	TOTAL	TOTAL		NIUM,	TOTAL	TOTAL	TOTAL
	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-		RECOV-	RECOV-	RECOV-	RECOV-
	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE		ERABLE	ERABLE	ERABLE	ERABLE
	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L		(UG/L	(UG/L	(MG/L	(UG/L)
	AS CR)	AS CU)	AS FE)	AS PB)	AS MN)	AS HG)	AS NI)		AS SE)	AS ZN)	AS CN)	(UG/L)
	(01034)	(01042)	(01045)	(01051)	(01055)	(71900)	(01067)		(01147)	(01092)	(00720)	(32730)
OCT												
21...	3	2	--	<1	--	<.1	<1	<1	5	<.01	<4	
NOV												
17...	--	--	--	--	--	--	--	--	--	--	--	
DEC												
15...	--	--	--	--	--	--	--	--	--	--	--	
JAN												
26...	<1	1	480	<1	85	<.1	2	<1	4	<.01	<4	
FEB												
24...	--	--	--	--	--	--	--	--	--	--	--	
MAR												
29...	--	--	--	--	--	--	--	--	--	--	--	
MAY												
04...	2	2	780	<1	140	<.1	2	<1	23	<.01	<4	
JUN												
01...	--	--	--	--	--	--	--	--	--	--	--	
JUL												
06...	--	--	--	--	--	--	--	--	--	--	--	
26...	2	3	230	<1	120	<.1	2	<1	7	<.01	<4	
AUG												
30...	--	--	--	--	--	--	--	--	--	--	--	
SEP												
20...	--	--	--	--	--	--	--	--	--	--	--	

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

[illegible]

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	MALA- THION, TOTAL (UG/L) (39530)	PARA- THION, TOTAL (UG/L) (39540)	DI- AZINON, TOTAL (UG/L) (39570)	METHYL PARA- THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	MIREX, TOTAL (UG/L) (39755)	SILVEX, TOTAL (UG/L) (39760)	CARBO- PHENO- THION WATER UNFLTRD (UG/L) (39786)	2,4-DP TOTAL (UG/L) (82183)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (UG/L) (82614)
OCT 21...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
NOV 17...	--	--	--	--	--	--	--	--	--	--	--
DEC 15...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
JAN 26...	--	--	--	--	--	--	--	--	--	--	--
FEB 24...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
MAR 29...	--	--	--	--	--	--	--	--	--	--	--
MAY 04...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
JUN 01...	--	--	--	--	--	--	--	--	--	--	--
JUL 06...	<.03	<.01	<.02	<.01	E.03	<.03	<.01	<.03	<.01	<.04	<.01
26...	--	--	--	--	--	--	--	--	--	--	--
AUG 30...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
SEP 20...	--	--	--	--	--	--	--	--	--	--	--

E Estimated value.

< 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).

M Presence of material verified but not quantified.

RED RIVER BASIN

07344480 CROSS LAKE AT SHREVEPORT, LA

LOCATION.--Lat 32°30'47", long 93°47'48", in NE 1/4 SW 1/4 sec.34, T.18 N., R.14 W., Caddo Parish, Hydrologic Unit 11140304.
 Located on bottom floor of the pump intake building at southwest corner of Shreveport Water and Sewage Treatment Plant.

DRAINAGE AREA.--33.1 mi².

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

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

REMARKS.--Satellite and telephone telemetry with wind speed and direction, and rain gage at site. Capacity at spillway crest is 78,500 acre-ft. Reservoir is used for drinking water, flood control, and conservation. Due to gage malfunction from April 28 to May 9, the maximum gage height for the year was not recorded. The date of the peak was May 5 based on comparison with Paw Paw Bayou near Greenwood, LA (07344450), Shettleworth Bayou near Blanchard, LA (07344460), and Cross Bayou at Hwy 80 West of Greenwood, LA (07344425).

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, see remarks; minimum gage height, 167.49 ft, Jan. 19.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	168.89	168.39	167.73	167.68	167.79	168.67	171.06	---	170.92	170.95	170.64	169.61
2	168.86	168.38	167.69	167.67	167.82	168.66	170.97	---	170.89	170.94	170.63	169.56
3	168.83	168.31	167.78	167.71	167.86	168.76	170.98	---	170.87	170.93	170.62	169.51
4	168.80	168.29	167.80	167.71	167.88	168.72	171.10	---	170.86	170.93	170.61	169.48
5	168.76	168.26	167.95	167.60	167.89	168.73	171.10	---	170.89	170.94	170.60	169.41
6	168.73	168.24	167.88	167.58	167.91	168.75	171.12	---	170.88	170.94	170.59	169.35
7	168.74	168.22	167.84	167.56	167.94	168.75	171.13	---	170.90	170.94	170.57	169.28
8	168.81	168.21	167.82	167.64	167.97	168.79	171.04	---	170.91	170.94	170.56	169.25
9	168.88	168.18	167.87	167.68	167.99	168.82	171.01	---	170.91	170.93	170.54	169.22
10	168.86	168.16	167.83	167.68	168.03	168.85	170.99	171.04	170.92	170.92	170.53	169.20
11	168.84	168.14	167.78	167.66	168.04	168.95	170.96	171.04	170.93	170.91	170.48	169.18
12	168.82	168.12	167.90	167.65	168.06	168.87	171.00	171.03	170.92	170.89	170.46	169.13
13	168.80	168.10	168.00	167.61	168.11	168.87	---	170.95	170.91	170.87	170.45	169.11
14	168.77	168.08	168.00	167.58	168.11	168.88	---	170.91	170.90	170.86	170.43	169.09
15	168.74	168.05	167.99	167.57	168.12	169.00	---	170.90	170.89	170.86	170.39	169.03
16	168.71	168.03	167.94	167.56	168.14	169.36	---	170.88	170.87	170.84	170.35	168.98
17	168.69	168.00	167.92	167.55	168.15	169.70	---	170.85	170.88	170.83	170.30	168.93
18	168.65	167.97	167.94	167.54	168.21	169.95	---	170.83	170.90	170.81	170.26	168.90
19	168.63	167.96	167.92	167.55	168.21	170.21	171.01	170.89	170.90	170.81	170.21	168.85
20	168.60	167.97	167.90	167.57	168.22	170.29	171.02	171.10	170.90	170.79	170.15	168.83
21	168.57	167.93	167.89	167.55	168.23	170.34	170.99	171.08	170.90	170.76	170.10	168.78
22	168.55	167.91	167.87	167.59	168.24	---	170.95	171.06	170.88	170.74	170.06	168.76
23	168.50	167.93	167.86	167.61	168.27	---	170.95	171.15	170.90	170.72	170.03	168.75
24	168.47	167.89	167.84	167.63	168.29	---	171.00	171.04	170.90	170.70	169.99	168.75
25	---	167.88	167.81	167.65	168.28	---	---	171.00	170.90	170.68	169.94	168.79
26	---	167.86	167.80	167.64	168.44	---	170.75	170.98	170.91	170.65	169.90	168.69
27	---	167.83	167.79	167.67	168.54	171.12	170.69	170.96	170.91	170.63	169.85	168.66
28	168.35	167.82	167.78	167.81	168.59	171.07	---	171.05	170.96	170.61	169.80	168.63
29	168.32	167.78	167.74	167.81	168.63	171.15	---	171.01	170.97	170.61	169.75	168.60
30	168.32	167.75	167.72	167.80	---	171.26	---	170.98	170.96	170.64	169.71	168.57
31	168.38	---	167.71	167.79	---	171.11	---	170.95	---	170.65	169.66	---
MAX	---	168.39	168.00	167.81	168.63	---	---	---	170.97	170.95	170.64	169.61
MIN	---	167.75	167.69	167.54	167.79	---	---	---	170.86	170.61	169.66	168.57

07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA

LOCATION.--Lat 32°59'40", long 93°23'47", in NE 1/4 NE 1/4 sec.16, T.23 N., R.10 W., Webster Parish, Hydrologic Unit 11140203, near left bank on downstream side of bridge on State highway 157, 0.4 mi downstream from Crooked Creek, 1.7 mi downstream from Arkansas-Louisiana State line, and 4.2 mi southeast of intersection of State Highways 7 and 157 at Springhill.

DRAINAGE AREA.--605 mi².

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

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

GAGE.--Water-stage recorder. Datum of gage is 173.91 ft above sea level.

REMARKS.--Estimated daily discharges. Records good above 200 ft³/s, fair below, except for discharges less than 50 ft³/s and estimated discharges which are poor.

PEAK DISCHARGES 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)
May 8	2200	3,600	14.14	May 22	0200	*6,540	*15.18

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	8.3	13	10	19	293	800	89	542	102	1.0	.76
2	1.1	8.1	13	7.6	24	283	969	65	290	197	.93	.73
3	1.1	7.8	18	7.4	28	204	1240	51	147	305	.88	.71
4	1.1	7.7	17	7.8	31	146	1530	219	103	353	.85	.72
5	1.0	8.1	25	8.2	34	125	1630	495	154	336	.81	.72
6	.98	8.7	11	8.3	36	123	1640	1090	418	251	.78	.72
7	1.1	8.8	7.7	8.6	36	113	1590	2190	503	139	.73	.72
8	2.2	8.8	8.6	17	32	86	1500	3260	512	58	.67	.73
9	3.4	9.0	11	13	27	59	1270	3310	494	23	.63	.82
10	2.1	9.1	16	8.6	22	49	996	2600	405	11	.58	.98
11	2.0	9.7	14	9.4	19	100	754	1990	281	7.2	.58	.98
12	2.0	9.9	20	16	16	86	575	1570	227	4.9	.61	.92
13	2.0	11	23	17	14	115	451	1640	259	4.0	.64	.91
14	2.2	10	10	15	12	175	392	1370	287	3.2	.69	.85
15	2.4	10	7.4	14	10	194	388	1210	252	2.7	.72	.75
16	2.5	11	8.0	13	8.9	515	383	1220	178	2.5	.74	.69
17	2.6	11	8.1	13	7.8	568	336	1270	102	1.7	.79	.63
18	2.7	11	8.2	13	7.7	705	267	1210	57	1.4	.82	.58
19	3.0	12	8.8	12	8.6	779	212	1280	137	1.3	.79	.56
20	3.2	16	10	12	7.1	794	167	2530	246	1.9	.75	.58
21	3.3	12	13	12	6.3	801	126	5080	359	1.7	.71	.61
22	3.5	9.8	12	12	6.1	756	89	6190	496	1.3	.73	.65
23	4.2	11	11	11	6.4	643	65	4650	610	1.3	.83	.67
24	4.0	12	11	10	6.3	507	139	3320	661	1.1	.93	1.4
25	4.2	12	10	9.6	6.2	391	274	2470	612	1.0	.95	5.3
26	4.7	12	10	9.0	67	353	305	1870	507	1.0	.97	1.5
27	4.9	12	9.8	10	160	415	307	1490	393	1.0	.96	.59
28	5.2	12	10	14	184	410	257	1140	291	.99	.88	.41
29	5.4	13	11	14	256	568	169	904	218	.93	.80	.31
30	6.0	12	11	15	---	763	120	918	149	1.1	.76	.29
31	7.5	---	11	17	---	754	---	825	---	1.2	.76	---
TOTAL	92.58	313.8	377.6	364.5	1098.4	11873	18941	57516	9890	1818.42	24.27	26.79
MEAN	2.99	10.5	12.2	11.8	37.9	383	631	1855	330	58.7	.78	.89
MAX	7.5	16	25	17	256	801	1640	6190	661	353	1.0	5.3
MIN	.98	7.7	7.4	7.4	6.1	49	65	51	57	.93	.58	.29
AC-FT	184	622	749	723	2180	23550	37570	114100	19620	3610	.48	.53
CFSM	.00	.02	.02	.02	.06	.63	1.04	3.07	.54	.10	.00	.00
IN.	.01	.02	.02	.02	.07	.73	1.16	3.54	.61	.11	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2000, BY WATER YEAR (WY)

	119	267	748	953	1180	1154	1216	791	393	190	63.4	99.6
MEAN	119	267	748	953	1180	1154	1216	791	393	190	63.4	99.6
MAX	1569	1351	3223	3061	3188	3586	4646	3707	3262	2937	553	2533
(WY)	1985	1975	1974	1991	1975	1990	1991	1991	1974	1989	1996	1974
MIN	1.12	1.34	12.2	11.8	31.6	96.4	149	22.3	3.10	1.58	.78	.89
(WY)	1996	1996	2000	2000	1996	1996	1987	1988	1988	1964	2000	2000

RED RIVER BASIN

07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1958 - 2000	
ANNUAL TOTAL	192229.75		102336.36		595	
ANNUAL MEAN	527		280		1551	
HIGHEST ANNUAL MEAN					129	
LOWEST ANNUAL MEAN					1974	
HIGHEST DAILY MEAN	12600	Feb 1	6190	May 22	35000	Apr 28 1958
LOWEST DAILY MEAN	.93	Sep 28	.29	Sep 30	.00	Oct 10 1957
ANNUAL SEVEN-DAY MINIMUM	1.0	Sep 23	.61	Sep 17	.07	Oct 8 1957
INSTANTANEOUS PEAK FLOW			6540	May 22	36700	Apr 6 1997
INSTANTANEOUS PEAK STAGE			15.18	May 22	22.79	Apr 28 1958
INSTANTANEOUS LOW FLOW			b.28	Sep 29	a.00	Oct 10 1957
INSTANTANEOUS LOW STAGE			b4.07	Sep 29		
ANNUAL RUNOFF (AC-FT)	381300		203000		430800	
ANNUAL RUNOFF (CFSM)	.87		.46		.98	
ANNUAL RUNOFF (INCHES)	11.82		6.29		13.36	
10 PERCENT EXCEEDS	1490		800		1640	
50 PERCENT EXCEEDS	25		12		127	
90 PERCENT EXCEEDS	2.0		.77		2.7	

a Also occurred Oct 11-14, 1957.

b Also occurred Sep 30.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.13	4.91	5.17	5.22	5.42	8.23	10.42	6.30	9.75	6.48	4.28	4.25
2	4.14	4.91	5.19	5.14	5.54	8.13	10.98	6.07	8.18	7.40	4.26	4.24
3	4.15	4.90	5.29	5.14	5.62	7.43	11.73	5.94	6.92	8.32	4.26	4.23
4	4.15	4.89	5.27	5.16	5.68	6.84	12.37	7.52	6.49	8.66	4.25	4.23
5	4.14	4.92	5.42	5.18	5.72	6.60	12.53	9.53	6.97	8.54	4.24	4.23
6	4.13	4.94	5.12	5.18	5.75	6.55	12.56	11.41	9.07	7.89	4.23	4.23
7	4.18	4.95	5.04	5.20	5.75	6.43	12.47	13.18	9.59	6.84	4.21	4.23
8	4.38	4.96	5.07	5.38	5.69	6.13	12.32	13.96	9.64	6.01	4.20	4.23
9	4.52	4.97	5.15	5.32	5.60	5.82	11.84	13.99	9.54	5.51	4.19	4.26
10	4.39	4.97	5.29	5.20	5.51	5.67	11.10	13.53	9.00	5.22	4.18	4.30
11	4.38	5.00	5.23	5.23	5.43	6.18	10.32	13.00	8.13	5.04	4.18	4.30
12	4.39	5.01	5.35	5.39	5.35	6.02	9.61	12.45	7.70	4.85	4.19	4.28
13	4.40	5.03	5.42	5.39	5.29	6.27	8.88	12.55	7.96	4.74	4.20	4.28
14	4.42	5.03	5.14	5.34	5.24	6.84	8.54	12.12	8.18	4.64	4.22	4.27
15	4.45	5.03	5.06	5.29	5.18	6.99	8.54	11.81	7.90	4.56	4.23	4.24
16	4.47	5.05	5.09	5.27	5.14	9.27	8.52	11.82	7.22	4.52	4.24	4.22
17	4.49	5.06	5.10	5.27	5.08	9.55	8.23	11.94	6.47	4.41	4.26	4.19
18	4.50	5.07	5.10	5.26	5.08	10.12	7.73	11.80	6.01	4.37	4.26	4.18
19	4.53	5.09	5.13	5.26	5.12	10.38	7.28	11.91	6.82	4.33	4.26	4.17
20	4.56	5.20	5.16	5.26	5.04	10.41	6.86	13.41	7.85	4.43	4.24	4.18
21	4.58	5.11	5.25	5.25	4.98	10.43	6.47	14.69	8.69	4.42	4.22	4.19
22	4.60	5.05	5.24	5.24	4.97	10.26	6.13	15.07	9.54	4.33	4.24	4.20
23	4.66	5.09	5.22	5.22	4.99	9.81	5.90	14.56	10.11	4.32	4.27	4.21
24	4.65	5.12	5.20	5.19	4.99	9.09	6.66	13.99	10.29	4.28	4.29	4.34
25	4.67	5.13	5.19	5.16	4.97	8.37	7.91	13.42	10.12	4.26	4.29	4.87
26	4.70	5.14	5.19	5.14	5.89	8.12	8.18	12.86	9.60	4.25	4.30	4.39
27	4.73	5.14	5.19	5.19	7.05	8.52	8.21	12.31	8.92	4.26	4.30	4.18
28	4.74	5.15	5.21	5.31	7.29	8.49	7.83	11.62	8.21	4.26	4.28	4.12
29	4.76	5.17	5.22	5.31	7.93	9.36	7.06	11.04	7.61	4.25	4.26	4.08
30	4.79	5.16	5.23	5.34	---	10.29	6.59	11.08	6.94	4.31	4.25	4.07
31	4.87	---	5.23	5.38	---	10.25	---	10.81	---	4.32	4.25	---
MAX	4.87	5.20	5.42	5.39	7.93	10.43	12.56	15.07	10.29	8.66	4.30	4.87
MIN	4.13	4.89	5.04	5.14	4.97	5.67	5.90	5.94	6.01	4.25	4.18	4.07

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 sea level (levels by Corps of Engineers). Prior to Mar. 1, 1940, nonrecording gage at same site and datum. July 29, 1953, to Sept. 30, 1979, supplementary water-stage recorder 4.6 mi upstream from base gage at different datum.

REMARKS.--Gage heights affected by Lake Bistineau.

AVERAGE DISCHARGE.--46 years (water years 1929-31, 1937-79), 1,111 ft³/s, 13.75 in/yr, 804,900 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44,800 ft³/s, May 1, 1958, gage height, 24.90 ft; 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, 4,880 ft³/s, May 27, gage height, 14.28 ft; minimum gage height, 1.67 ft, Sept. 30.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.41	---	---	---	6.96	7.32	8.85	7.81	11.40	7.84	6.97	6.37
2	6.40	---	---	---	6.97	7.34	10.97	7.76	10.37	7.72	6.95	6.36
3	6.39	---	---	---	7.00	7.38	11.33	7.74	9.54	7.63	6.93	6.33
4	6.35	---	---	---	6.97	7.38	11.17	9.54	8.87	7.56	6.91	6.31
5	6.34	---	---	---	6.99	7.40	11.03	11.36	8.66	7.52	6.90	6.22
6	6.33	---	---	---	7.01	7.39	11.10	11.01	8.57	7.54	6.88	5.91
7	6.35	---	---	---	7.01	7.38	11.25	11.17	8.28	7.55	6.86	5.69
8	6.40	---	---	---	7.02	7.38	11.28	11.36	8.24	7.54	6.84	5.46
9	6.44	---	---	---	7.05	7.37	11.18	11.43	8.29	7.49	6.82	5.22
10	6.43	---	---	---	7.09	7.36	11.04	11.54	8.28	7.44	6.80	5.02
11	6.42	---	---	---	7.07	7.40	10.83	11.70	8.23	7.39	6.78	4.84
12	6.42	---	---	---	7.06	7.38	10.64	12.05	8.16	7.34	6.75	4.55
13	6.42	---	---	---	7.10	7.37	10.40	12.40	8.00	7.31	6.73	4.29
14	6.41	---	---	6.79	7.08	7.38	10.01	12.45	7.85	7.27	6.71	4.05
15	6.41	---	---	6.82	7.11	7.43	9.57	12.25	7.74	7.25	6.69	3.78
16	6.40	---	---	6.82	7.10	7.52	9.11	11.90	7.67	7.24	6.68	3.52
17	6.36	---	---	6.83	7.11	7.55	8.72	11.56	7.71	7.21	6.66	3.29
18	---	---	---	6.83	7.16	7.72	8.44	11.17	7.92	7.20	6.64	3.09
19	---	---	---	6.83	7.11	8.16	8.26	10.93	7.94	7.18	6.62	2.92
20	---	---	---	6.79	7.13	8.26	8.11	11.19	7.87	7.15	6.60	2.75
21	---	---	---	6.82	7.14	8.32	7.86	11.26	7.72	7.12	6.57	2.66
22	---	---	---	6.83	7.15	8.43	7.72	11.12	7.67	7.09	6.56	2.54
23	---	---	---	6.79	7.19	8.46	7.66	11.20	7.73	7.06	6.55	2.41
24	---	---	---	6.79	7.17	8.43	7.80	11.79	7.81	7.04	6.54	2.26
25	---	---	---	6.79	7.20	8.39	7.92	13.04	7.91	7.02	6.51	2.27
26	---	---	---	6.78	7.24	8.40	8.00	14.05	8.05	7.01	6.50	2.04
27	---	---	---	6.81	7.26	8.38	7.96	14.23	8.13	6.99	6.49	1.91
28	---	---	---	6.90	7.27	8.20	7.95	14.19	8.21	6.98	6.46	1.88
29	---	---	---	6.92	7.32	8.23	7.92	13.78	8.37	6.97	6.44	1.81
30	---	---	---	6.94	---	8.60	7.88	13.12	8.06	7.00	6.41	1.73
31	---	---	---	6.95	---	8.69	---	12.35	---	6.98	6.39	---
MAX	---	---	---	---	7.32	8.69	11.33	14.23	11.40	7.84	6.97	6.37
MIN	---	---	---	---	6.96	7.32	7.66	7.74	7.67	6.97	6.39	1.73

RED RIVER BASIN

07349250 LAKE BISTINEAU NEAR RINGGOLD, LA

LOCATION.--Lat 32°19'46", long 93°26'10", in SE 1/4 NW 1/4 sec.31, T.16 N., R.10 W., Bossier Parish, Hydrologic Unit 11140203, 40 ft upstream from spillway near right bank on upstream side of bridge on State Highway 154, 9.0 mi west of Ringgold, and 17.0 mi upstream from mouth of Loggy Bayou.

DRAINAGE AREA.--1,443 mi².

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

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

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

REMARKS.--Reservoir is formed by an earthfill dam containing a 1,200-ft concrete spillway equipped with 12 adjustable gates and a fish ladder. Each gate is 6.0-ft wide and 5.0-ft high and fits into a notch along the spillway crest. The 1.75-ft thick spillway crest is flat and has an invert at 11 ft gage height with invert of the notches at 6 ft gage height. The fish ladder is 4-ft wide and begins flowing at 4.1 ft gage height. Capacity at spillway crest is 120,000 acre-ft. Dam was completed in 1935 and enlarged in 1951. Reservoir is used for flood control and conservation. 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, 12.60 ft, May 5; minimum gage height, 5.09 ft, Sept. 30.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.20	10.11	10.04	10.44	10.74	11.06	11.64	11.32	11.99	11.36	10.75	10.18
2	10.19	10.13	10.01	10.42	10.74	11.07	11.74	11.35	11.89	11.33	10.73	10.16
3	10.18	10.07	10.04	10.42	10.74	11.08	12.50	11.38	11.80	11.30	10.72	10.14
4	10.20	10.05	10.09	10.46	10.77	11.09	12.44	11.79	11.71	11.27	10.70	10.12
5	10.17	10.06	10.19	10.43	10.76	11.09	12.22	12.50	11.67	11.24	10.67	9.96
6	10.14	10.06	10.19	10.44	10.76	11.10	12.06	12.49	11.61	11.21	10.65	9.65
7	10.14	10.06	10.18	10.44	10.77	11.10	11.96	12.29	11.53	11.20	10.63	9.47
8	10.19	10.05	10.18	10.52	10.79	11.09	11.96	12.14	11.46	11.20	10.61	9.16
9	10.23	10.05	10.19	10.53	10.79	11.10	11.85	12.04	11.42	11.18	10.60	8.89
10	10.23	10.04	10.22	10.55	10.78	11.13	11.81	11.98	11.40	11.15	10.58	8.67
11	10.23	10.05	10.23	10.56	10.83	11.18	11.81	11.89	11.39	11.13	10.57	8.48
12	10.22	10.05	10.31	10.55	10.85	11.14	11.89	11.87	11.38	11.11	10.56	8.23
13	10.21	10.04	10.35	10.62	10.83	11.12	11.88	11.95	11.35	11.09	10.54	7.96
14	10.20	10.03	10.34	10.59	10.86	11.11	11.83	11.94	11.31	11.08	10.51	7.71
15	10.19	10.03	10.36	10.55	10.84	11.18	11.76	11.91	11.28	11.06	10.48	7.49
16	10.18	10.02	10.36	10.57	10.87	11.22	11.68	11.89	11.26	11.03	10.46	7.24
17	10.20	10.01	10.36	10.57	10.88	11.23	11.62	11.85	11.27	11.02	10.44	7.00
18	10.18	9.99	10.42	10.58	10.87	11.24	11.54	11.83	11.34	---	10.42	6.77
19	10.17	9.99	10.42	10.59	10.93	11.41	11.46	11.89	11.34	---	10.40	6.55
20	10.14	10.06	10.46	10.62	10.91	11.43	11.43	12.00	11.33	10.95	10.38	6.41
21	10.12	10.04	10.46	10.58	10.90	11.45	11.40	12.02	11.32	10.93	10.37	6.41
22	10.11	10.04	10.44	10.56	10.89	11.50	11.33	11.98	11.30	10.92	10.35	6.18
23	10.12	10.07	10.42	10.61	10.86	11.48	11.29	11.91	11.27	10.90	10.34	5.99
24	10.10	10.11	10.43	10.59	10.90	11.46	11.47	11.86	11.25	10.86	10.31	5.88
25	10.08	10.10	10.44	10.59	10.89	11.45	11.42	11.87	11.26	10.83	10.30	5.90
26	10.07	10.06	10.42	10.58	10.97	11.43	11.38	11.92	11.27	10.81	10.28	5.73
27	10.07	10.06	10.44	10.63	11.03	11.47	11.37	12.02	11.29	10.78	10.25	5.57
28	10.06	10.07	10.43	10.71	11.03	11.43	11.37	12.14	11.33	10.76	10.24	5.44
29	10.05	10.09	10.43	10.70	11.01	11.58	11.35	12.16	11.40	10.74	10.22	5.30
30	10.05	10.07	10.42	10.72	---	11.72	11.33	12.14	11.39	10.77	10.21	5.16
31	10.08	---	10.44	10.72	---	11.68	---	12.08	---	10.77	10.19	---
MAX	10.23	10.13	10.46	10.72	11.03	11.72	12.50	12.50	11.99	---	10.75	10.18
MIN	10.05	9.99	10.01	10.42	10.74	11.06	11.29	11.32	11.25	---	10.19	5.16

07349500 BODCAU BAYOU NEAR SAREPTA, LA

LOCATION.--Lat 32°54'18", long 93°28'58", in NE 1/4 sec.15, T.22 N., R.11 W., Bossier-Webster Parish line, Hydrologic Unit 11140205, on left bank on downstream side of bridge on State Highway 2, 2.1 mi northwest of Sarepta, and 9.5 mi upstream from Caney Creek.

DRAINAGE AREA.--546 mi².

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

REVISED RECORDS.--WSP 1211: Drainage area.

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,600 ft³/s, May 2, 1958, gage height, 25.14 ft; minimum, 0.1 ft³/s at times in 1939, 1943, 1952, and 1954; minimum gage height, 1.43 ft, Aug. 14-19, 1954.

AVERAGE DISCHARGE.--54 years (water years 1939-1992), 598 ft³/s, 433,300 acre-ft/yr.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge 2,860 ft³/s, May 22, gage height, 15.75 ft; minimum gage height, 3.08 ft, Sept. 6.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.17	3.49	3.49	3.24	3.71	4.88	8.37	4.51	9.27	9.21	3.16	3.11
2	3.20	3.40	3.48	3.23	3.79	4.13	8.16	4.32	8.01	8.81	3.14	3.11
3	4.29	3.30	3.73	3.25	3.83	3.90	8.67	4.22	6.92	8.20	3.14	3.10
4	5.77	3.26	3.76	3.27	3.76	4.32	9.81	5.56	6.31	7.63	3.14	3.10
5	6.32	3.31	4.08	3.26	3.62	4.63	10.24	7.55	6.23	7.26	3.13	3.10
6	6.52	3.33	4.07	3.23	3.50	4.43	10.01	8.92	6.46	7.08	3.13	3.09
7	6.65	3.37	3.75	3.23	3.39	4.12	9.04	11.82	6.81	6.83	3.11	3.10
8	6.75	3.40	3.60	3.50	3.32	3.87	7.26	14.80	5.96	6.42	3.11	3.12
9	6.76	3.34	3.52	3.99	3.28	3.68	5.66	15.28	4.60	5.94	3.11	3.17
10	6.71	3.33	3.53	4.01	3.25	3.73	4.97	15.17	4.12	5.42	3.11	3.25
11	6.62	3.34	3.53	3.71	3.21	4.63	4.58	14.70	3.98	4.88	3.14	3.24
12	6.52	3.35	3.72	3.50	3.18	4.69	4.68	14.01	3.86	4.44	3.20	3.23
13	6.43	3.35	4.31	3.39	3.16	4.48	5.21	13.50	3.94	4.11	3.14	3.23
14	6.35	3.38	4.27	3.33	3.17	4.13	5.66	14.08	4.09	3.85	3.11	3.23
15	6.34	3.42	3.90	3.29	3.20	4.60	5.52	14.67	3.93	3.64	3.10	3.22
16	6.78	3.37	3.64	3.26	3.21	8.42	5.08	14.39	3.73	3.44	3.11	3.19
17	7.16	3.36	3.52	3.25	3.19	9.05	4.68	13.57	3.60	3.29	3.11	3.16
18	7.32	3.36	3.47	3.22	3.21	9.15	4.42	12.38	3.58	3.21	3.12	3.15
19	7.34	3.36	3.44	3.22	3.29	8.71	4.13	11.15	3.76	3.18	3.11	3.16
20	7.29	3.49	3.42	3.22	3.33	7.41	3.90	11.69	4.00	3.16	3.11	3.17
21	7.20	3.54	3.41	3.19	3.29	6.57	3.71	14.64	4.48	3.15	3.12	3.20
22	7.09	3.46	3.38	3.15	3.24	6.08	3.61	15.67	5.68	3.16	3.12	3.20
23	6.90	3.47	3.35	3.14	3.23	5.54	3.85	15.65	7.13	3.15	3.12	3.20
24	5.70	3.52	3.33	3.13	3.22	5.06	5.61	15.21	8.23	3.14	3.12	3.46
25	3.94	3.51	3.30	3.12	3.23	4.80	5.13	14.52	8.94	3.13	3.12	3.82
26	3.29	3.47	3.30	3.12	4.30	4.74	5.16	13.65	9.35	3.13	3.12	3.64
27	3.17	3.46	3.29	3.24	6.55	5.40	5.17	12.71	9.55	3.13	3.11	3.34
28	3.17	3.46	3.28	3.64	6.89	6.05	5.16	11.97	9.71	3.16	3.10	3.23
29	3.15	3.45	3.26	3.77	6.11	7.52	4.93	11.16	9.69	3.20	3.10	3.20
30	3.13	3.50	3.26	3.66	---	8.69	4.74	10.76	9.45	3.19	3.11	3.18
31	3.32	---	3.26	3.65	---	8.81	---	10.28	---	3.19	3.11	---
MAX	7.34	3.54	4.31	4.01	6.89	9.15	10.24	15.67	9.71	9.21	3.20	3.82
MIN	3.13	3.26	3.26	3.12	3.16	3.68	3.61	4.22	3.58	3.13	3.10	3.09

RED RIVER BASIN

07349815 CYPRESS BAYOU LAKE NEAR BENTON, LA

LOCATION.--Lat 32°39'07", long 93°40'11", in NE 1/4 SW 1/4 sec.12, T.19 N., R.13 W., Bossier Parish, Hydrologic Unit 11140204, attached to pier of catwalk to diversion structure about 4,500 ft northwest of spillway, and 5.0 mi southeast of Benton.

DRAINAGE AREA.--163 mi².

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

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

REMARKS.--Reservoir is formed by a 6,000-ft earthfill dam on Cypress Bayou. The 250-ft concrete spillway with 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, 10.38 ft, May 8; minimum gage height, 2.69 ft, Dec. 2.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.54	4.03	2.75	3.28	3.74	4.56	10.01	9.76	9.73	9.68	9.01	8.35
2	7.34	4.00	2.73	3.28	3.76	4.58	10.22	9.76	9.69	9.68	8.98	8.33
3	7.13	3.72	2.83	3.29	3.78	4.62	10.32	9.74	9.67	9.66	8.96	8.31
4	6.94	3.65	2.87	3.29	3.81	4.62	10.31	9.93	9.64	9.64	8.94	8.29
5	6.72	3.65	3.00	3.27	3.80	4.63	10.28	10.17	9.74	9.62	8.92	8.26
6	6.50	3.65	2.99	3.27	3.80	4.64	10.26	10.25	9.72	9.60	8.89	8.22
7	6.31	3.65	2.98	3.27	3.82	4.65	10.20	10.33	9.69	9.59	8.86	8.19
8	6.14	3.65	2.97	3.38	3.83	4.67	10.14	10.36	9.67	9.57	8.83	8.16
9	5.90	3.60	2.99	---	3.83	4.69	10.00	10.31	9.65	9.54	8.81	8.15
10	5.61	3.29	3.02	3.44	3.84	4.73	9.91	10.22	9.68	9.51	8.80	8.13
11	5.31	2.95	3.02	3.47	3.87	4.84	9.87	10.09	9.67	9.48	8.78	8.12
12	5.01	2.84	3.13	3.47	3.87	4.89	9.97	9.99	9.68	9.46	8.77	8.12
13	4.70	2.83	3.21	3.51	3.86	4.98	10.02	9.96	9.66	9.44	8.74	8.12
14	4.39	2.83	3.22	3.49	3.87	5.04	10.05	9.89	9.64	9.43	8.71	8.11
15	4.09	2.83	3.25	3.48	3.86	5.24	10.03	9.85	9.62	9.41	8.69	8.09
16	4.02	2.81	3.25	3.49	3.88	5.91	9.98	9.84	9.60	9.38	8.67	8.05
17	4.02	2.81	3.26	3.49	3.87	6.36	9.92	9.80	9.61	9.36	8.64	8.02
18	4.00	2.79	3.30	3.50	3.91	6.84	9.86	9.76	9.63	9.34	8.62	8.00
19	3.99	2.79	3.30	3.50	3.95	7.39	9.79	9.91	9.61	9.31	8.59	7.97
20	3.97	2.83	3.32	3.51	3.94	7.67	9.77	10.20	9.61	9.29	8.57	7.96
21	3.96	2.81	3.32	3.47	3.93	7.87	9.72	10.22	9.64	9.27	8.55	7.97
22	3.95	2.81	3.30	3.46	3.92	8.03	9.67	10.21	9.71	9.24	8.56	7.96
23	3.95	2.81	3.30	3.48	3.92	8.14	9.64	10.19	9.72	9.21	8.54	7.94
24	3.93	2.81	3.30	3.47	3.93	8.22	9.74	10.15	9.70	9.18	8.52	8.03
25	3.91	2.81	3.30	3.47	3.92	8.30	9.78	10.05	9.68	9.14	8.50	8.21
26	3.90	2.79	3.30	3.44	4.07	8.39	9.83	9.93	9.65	9.11	8.48	8.15
27	3.89	2.78	3.30	---	4.22	8.58	9.85	9.86	9.63	9.09	8.45	8.13
28	3.89	2.78	3.29	3.65	4.35	8.77	9.84	9.89	9.62	9.07	8.43	8.12
29	3.88	2.79	3.29	3.66	4.47	9.13	9.81	9.85	9.66	9.04	8.41	8.10
30	3.91	2.77	3.28	3.68	---	9.46	9.78	9.82	9.66	9.04	8.39	8.08
31	4.01	---	3.29	3.71	---	9.76	---	9.78	---	9.03	8.37	---
MAX	7.54	4.03	3.32	---	4.47	9.76	10.32	10.36	9.74	9.68	9.01	8.35
MIN	3.88	2.77	2.73	---	3.74	4.56	9.64	9.74	9.60	9.03	8.37	7.94

07349860 RED CHUTE BAYOU AT SLIGO, LA

LOCATION.--Lat 32°26'50", long 93°35'40", SW 1/4 NW 1/4 sec.22, T.17 N., R.12 W., Bossier Parish, Hydrologic unit 11140204, on downstream side of bridge on State Highway 612, 0.5 mi west of Sligo.

DRAINAGE AREA.--980 mi².

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

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

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

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	212	15	43	150	183	793	588	2020	520	37	24
2	163	162	17	42	181	174	1020	579	1990	535	37	24
3	191	119	20	41	169	177	1160	559	1970	561	38	24
4	206	95	25	40	128	194	1280	1440	1940	581	38	24
5	218	76	44	40	106	213	1330	1570	1960	593	38	23
6	224	84	60	42	89	223	1380	1520	1960	603	37	23
7	231	85	53	37	79	219	1410	1390	1930	608	36	22
8	247	73	48	50	74	204	1440	1280	1890	607	35	22
9	274	58	66	73	72	183	1450	1210	1850	602	34	22
10	304	46	68	74	74	163	1440	1200	1810	591	33	23
11	335	35	64	77	103	155	1410	1220	1750	575	31	24
12	363	127	78	80	122	148	1430	1270	1690	556	30	26
13	386	219	129	77	118	144	1420	1340	1630	534	30	28
14	404	191	128	70	110	136	1380	1370	1550	510	31	30
15	420	123	144	65	94	166	1350	1380	1470	483	30	30
16	430	96	133	62	82	283	1310	1380	1390	449	29	31
17	427	63	116	61	81	373	1290	1420	1300	409	28	31
18	392	50	106	59	94	439	1240	1450	1210	365	28	30
19	347	41	99	57	111	556	1180	1580	1120	318	27	28
20	319	35	91	56	116	544	1110	1880	1040	266	27	27
21	298	31	85	54	111	570	1050	1880	974	207	27	27
22	286	29	81	51	103	639	986	1960	907	151	27	28
23	280	28	77	48	93	676	937	1980	840	110	27	29
24	279	28	71	56	78	680	914	1980	773	76	28	33
25	280	26	65	103	64	678	816	1980	706	58	28	41
26	285	24	61	85	68	705	749	1990	650	51	27	49
27	287	23	56	49	110	719	710	1990	599	46	26	59
28	285	21	51	72	158	683	685	2130	558	42	26	72
29	276	19	48	115	176	863	650	2070	532	39	25	76
30	261	16	45	131	---	879	619	2030	518	42	25	70
31	249	---	44	146	---	794	---	2030	---	41	24	---
TOTAL	8995	2235	2188	2056	3114	12763	33939	47646	40527	11129	944	1000
MEAN	290	74.5	70.6	66.3	107	412	1131	1537	1351	359	30.5	33.3
MAX	430	219	144	146	181	879	1450	2130	2020	608	38	76
MIN	48	16	15	37	64	136	619	559	518	39	24	22
AC-FT	17840	4430	4340	4080	6180	25320	67320	94510	80390	22070	1870	1980

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2000, BY WATER YEAR (WY)

	MEAN	153	411	949	1439	1904	2028	1840	1294	987	681	241	107
MAX	724	2001	2119	2991	3474	4355	4827	4244	2567	3288	2130	419	
(WY)	1985	1985	1992	1988	1999	1997	1997	1991	1989	1989	1989	1989	
MIN	6.97	22.0	47.0	66.3	79.8	44.6	152	71.7	14.5	21.8	14.1	4.24	
(WY)	1989	1981	1981	2000	1996	1996	1996	1982	1988	1988	1987	1987	

RED RIVER BASIN

07349860 RED CHUTE BAYOU AT SLIGO, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1980 - 2000	
ANNUAL TOTAL	418303		166536		999	
ANNUAL MEAN	1146		455		2068	
HIGHEST ANNUAL MEAN					206	
LOWEST ANNUAL MEAN					6630	
HIGHEST DAILY MEAN	5510	Jan 30	2130	May 28	2.2	1997
LOWEST DAILY MEAN	15	Dec 1	15	Dec 1	2.8	1982
ANNUAL SEVEN-DAY MINIMUM	18	Aug 21	19	Nov 27	2.8	1991
INSTANTANEOUS PEAK FLOW			2160	May 28	6800	1982
INSTANTANEOUS PEAK STAGE			27.38	May 28	38.26	1991
INSTANTANEOUS LOW FLOW			a15	Dec 1	*	
INSTANTANEOUS LOW STAGE			b15.51	Sep 8	*	
ANNUAL RUNOFF (AC-FT)	829700		330300		723800	
10 PERCENT EXCEEDS	2960		1420		2630	
50 PERCENT EXCEEDS	347		144		450	
90 PERCENT EXCEEDS	21		28		23	

a Also occurred on Dec 2, 1999

b Also occurred on Sep 9, 2000

* Not Determined

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.23	18.22	15.54	16.11	17.49	17.81	21.76	20.65	26.88	20.10	15.83	15.56
2	17.74	17.72	15.58	16.10	17.78	17.73	22.90	20.60	26.79	20.19	15.81	15.56
3	18.02	17.25	15.66	16.08	17.67	17.75	23.49	20.48	26.70	20.35	15.83	15.56
4	18.16	16.95	15.77	16.06	17.26	17.91	24.06	24.54	26.62	20.47	15.84	15.55
5	18.27	16.71	16.13	16.06	17.02	18.08	24.26	25.21	26.68	20.54	15.83	15.54
6	18.33	16.81	16.39	16.08	16.83	18.16	24.45	25.05	26.67	20.60	15.81	15.53
7	18.40	16.83	16.27	16.01	16.70	18.13	24.58	24.51	26.56	20.63	15.80	15.52
8	18.54	16.66	16.19	16.22	16.63	18.00	24.71	24.03	26.43	20.62	15.77	15.51
9	18.77	16.44	16.49	16.60	16.60	17.81	24.74	23.74	26.26	20.59	15.75	15.51
10	19.02	16.25	16.51	16.62	16.63	17.62	24.70	23.69	26.11	20.53	15.73	15.53
11	19.28	16.06	16.46	16.66	16.99	17.55	24.61	23.79	25.92	20.43	15.70	15.56
12	19.49	17.27	16.66	16.70	17.20	17.48	24.67	24.01	25.69	20.32	15.68	15.60
13	19.66	18.29	17.35	16.66	17.16	17.43	24.62	24.30	25.44	20.18	15.69	15.65
14	19.80	18.01	17.35	16.55	17.07	17.36	24.46	24.43	25.12	20.04	15.69	15.69
15	19.91	17.27	17.54	16.47	16.89	17.63	24.34	24.46	24.82	19.86	15.68	15.69
16	19.99	16.92	17.41	16.43	16.74	18.65	24.19	24.46	24.46	19.64	15.67	15.69
17	19.97	16.44	17.19	16.40	16.72	19.30	24.10	24.62	24.08	19.37	15.65	15.70
18	19.71	16.23	17.06	16.38	16.89	19.74	23.88	24.75	23.70	19.07	15.63	15.68
19	19.36	16.07	16.97	16.34	17.08	20.46	23.61	25.27	23.27	18.72	15.62	15.65
20	19.15	15.97	16.86	16.32	17.13	20.39	23.31	26.38	22.91	18.31	15.62	15.63
21	18.98	15.89	16.77	16.29	17.08	20.55	23.04	26.39	22.58	17.81	15.62	15.63
22	18.87	15.85	16.72	16.24	16.99	20.94	22.72	26.67	22.25	17.27	15.62	15.65
23	18.82	15.83	16.65	16.19	16.87	21.14	22.49	26.77	21.90	16.83	15.63	15.67
24	18.81	15.82	16.56	16.31	16.68	21.17	22.37	26.75	21.55	16.41	15.64	15.73
25	18.83	15.79	16.48	16.99	16.50	21.15	21.89	26.77	21.18	16.16	15.64	15.89
26	18.86	15.76	16.40	16.77	16.56	21.30	21.54	26.79	20.87	16.04	15.62	16.02
27	18.88	15.72	16.33	16.27	17.07	21.38	21.33	26.80	20.57	15.97	15.61	16.17
28	18.87	15.67	16.25	16.59	17.57	21.18	21.20	27.27	20.32	15.90	15.60	16.36
29	18.79	15.62	16.19	17.12	17.75	22.12	21.00	27.07	20.17	15.85	15.59	16.41
30	18.66	15.57	16.15	17.30	---	22.20	20.83	26.95	20.09	15.90	15.58	16.33
31	18.56	---	16.12	17.45	---	21.77	---	26.91	---	15.88	15.57	---
MAX	19.99	18.29	17.54	17.45	17.78	22.20	24.74	27.27	26.88	20.63	15.84	16.41
MIN	16.23	15.57	15.54	16.01	16.50	17.36	20.83	20.48	20.09	15.85	15.57	15.51

07350500 RED RIVER AT COUSHATTA, LA

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

DRAINAGE AREA.--63,362 mi².

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

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	TOTAL COLI- FORM, M ENDO MF, WTR (COL/ 100 ML) (31501)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)
OCT 21...	1150	840	8.0	22.2	--	1.1	4.3	27	1.2	K30	--	<2
NOV 17...	1205	1050	8.0	18.7	50	4.8	6.4	31	3.0	K100	K4	K16
DEC 15...	1225	1260	8.0	13.1	20	5.6	11.3	30	5.0	K36	K7	110
JAN 26...	1145	1070	7.9	12.3	--	11	9.2	24	--	200	<1	44
FEB 24...	1450	650	7.8	17.0	30	8.5	9.3	20	1.9	>160	K7	K16
MAR 29...	1520	322	7.4	21.0	80	30	9.5	24	3.7	K56	25	74
MAY 04...	1235	395	7.6	22.3	30	14	6.3	22	1.2	150	57	90
31...	1730	263	8.3	28.4	50	15	7.1	28	.6	84	K5	76
JUL 06...	1330	182	8.1	29.2	60	26	7.3	23	2.1	K40	K11	80
26...	1425	577	9.1	32.6	20	4.8	12.8	31	8.7	K20	K4	K2
AUG 30...	1355	1280	8.6	32.8	10	1.9	9.3	27	4.8	K14	K4	K5
SEP 20...	1100	1330	7.9	26.2	20	6.5	6.2	19	2.4	K29	<1	K28

DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)
OCT 21...	220	57.0	19.0	82.0	4.8	167	--	100	98.0	.2	497	461
NOV 17...	280	73.0	23.0	110	5.5	195	--	140	130	.2	633	599
DEC 15...	330	84.0	29.0	130	5.5	194	--	180	160	.3	749	705
JAN 26...	260	68.0	22.0	120	4.8	142	--	160	150	.2	634	610
FEB 24...	150	42.0	12.0	66.0	3.5	90	--	91.0	84.0	.2	371	353
MAR 29...	78	23.0	5.10	29.0	3.5	74	--	35.0	29.0	.1	193	169
MAY 04...	98	27.0	7.40	33.0	3.2	68	68	51.0	44.0	.1	224	206
31...	67	19.0	4.70	22.0	3.0	47	--	32.0	29.0	.1	162	138
JUL 06...	55	17.0	3.10	12.0	2.9	58	26	15.0	13.0	<.1	112	79
26...	140	38.0	10.0	51.0	4.2	90	86	73.0	66.0	.2	336	294
AUG 30...	300	76.0	26.0	150	5.3	122	124	200	210	.2	791	742
SEP 20...	290	73.0	25.0	150	5.0	115	110	210	210	.2	796	740

RED RIVER BASIN

07350500 RED RIVER AT COUSHATTA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDEED (MG/L) (00530)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L) AS C) (00680)	ARSENIC TOTAL (UG/L) AS AS) (01002)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L) AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L) AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) AS CR) (01034)
OCT 21...	6	<.01	M	.15	.72	.090	.040	9.6	2	<1	<1.0	4
NOV 17...	8	<.01	.1	.13	.89	.070	.030	12	--	--	--	--
DEC 15...	12	<.01	.2	.13	.66	.060	E.040	8.8	--	--	--	--
JAN 26...	14	<.01	.1	.17	.49	<.020	E.030	8.8	1	<1	<1.0	<1
FEB 24...	13	<.01	M	.19	.84	.070	E.030	10	--	--	--	--
MAR 29...	29	E.01	.2	.11	.76	.110	E.060	12	--	--	--	--
MAY 04...	21	<.01	E.1	.16	.73	.090	E.050	9.5	2	<1	<1.0	1
31...	27	<.01	<.1	.03	.68	.090	E.040	12	--	--	--	--
JUL 06...	26	<.01	.1	.03	.49	.130	.080	10	--	--	--	--
26...	7	E.01	<.1	.06	.87	.130	E.060	12	3	<1	<1.0	<1
AUG 30...	6	<.01	<.1	.05	.92	.100	E.050	9.1	--	--	--	--
SEP 20...	10	<.01	.1	.06	.83	.090	E.040	8.8	--	--	--	--

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L) AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L) AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L) AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L) AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L) AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L) AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L) AS SE) (01147)	ZINC, TOTAL RECOV- ERABLE (UG/L) AS ZN) (01092)	CYANIDE TOTAL (MG/L) AS CN) (00720)	PHENOLS TOTAL (UG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 21...	2	130	<1	81	<.1	<1	<1	6	<.01	<4	<1
NOV 17...	--	--	--	--	--	--	--	--	--	--	--
DEC 15...	--	--	--	--	--	--	--	--	--	--	--
JAN 26...	2	340	<1	72	<.1	2	<1	3	<.01	<4	<1
FEB 24...	--	--	--	--	--	--	--	--	--	--	--
MAR 29...	--	--	--	--	--	--	--	--	--	--	--
MAY 04...	2	960	<1	130	<.1	2	<1	19	<.01	<4	<1
31...	--	--	--	--	--	--	--	--	--	--	--
JUL 06...	--	--	--	--	--	--	--	--	--	--	--
26...	2	160	<1	60	<.1	1	<1	7	<.01	7	E2
AUG 30...	--	--	--	--	--	--	--	--	--	--	--
SEP 20...	--	--	--	--	--	--	--	--	--	--	--

E Estimated value.

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

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

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

M Presence of material verified but not quantified.

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 sea level (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.

PEAK DISCHARGES 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)
May 5	0031	*4,560	*11.07	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.44	1.8	3.3	4.5	7.3	2.2	66	7.4	6.4	5.7	.00	.00
2	.34	2.4	3.5	4.7	7.2	1.7	505	70	5.2	13	.00	.00
3	.24	2.2	4.7	4.6	6.4	1.1	716	153	4.5	2.7	.00	.00
4	.16	2.2	5.9	4.8	6.3	.97	729	1440	4.7	1.5	.00	.00
5	.08	2.1	7.1	4.5	5.6	1.0	196	2310	42	1.2	.00	.00
6	.01	2.1	7.0	4.5	5.2	.95	53	433	36	.88	.00	.00
7	.10	2.0	4.2	4.8	5.2	.97	29	90	11	.83	.00	.00
8	.31	1.9	2.9	6.1	4.9	1.1	20	42	6.0	.82	.00	.00
9	3.3	1.8	2.3	11	5.0	1.1	14	27	4.3	.79	.00	.00
10	2.9	1.8	2.2	9.1	5.1	1.2	10	21	4.3	.75	.00	.00
11	.93	1.7	2.1	5.9	5.0	3.5	9.4	18	13	.65	.00	.00
12	.74	1.7	3.7	4.8	5.1	11	1030	16	29	.58	.00	.00
13	.64	1.7	13	3.9	5.0	4.5	1540	17	13	.54	.00	.00
14	.58	1.9	6.6	3.5	4.9	2.2	305	21	6.6	.49	.00	.00
15	.59	2.0	2.7	3.6	4.8	12	84	16	5.2	.44	.00	.00
16	.60	2.3	1.6	3.4	4.8	289	46	9.5	3.9	.37	.00	.00
17	.63	2.4	1.4	3.3	4.8	121	28	8.2	3.5	.29	.00	.00
18	.64	2.5	1.4	3.5	4.7	42	18	7.5	3.4	.24	.00	.00
19	.66	2.7	2.4	3.3	4.4	46	13	8.3	6.5	.24	.00	.00
20	.66	3.2	2.8	4.4	4.6	46	12	288	5.1	.22	.00	.00
21	.67	3.2	2.2	4.9	4.4	24	8.7	384	3.2	.22	.00	.00
22	.67	3.3	1.7	4.8	4.3	115	6.2	59	2.6	.22	.00	.00
23	.69	3.7	1.5	4.8	4.2	164	5.3	24	2.3	.21	.00	.00
24	.75	4.0	1.4	4.7	4.4	41	29	15	1.9	.15	.00	.00
25	.81	4.4	2.1	4.8	4.4	23	19	11	1.9	.06	.00	.00
26	.85	4.4	2.5	4.8	5.9	441	8.4	8.4	2.2	.00	.00	.00
27	.87	4.2	3.0	5.2	37	697	6.9	6.9	2.5	.00	.00	.00
28	.87	3.9	3.5	5.9	11	557	81	84	3.1	.00	.00	.00
29	.86	3.6	3.9	7.4	3.8	214	36	58	4.6	.00	.00	.00
30	.95	3.6	3.8	7.4	---	512	12	17	6.5	.00	.00	.00
31	1.4	---	3.9	7.3	---	155	---	8.8	---	.00	.00	---
TOTAL	23.94	80.7	110.3	160.2	185.7	3532.49	5635.9	5679.0	244.4	33.09	0.00	0.00
MEAN	.77	2.69	3.56	5.17	6.40	114	188	183	8.15	1.07	.000	.000
MAX	3.3	4.4	13	11	37	697	1540	2310	42	13	.00	.00
MIN	.01	1.7	1.4	3.3	3.8	.95	5.3	6.9	1.9	.00	.00	.00
AC-FT	47	160	219	318	368	7010	11180	11260	485	66	.00	.00
CFSM	.01	.04	.05	.08	.10	1.73	2.85	2.78	.12	.02	.00	.00
IN.	.01	.05	.06	.09	.10	1.99	3.18	3.20	.14	.02	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

	26.6	49.0	102	178	189	132	131	113	54.0	15.8	19.4	4.25
MEAN	26.6	49.0	102	178	189	132	131	113	54.0	15.8	19.4	4.25
MAX	370	437	534	1014	452	388	603	517	436	196	454	106
(WY)	1950	1941	1941	1999	1990	1997	1997	1953	1986	1989	1955	1996
MIN	.000	.000	.000	3.26	5.73	4.57	5.19	.85	.000	.000	.000	.000
(WY)	1940	1940	1957	1956	1943	1986	1943	1998	1998	1954	1943	1939

RED RIVER BASIN

07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1939 - 2000
ANNUAL TOTAL	48328.78	15685.72	
ANNUAL MEAN	132	42.9	84.7
HIGHEST ANNUAL MEAN			168
LOWEST ANNUAL MEAN			3.59
HIGHEST DAILY MEAN	16600 Jan 29	2310 May 5	16600 Jan 29 1999
LOWEST DAILY MEAN	.00 Aug 20	.00 Jul 26	.00 Jun 15 1939
ANNUAL SEVEN-DAY MINIMUM	.00 Aug 20	.00 Jul 26	.00 Jun 15 1939
INSTANTANEOUS PEAK FLOW		4560 May 5	27200 Jan 29 1999
INSTANTANEOUS PEAK STAGE		11.07 May 5	13.62 Aug 3 1955
INSTANTANEOUS LOW FLOW		a.00 Oct 6	b.00
ANNUAL RUNOFF (AC-FT)	95860	31110	61370
ANNUAL RUNOFF (CFSM)	2.01	.65	1.28
ANNUAL RUNOFF (INCHES)	27.24	8.84	17.44
10 PERCENT EXCEEDS	66	42	115
50 PERCENT EXCEEDS	3.9	3.4	4.8
90 PERCENT EXCEEDS	.32	.00	.00

a Also occurred Oct 7, and Jul 26 to Sep 30

b At times most years

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.72	2.25	2.38	2.46	2.63	2.29	3.68	2.00	1.46	1.89	1.59	.63
2	1.70	2.31	2.40	2.47	2.62	2.24	8.10	3.42	1.37	2.32	1.57	.60
3	1.68	2.29	2.47	2.47	2.58	2.17	9.46	4.93	1.32	1.76	1.54	.56
4	1.66	2.29	2.55	2.48	2.57	2.14	9.41	8.49	1.33	1.69	1.52	.54
5	1.64	2.28	2.62	2.46	2.53	2.15	5.37	10.36	2.83	1.68	1.49	.52
6	1.61	2.28	2.61	2.46	2.51	2.13	3.45	7.29	2.67	1.64	1.45	.50
7	1.67	2.27	2.44	2.48	2.51	2.14	2.86	3.89	1.77	1.66	1.42	.48
8	1.82	2.26	2.35	2.56	2.49	2.17	2.56	2.87	1.43	1.70	1.39	.47
9	2.26	2.25	2.30	2.80	2.49	2.17	2.34	2.41	1.30	1.72	1.36	.51
10	2.33	2.25	2.29	2.71	2.50	2.19	2.15	2.21	1.30	1.74	1.33	.60
11	2.12	2.24	2.28	2.55	2.49	2.36	2.12	2.08	1.76	1.74	1.31	.59
12	2.04	2.24	2.41	2.48	2.50	2.79	8.05	2.00	2.46	1.74	1.28	.58
13	2.00	2.24	2.85	2.42	2.50	2.46	10.03	2.04	1.83	1.77	1.25	.58
14	1.98	2.25	2.58	2.40	2.49	2.29	6.32	2.22	1.47	1.78	1.22	.58
15	1.98	2.27	2.33	2.40	2.48	2.63	4.03	1.99	1.37	1.79	1.19	.57
16	1.99	2.30	2.23	2.39	2.48	6.34	3.30	1.67	1.27	1.80	1.17	.56
17	2.00	2.31	2.21	2.38	2.48	4.49	2.84	1.59	1.23	1.80	1.14	.55
18	2.00	2.32	2.21	2.40	2.47	3.19	2.50	1.54	1.24	1.81	1.11	.53
19	2.01	2.33	2.30	2.38	2.46	3.27	2.30	1.59	1.52	1.81	1.08	.52
20	2.01	2.37	2.34	2.46	2.47	3.29	2.26	5.63	1.45	1.80	1.05	.53
21	2.01	2.38	2.29	2.49	2.46	2.69	2.08	6.91	1.35	1.80	1.02	.56
22	2.01	2.39	2.24	2.48	2.45	4.10	1.92	3.27	1.33	1.80	.99	.56
23	2.02	2.41	2.22	2.48	2.45	5.02	1.86	2.33	1.33	1.80	.96	.56
24	2.05	2.43	2.21	2.47	2.46	3.17	2.82	1.94	1.34	1.76	.93	.60
25	2.07	2.45	2.28	2.48	2.46	2.66	2.52	1.73	1.37	1.71	.90	.87
26	2.09	2.46	2.32	2.48	2.55	7.47	2.06	1.60	1.44	1.68	.87	.88
27	2.10	2.44	2.36	2.51	3.50	9.43	1.95	1.50	1.51	1.65	.83	.86
28	2.10	2.42	2.39	2.55	2.77	8.43	3.94	3.30	1.61	1.63	.79	.84
29	2.10	2.40	2.42	2.63	2.41	5.65	3.01	3.18	1.76	1.61	.75	.82
30	2.12	2.40	2.42	2.63	---	8.31	2.25	2.02	1.92	1.63	.71	.80
31	2.21	---	2.42	2.62	---	4.94	---	1.62	---	1.62	.67	---
MAX	2.33	2.46	2.85	2.80	3.50	9.43	10.03	10.36	2.83	2.32	1.59	.88
MIN	1.61	2.24	2.21	2.38	2.41	2.13	1.86	1.50	1.23	1.61	.67	.47

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

REMARKS.--Records fair except for discharge below 200 cfs, which is poor. Satellite telemetry at station.

AVERAGE DISCHARGE.--20 years, 1033 ft³/s, 748,400 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, 7,090 ft³/s, Apr. 5 (from measurement number 152), gage height, 21.40 ft; maximum gage height, 21.43 ft; minimum gage height, 4.46 ft, Nov. 25, and 26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e85	e156	e140	e121	136	143	3180	e560	515	e1780	106	103
2	e130	e121	e160	e125	131	145	3210	e800	458	e1420	111	108
3	e155	e123	e175	e127	124	132	e5000	e1370	415	e755	118	e103
4	e120	e118	e162	e111	126	143	e5580	e2000	386	e560	108	e110
5	e130	e124	e181	e119	119	143	6430	e5000	365	e490	101	e105
6	e150	e141	e149	e130	123	153	e6000	e5600	405	e388	115	e107
7	e104	e153	e129	e113	122	152	e5600	e6050	415	335	109	e106
8	e93	e129	e105	e103	126	145	e4250	e5800	402	321	108	e103
9	e160	e140	e131	e112	120	133	e2700	e5300	e380	289	102	e101
10	e114	e178	e151	e126	123	132	e1890	e4190	e350	248	105	e110
11	e145	e150	e167	e120	121	132	e1300	e3570	e420	231	106	e98
12	e132	e118	e175	e128	124	153	e2060	e2800	e465	195	103	e101
13	e112	e158	e170	e114	121	148	e3300	2410	e425	193	104	e109
14	e133	e112	e184	e116	116	152	e4200	1940	e400	191	114	e106
15	e98	e123	e160	e121	122	152	e4380	1630	e390	173	101	e102
16	e122	e145	e210	e129	120	182	e3280	1360	e420	170	94	e104
17	e145	e110	e282	e121	122	376	e2400	1090	e400	167	105	e107
18	e137	e97	e394	e110	118	429	e1750	931	e575	164	105	e108
19	e106	e105	e329	115	111	e1100	e1290	763	e940	154	103	e111
20	e130	e138	e280	118	113	e1010	e1120	1120	e1120	151	100	e106
21	e112	e152	e216	128	123	e790	e950	1970	e1000	158	100	e99
22	e122	e140	e165	116	121	e1190	e885	2250	e1490	139	106	e101
23	e114	e150	e190	113	131	e2220	e840	2150	e1640	118	97	e108
24	e130	e144	e200	117	125	e2750	e1200	1730	e1810	119	101	e110
25	e118	e93	e180	112	127	e2220	e1450	1260	e1900	109	105	e113
26	e156	e85	e140	109	117	e1820	e1130	1040	e2300	109	96	e107
27	e123	e108	e160	120	117	e1800	e910	847	e2100	111	108	e98
28	e133	e150	e122	122	152	2130	e800	663	e1710	111	99	e109
29	e127	e160	e111	108	159	2420	e695	794	e1780	112	98	e106
30	e157	e144	e130	128	---	2900	e620	768	e1890	104	98	e103
31	e138	---	e114	141	---	3310	---	567	---	120	96	---
TOTAL	3931	3965	5562	3693	3610	28805	78400	68323	27266	9685	3222	3162
MEAN	127	132	179	119	124	929	2613	2204	909	312	104	105
MAX	160	178	394	141	159	3310	6430	6050	2300	1780	118	113
MIN	85	85	105	103	111	132	620	560	350	104	94	98
AC-FT	7800	7860	11030	7330	7160	57130	155500	135500	54080	19210	6390	6270
CAL YR 1999	TOTAL 470593			MEAN 1289		MAX 13500		MIN 67		AC-FT 933400		
WTR YR 2000	TOTAL 239624			MEAN 655		MAX 6430		MIN 85		AC-FT 475300		

e Estimated

RED RIVER BASIN

07351750 BAYOU PIERRE NEAR LAKE END, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.77	5.28	5.09	5.15	5.04	5.35	14.03	6.42	8.59	---	5.12	5.15
2	5.00	4.88	5.27	5.51	4.99	5.47	14.23	7.14	8.14	---	5.30	5.03
3	5.16	4.85	5.47	5.55	5.13	5.69	---	10.10	7.90	---	5.32	---
4	5.05	4.82	5.29	4.95	5.01	5.65	---	11.46	7.70	---	5.03	---
5	5.08	4.89	5.33	4.95	4.96	5.63	21.38	16.87	7.72	---	5.09	---
6	5.21	5.14	5.07	5.37	5.14	5.94	21.01	19.70	7.81	---	5.19	---
7	4.90	5.15	4.99	---	5.21	5.75	19.58	20.70	7.80	8.07	4.98	---
8	4.97	5.01	4.97	---	5.12	5.84	16.92	20.55	7.84	8.04	5.17	---
9	5.31	5.14	5.10	---	5.04	5.65	14.25	19.37	---	7.30	5.00	---
10	5.14	5.37	5.03	---	5.30	5.76	12.30	17.33	---	7.01	5.21	---
11	5.32	5.15	5.12	---	5.25	5.81	10.73	15.59	---	6.63	5.15	---
12	5.26	4.93	5.31	---	5.22	5.55	12.13	14.32	---	6.41	4.99	---
13	5.01	5.15	5.32	---	5.12	5.43	15.45	13.06	---	6.67	5.20	---
14	5.10	4.92	5.51	---	5.13	5.59	17.54	11.96	---	6.34	5.20	---
15	4.89	4.96	5.38	---	5.05	5.58	17.66	11.13	---	6.13	4.93	---
16	5.01	5.06	5.65	---	5.24	5.93	15.96	10.22	---	6.34	5.06	---
17	5.15	4.83	5.99	---	5.09	6.56	13.73	9.61	---	6.22	5.15	---
18	5.04	4.77	6.74	---	5.17	6.76	11.73	8.98	---	6.14	5.02	---
19	4.92	4.95	6.43	4.96	4.78	---	10.64	8.31	---	6.00	4.99	---
20	4.95	4.99	6.03	5.02	5.09	---	10.14	9.32	---	6.14	4.95	---
21	4.84	5.16	5.72	5.04	4.92	---	9.57	11.59	---	5.71	5.12	---
22	4.87	5.03	5.47	4.92	5.10	---	8.72	12.37	---	5.53	5.02	---
23	4.88	5.18	5.71	5.09	5.09	---	8.13	12.12	---	5.23	4.87	---
24	4.99	5.15	5.71	5.05	5.16	---	9.26	11.56	---	5.19	5.16	---
25	4.92	4.60	5.51	4.87	5.14	---	9.73	11.16	---	5.11	5.00	---
26	5.18	4.60	5.21	4.81	5.15	---	8.77	10.74	---	5.15	4.98	---
27	4.97	4.85	5.40	5.16	5.08	---	7.74	10.12	---	5.15	5.07	---
28	5.02	5.12	5.17	5.03	5.12	11.37	7.08	9.78	---	5.25	4.93	---
29	5.13	5.16	5.01	4.89	5.13	12.15	6.76	9.79	---	5.19	5.07	---
30	5.50	5.05	5.47	5.13	---	13.36	6.56	8.99	---	5.33	5.05	---
31	5.14	---	5.12	5.07	---	14.34	---	8.80	---	5.22	5.03	---
MAX	5.50	5.37	6.74	---	5.30	---	---	20.70	---	---	5.32	---
MIN	4.77	4.60	4.97	---	4.78	---	---	6.42	---	---	4.87	---

07351930 RED RIVER AT GRAND ECORE, LA

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

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

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

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPECIFIC CONDUCTANCE	PH WATER WHOLE FIELD	TEMPERATURE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY	OXYGEN, DIS-SOLVED	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY	TOTAL COLIFORM, M ENDO	COLIFORM, FECAL, 0.7	FECAL STREP, KF STRP, MF, WATER
		(US/CM) (00095)	(STANDARD UNITS) (00400)	(DEG C) (00010)	(UNITS) (00080)	(NTU) (00076)	(MG/L) (00300)	(MG/L) (00340)	(MG/L) (00310)	(COL/100 ML) (31501)	(COLS./100 ML) (31625)	(COL/100 ML) (31673)
OCT 21...	1300	1080	8.1	22.9	--	2.5	8.3	20	3.4	K20	K21	K2
NOV 17...	1330	974	8.2	19.3	30	3.2	8.5	32	2.6	K60	<1	33
DEC 15...	1405	--	7.8	13.6	30	4.9	9.9	24	2.8	48	--	K36
JAN 26...	1315	940	7.9	12.8	--	8.0	10.2	22	--	K40	K3	84
FEB 24...	1320	760	8.1	17.2	30	9.1	10.4	22	2.3	K40	K14	K13
MAR 29...	1400	331	7.3	20.4	100	41	9.2	27	3.5	180	33	47
MAY 03...	1510	396	7.4	22.8	50	37	6.9	28	2.1	2600	450	--
31...	1600	260	8.1	28.3	50	24	7.1	32	.0	K160	K4	20
JUL 05...	1520	212	7.9	28.9	80	34	5.8	25	--	K160	K26	K12
27...	1035	540	7.5	30.7	20	3.4	6.4	--	1.1	K16	K50	K43
AUG 30...	1235	1620	8.4	32.5	10	2.4	9.7	22	4.8	K100	K2	K2
SEP 20...	1225	1270	7.7	27.2	10	2.3	6.7	22	1.6	K33	K8	K4
DATE	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)
OCT 21...	270	68.0	24.0	110	4.9	162	--	150	140	.2	642	594
NOV 17...	270	70.0	22.0	99.0	5.2	193	--	130	110	.2	585	552
DEC 15...	310	78.0	27.0	120	5.6	205	--	170	150	.3	728	674
JAN 26...	230	61.0	20.0	110	4.8	146	--	140	120	.2	564	544
FEB 24...	180	49.0	15.0	79.0	3.5	101	--	110	98.0	.2	436	415
MAR 29...	81	23.0	5.60	29.0	3.8	73	--	37.0	31.0	.1	203	173
MAY 03...	100	27.0	8.00	34.0	3.5	69	69	50.0	43.0	.1	224	207
31...	67	19.0	4.80	21.0	3.0	47	--	31.0	28.0	.1	158	135
JUL 05...	59	18.0	3.50	14.0	2.9	45	28	19.0	17.0	<.1	129	92
27...	140	38.0	10.0	50.0	4.2	83	84	73.0	67.0	.2	320	293
AUG 30...	360	93.0	32.0	190	6.2	130	141	280	280	.3	1020	966
SEP 20...	270	70.0	24.0	140	5.0	119	115	190	200	.2	760	698

RED RIVER BASIN

07351930 RED RIVER AT GRAND ECORE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)	NITRO- GEN, NITRITE (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 (MG/L AS N) (00630)	NITRO- GEN, AMMONIA (MG/L AS N) (00610)	NITRO- GEN, AM- MONIA + ORGANIC (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
OCT 21...	<1	<.01	.1	.08	.66	.080	.030	8.4	2	<1	<1.0	4
NOV 17...	8	<.01	<.1	.06	1.0	.070	.020	17	--	--	--	--
DEC 15...	10	<.01	.2	.12	.53	.060	E.050	9.4	--	--	--	--
JAN 26...	10	<.01	.2	.16	.51	.020	.010	7.3	1	<1	<1.0	<1
FEB 24...	11	<.01	.1	.03	.63	.080	E.040	7.5	--	--	--	--
MAR 29...	36	E.01	.2	.12	.90	.140	E.100	13	--	--	--	--
MAY 03...	34	<.01	E.2	.16	.92	.140	E.090	8.8	2	<1	<1.0	2
31...	30	<.01	M	.03	.73	.100	E.050	10	--	--	--	--
JUL 05...	30	<.01	.2	.06	.59	.130	.080	12	--	--	--	--
27...	6	E.01	.1	.05	.57	.100	E.080	9.4	3	<1	<1.0	2
AUG 30...	6	<.01	<.1	.02	.85	.100	E.020	8.3	--	--	--	--
SEP 20...	7	E.01	.1	.05	.72	.080	E.050	8.9	--	--	--	--

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)	PHENOLS TOTAL (UG/L) (32730)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L) (00556)
OCT 21...	2	80	<1	69	<.1	<1	<1	4	<.01	<4	<1
NOV 17...	--	--	--	--	--	--	--	--	--	--	--
DEC 15...	--	--	--	--	--	--	--	--	--	--	--
JAN 26...	1	260	<1	59	<.1	2	<1	3	<.01	<1	<1
FEB 24...	--	--	--	--	--	--	--	--	--	--	--
MAR 29...	--	--	--	--	--	--	--	--	--	--	--
MAY 03...	2	1600	1	110	<.1	3	<1	28	<.01	<4	<1
31...	--	--	--	--	--	--	--	--	--	--	--
JUL 05...	--	--	--	--	--	--	--	--	--	--	--
27...	2	180	<1	70	<.1	1	<1	4	<.01	7	E4
AUG 30...	--	--	--	--	--	--	--	--	--	--	--
SEP 20...	--	--	--	--	--	--	--	--	--	--	--

E Estimated value.

< 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).

M Presence of material verified but not quantified.

07352000 SALINE BAYOU NEAR LUCKY, LA

LOCATION.--Lat 30°15'00", long 92°58'35", in SW $\frac{1}{4}$ sec.27, T.15 N., R.6 W., Bienville Parish, Hydrologic Unit 11140208, near center of span on downstream side of bridge on State Highway 4, 0.7 mi downstream from Sixmile Creek, and 1.0 mi east of Lucky.

DRAINAGE AREA.--154 mi².

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

REVISED RECORDS.--WSP 1177: Drainage area.

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

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

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 5	0200	*1,680	*7.75	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	17	21	21	32	32	450	55	67	24	10	e1.8
2	24	17	20	22	29	21	745	61	52	23	9.5	2.1
3	16	16	22	22	27	18	1350	87	45	23	7.9	2.3
4	13	16	27	22	25	15	1490	120	46	22	6.4	2.1
5	11	15	44	21	23	14	1550	272	104	22	5.5	2.0
6	10	15	43	21	22	14	1030	422	152	26	5.0	1.4
7	10	17	36	21	22	13	718	416	148	23	4.5	2.3
8	13	18	27	24	22	13	468	396	108	20	4.3	3.8
9	22	20	25	32	22	13	244	285	68	24	4.4	5.4
10	25	22	31	33	23	13	149	192	54	31	4.3	6.7
11	22	23	32	30	23	38	129	144	58	29	3.9	8.5
12	18	24	34	27	22	48	137	140	50	21	3.9	9.6
13	16	26	45	27	22	31	188	155	43	17	3.3	15
14	14	27	42	24	23	20	235	115	39	14	2.9	19
15	13	29	34	23	23	37	268	94	39	13	2.6	15
16	13	29	28	22	22	102	235	88	35	12	2.1	10
17	13	28	24	21	21	98	164	72	35	11	2.2	9.6
18	13	28	42	21	21	84	117	61	40	10	3.3	11
19	15	29	55	21	21	213	93	68	102	10	3.0	11
20	18	35	45	21	20	261	79	164	76	9.6	3.1	12
21	18	38	36	20	19	227	68	269	58	9.0	2.7	14
22	17	37	31	20	18	214	61	317	73	8.7	2.8	15
23	16	34	26	20	18	142	65	329	66	8.4	4.4	16
24	15	34	23	19	16	77	299	279	47	8.4	6.1	16
25	14	36	21	19	16	68	289	142	38	8.3	4.9	19
26	14	36	21	19	21	63	148	83	32	e8.0	3.8	21
27	13	32	21	21	51	81	98	65	28	7.7	3.4	20
28	13	28	20	35	50	106	80	66	28	7.4	2.9	e11
29	12	25	21	39	43	167	67	77	30	7.0	2.4	7.2
30	12	23	21	36	---	390	59	113	26	9.2	2.0	6.1
31	14	---	21	33	---	444	---	102	---	12	e1.8	---
TOTAL	496	774	939	757	717	3077	11073	5249	1787	478.7	129.3	295.9
MEAN	16.0	25.8	30.3	24.4	24.7	99.3	369	169	59.6	15.4	4.17	9.86
MAX	39	38	55	39	51	444	1550	422	152	31	10	21
MIN	10	15	20	19	16	13	59	55	26	7.0	1.8	1.4
AC-FT	984	1540	1860	1500	1420	6100	21960	10410	3540	950	256	587
CFSM	.10	.17	.20	.16	.16	.64	2.40	1.10	.39	.10	.03	.06
IN.	.12	.19	.23	.18	.17	.74	2.67	1.27	.43	.12	.03	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2000, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
43.8	118	207	326	336	298
310	713	971	1154	925	767
1946	1958	1983	1999	1983	1997
5.73	11.9	25.0	24.4	24.7	42.4
1968	1944	1944	2000	2000	1996
266	250	114	62.8	31.7	40.4
999	1122	652	1010	177	280
1991	1953	1959	1989	1955	1958
27.3	14.3	12.0	5.60	4.17	4.45
1978	1988	1985	1966	2000	1982

RED RIVER BASIN

07352000 SALINE BAYOU NEAR LUCKY, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1941 - 2000	
ANNUAL TOTAL	73612.4		25772.9		174	
ANNUAL MEAN	202		70.4		371	
HIGHEST ANNUAL MEAN					34.7	
LOWEST ANNUAL MEAN					1963	
HIGHEST DAILY MEAN	8590	Jan 30	1550	Apr 5	11100	Jan 1 1945
LOWEST DAILY MEAN	6.9	Aug 22	1.4	Sep 6	1.4	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	7.2	Aug 20	1.9	Aug 31	1.9	Aug 31 2000
INSTANTANEOUS PEAK FLOW			1680	Apr 5	a13500	Jan 1 1945
INSTANTANEOUS PEAK STAGE			7.75	Apr 5	12.90	Jan 1 1945
INSTANTANEOUS LOW FLOW			1.4	Sep 6	4.4	Sep 10 1998
INSTANTANEOUS LOW STAGE			c2.37	Jul 21	b1.66	Aug 7 1964
ANNUAL RUNOFF (AC-FT)	146000		51120		125900	
ANNUAL RUNOFF (CFSM)	1.31		.46		1.13	
ANNUAL RUNOFF (INCHES)	17.78		6.23		15.33	
10 PERCENT EXCEEDS	355		150		430	
50 PERCENT EXCEEDS	32		23		60	
90 PERCENT EXCEEDS	9.2		6.1		11	

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 Jul 22, 2000

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.41	2.92	4.06	4.19	4.40	4.39	6.36	3.86	4.12	2.98	2.66	2.74
2	2.96	2.96	4.05	4.20	4.35	4.17	6.85	3.98	3.78	2.94	2.64	2.76
3	2.68	2.96	4.16	4.21	4.30	4.06	7.51	4.47	3.61	2.93	2.60	2.77
4	2.54	2.97	4.28	4.22	4.26	3.98	7.61	4.84	3.62	2.89	2.56	2.75
5	2.49	2.98	4.60	4.19	4.23	3.93	7.66	5.78	4.59	2.89	2.54	2.75
6	2.44	3.03	4.59	4.17	4.20	3.91	7.23	6.29	5.16	3.04	2.53	2.71
7	2.44	3.10	4.46	4.17	4.20	3.89	6.85	6.28	5.12	2.92	2.53	2.77
8	2.54	3.20	4.31	4.25	4.21	3.89	6.39	6.22	4.73	2.81	2.54	2.86
9	2.89	3.29	4.26	4.39	4.22	3.87	5.68	5.86	4.14	2.98	2.57	2.94
10	3.00	3.39	4.37	4.41	4.22	3.88	5.12	5.41	3.83	3.18	2.58	3.00
11	2.91	3.47	4.39	4.35	4.23	4.48	4.95	5.08	3.92	3.11	2.59	3.06
12	2.77	3.54	4.44	4.31	4.21	4.67	5.02	5.04	3.73	2.86	2.61	3.09
13	2.66	3.62	4.62	4.30	4.20	4.37	5.39	5.17	3.56	2.70	2.59	3.24
14	2.61	3.70	4.58	4.25	4.23	4.13	5.65	4.82	3.44	2.61	2.59	3.32
15	2.58	3.77	4.43	4.22	4.22	4.41	5.81	4.57	3.42	2.55	2.60	3.23
16	2.56	3.83	4.31	4.20	4.20	5.23	5.65	4.49	3.31	2.50	2.58	3.11
17	2.56	3.83	4.26	4.19	4.18	5.20	5.23	4.21	3.30	2.46	2.62	3.09
18	2.56	3.86	4.55	4.18	4.17	5.08	4.84	3.99	3.44	2.44	2.70	3.12
19	2.64	3.93	4.77	4.18	4.16	5.73	4.55	4.12	4.65	2.42	2.70	3.14
20	2.74	4.14	4.62	4.16	4.14	5.87	4.33	5.19	4.27	2.40	2.73	3.16
21	2.75	4.24	4.46	4.14	4.09	5.78	4.14	5.81	3.93	2.38	2.73	3.21
22	2.72	4.24	4.37	4.12	4.07	5.74	4.00	5.99	4.24	2.38	2.76	3.24
23	2.68	4.20	4.29	4.12	4.07	5.45	4.04	6.03	4.08	2.39	2.86	3.26
24	2.65	4.23	4.24	4.12	4.00	5.02	5.88	5.84	3.66	2.41	2.97	3.26
25	2.62	4.29	4.19	4.12	4.00	4.91	5.87	5.04	3.39	2.43	2.91	3.32
26	2.62	4.31	4.16	4.12	4.15	4.85	5.11	4.40	3.20	---	2.85	3.37
27	2.62	4.24	4.16	4.17	4.71	5.05	4.61	4.07	3.08	2.45	2.83	3.35
28	2.63	4.17	4.16	4.45	4.69	5.26	4.36	4.09	3.08	2.45	2.81	---
29	2.64	4.12	4.17	4.52	4.59	5.53	4.11	4.30	3.16	2.46	2.78	3.02
30	2.67	4.08	4.17	4.46	---	6.21	3.95	4.79	3.04	2.57	2.75	2.97
31	2.78	---	4.18	4.40	---	6.35	---	4.66	---	2.69	2.74	---
MAX	3.41	4.31	4.77	4.52	4.71	6.35	7.66	6.29	5.16	3.18	2.97	3.37
MIN	2.44	2.92	4.05	4.12	4.00	3.87	3.95	3.86	3.04	2.38	2.53	2.71

07352895 BLACK LAKE BAYOU NEAR CLARENCE, LA

LOCATION.--Lat 31°52'24", long 92°58'00", in NW 1/4 SE 1/4 sec.3, T.10 N., R.6 W., Natchitoches Parish, Hydrologic Unit 11140209, on downstream side of bridge on State Highway 1226, 1.8 mi northeast of Chivery Dam, 2.8 mi upstream from Allen Dam, and 5.0 mi northeast of Clarence.

DRAINAGE AREA.--908 mi² (see REMARKS).

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

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

REMARKS.--Drainage area does not include 412 mi² of Saline Lake. Flows are interchangeable between Black and Saline Lakes, combined usable capacity, 161,000 acre-ft. Considerable regulation by Chivery Dam. Lakes are used for recreation. Lowest recordable stage 1.20 ft; prior to July 5, 1994, 3.62 ft.

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.64 ft, Apr. 6; minimum gage height, 4.65 ft, Sep. 30.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.21	8.17	8.15	8.94	9.13	9.19	9.98	9.85	9.75	9.40	5.99	4.78
2	8.21	8.19	8.13	8.95	9.14	9.17	10.25	9.85	9.71	9.38	5.85	4.79
3	8.21	8.14	8.15	8.98	9.15	9.22	10.85	9.93	9.67	9.34	5.70	4.77
4	8.22	8.12	8.19	9.03	9.17	9.18	11.29	10.15	9.63	9.31	5.55	4.80
5	8.20	8.12	8.33	8.97	9.15	9.16	11.53	10.44	9.69	9.29	5.42	4.79
6	8.19	8.12	8.30	8.97	9.15	9.16	11.62	10.59	9.65	9.28	5.30	4.74
7	8.18	8.12	8.29	8.98	9.16	9.15	11.54	10.71	9.60	9.26	5.18	4.76
8	8.22	8.12	8.30	9.01	9.16	9.16	11.47	10.78	9.56	9.25	5.09	4.77
9	8.27	8.11	8.33	9.02	9.16	9.16	11.40	10.79	9.54	9.24	5.02	4.76
10	8.27	8.11	8.38	9.03	9.15	9.19	11.31	11.01	9.53	9.22	4.96	4.80
11	8.26	8.11	8.37	9.03	9.16	9.32	11.15	11.17	9.51	9.20	4.93	4.81
12	8.26	8.11	8.43	9.05	9.17	9.24	11.06	11.17	9.49	9.17	4.87	4.81
13	8.25	8.10	8.50	9.07	9.18	9.23	10.97	11.10	9.47	9.15	4.82	4.84
14	8.25	8.10	8.50	9.07	9.22	9.23	10.83	10.95	9.45	9.14	4.85	4.89
15	8.24	8.10	8.54	9.07	9.19	9.30	10.70	10.78	9.45	9.13	4.80	4.87
16	8.23	8.08	8.53	9.08	9.20	9.39	10.57	10.62	9.43	9.11	4.78	4.80
17	8.23	8.08	8.55	9.10	9.18	9.37	10.46	10.45	9.44	9.04	4.80	4.77
18	8.21	8.06	8.69	9.10	9.19	9.39	10.30	10.31	9.46	8.85	4.75	4.78
19	8.22	8.06	8.73	9.11	9.18	9.62	10.14	10.21	9.42	8.63	4.71	4.80
20	8.21	8.11	8.76	9.11	9.16	9.63	10.05	10.16	9.41	8.38	4.69	4.83
21	8.19	8.09	8.81	9.08	9.14	9.64	10.00	10.11	9.40	8.12	4.73	4.82
22	8.19	8.09	8.82	9.07	9.13	9.71	9.91	10.08	9.38	7.88	4.77	4.76
23	8.19	8.12	8.84	9.09	9.12	9.71	9.85	10.05	9.36	7.64	4.71	4.78
24	8.17	8.14	8.86	9.09	9.12	9.71	10.08	10.01	9.35	7.41	4.73	4.79
25	8.15	8.16	8.87	9.09	9.11	9.71	10.10	9.96	9.35	7.18	4.76	4.79
26	8.14	8.14	8.89	9.07	9.17	9.72	10.09	9.90	9.36	6.97	4.73	4.79
27	8.14	8.14	8.90	9.07	9.20	9.78	10.04	9.87	9.38	6.77	4.74	4.79
28	8.14	8.14	8.92	9.14	9.18	9.78	10.01	9.85	9.42	6.58	4.72	4.78
29	8.13	8.16	8.92	9.14	9.17	9.81	9.96	9.83	9.45	6.40	4.72	4.67
30	8.14	8.16	8.93	9.13	---	9.91	9.90	9.82	9.42	6.28	4.77	4.65
31	8.16	---	8.94	9.12	---	9.93	---	9.78	---	6.15	4.76	---
MAX	8.27	8.19	8.94	9.14	9.22	9.93	11.62	11.17	9.75	9.40	5.99	4.89
MIN	8.13	8.06	8.13	8.94	9.11	9.15	9.85	9.78	9.35	6.15	4.69	4.65

07353520 NANTACHIE LAKE NEAR ALOHA, LA

LOCATION.--Lat 31°37'00", long 92°47'04", in SE 1/4 NW 1/4 sec.4, T.7 N., R.4 W., Grant Parish, Hydrologic Unit 11140207, at dam 2.0 mi upstream from mouth, and 2.5 mi northwest of Aloha.

DRAINAGE AREA.--80.4 mi².

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

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

REMARKS.--No gage heights recorded below 2.14 ft. Reservoir is formed on Nantachie Creek by earthfill dam, completed in 1964. Storage began Oct. 19, 1964. The dam contains a 150-ft concrete spillway. The crest of the spillway is 3.05 ft gage height. Drawdown structure consists of one 5- by 5-ft metal sluice gate that can be varied from -16.78 to -11.78 ft gage height. Area of lake is 1,580 acres, usable capacity, 11,200 acre-ft at 3.05 ft gage height. 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, 4.93 ft, Apr. 4; minimum gage height, not determined.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	2.29	2.36	2.44	3.14	3.20	3.00	3.20	2.70	2.25
2	---	---	---	2.29	2.37	2.44	3.36	3.21	2.99	3.25	2.70	2.23
3	---	---	---	2.31	2.37	2.45	4.22	3.35	2.99	3.22	2.68	2.21
4	---	---	---	2.33	2.38	2.44	4.88	3.63	3.04	3.17	2.66	2.19
5	---	---	---	2.32	2.37	2.42	4.54	3.90	3.10	3.13	2.65	2.17
6	---	---	---	2.31	2.36	2.41	4.12	3.99	3.10	3.10	2.63	---
7	---	---	---	2.31	2.36	2.41	3.81	3.89	3.07	3.07	2.61	---
8	---	---	---	2.32	2.37	2.40	3.60	3.70	3.05	3.05	2.59	---
9	---	---	---	2.32	2.37	2.41	3.46	3.52	3.03	3.02	2.62	---
10	---	---	---	2.32	2.37	2.42	3.37	3.40	3.04	3.00	2.61	---
11	---	---	---	2.32	2.38	2.58	3.33	3.32	3.05	2.99	2.61	---
12	---	---	---	2.32	2.39	2.59	3.32	3.27	3.03	2.97	2.59	---
13	---	---	---	2.34	2.39	2.60	3.34	3.27	3.01	2.95	2.57	---
14	---	---	---	2.33	2.41	2.61	3.36	3.24	3.00	2.93	2.54	---
15	---	---	---	2.32	2.41	2.66	3.35	3.20	3.00	2.91	2.52	---
16	---	---	---	2.31	2.41	2.74	3.33	3.18	2.99	2.89	2.51	---
17	---	---	---	2.32	2.42	2.78	3.30	3.15	2.99	2.87	2.51	---
18	---	---	---	2.32	2.41	2.80	3.27	3.13	3.00	2.85	2.49	---
19	---	---	2.15	2.33	2.43	2.97	3.24	3.13	3.00	2.83	2.47	---
20	---	---	2.19	2.34	2.41	3.09	3.22	3.22	3.02	2.80	2.45	---
21	---	---	2.27	2.32	2.40	3.14	3.20	3.25	3.02	2.78	2.44	---
22	---	---	2.27	2.31	2.40	3.20	3.17	3.21	3.02	2.76	2.42	---
23	---	---	2.28	2.31	2.38	3.22	3.15	3.17	3.00	2.73	2.39	---
24	---	---	2.28	2.32	2.39	3.22	3.28	3.13	2.99	2.71	2.37	---
25	---	---	2.29	2.31	2.38	3.20	3.42	3.11	2.97	2.68	2.36	---
26	---	---	2.29	2.30	2.41	3.19	3.43	3.09	2.95	2.65	2.34	---
27	---	---	2.29	2.30	2.44	3.20	3.37	3.06	2.94	2.62	2.31	---
28	---	---	2.29	2.35	2.45	3.18	3.33	3.07	2.98	2.60	2.30	---
29	---	---	2.29	2.36	2.44	3.16	3.28	3.06	3.24	2.58	2.28	---
30	---	---	2.28	2.36	---	3.18	3.23	3.04	3.19	2.62	2.26	---
31	---	---	2.29	2.36	---	3.16	---	3.02	---	2.71	2.24	---
MAX	---	---	---	2.36	2.45	3.22	4.88	3.99	3.24	3.25	2.70	---
MIN	---	---	---	2.29	2.36	2.40	3.14	3.02	2.94	2.58	2.24	---

07354100 KISATCHIE BAYOU AT LOTUS, LA

LOCATION.--Lat 30°29'04", long 93°08'19", NW 1/4 SE 1/4 sec.24, T.6 N., R.8 W., Natchitoches Parish, Hydrologic Unit 11140207, at right bank on downstream side of bridge on unnumbered parish road, 0.5 mi west of Lotus, 1.2 mi downstream from Sheard Branch, and 4.8 mi southeast of Bellwood.

DRAINAGE AREA.--140 mi².

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,250 ft³/s, Apr. 3, gage height, 16.52 ft; minimum gage height unknown.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	4.73	5.42	4.84	4.76	9.36	4.25	4.05
2	---	---	---	---	---	4.65	10.24	5.10	---	7.10	4.58	4.04
3	---	---	---	---	---	4.61	15.11	9.95	---	7.57	4.90	4.03
4	---	---	---	---	---	4.58	13.09	10.18	---	6.56	4.56	4.02
5	---	---	---	---	---	4.54	8.59	12.39	---	5.50	4.41	4.02
6	---	---	---	---	---	4.52	7.40	8.15	4.97	5.16	4.28	4.01
7	---	---	---	---	---	4.52	6.83	6.78	4.98	4.94	4.23	4.01
8	---	---	---	---	---	4.52	6.43	6.14	4.80	4.80	4.21	4.02
9	---	---	---	---	4.58	4.52	6.08	5.76	---	---	4.20	4.05
10	---	---	---	---	4.58	4.60	5.89	5.52	---	---	4.18	4.07
11	---	---	---	---	4.57	6.49	5.78	5.37	---	---	4.18	4.13
12	---	---	---	---	4.58	6.84	5.74	5.25	---	---	4.18	4.21
13	---	---	---	---	4.58	5.67	6.14	5.38	---	---	4.20	4.21
14	---	---	---	---	4.59	5.21	6.12	5.69	---	---	4.17	4.23
15	---	---	---	---	4.59	5.22	5.88	5.30	---	---	4.14	4.27
16	---	---	---	---	4.60	6.72	5.71	5.15	---	---	4.13	4.20
17	---	---	---	---	4.60	6.28	5.56	5.04	---	---	4.12	4.14
18	---	---	---	---	4.59	5.58	5.43	4.95	---	---	4.11	4.11
19	---	---	6.66	---	4.57	9.06	5.32	4.88	4.97	---	4.10	4.09
20	---	---	5.56	---	4.53	8.46	5.23	7.09	5.48	4.29	4.09	4.08
21	---	---	5.69	---	4.52	6.57	5.15	7.57	5.08	4.27	4.09	4.09
22	---	---	5.77	---	4.51	7.89	5.07	6.09	4.98	4.26	4.08	4.09
23	---	---	---	---	4.51	7.17	5.02	5.46	---	4.25	4.16	4.19
24	---	---	---	---	4.52	6.15	5.04	5.20	---	4.23	4.16	4.32
25	---	---	---	---	4.52	5.72	5.12	5.04	---	4.21	4.13	4.27
26	---	---	---	---	4.58	5.71	5.01	4.92	---	4.20	4.11	4.18
27	---	---	---	---	4.68	7.88	4.95	---	---	4.19	4.09	4.14
28	---	---	---	---	4.89	7.50	4.92	---	---	4.18	4.07	4.10
29	---	---	---	---	4.85	6.25	4.90	---	5.54	4.18	4.06	4.08
30	---	---	---	---	---	5.81	4.86	---	5.44	4.21	4.05	4.06
31	---	---	---	---	---	5.58	---	---	---	4.26	4.05	---
MAX	---	---	---	---	---	9.06	15.11	---	---	---	4.90	4.32
MIN	---	---	---	---	---	4.52	4.86	---	---	---	4.05	4.01

RED RIVER BASIN

07355500 RED RIVER AT ALEXANDRIA, LA

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

DRAINAGE AREA.--67,500 mi², of which 5,936 mi² above Denison Dam is noncontributing.

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1952 to September 1963, June 1973 to September 1981.

WATER TEMPERATURES: October 1952 to September 1963, June 1973 to September 1984.

CHLORIDE: October 1974 to September 1984.

SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1982.

REMARKS.--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 TEMPERATURES: Maximum daily, 34.0 oC Aug. 2, 8, 10, 1956; minimum daily, 0.0 oC Dec. 24, 25, 1983.

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

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	TOTAL COLI- FORM, M ENDO MF, WTR (COL/ 100 ML) (31501)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	
OCT 21...	1500	1230	7.9	23.0	--	1.8	6.2	10	2.0	K60	K11	<1	
NOV 17...	1515	1080	7.9	21.0	10	1.2	7.3	15	.3	K10	K12	K3	
DEC 15...	1625	1000	7.9	14.5	20	3.6	10.1	21	2.7	3000	87	26	
JAN 26...	1530	590	7.6	12.6	--	6.9	8.8	45	--	420	K8	K60	
FEB 24...	1050	880	7.8	17.9	30	5.1	9.6	21	1.8	K310	48	K5	
MAR 29...	1110	324	7.0	19.7	60	30	8.9	21	3.0	120	--	61	
MAY 03...	1205	470	7.6	21.5	50	18	6.3	22	.9	1700	480	--	
31...	0935	309	7.9	28.0	50	22	6.1	23	--	150	K1	K4	
JUL 05...	1040	241	7.6	28.7	70	32	5.7	24	--	K170	K32	K12	
27...	1700	476	7.4	31.8	20	3.2	6.0	24	.9	K100	K23	K20	
AUG 30...	0930	949	8.1	29.6	10	3.0	6.6	18	2.0	K32	K10	K16	
SEP 20...	1440	1460	8.1	28.3	10	1.8	8.6	19	2.4	120	K10	K3	
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)
OCT 21...	290	72.0	27.0	130	5.0	148	--	190	180	.2	744	700	
NOV 17...	270	68.0	24.0	120	4.9	161	--	160	150	.2	646	624	
DEC 15...	260	68.0	23.0	97.0	5.3	200	--	130	110	.2	583	553	
JAN 26...	140	39.0	11.0	58.0	3.5	91	--	81.0	72.0	.2	336	319	
FEB 24...	220	57.0	18.0	93.0	3.8	138	--	130	120	.2	517	505	
MAR 29...	76	21.0	5.70	29.0	3.2	285	--	39.0	34.0	.1	191	170	
MAY 03...	110	31.0	8.80	42.0	3.5	60	57	68.0	58.0	.1	265	246	
31...	74	21.0	5.30	24.0	2.9	47	--	38.0	33.0	.1	176	152	
JUL 05...	66	20.0	4.00	16.0	2.9	56	62	23.0	19.0	.1	141	122	
27...	120	33.0	8.20	38.0	4.0	77	76	58.0	52.0	.1	270	239	
AUG 30...	220	58.0	19.0	100	4.5	106	53	150	140	.2	565	503	
SEP 20...	320	83.0	28.0	160	5.6	135	131	230	230	.2	874	816	

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

[illegible]

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

[illegible][illegible]

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	MALA- THION, TOTAL (UG/L) (39530)	PARA- THION, TOTAL (UG/L) (39540)	DI- AZINON, TOTAL (UG/L) (39570)	METHYL PARA- THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	MIREX, TOTAL (UG/L) (39755)	SILVEX, TOTAL (UG/L) (39760)	CARBO- PHENO- THION WATER UNFLTRD (UG/L) (39786)	2,4-DP TOTAL (UG/L) (82183)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (UG/L) (82614)
OCT 21...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
NOV 17...	--	--	--	--	--	--	--	--	--	--	--
DEC 15...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
JAN 26...	--	--	--	--	--	--	--	--	--	--	--
FEB 24...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
MAR 29...	--	--	--	--	--	--	--	--	--	--	--
MAY 03...	<.03	<.01	<.02	<.01	.06	<.03	<.01	<.03	<.01	<.04	<.01
31...	--	--	--	--	--	--	--	--	--	--	--
JUL 05...	<.03	<.01	<.02	<.01	E.04	<.03	<.01	<.03	<.01	<.04	<.01
27...	--	--	--	--	--	--	--	--	--	--	--
AUG 30...	<.03	<.01	<.02	<.01	<.05	<.03	<.01	<.03	<.01	<.04	<.01
SEP 20...	--	--	--	--	--	--	--	--	--	--	--

E Estimated value.

< 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).

M Presence of material verified but not quantified.

07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE

LOCATION.--Lat 30°01'52", long 92°05'16", in SE 1/4 NE 1/4 sec.25, T.19 S., R.10 W., Union County, Hydrologic Unit 08040202, on right bank 500 ft below lock and dam No. 6, 1.6 mi north of Arkansas-Louisiana State line, 3.5 mi downstream from Missouri Pacific Railroad Co. bridge, and 4.5 mi southeast of Felsenthal, Ark.

DRAINAGE AREA.--10,787 mi².

PERIOD OF RECORD.--April 1958 to current year (daily gage heights and daily discharges below 19.0 ft stage only). Gage-height record for some periods collected at same site since 1912 are contained in reports of Corps of Engineers, Vicksburg District.

REVISED RECORDS.--WDR LA-75-1: 1974.

GAGE.--Water-stage recorder. Datum of gage is 44.09 ft above sea level (levels by Corps of Engineers). Prior to Aug. 26, 1958, nonrecording gage at same site and datum. Water-stage recorder with telemetry for Ouachita River at Sterlington (station 07364535) used as auxiliary gage for this station. Prior to Oct. 1, 1980, water-stage recorder for Ouachita River at Alabama Landing near Haile (station 07364103) was used as auxiliary gage for this station.

REMARKS.--Records fair except for estimated discharge, which is poor. Discharge computed for stages below bankfull, about 19 ft. Considerable regulation by 5 reservoirs in Arkansas, combined capacity, 3,107,880 acre-ft and a series of navigation locks and dams. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 43.04 ft, May 14, 15, 1958 (discharge not determined); minimum daily discharge, 190 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, 22.58 ft, Apr 9; minimum daily discharge, 794 ft³/s, Nov. 2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1130	877	e850	1230	2210	7100	e16400	2490	14000	---	e2800	2430
2	1100	794	e860	1330	3500	4830	e17000	2370	12200	---	e2000	2240
3	1070	859	e910	1430	3040	4010	---	2160	10000	---	e4100	2480
4	965	867	e975	1330	2770	4000	---	2790	8040	---	e5000	1800
5	960	842	e1060	1270	1870	4380	---	5420	6990	---	e4600	1070
6	942	1080	e1050	1160	2060	3980	---	10300	6380	---	e4000	989
7	e970	1630	1030	2180	2650	3400	---	14300	7400	---	e3990	960
8	e970	1810	997	4100	3240	2970	---	---	7780	---	e2700	1300
9	1060	1590	1040	2190	2430	e2520	---	---	8020	14100	e2300	1590
10	998	1300	1010	2060	2640	e2670	---	---	7650	12200	e4600	1430
11	1510	1180	1040	2440	2620	e2980	---	---	6080	10200	e5500	1230
12	1160	1160	1020	1800	2740	3020	---	---	5390	7710	e5000	983
13	1120	1140	1120	2640	2520	2460	---	---	5920	6700	e3200	1170
14	1670	1100	1240	1560	2150	3160	---	---	4270	5180	e4000	1230
15	1360	1050	1180	1180	2180	3860	---	16200	3140	4570	e2000	1220
16	1140	1030	1210	1830	1690	4370	---	15100	3620	3770	e2400	1280
17	1030	988	1180	7880	1940	4660	---	12900	9090	3530	e3400	1360
18	1040	1000	1160	3870	1750	7880	---	11100	12400	3090	e3700	1550
19	1010	996	1190	2200	2350	12100	---	9820	14400	e5000	e3900	1160
20	1000	932	1150	1920	1540	13200	e15500	11300	16600	e8500	e4400	1160
21	985	962	1210	2500	1960	13900	e14000	14500	---	e6000	e3900	1220
22	914	968	1330	1790	1600	14700	11300	---	---	e4900	e1900	1260
23	834	969	1390	3430	1930	14400	9280	---	---	e5350	e1700	1140
24	861	885	1410	2320	1930	13400	8730	---	---	e6000	e2300	1070
25	902	903	1490	1610	1560	12500	7330	---	---	e2500	e3200	1370
26	887	952	1590	2940	2480	e11900	7500	---	---	e1800	e3000	1070
27	840	976	1540	2230	2970	e11700	6470	---	---	e3800	e1500	1300
28	808	921	1220	4170	3660	e12000	4340	---	---	e5500	e1290	1040
29	805	e880	1170	2030	6520	e13200	3570	16000	---	e4950	1220	1040
30	825	e885	1190	2970	---	e14300	3080	14800	---	e6550	1340	1030
31	844	---	1150	2610	---	e15400	---	14800	---	e5650	1890	---
TOTAL	31710	31526	35962	74200	72500	244950	---	---	---	---	96830	40172
MEAN	1023	1051	1160	2394	2500	7902	---	---	---	---	3124	1339
MAX	1670	1810	1590	7880	6520	15400	---	---	---	---	5500	2480
MIN	805	794	850	1160	1540	2460	---	---	---	---	1220	960

e Estimated

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

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.15	7.73	---	8.23	9.05	12.63	17.29	9.51	17.11	21.29	8.41	9.31
2	8.10	7.64	---	8.34	10.11	11.10	18.81	9.41	16.03	21.31	8.10	9.12
3	8.05	7.71	---	8.47	9.80	10.48	20.44	9.26	14.73	21.24	9.12	9.36
4	7.92	7.71	---	8.37	9.52	10.50	21.14	9.68	13.48	21.08	9.57	8.77
5	7.90	7.68	---	8.28	8.80	10.77	21.62	11.64	12.86	20.80	9.47	8.11
6	7.87	7.92	---	8.14	8.94	10.45	22.02	14.68	12.44	20.36	9.19	7.99
7	7.88	8.53	7.97	8.96	9.45	10.00	22.32	17.06	12.95	19.43	9.19	7.93
8	7.88	8.77	7.94	10.55	9.90	9.72	22.52	18.88	13.15	18.55	8.66	8.22
9	7.99	8.64	7.99	9.06	9.25	9.40	22.57	19.74	13.29	17.19	8.46	8.57
10	7.93	8.37	7.97	8.87	9.40	9.53	22.51	20.24	13.06	16.03	9.39	8.48
11	8.43	8.22	8.00	9.34	9.42	9.70	22.35	20.29	12.06	14.77	9.71	8.25
12	8.17	8.17	8.00	8.85	9.50	9.73	22.10	20.03	11.56	13.21	9.58	7.95
13	8.11	8.13	8.13	9.41	9.35	9.28	21.75	19.62	11.88	12.43	8.90	8.14
14	8.60	8.08	8.27	8.55	9.03	9.82	21.43	19.05	10.76	11.34	9.36	8.22
15	8.38	8.01	8.21	8.15	9.06	10.37	21.15	18.46	9.88	10.87	8.23	8.22
16	8.14	7.98	8.24	8.72	8.64	10.79	20.82	17.82	10.19	10.31	8.36	8.30
17	8.01	7.92	8.20	13.04	8.86	11.00	20.29	16.66	13.83	10.11	9.13	8.42
18	7.99	7.92	8.19	10.44	8.73	13.08	19.69	15.58	15.92	9.76	9.34	8.60
19	7.95	7.91	8.22	9.07	9.23	15.77	18.92	14.70	17.17	10.17	9.37	8.15
20	7.93	7.84	8.18	8.80	8.57	16.49	18.05	15.46	18.43	10.60	9.65	8.14
21	7.90	7.87	8.25	9.34	8.91	16.90	17.23	17.21	19.47	10.20	9.36	8.21
22	7.80	7.87	8.39	8.80	8.61	17.37	16.15	18.67	20.00	9.93	8.46	8.27
23	7.68	7.88	8.44	10.01	8.88	17.21	14.89	19.62	20.11	9.94	8.10	8.17
24	7.70	7.78	8.46	9.24	8.90	16.68	14.35	20.13	20.25	10.12	8.93	8.07
25	7.75	7.80	8.53	8.51	8.56	16.14	13.38	20.29	20.39	8.78	9.42	8.38
26	7.74	7.85	8.64	9.64	9.27	15.79	13.28	20.35	20.51	8.07	9.24	8.09
27	7.68	7.88	8.59	9.01	9.73	15.71	12.57	20.29	20.69	9.05	8.35	8.31
28	7.63	7.82	8.23	10.59	10.20	15.85	11.13	19.68	20.85	9.59	8.31	8.06
29	7.62	---	8.15	8.94	12.19	16.37	10.43	18.42	21.02	9.50	8.24	8.03
30	7.64	---	8.15	9.67	---	16.92	10.01	17.74	21.19	10.20	8.37	8.01
31	7.68	---	8.13	9.43	---	17.20	---	17.63	---	9.87	8.84	---
MAX	8.60	---	---	13.04	12.19	17.37	22.57	20.35	21.19	21.31	9.71	9.36
MIN	7.62	---	---	8.14	8.56	9.28	10.01	9.26	9.88	8.07	8.10	7.93

RED RIVER BASIN

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA

LOCATION.--Lat 32°59'25", long 91°39'20", in SE 1/4 SW 1/4 sec.9, T.23 N., R.8 E., Morehouse Parish, Hydrologic Unit 08040205, on downstream side of right pier of bridge on State Highway 834, 1.0 mi downstream from Arkansas-Louisiana State line, and 1.6 mi northwest of Jones.

DRAINAGE AREA.--1,187 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 79.21 ft above sea level (levels by Corps of Engineers). Water-stage recorder for Bayou Bartholomew northwest of Jones (station 07364203) used as auxiliary gage for this station since Oct. 1, 1959. See WSP 2120 for history of changes prior to Dec. 7, 1966.

REMARKS.--Records good 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 Beouf River near Girard (07368000). Other flow bypasses station and re-enters the basin 5 mi downstream by way of Overflow Creek. Several measurements of water temperature were made during the year. Satellite telemetry and raingage at station.

AVERAGE DISCHARGE.--43 years, 1,320 ft³/s, 956,340 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, 4,000 ft³/s, Apr. 13, gage height, 22.30 ft; maximum gage height, 22.32 ft, Apr. 12; minimum discharge, 3.4 ft³/s, on Nov. 6; minimum gage height, -0.19 ft, Nov. 6.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	19	27	317	46	123	1370	1660	e775	196	64	18
2	31	15	25	308	48	135	1630	1490	e750	206	57	12
3	29	10	24	294	49	158	1960	1340	e720	204	48	16
4	27	6.0	26	276	51	187	2240	1190	e685	189	43	20
5	22	4.8	30	252	58	219	2550	e1080	e660	172	47	24
6	19	3.7	29	225	70	250	2940	e1000	e655	151	50	25
7	17	3.9	31	198	76	278	3260	e925	e680	130	43	26
8	17	4.0	35	175	82	291	3540	e865	e705	114	32	20
9	19	7.7	37	155	86	292	3720	e955	e715	102	31	18
10	19	11	38	139	92	300	3830	e1040	e720	97	40	19
11	20	14	37	125	99	371	3920	e1120	e700	87	47	21
12	21	13	37	112	108	388	3970	e1160	e670	77	54	28
13	22	13	43	101	130	387	3990	e1210	e625	72	55	36
14	22	13	47	91	160	385	3970	1240	e580	77	53	48
15	22	13	58	81	164	386	3930	1260	e540	79	51	57
16	22	13	76	72	162	433	3870	1260	e500	77	47	61
17	21	13	93	65	160	461	3790	e1230	462	72	39	64
18	21	14	102	60	159	441	3710	e1190	431	61	41	69
19	21	13	107	55	160	561	3600	e1150	424	55	37	72
20	19	16	111	52	159	712	3480	e1100	419	44	33	72
21	17	15	125	48	161	807	3340	e1050	408	32	30	69
22	16	14	150	45	170	894	3190	e1010	371	25	31	62
23	21	15	183	43	182	980	3030	e980	286	24	36	54
24	27	19	e212	41	188	1040	2870	e935	e251	24	39	47
25	29	23	e242	38	183	1110	2690	e900	e220	22	31	44
26	25	23	e270	36	172	1200	2510	e880	189	22	23	38
27	22	23	e290	35	157	1250	2340	e870	171	22	23	33
28	21	23	e304	40	137	1340	2170	e870	170	25	28	28
29	19	21	312	41	123	1290	2010	e860	176	29	25	25
30	17	22	318	42	---	1300	1840	e845	183	38	18	22
31	16	---	320	43	---	1330	---	e815	---	53	21	---
TOTAL	674	418.1	3739	3605	3592	19299	91260	33480	14841	2578	1217	1148
MEAN	21.7	13.9	121	116	124	623	3042	1080	495	83.2	39.3	38.3
MAX	33	23	320	317	188	1340	3990	1660	775	206	64	72
MIN	16	3.7	24	35	46	123	1370	815	170	22	18	12
AC-FT	1340	829	7420	7150	7120	38280	181000	66410	29440	5110	2410	2280

CAL YR 1999 TOTAL 412208.1 MEAN 1129 MAX 5890 MIN 3.7 AC-FT 817600
WTR YR 2000 TOTAL 175851.1 MEAN 480 MAX 3990 MIN 3.7 AC-FT 348800

e Estimated

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.66	.28	.51	4.80	.96	2.43	12.63	14.05	8.54	3.24	1.08	.02
2	.60	.19	.46	4.71	1.01	2.64	14.02	13.17	8.13	3.36	.95	-.14
3	.56	.03	.43	4.57	1.02	3.00	15.63	12.34	7.74	3.34	.75	-.03
4	.51	-.10	.47	4.38	1.09	3.39	17.35	11.44	7.43	3.16	.63	.09
5	.37	-.14	.58	4.13	1.23	3.76	19.15	10.51	7.30	2.95	.72	.20
6	.30	-.18	.56	3.84	1.47	4.11	20.49	9.65	7.29	2.63	.79	.23
7	.25	-.17	.60	3.52	1.60	4.40	21.23	9.06	7.34	2.29	.63	.26
8	.23	-.17	.70	3.24	1.70	4.53	21.74	8.86	7.42	2.02	.37	.10
9	.28	-.04	.75	2.96	1.78	4.54	22.02	9.06	7.43	1.82	.34	.06
10	.29	.06	.79	2.70	1.89	4.62	22.17	9.53	7.35	1.72	.56	.08
11	.33	.14	.76	2.47	2.02	5.31	22.23	9.99	7.19	1.54	.73	.15
12	.35	.13	.76	2.25	2.19	5.47	22.27	10.41	6.99	1.36	.88	.31
13	.36	.11	.89	2.05	2.55	5.46	22.30	10.80	6.77	1.26	.90	.53
14	.37	.12	.98	1.87	3.03	5.44	22.23	11.02	6.53	1.36	.85	.77
15	.36	.11	1.23	1.69	3.09	5.46	22.10	11.09	6.29	1.39	.81	.97
16	.38	.11	1.59	1.53	3.06	6.06	21.94	11.03	6.00	1.35	.72	1.06
17	.35	.13	1.90	1.39	3.02	6.45	21.75	10.88	5.77	1.25	.55	1.12
18	.34	.15	2.08	1.27	3.02	6.33	21.53	10.65	5.52	1.02	.58	1.20
19	.34	.13	2.16	1.18	3.03	7.49	21.26	10.44	5.44	.90	.49	1.27
20	.30	.21	2.24	1.09	3.01	8.57	20.93	10.37	5.43	.64	.39	1.27
21	.24	.18	2.47	1.02	3.04	9.30	20.54	10.28	5.38	.38	.32	1.20
22	.21	.16	2.87	.95	3.17	9.98	20.09	10.19	5.07	.21	.34	1.08
23	.35	.18	3.34	.90	3.33	10.57	19.58	10.13	4.61	.18	.48	.92
24	.50	.28	3.76	.84	3.40	11.03	19.04	10.08	4.05	.18	.54	.77
25	.55	.39	4.09	.79	3.34	11.43	18.43	10.03	3.55	.12	.34	.72
26	.46	.41	4.34	.73	3.20	11.91	17.78	9.93	3.16	.13	.16	.58
27	.37	.41	4.52	.72	2.98	12.26	17.11	9.78	2.94	.12	.14	.46
28	.34	.40	4.65	.82	2.68	12.34	16.40	9.80	2.92	.21	.28	.36
29	.30	.36	4.75	.85	2.44	12.37	15.66	9.60	3.00	.31	.20	.29
30	.23	.36	4.81	.88	---	12.46	14.88	9.28	3.10	.51	.02	.22
31	.20	---	4.83	.91	---	12.50	---	8.94	---	.86	.11	---
MAX	.66	.41	4.83	4.80	3.40	12.50	22.30	14.05	8.54	3.36	1.08	1.27
MIN	.20	-.18	.43	.72	.96	2.43	12.63	8.86	2.92	.12	.02	-.14

07364840 LAKE CLAIBORNE NEAR AYCOCK, LA

LOCATION.--Lat 32°44'20", long 92°54'15", in sec.8, T.20 N., R.5 W., Claiborne Parish, Hydrologic Unit 08040206, attached to pier of catwalk to drop inlet structure, 50 ft upstream from dam on Bayou D'Arbonne, and 2.0 mi northeast of Aycock.

DRAINAGE AREA.--133 mi².

PERIOD OF RECORD.--1962 (one discharge measurement). February 1968 to current year (gage heights and miscellaneous discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage is 176.00 ft above sea level (levels by Louisiana Department of Transportation and Development).

REMARKS.--Reservoir is formed by an earthfill dam, containing an uncontrolled concrete drop inlet spillway near the left end of dam. Outflow below spillway elevation is controlled by two 8- by 8-ft sluice gates in upstream face of drop inlet. Invert of sluice gates at -24.75 ft, gage datum, capacity, 100,000 acre-ft to 9.0 ft, gage datum. Dam completed and storage began in 1966. Reservoir is used for flood control and conservation. Gates closed all year. 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, 10.67 ft, May 5; minimum gage height, 5.42 ft, Dec. 2.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.84	5.67	5.47	5.68	5.91	6.15	7.42	9.56	9.56	9.51	8.94	8.30
2	5.83	5.67	5.45	5.68	5.91	6.13	8.55	9.57	9.53	9.48	8.92	8.28
3	5.81	5.63	5.47	5.70	5.92	6.16	9.35	9.59	9.51	9.48	8.90	8.26
4	5.80	5.61	5.50	5.72	5.93	6.14	9.68	10.12	9.49	9.47	8.88	8.24
5	5.78	5.61	5.63	5.67	5.91	6.13	9.76	10.63	9.76	9.45	8.87	8.21
6	5.76	5.60	5.60	5.67	5.91	6.13	9.77	10.60	9.85	9.43	8.84	8.17
7	5.75	5.60	5.59	5.66	5.92	6.13	9.76	---	9.80	9.41	8.82	8.14
8	5.79	5.59	5.58	5.75	5.93	6.13	9.81	---	9.74	9.39	8.80	8.12
9	5.85	5.59	5.60	5.79	5.94	6.14	9.77	---	9.69	9.38	8.78	8.18
10	5.84	5.58	5.62	5.80	5.94	6.17	9.73	---	9.68	9.37	8.76	8.50
11	5.84	5.58	5.61	5.80	5.95	6.23	9.72	---	9.65	9.35	8.73	8.51
12	5.83	5.57	5.67	5.80	5.94	6.21	9.77	---	9.62	9.32	8.71	8.51
13	5.82	5.56	5.74	5.80	5.95	6.20	9.83	---	9.58	9.30	8.68	8.52
14	5.82	5.55	5.75	5.78	5.95	6.20	9.82	---	9.55	9.29	8.66	8.51
15	5.80	5.54	5.75	5.78	5.95	6.26	9.80	---	9.52	9.28	8.64	8.49
16	5.79	5.53	5.73	5.79	5.95	6.41	9.78	9.80	9.48	9.26	8.62	8.46
17	5.78	5.52	5.72	5.79	5.95	6.44	9.77	9.74	9.49	9.25	8.60	8.43
18	5.76	5.51	5.74	5.79	5.99	6.49	9.73	9.69	9.65	9.22	8.58	8.42
19	5.76	5.51	5.74	5.79	6.01	6.70	9.70	9.73	9.64	9.21	8.56	8.40
20	5.74	5.55	5.74	5.79	6.01	6.73	9.69	9.92	9.62	9.18	8.54	8.40
21	5.73	5.54	5.73	5.77	6.01	6.75	9.64	9.98	9.59	9.15	8.52	8.46
22	5.72	5.53	5.73	5.77	6.00	6.79	9.59	9.94	9.57	9.13	8.50	8.49
23	5.70	5.54	5.72	5.76	5.99	6.81	9.58	9.88	9.54	9.11	8.48	8.50
24	5.68	5.54	5.71	5.75	6.01	6.83	9.73	9.81	9.51	9.08	8.46	8.53
25	5.67	5.54	5.71	5.76	6.00	6.87	9.71	9.75	9.48	9.05	8.45	8.61
26	5.66	5.53	5.71	5.74	6.07	6.94	9.69	9.70	9.45	9.03	8.43	8.55
27	5.65	5.52	5.70	5.78	6.14	7.07	9.68	9.66	9.43	9.01	8.41	8.54
28	5.64	5.51	5.70	5.89	6.14	7.11	9.65	9.73	9.47	9.00	8.39	8.52
29	5.63	5.50	5.69	5.90	6.14	7.20	9.62	9.69	9.55	8.98	8.36	8.51
30	5.62	5.48	5.68	5.90	---	7.32	9.58	9.65	9.53	8.97	8.35	8.49
31	5.67	---	5.68	5.91	---	7.34	---	9.60	---	8.96	8.32	---
MAX	5.85	5.67	5.75	5.91	6.14	7.34	9.83	---	9.85	9.51	8.94	8.61
MIN	5.62	5.48	5.45	5.66	5.91	6.13	7.42	---	9.43	8.96	8.32	8.12

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.

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 50 cfs and fair below. Satellite telemetry and telephony at station.

PEAK DISCHARGES 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)
Apr 3	0200	*2,450	*8.75	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.13	18	18	21	69	128	321	24	123	48	9.0	.00
2	.12	20	20	22	68	71	1150	22	44	38	8.9	.00
3	.10	20	23	22	65	45	1980	22	30	33	7.3	.00
4	.09	19	27	22	62	36	1190	79	26	35	5.4	.00
5	.07	20	51	21	58	31	952	316	56	26	3.5	.00
6	.06	20	63	20	54	29	868	491	94	19	2.4	.00
7	.07	18	48	23	48	27	702	688	85	14	1.7	.00
8	.12	18	37	38	42	25	526	668	53	12	1.4	.00
9	.21	20	30	79	38	24	335	537	35	9.5	.89	.00
10	6.2	20	33	70	35	28	155	430	27	8.1	.77	.00
11	8.2	21	35	60	32	118	91	259	24	7.3	.78	.00
12	6.5	22	36	46	30	214	115	73	21	7.8	.74	.00
13	5.3	24	70	37	28	198	203	80	17	8.8	.65	.00
14	4.9	24	76	30	27	123	214	148	14	9.4	.54	.00
15	6.7	24	67	28	25	70	189	151	12	19	.46	.00
16	7.9	24	51	28	25	141	154	147	11	22	.41	.00
17	8.2	23	38	26	25	251	104	94	13	16	.43	.00
18	7.5	23	32	25	25	252	72	51	38	12	.36	.00
19	6.5	24	28	25	30	336	55	60	62	9.3	.32	.00
20	6.8	26	26	26	35	371	44	437	50	7.5	.29	.00
21	7.1	30	24	25	32	261	36	924	48	6.0	.23	.00
22	8.1	26	22	23	29	170	30	912	76	4.6	.18	.00
23	9.6	23	22	23	28	145	26	790	144	3.0	.13	.00
24	9.7	27	22	23	27	84	25	599	92	2.4	.08	.00
25	9.6	16	24	21	26	58	27	347	45	1.8	.04	.00
26	9.6	18	23	21	31	56	38	95	28	1.9	.03	.00
27	10	16	22	23	72	88	67	45	21	1.3	.02	.00
28	11	13	21	43	109	144	56	62	21	1.1	.01	.00
29	11	15	21	62	142	173	38	141	32	.99	.01	.00
30	11	17	22	64	---	294	29	197	50	1.7	.00	.00
31	13	---	22	69	---	347	---	251	---	3.0	.00	---
TOTAL	185.37	629	1054	1066	1317	4338	9792	9140	1392	389.49	46.97	0.00
MEAN	5.98	21.0	34.0	34.4	45.4	140	326	295	46.4	12.6	1.52	.000
MAX	13	30	76	79	142	371	1980	924	144	48	9.0	.00
MIN	.06	13	18	20	25	24	25	22	11	.99	.00	.00
AC-FT	368	1250	2090	2110	2610	8600	19420	18130	2760	773	93	.00
CFSM	.03	.10	.16	.17	.22	.67	1.57	1.42	.22	.06	.01	.00
IN.	.03	.11	.19	.19	.24	.78	1.75	1.63	.25	.07	.01	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2000, BY WATER YEAR (WY)

MEAN	54.6	143	252	342	405	380	406	244	157	72.1	30.2	42.2
MAX	660	977	1112	1140	1256	1074	2764	852	1391	985	202	464
(WY)	1985	1958	1983	1974	1975	1997	1991	1991	1974	1989	1996	1974
MIN	.45	8.88	20.7	34.4	45.4	48.3	49.8	11.5	3.40	1.19	1.49	.000
(WY)	1988	1996	1957	2000	2000	1966	1981	1988	1966	1988	1956	2000

RED RIVER BASIN

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1956 - 2000	
ANNUAL TOTAL	78476.20		29349.83		210	
ANNUAL MEAN	215		80.2		502	
HIGHEST ANNUAL MEAN					52.3	
LOWEST ANNUAL MEAN					20000	
HIGHEST DAILY MEAN	6790	Jan 31	1980	Apr 3	Apr 28 1958	
LOWEST DAILY MEAN	.06	Oct 6	.00	Aug 30	a.00	
ANNUAL SEVEN-DAY MINIMUM	.09	Oct 2	.00	Aug 30	a.00	
INSTANTANEOUS PEAK FLOW			2450	Apr 3	24000	
INSTANTANEOUS PEAK STAGE			8.75	Apr 3	17.54	
INSTANTANEOUS LOW FLOW			b.00	Aug 31	a.00	
INSTANTANEOUS LOW STAGE			c1.04	Sep 20		
ANNUAL RUNOFF (AC-FT)	155700		58220		151800	
ANNUAL RUNOFF (CFSM)	1.03		.39		1.01	
ANNUAL RUNOFF (INCHES)	14.04		5.25		13.69	
10 PERCENT EXCEEDS	498		178		536	
50 PERCENT EXCEEDS	30		24		51	
90 PERCENT EXCEEDS	1.0		.04		4.4	

a Many days several years.

b Also occurred Sep 1-30.

c Also occurred Sep 21.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.61	3.07	3.08	2.99	4.08	4.76	5.90	3.09	4.63	3.71	2.52	1.31
2	1.60	3.14	3.14	3.01	4.08	4.11	7.41	3.01	3.60	3.46	2.52	1.30
3	1.60	3.13	3.21	3.01	4.02	3.65	8.37	3.02	3.26	3.33	2.44	1.28
4	1.59	3.10	3.31	3.03	3.98	3.43	7.57	3.98	3.13	3.38	2.33	1.26
5	1.58	3.13	3.77	3.00	3.90	3.31	7.25	5.77	3.82	3.13	2.24	1.24
6	1.57	3.12	3.98	2.96	3.83	3.27	7.11	6.31	4.43	2.91	2.17	1.21
7	1.58	3.07	3.69	3.04	3.70	3.21	6.79	6.76	4.31	2.75	2.11	1.19
8	1.63	3.09	3.43	3.44	3.57	3.15	6.40	6.72	3.80	2.64	2.07	1.16
9	1.68	3.13	3.25	4.23	3.46	3.13	5.84	6.42	3.39	2.54	1.94	1.16
10	2.55	3.15	3.34	4.10	3.38	3.26	4.94	6.17	3.18	2.48	1.90	1.16
11	2.68	3.17	3.38	3.93	3.31	4.63	4.39	5.49	3.08	2.44	1.90	1.15
12	2.58	3.18	3.41	3.66	3.26	5.38	4.63	4.13	2.99	2.47	1.89	1.15
13	2.50	3.24	4.09	3.45	3.20	5.30	5.26	4.21	2.87	2.51	1.85	1.16
14	2.47	3.23	4.19	3.26	3.16	4.76	5.32	4.92	2.77	2.54	1.80	1.15
15	2.60	3.24	4.06	3.20	3.12	4.18	5.19	4.94	2.70	2.90	1.77	1.13
16	2.67	3.23	3.76	3.21	3.10	4.89	4.96	4.92	2.66	3.00	1.74	1.11
17	2.69	3.22	3.46	3.14	3.10	5.57	4.53	4.40	2.72	2.83	1.76	1.09
18	2.64	3.23	3.30	3.11	3.12	5.58	4.13	3.76	3.41	2.65	1.72	1.08
19	2.59	3.25	3.19	3.13	3.24	5.96	3.84	3.86	3.97	2.53	1.71	1.06
20	2.61	3.29	3.15	3.13	3.40	6.09	3.62	6.06	3.76	2.45	1.69	1.05
21	2.62	3.38	3.07	3.11	3.30	5.63	3.42	7.20	3.71	2.37	1.66	1.05
22	2.68	3.29	3.03	3.06	3.24	5.17	3.25	7.18	4.16	2.29	1.63	1.05
23	2.76	3.21	3.02	3.05	3.19	4.99	3.14	6.97	4.89	2.21	1.60	1.05
24	2.76	3.31	3.02	3.06	3.16	4.40	3.13	6.56	4.39	2.17	1.56	1.05
25	2.76	3.01	3.08	3.00	3.14	4.01	3.17	5.87	3.63	2.12	1.51	1.10
26	2.75	3.08	3.04	2.98	3.29	3.97	3.46	4.37	3.19	2.13	1.48	1.12
27	2.78	3.02	3.02	3.06	4.12	4.42	4.06	3.63	2.99	2.06	1.44	1.11
28	2.80	2.90	2.99	3.57	4.59	4.99	3.86	3.93	3.00	2.02	1.40	1.11
29	2.81	2.97	2.99	3.98	4.87	5.18	3.45	4.87	3.29	1.97	1.36	1.10
30	2.82	3.03	3.01	4.01	---	5.78	3.24	5.23	3.75	2.11	1.33	1.09
31	2.89	---	3.01	4.09	---	6.00	---	5.48	---	2.17	1.32	---
MAX	2.89	3.38	4.19	4.23	4.87	6.09	8.37	7.20	4.89	3.71	2.52	1.31
MIN	1.57	2.90	2.99	2.96	3.10	3.13	3.13	3.01	2.66	1.97	1.32	1.05

07366300 BAYOU D'ARBONNE LAKE AT FARMERVILLE, LA

LOCATION.--Lat 32°45'25", long 92°24'50", in NW 1/4 NW 1/4 sec.6, T.20 N., R.1 E., Union Parish, Hydrologic Unit 08040206, near right bank on downstream side of bridge on State Highway 33, 0.6 mi southwest of Farmerville, and 5.0 mi upstream from dam on Bayou D'Arbonne.

DRAINAGE AREA.--1,607 mi² at dam, 1,470 mi² at site.

PERIOD OF RECORD.--December 1964 to current year (gage heights and miscellaneous discharge measurements only). August 1925 to current year in reports of Corps of Engineers, Vicksburg District. Published as Lake D'Arbonne at Farmerville, December 1964 to September 1968.

REVISED RECORDS.--WDR LA-71: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 40.40 ft above sea level (levels by Corps of Engineers).

REMARKS.--Reservoir is formed by an earthfill dam containing a 799-ft uncontrolled concrete spillway at left end. Capacity, 130,000 acre-ft at spillway crest, 39.60 ft, gage datum. There is no dead storage. Outflow below spillway crest controlled by four 5- by 5-ft sluice gates at outlet. Invert elevation of sluice gates at 17.6 ft gage datum. Dam complete and storage began in 1964. Reservoir is used for flood control, conservation, and recreation. 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, 42.08 ft, Apr. 5; minimum gage height, 38.78 ft, Sept. 20, 21, 24.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.78	39.71	39.61	39.89	40.05	40.17	40.67	40.28	40.59	40.40	39.61	39.01
2	39.76	39.69	39.60	39.90	40.05	40.16	41.00	40.27	40.52	40.37	39.60	39.00
3	39.75	39.65	39.62	39.91	40.05	40.16	41.47	40.29	40.44	40.35	39.58	38.98
4	39.74	39.64	39.65	39.90	40.04	40.10	41.78	40.43	40.38	40.31	39.57	38.96
5	39.72	39.64	39.73	39.86	40.02	40.08	42.03	40.83	40.52	40.28	39.55	38.93
6	39.70	39.64	39.72	39.86	40.03	40.07	42.03	41.09	40.60	40.24	39.53	38.89
7	39.70	39.63	39.72	39.86	40.03	40.06	41.85	41.26	40.63	40.19	39.50	38.86
8	39.75	39.63	39.72	39.91	40.04	40.05	41.58	41.39	40.63	40.15	39.48	38.85
9	39.81	39.62	39.74	39.95	40.04	40.05	41.35	41.40	40.58	40.12	39.47	38.86
10	39.81	39.62	39.76	39.96	40.04	40.05	41.20	41.34	40.54	40.08	39.46	38.87
11	39.81	39.62	39.76	39.96	40.03	40.07	41.06	41.22	40.52	40.04	39.43	38.86
12	39.80	39.61	39.83	39.98	40.02	40.05	40.95	41.10	40.46	40.01	39.41	38.89
13	39.80	39.61	39.90	39.96	40.04	40.07	40.87	41.05	40.39	39.98	39.38	38.92
14	39.78	39.60	39.91	39.95	40.05	40.08	40.82	40.96	40.33	39.95	39.35	38.91
15	39.78	39.60	39.91	39.96	40.04	40.15	40.79	40.89	40.28	39.94	39.33	38.89
16	39.77	39.58	39.90	39.95	40.03	40.27	40.75	40.83	40.24	39.91	39.31	38.86
17	39.76	39.58	39.90	39.95	40.02	40.32	40.70	40.77	40.22	39.90	39.30	38.83
18	39.73	39.57	39.92	39.95	40.03	40.38	40.64	40.71	40.25	39.87	39.27	38.81
19	39.73	39.57	39.92	39.94	40.01	40.57	40.59	40.70	40.28	39.85	39.25	38.80
20	39.72	39.62	39.92	39.93	40.00	40.65	40.52	40.77	40.35	39.83	39.23	38.79
21	39.70	39.61	39.94	39.90	40.00	40.72	40.43	40.84	40.36	39.80	39.21	38.80
22	39.69	39.61	39.93	39.91	40.00	40.71	40.37	40.92	40.33	39.78	39.19	38.79
23	39.68	39.63	39.93	39.90	39.99	40.65	40.33	41.00	40.30	39.76	39.18	38.80
24	39.66	39.64	39.92	39.89	39.99	40.58	40.41	41.03	40.28	39.73	39.16	38.80
25	39.64	39.64	39.92	39.89	39.99	40.52	40.47	41.07	40.26	39.71	39.14	38.88
26	39.64	39.64	39.92	39.88	40.06	40.46	40.46	41.08	40.23	39.69	39.12	38.85
27	39.63	39.64	39.91	39.91	40.14	40.46	40.43	41.03	40.20	39.67	39.10	38.83
28	39.62	39.64	39.90	40.03	40.16	40.44	40.37	41.12	40.23	39.65	39.07	38.82
29	39.62	39.63	39.89	40.04	40.17	40.53	40.34	40.99	40.35	39.64	39.05	38.80
30	39.61	39.62	39.89	40.04	---	40.61	40.31	40.83	40.40	39.63	39.03	38.79
31	39.69	---	39.89	40.04	---	40.64	---	40.69	---	39.62	39.01	---
MAX	39.81	39.71	39.94	40.04	40.17	40.72	42.03	41.40	40.63	40.40	39.61	39.01
MIN	39.61	39.57	39.60	39.86	39.99	40.05	40.31	40.27	40.20	39.62	39.01	38.79

07366472 CHAUVIN BAYOU NEAR MONROE, LA

LOCATION.--Lat 32°33'34", long 92°04'31", in NE 1/4 NE 1/4 sec.43, T.18 N., R.4 E., Ouachita Parish, Hydrologic Unit 08040207, on downstream end of culvert on U.S. Highway 165, 2.5 mi north of Sherrouse School at Monroe, and 4.0 mi upstream from mouth, and 1 mi north of Monroe.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--November 1977 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of the gage is 31.17 ft above sea level.

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 35.11 ft, Apr. 3; minimum gage height, 30.37 ft, July 13.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.58	30.68	30.64	30.54	30.77	30.71	31.48	30.83	30.82	30.57	30.56	30.52
2	30.51	30.65	30.62	30.56	30.73	30.69	33.76	30.92	30.78	30.56	30.52	30.52
3	30.48	30.63	30.71	30.66	30.66	30.67	34.90	31.22	30.75	30.58	30.51	30.51
4	30.48	30.60	30.80	30.68	30.65	30.67	34.98	31.38	30.78	30.56	30.50	30.50
5	30.48	30.72	31.15	30.63	30.66	30.66	34.69	31.44	31.29	30.54	30.49	30.49
6	30.45	30.59	30.88	30.59	30.64	30.66	34.40	31.98	31.17	30.54	30.49	30.49
7	30.47	30.55	30.68	30.58	30.71	30.65	34.10	31.82	31.02	30.53	30.48	30.48
8	30.48	30.58	30.64	30.64	30.67	30.65	34.05	31.57	30.91	30.52	30.47	30.49
9	30.60	30.58	30.69	30.69	30.65	30.65	33.78	31.34	30.82	30.50	30.66	30.54
10	30.48	30.61	30.77	30.68	30.65	30.74	33.50	31.26	30.75	30.48	30.81	30.56
11	30.44	30.61	30.68	30.65	30.66	31.20	33.19	31.21	30.70	30.47	30.65	30.54
12	30.45	30.61	30.88	30.63	30.66	31.01	33.14	31.13	30.65	30.46	30.61	30.54
13	30.49	30.63	31.05	30.61	30.76	30.87	32.93	31.18	30.63	30.46	30.60	30.53
14	30.51	30.63	30.86	30.60	30.84	30.79	32.55	31.12	30.61	30.46	30.58	30.50
15	30.53	30.83	30.73	30.61	30.76	31.01	32.26	31.05	30.60	30.46	30.53	30.49
16	30.52	30.67	30.67	30.62	30.73	31.39	32.02	31.00	30.60	30.45	30.55	30.48
17	30.52	30.61	30.68	30.60	30.71	31.13	31.87	30.97	30.95	30.44	30.56	30.46
18	30.52	30.52	30.74	30.61	30.70	31.39	31.63	30.93	31.69	30.44	30.56	30.48
19	30.54	30.69	30.71	30.60	30.70	34.09	31.18	30.94	31.32	30.44	30.56	30.53
20	30.56	30.63	30.67	30.59	30.70	32.97	30.90	31.43	31.14	30.43	30.55	30.52
21	30.57	30.57	30.77	30.59	30.69	32.38	30.79	31.37	30.99	30.44	30.55	30.51
22	30.57	30.64	30.74	30.61	30.68	32.15	30.71	31.13	30.78	30.45	30.56	30.55
23	30.55	30.64	30.67	30.63	30.68	31.98	30.68	31.01	30.69	30.45	30.56	30.75
24	30.54	30.70	30.63	30.59	30.67	31.75	30.88	30.94	30.63	30.45	30.56	30.72
25	30.53	30.67	30.61	30.58	30.66	31.60	30.76	30.91	30.59	30.44	30.53	30.97
26	30.53	30.66	30.59	30.58	30.74	31.46	30.71	30.87	30.58	30.43	30.55	30.76
27	30.64	30.64	30.57	30.69	30.84	31.44	30.77	30.84	30.58	30.43	30.54	30.67
28	30.79	30.63	30.55	31.16	30.76	31.23	30.80	31.04	30.60	30.44	30.55	30.62
29	30.70	30.62	30.54	31.02	30.73	31.37	30.82	30.96	30.64	30.43	30.54	30.59
30	30.64	30.61	30.55	30.86	---	31.41	30.83	30.91	30.59	30.79	30.54	30.58
31	30.76	---	30.55	30.76	---	31.31	---	30.86	---	30.64	30.53	---
MAX	30.79	30.83	31.15	31.16	30.84	34.09	34.98	31.98	31.69	30.79	30.81	30.97
MIN	30.44	30.52	30.54	30.54	30.64	30.65	30.68	30.83	30.58	30.43	30.47	30.46

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

REMARKS.--Records fair except for daily discharges below 200 ft³/s and above 3000 ft³/s, which are poor. Lowest recordable stage is 2.00 ft. Diversions above and below station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. In extreme floods considerable flow bypasses station. Flow re-enters and passes stations Bayou Lafourche near Crew Lake (station 07369000) and Boeuf River near Girard (station 07368000).

AVERAGE DISCHARGE.--11 years (water years 1958-68), 952 ft³/s, 689,700 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,500 ft³/s, Feb. 11, 1966; maximum gage height, 26.39 ft, present datum, May 5, 1991. No flow at times most years as a result of pumping for irrigation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 15, 1948, reached a stage of 24.8 ft, present datum, (from records of Corps of Engineers, Vicksburg District).

EXTREMES FOR CURRENT YEAR.--Maximum gage height 24.46 ft, Apr 5; minimum gage height not determined.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	491	258		.00	.00	444	.00	.00
2	.00	.00	.00	.00	605	111		.00	.00	185	166	.00
3	.00	.00	.00	.00	487	43		30	.00	74	53	.00
4	.00	.00	.00	19	514	.49		699	1180	57	.00	.00
5	.00	.00	.00	.00	618	.00		1470	2750	1.2	.00	.00
6	.00	.00	.00	.00	363	.00			2200	.00	.00	.00
7	.00	.00	.00	.00	150	.00			816	.00	.00	.00
8	.00	.00	.00	.00	46	.00			307	.00	.00	.00
9	.00	.00	.00	4.5	15	.00		1300	78	.00	.00	.00
10	.00	.00	.00	106	.50	.00	900	808	.80	.00	.00	.00
11	.00	.00	40	52	.00	929	544	827	.00	.00	.00	.00
12	.00	.00	221	13	.00	612	669	635	.00	.00	.00	.00
13	.96	.00	1750	1.1	.26	278	2250	370	.00	.00	.00	145
14	.00	.00	3190	.00	236	95	1570	207	.00	.00	.00	440
15	.00	.00	2820	.00	337	57	829	129	.00	.00	.00	188
16	.00	.00	1470	.00	101	1770	505	33	.00	.00	.00	43
17	.00	.00	452	.00	34	3530	333	2.8	.00	.00	.00	1.4
18	.00	.00	209	.00	7.1	2490	244	.00	.00	.00	.00	.00
19	.00	.00	92	.00	89		224	2.2	.00	.00	.00	.00
20	.00	.00	36	.00	405		180	277	.00	.00	.00	.00
21	.00	.00	26	.00	318		144	839	77	.00	.00	.00
22	.00	.00	7.1	.00	99	1520	64	594	51	.00	.00	.00
23	.00	.00	.00	.00	21	613	65	289	3.0	.00	.00	.00
24	.00	.00	.00	.00	5.3	342	166	114	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	239	269	15	.00	.00	.00	.00
26	.00	.00	.00	.00	25	402	157	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	893	1150	64	.00	.00	.00	.00	.00
28	.00	.00	.00	8.7	1720	1180	31	246	.00	.00	.00	.00
29	.00	.00	.00	184	668	1030	9.3	148	479	.00	.00	.00
30	.00	.00	.00	363	---	2770	.00	229	1200	.00	.00	.00
31	.00	---	.00	502	---	1590	---	44	---	.00	.00	---
TOTAL	0.96	0.00	10313.10	1253.30	8248.16	---	---	---	9141.80	761.20	219.00	817.40
MEAN	.031	.000	333	40.4	284	---	---	---	305	24.6	7.06	27.2
MAX	.96	.00	3190	502	1720	---	---	---	2750	444	166	440
MIN	.00	.00	.00	.00	.00	---	---	---	.00	.00	.00	.00
CFSM	.00	.00	.42	.05	.36	---	---	---	.39	.03	.01	.03
IN.	.00	.00	.49	.06	.39	---	---	---	.43	.04	.01	.04

RED RIVER BASIN

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

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.48	2.84	2.11	4.51	5.87	5.49	6.83	4.57	4.47	5.64		
2	4.51	2.36	2.27	4.48	6.03	5.24	19.29	4.60	4.12	5.22	4.85	
3	4.51		2.43	4.56	5.86	5.08	23.52	4.80	3.86	5.03	4.94	
4	4.49		2.54	4.99	5.90	4.84	24.31	6.00	6.58	4.99	4.17	
5	4.46		2.45	4.70	6.05	4.64	24.42	7.07	8.63	4.58	3.18	
6	4.40		2.34	4.54	5.67	4.58	24.06	9.73	7.97	3.83		
7	4.35		2.22	4.47	5.31	4.42	22.51	11.64	6.17	2.91		
8	4.32		2.05	4.46	5.11	4.24	18.53	9.47	5.40			
9	4.35		2.09	4.72	4.97	4.15	11.32	6.82	4.99			
10	4.38		2.35	5.23	4.88	4.08	6.29	6.16	4.58			
11	4.39		4.22	5.12	4.86	6.43	5.77	6.19	4.32			
12	4.58		5.43	4.97	4.83	6.04	5.95	5.91	3.97			
13	4.89		7.50	4.90	4.82	5.53	8.04	5.51	3.09			2.92
14	4.78		9.19	4.81	5.44	5.21	7.19	5.24	2.24			5.76
15	4.70		8.78	4.74	5.63	5.10	6.19	5.10				5.35
16	4.57		7.18	4.67	5.22	7.49	5.72	4.88				5.07
17	4.46		5.80	4.62	5.06	9.56	5.45	4.72				4.83
18	4.37		5.41	4.58	4.93	8.41	5.30	4.59				4.62
19	4.29		5.21	4.56	5.19	15.15	5.27	4.64				4.46
20	4.23		5.07	4.53	5.73	19.16	5.19	5.32				4.34
21	4.16		5.03	4.50	5.59	14.84	5.13	6.21	4.20			4.28
22	4.10		4.93	4.44	5.21	7.10	4.98	5.85	4.95			4.22
23	4.05		4.83	4.42	5.01	5.88	4.99	5.38	4.66			4.17
24	4.01		4.75	4.42	4.92	5.46	5.17	5.07	4.23			4.12
25	3.95		4.67	4.42	4.87	5.29	5.34	4.75	3.52			4.17
26	3.83		4.60	4.45	5.01	5.56	5.15	4.39	3.02			4.22
27	3.79		4.57	4.46	6.39	6.62	4.98	3.94	2.45			4.22
28	3.71		4.53	4.84	7.51	6.68	4.89	5.18	2.78			4.23
29	3.61		4.44	5.37	6.12	6.47	4.75	5.14	5.33			4.38
30	3.43		4.42	5.67	---	8.66	4.55	5.27	6.73			4.39
31	3.32		4.47	5.88	---	7.21	---	4.88	---			---
MAX	4.89	---	9.19	5.88	7.51	19.16	24.42	11.64	---	---	---	---
MIN	3.32	---	2.05	4.42	4.82	4.08	4.55	3.94	---	---	---	---

07368000 BOEUF RIVER NEAR GIRARD, LA

LOCATION.--Lat 32°28'52", long 91°47'52", on line between sec.1, T.17 N., R.6 E., and sec. 6, T.17 N., R.7 E., Richland Parish, Hydrologic Unit 08050001, on downstream side of bridge on U.S. Highway 80, and 0.5 mi east of Girard.

DRAINAGE AREA.--1,226 mi² (see REMARKS).

PERIOD OF RECORD.--October 1938 to current year. Daily gage heights as follows: 1886-94 in reports of National Weather Service; September 1925 to December 1931 in files of Corps of Engineers, Vicksburg District; since January 1932 in reports of Corps of Engineers, Vicksburg District.

GAGE.--Water-stage recorder. Datum of gage is 49.42 ft above sea level (levels by Corps of Engineers). Prior to Nov. 3, 1955, nonrecording gage at sites within 200 ft upstream. Prior to Oct. 1, 1966, at datum 2.20 ft higher. Water-stage recorder for Boeuf River southwest of Rayville (station 07368040) used as auxiliary gage for this station. Nov. 20, 1962, to Sept. 30, 1974, at datum 0.60 ft lower. See WSP 2120 for changes prior to Nov. 20, 1962.

REMARKS.--Records good above 50 ft³/s, fair above 20 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.

AVERAGE DISCHARGE.--62 years (water years 1939- to current), 294 ft³/s, 213,000 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, 1,390 ft³/s, Apr. 5, gage height, 17.10 ft; minimum discharge, no flow at times in July, August, and September; minimum gage height, 5.96 ft, Jul. 22.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	4.8	3.0	7.3	29	34	290	33	53	41	5.1	.00
2	15	4.2	3.4	6.9	23	35	571	32	45	48	5.2	.00
3	15	3.8	4.3	19	19	29	1070	43	41	45	4.8	.00
4	14	3.8	5.1	32	17	23	1340	59	44	38	4.5	.00
5	12	3.6	11	37	15	18	1390	85	147	32	4.6	.00
6	11	3.4	8.6	36	15	15	1350	104	245	28	5.1	.00
7	9.6	3.4	6.5	28	21	12	1280	115	281	27	4.9	.00
8	11	3.5	5.5	23	25	11	1220	173	215	22	3.1	.00
9	16	3.4	6.7	21	23	9.6	1130	222	138	18	1.5	.00
10	14	3.4	9.8	17	20	14	937	185	126	15	1.1	.00
11	12	3.3	8.4	14	20	62	628	128	70	12	1.2	.00
12	12	3.3	13	11	16	65	384	91	47	9.3	1.4	.00
13	11	3.3	25	9.9	21	68	249	79	36	5.4	1.6	.00
14	11	3.3	47	9.3	31	57	194	62	29	2.7	1.2	.00
15	11	2.9	86	8.7	24	72	182	49	25	1.1	.51	.00
16	10	2.7	112	8.2	18	150	143	44	23	1.8	.00	.00
17	10	2.6	103	7.9	16	188	101	42	21	2.1	.00	.00
18	9.6	2.6	80	7.5	16	212	77	39	30	2.4	.00	.02
19	9.4	2.8	54	7.1	14	336	66	37	38	2.3	.00	.35
20	8.9	3.6	36	5.8	13	452	56	49	38	1.9	.00	1.4
21	8.6	3.3	35	5.2	12	576	49	52	37	.12	.00	4.6
22	8.4	3.2	29	5.0	11	630	45	54	36	.00	.00	9.0
23	7.5	3.6	26	4.0	12	502	43	56	36	.00	.00	11
24	6.7	3.4	23	3.0	12	288	42	54	36	.00	.00	11
25	6.4	4.0	19	2.6	14	144	40	50	36	.15	.00	11
26	5.9	3.9	17	1.9	20	85	38	46	34	.15	.00	9.2
27	5.5	3.6	14	3.9	33	111	38	43	31	.09	.03	8.3
28	5.0	3.4	12	22	26	185	37	44	29	.09	.00	7.2
29	4.7	3.3	11	31	27	230	35	46	35	.17	.00	5.7
30	4.6	3.1	9.6	38	---	267	34	59	39	4.4	.00	5.0
31	5.2	---	8.3	36	---	273	---	60	---	4.3	.00	---
TOTAL	305.0	102.5	832.2	469.2	563	5153.6	13059	2235	2041	364.47	45.84	83.77
MEAN	9.84	3.42	26.8	15.1	19.4	166	435	72.1	68.0	11.8	1.48	2.79
MAX	16	4.8	112	38	33	630	1390	222	281	48	5.2	11
MIN	4.6	2.6	3.0	1.9	11	9.6	34	32	21	.00	.00	.00
AC-FT	605	203	1650	931	1120	10220	25900	4430	4050	723	91	166
CAL YR 1999	TOTAL 49216.58			MEAN 135		MAX 1650		MIN .98		AC-FT 97620		
WTR YR 2000	TOTAL 25254.58			MEAN 69.0		MAX 1390		MIN .00		AC-FT 50090		

RED RIVER BASIN

07368000 BOEUF RIVER NEAR GIRARD, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.28	6.13	6.09	6.17	6.46	6.52	8.84	6.28	6.49	6.49	6.13	6.05
2	6.28	6.12	6.10	6.17	6.39	6.52	11.19	6.27	6.41	6.56	6.14	6.05
3	6.28	6.11	6.12	6.33	6.34	6.46	14.87	6.39	6.37	6.54	6.14	6.04
4	6.27	6.11	6.13	6.49	6.31	6.38	16.77	6.55	6.40	6.47	6.13	6.03
5	6.25	6.11	6.23	6.55	6.29	6.33	17.07	6.79	7.35	6.41	6.14	6.01
6	6.23	6.10	6.19	6.53	6.28	6.28	16.83	6.97	8.23	6.37	6.14	5.99
7	6.21	6.10	6.16	6.44	6.36	6.25	16.36	7.07	8.55	6.36	6.14	6.00
8	6.23	6.10	6.14	6.39	6.42	6.23	15.94	7.59	7.97	6.31	6.11	6.02
9	6.30	6.10	6.16	6.36	6.39	6.21	15.29	8.03	7.28	6.26	6.08	6.03
10	6.26	6.10	6.21	6.31	6.35	6.27	13.95	7.69	7.18	6.22	6.07	6.04
11	6.25	6.10	6.19	6.27	6.35	6.80	11.60	7.18	6.68	6.19	6.08	6.04
12	6.24	6.10	6.25	6.23	6.29	6.83	9.48	6.86	6.46	6.15	6.08	6.04
13	6.23	6.10	6.41	6.21	6.35	6.86	8.27	6.74	6.34	6.10	6.09	6.04
14	6.22	6.10	6.65	6.20	6.48	6.76	7.77	6.58	6.27	6.04	6.08	6.05
15	6.22	6.09	7.03	6.19	6.40	6.88	7.67	6.45	6.23	6.02	6.07	6.05
16	6.22	6.09	7.26	6.19	6.33	7.59	7.31	6.40	6.21	6.03	6.05	6.04
17	6.22	6.08	7.18	6.18	6.30	7.94	6.95	6.38	6.20	6.05	6.03	6.05
18	6.21	6.08	6.97	6.18	6.29	8.16	6.73	6.35	6.30	6.06	6.04	6.06
19	6.20	6.09	6.72	6.17	6.28	9.23	6.62	6.33	6.40	6.06	6.04	6.07
20	6.20	6.11	6.54	6.15	6.25	10.24	6.52	6.45	6.41	6.06	6.05	6.09
21	6.19	6.10	6.52	6.14	6.24	11.27	6.45	6.48	6.40	6.00	6.05	6.15
22	6.19	6.10	6.45	6.13	6.23	11.69	6.41	6.50	6.39	5.97	6.05	6.21
23	6.17	6.11	6.42	6.11	6.24	10.66	6.39	6.52	6.40	6.00	6.05	6.24
24	6.16	6.10	6.38	6.09	6.24	8.82	6.38	6.50	6.40	6.02	6.05	6.24
25	6.16	6.11	6.34	6.08	6.27	7.54	6.36	6.46	6.40	6.02	6.04	6.23
26	6.15	6.11	6.31	6.07	6.34	7.02	6.34	6.43	6.39	6.02	6.05	6.22
27	6.14	6.11	6.28	6.11	6.50	7.25	6.33	6.39	6.37	6.02	6.06	6.21
28	6.13	6.10	6.25	6.38	6.43	7.91	6.32	6.40	6.34	6.02	6.06	6.19
29	6.13	6.10	6.22	6.49	6.43	8.32	6.31	6.42	6.42	6.02	6.05	6.18
30	6.12	6.10	6.21	6.56	---	8.64	6.30	6.55	6.46	6.12	6.05	6.16
31	6.14	---	6.19	6.54	---	8.69	---	6.56	---	6.12	6.05	---
MAX	6.30	6.13	7.26	6.56	6.50	11.69	17.07	8.03	8.55	6.56	6.14	6.24
MIN	6.12	6.08	6.09	6.07	6.23	6.21	6.30	6.27	6.20	5.97	6.03	5.99

07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA

LOCATION.--Lat 32°29'55", long 91°55'05", in NW 1/4 SW 1/4 sec.36, T.18 N., R.5 E., Ouachita - Richland Parish line, Hydrologic Unit 08050001, near center of span on downstream side of bridge on U.S. Highway 80, 1.1 mi upstream from Illinois Central Gulf Railroad bridge, and 2.5 mi west of town of Crew Lake.

DRAINAGE AREA.--361 mi² (see REMARKS).

PERIOD OF RECORD.--October 1938 to current year. Prior to December 1938, monthly discharge only, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 37.08 ft above sea level (levels by Corps of Engineers). Prior to Aug. 10, 1944, nonrecording gage, Aug. 10, 1944, to June 5, 1952, water-stage recorder, and June 6 to September 30, 1952, nonrecording gage, all at same site at datum 19.00 ft higher. Water-stage recorder for Bayou Lafourche near Alto (station 07369050) used as auxiliary gage for this station since Oct. 1, 1957.

REMARKS.--Estimated daily discharges. Records fair, except for periods of indefinite stage-discharge relationship at times during the year, which are poor. Small diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Boeuf River and Bayou Lafourche basins are connected by canal upstream. In extreme floods, considerable flow from the Bayou Bartholomew basin passes this station.

AVERAGE DISCHARGE.--62 years, (water years 1939 to current) 1,865 ft/s, 1,351,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 38,700 ft³/s, Nov. 2, 1991, gage height, 30.18 ft; maximum gage height, 30.34 ft, May 9, 1991. Maximum daily reverse flow 210 ft³/s, Apr. 27, 1989; no flow at times in August, September, October 1952, and June 1984, result of pumping for irrigation. No flow Mar. 17, 1989, backwater from Ouachita River.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 17,000 ft³/s was measured Dec. 24, 1931 (from reports of Corps of Engineers, Vicksburg District).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,500 ft³/s, Apr. 5, gage height, 27.15 ft, maximum gage height, 27.15 ft, Apr. 6; minimum discharge not determined.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	145	e12	e16	26	731	e810	e2750	103	211	918	43	14
2	84	e10	e16	24	734	571	e11700	95	123	421	33	13
3	60	e13	e17	97	781	322	e17800	221	104	228	29	14
4	53	e14	e18	474	759	242	e20400	601	198	153	59	9.1
5	41	e13	e18	250	808	163	21200	2160	3610	116	58	8.1
6	33	e12	21	117	829	113	21000	2790	7200	62	42	13
7	31	e12	21	75	612	91	20500	4970	3490	52	30	15
8	33	e13	18	61	426	87	19500	5550	1200	47	20	14
9	68	e14	17	63	340	78	17400	3390	871	44	21	13
10	83	e20	24	89	246	82	13300	1710	522	35	16	9.7
11	63	e21	22	174	234	e275	e10000	1440	239	27	14	11
12	43	e18	44	150	168	e1080	e7000	1170	114	28	20	14
13	34	e22	819	126	141	e910	e5000	788	72	27	16	13
14	33	e21	2940	81	225	760	e3600	505	55	30	16	88
15	30	e15	3800	61	439	542	e2850	337	54	e22	13	318
16	25	e15	3190	53	404	e1800	e2300	252	52	e18	11	201
17	19	e16	1810	48	256	e3500	e1850	183	91	e17	11	117
18	16	e16	786	50	196	e3920	e1550	134	241	e19	17	74
19	14	e17	442	49	210	e8000	e1280	122	132	e17	39	58
20	14	e14	234	40	261	e11600	e1050	458	216	16	26	44
21	13	e17	216	37	453	e12700	e860	926	189	17	17	42
22	e14	e20	206	34	505	e10800	e710	864	183	17	13	35
23	e11	e19	144	39	380	e5650	e600	544	162	15	15	25
24	e15	e14	107	37	280	e3100	e490	311	101	14	27	25
25	e20	e15	91	37	156	e1600	425	187	67	19	24	22
26	e19	e15	84	38	143	e1900	342	111	49	22	13	16
27	e15	e16	73	46	368	e2750	244	64	30	26	10	13
28	e13	e17	49	176	e1000	e4000	197	781	59	18	11	12
29	e12	e18	44	590	e1200	e3200	158	1670	430	21	13	10
30	e12	e14	37	635	---	e6500	135	1020	831	41	11	8.7
31	e14	---	30	724	---	e5900	---	476	---	66	15	---
TOTAL	1080	473	15354	4501	13285	93046	206191	33933	20896	2573	703	1269.6
MEAN	34.8	15.8	495	145	458	3001	6873	1095	697	83.0	22.7	42.3
MAX	145	22	3800	724	1200	12700	21200	5550	7200	918	59	318
MIN	11	10	16	24	141	78	135	64	30	14	10	8.1
AC-FT	2140	938	30450	8930	26350	184600	409000	67310	41450	5100	1390	2520
CAL YR 1999	TOTAL 779759		MEAN 2136		MAX 24000		MIN 10		AC-FT 1547000			
WTR YR 2000	TOTAL 393304.6		MEAN 1075		MAX 21200		MIN 8.1		AC-FT 780100			

e Estimated

RED RIVER BASIN

07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.23	---	---	.26	3.49	4.49	11.38	.98	1.56	4.04	.48	.06
2	.83	---	---	.23	3.50	2.97	21.77	.93	1.10	2.43	.35	.04
3	.65	---	---	.67	3.64	2.05	25.79	1.55	.98	1.64	.30	.05
4	.58	---	---	2.63	3.58	1.70	26.76	2.94	1.39	1.27	.63	-.05
5	.47	---	---	1.73	3.72	1.32	27.07	7.32	9.42	1.06	.63	-.07
6	.38	---	.23	1.06	3.79	1.04	27.17	8.99	15.93	.66	.47	.03
7	.35	---	.23	.78	3.10	.90	27.14	12.16	12.10	.57	.33	.07
8	.37	---	.18	.66	2.46	.87	27.02	13.45	7.47	.52	.17	.05
9	.71	---	.17	.67	2.13	.80	26.64	10.87	4.46	.49	.19	.03
10	.83	---	.26	.88	1.72	.82	25.73	7.34	2.80	.38	.09	-.04
11	.67	---	.25	1.38	1.67	3.80	23.91	5.93	1.68	.27	.05	-.01
12	.48	---	.43	1.25	1.35	6.47	21.18	4.75	1.04	.29	.16	.05
13	.39	---	3.55	1.12	1.21	4.51	19.48	3.66	.75	.28	.09	.04
14	.38	---	8.28	.82	1.62	3.57	18.07	2.74	.60	.32	.09	.61
15	.34	---	9.96	.65	2.51	2.85	15.71	2.11	.59	---	.04	2.04
16	.27	---	9.42	.58	2.38	7.82	13.70	1.75	.57	---	-.01	1.51
17	.20	---	6.77	.53	1.77	12.27	12.24	1.43	.80	---	.00	1.06
18	.16	---	3.64	.55	1.49	12.80	10.94	1.17	1.69	---	.10	.77
19	.13	---	2.51	.54	1.56	19.38	9.72	1.10	1.15	---	.43	.62
20	.12	---	1.67	.45	1.79	23.53	8.38	2.46	1.58	.10	.27	.49
21	.12	---	1.59	.41	2.55	23.88	6.85	4.07	1.45	.11	.11	.47
22	---	---	1.54	.38	2.74	22.40	5.31	3.89	1.43	.11	.04	.38
23	---	---	1.22	.43	2.28	16.11	3.92	2.87	1.32	.07	.07	.24
24	---	---	1.00	.41	1.87	11.09	3.24	2.00	.96	.04	.29	.25
25	---	---	.90	.40	1.28	8.59	2.46	1.44	.71	.14	.23	.21
26	---	---	.85	.43	1.21	9.00	2.13	1.02	.54	.20	.04	.08
27	---	---	.76	.50	2.21	11.09	1.71	.68	.32	.27	-.03	.04
28	---	---	.54	1.34	5.73	12.69	1.49	3.33	.63	.13	.00	.00
29	---	---	.49	3.03	6.71	11.62	1.30	5.98	2.46	.18	.02	-.02
30	---	---	.41	3.18	---	15.55	1.17	4.31	3.75	.42	-.01	-.06
31	---	---	.32	3.47	---	14.17	---	2.63	---	.70	.08	---
MAX	---	---	---	3.47	6.71	23.88	27.17	13.45	15.93	---	.63	2.04
MIN	---	---	---	.23	1.21	.80	1.17	.68	.32	---	-.03	-.07

07369500 TENSAS RIVER AT TENDAL, LA

LOCATION.--Lat 32°25'55", long 91°22'00", in NW $\frac{1}{4}$ sec.29, T.17 N., R.11 E., Madison Parish, Hydrologic Unit 08050003, near right bank on upstream side of bridge on U.S. Highway 80 at Tendal, 200 ft upstream from Illinois Central Gulf Railroad bridge, and 2.8 mi east of Waverly.

DRAINAGE AREA.--309 mi² (see REMARKS).

PERIOD OF RECORD.--December 1935 to current year. Monthly discharge only for some periods, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 50.07 ft above sea level. Prior to July 11, 1944, nonrecording gage at site 1,000 ft upstream at same datum. July 11, 1944 to Sept. 14, 1954, nonrecording gage at same site and datum. Water-stage recorder for Tensas River southeast of Tendal (07369515) used as auxiliary gage for this station since Oct. 1, 1957. See WSP 1711 and 1731 for history of changes prior to Oct. 1, 1957.

REMARKS.--Records good except for periods of 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. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--65 years (water years 1936 to current), 353 ft³/s, 255,700 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, 3,230 ft³/s, Apr. 3, gage height, 24.05 ft; maximum gage height, 24.48 ft, Apr. 4; minimum discharge, 1.1 ft³/s, Sept. 20, gage height, 5.18 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	495	5.1	9.8	8.5	54	28	685	17	27	33	22	5.2
2	373	5.1	9.3	7.5	34	23	1630	16	18	36	22	4.2
3	198	4.6	9.5	7.7	23	16	3050	17	26	35	20	3.7
4	92	4.4	11	9.9	25	13	2940	26	203	30	19	3.6
5	41	4.5	13	14	36	9.7	2800	47	1030	26	17	3.8
6	20	4.4	17	15	38	7.0	2760	64	1480	23	16	2.8
7	14	4.5	20	13	30	5.4	2740	58	1310	21	13	2.3
8	12	4.6	18	12	24	4.7	2750	39	1010	17	12	2.3
9	11	5.0	15	12	18	4.6	2670	23	739	15	14	2.5
10	15	6.0	14	15	15	5.9	2570	16	548	15	23	2.7
11	18	6.8	13	18	17	47	2440	12	395	14	30	3.0
12	15	6.8	16	16	17	120	2270	12	292	15	34	4.0
13	11	6.6	41	15	13	105	2130	13	198	15	36	6.3
14	9.4	6.5	129	11	11	70	1850	13	129	17	38	6.2
15	8.2	6.5	113	9.6	8.5	74	1540	10	92	18	35	5.8
16	7.3	6.3	69	8.9	8.8	443	1230	9.3	60	19	29	4.3
17	6.8	6.4	38	7.9	7.9	548	965	9.1	41	19	23	3.4
18	6.0	6.3	24	7.7	6.9	368	758	9.6	45	19	16	2.6
19	5.3	6.2	17	7.2	7.4	812	622	10	46	21	14	2.0
20	5.0	7.6	15	7.2	6.9	1420	514	64	41	24	17	1.6
21	4.7	7.6	15	6.1	6.4	1180	414	221	34	23	14	2.1
22	4.6	7.7	35	5.2	5.5	875	319	184	26	20	10	2.1
23	4.8	8.2	47	6.0	4.4	647	245	95	22	18	8.8	2.2
24	4.6	9.3	33	5.5	4.5	478	193	42	19	19	7.9	3.6
25	4.4	10	21	5.7	4.3	353	124	21	18	19	7.8	5.7
26	4.3	11	16	6.5	4.5	355	74	13	19	19	8.2	5.1
27	4.3	11	14	9.0	6.6	591	44	9.9	23	19	7.9	3.9
28	4.1	11	12	16	11	622	29	9.1	25	16	7.1	3.4
29	4.1	11	11	78	20	566	22	7.6	25	14	7.6	2.8
30	4.2	10	9.5	122	---	982	19	18	27	14	8.1	2.6
31	4.9	---	9.2	90	---	874	---	30	---	17	6.9	---
TOTAL	1412.0	211.0	834.3	573.1	468.6	11647.3	40397	1135.6	7968	630	544.3	105.8
MEAN	45.5	7.03	26.9	18.5	16.2	376	1347	36.6	266	20.3	17.6	3.53
MAX	495	11	129	122	54	1420	3050	221	1480	36	38	6.3
MIN	4.1	4.4	9.2	5.2	4.3	4.6	19	7.6	18	14	6.9	1.6
AC-FT	2800	419	1650	1140	929	23100	80130	2250	15800	1250	1080	210
CAL YR 1999	TOTAL 152718.3			MEAN 418		MAX 2960		MIN 4.1		AC-FT 302900		
WTR YR 2000	TOTAL 65927.0			MEAN 180		MAX 3050		MIN 1.6		AC-FT 130800		

RED RIVER BASIN

07369500 TENSAS RIVER AT TENDAL, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.50	5.35	5.57	5.56	6.46	6.04	13.12	5.69	5.93	6.03	5.80	5.36
2	9.61	5.35	5.56	5.53	6.14	5.93	17.20	5.66	5.70	6.10	5.80	5.32
3	8.12	5.33	5.57	5.53	5.93	5.78	23.46	5.68	5.83	6.09	5.77	5.30
4	6.95	5.32	5.62	5.61	5.98	5.71	24.47	5.90	8.12	5.97	5.73	5.29
5	6.18	5.32	5.68	5.72	6.17	5.60	24.43	6.29	13.54	5.89	5.69	5.31
6	5.76	5.33	5.78	5.74	6.21	5.51	24.37	6.56	16.26	5.83	5.66	5.27
7	5.62	5.34	5.87	5.71	6.06	5.45	24.28	6.47	15.90	5.78	5.60	5.25
8	5.57	5.34	5.81	5.68	5.95	5.42	24.21	6.15	14.67	5.69	5.55	5.25
9	5.54	5.36	5.73	5.66	5.82	5.42	23.95	5.83	13.21	5.65	5.61	5.26
10	5.63	5.40	5.72	5.75	5.76	5.46	23.58	5.66	11.77	5.64	5.82	5.26
11	5.72	5.43	5.70	5.83	5.79	6.32	23.11	5.57	10.36	5.62	5.97	5.28
12	5.64	5.44	5.76	5.78	5.81	7.30	22.49	5.55	9.12	5.63	6.06	5.32
13	5.54	5.43	6.22	5.76	5.69	7.11	21.98	5.60	8.12	5.64	6.09	5.40
14	5.48	5.42	7.40	5.65	5.64	6.68	21.06	5.57	7.40	5.69	6.13	5.40
15	5.44	5.43	7.21	5.60	5.56	6.71	19.89	5.50	6.96	5.71	6.07	5.39
16	5.41	5.43	6.66	5.57	5.57	10.08	18.55	5.48	6.49	5.73	5.96	5.33
17	5.39	5.43	6.21	5.54	5.54	11.00	17.21	5.47	6.19	5.73	5.82	5.30
18	5.36	5.43	5.94	5.53	5.51	9.88	15.94	5.49	6.25	5.74	5.66	5.26
19	5.34	5.43	5.81	5.52	5.52	12.51	14.71	5.50	6.27	5.79	5.62	5.23
20	5.33	5.48	5.76	5.52	5.51	16.28	13.43	6.45	6.19	5.86	5.68	5.21
21	5.31	5.48	5.75	5.48	5.49	15.86	12.06	8.34	6.05	5.84	5.62	5.24
22	5.31	5.49	6.15	5.44	5.46	14.55	10.63	7.98	5.90	5.76	5.52	5.24
23	5.32	5.50	6.35	5.47	5.41	13.19	9.27	6.99	5.81	5.72	5.47	5.24
24	5.31	5.55	6.11	5.45	5.41	11.77	8.19	6.20	5.74	5.74	5.45	5.30
25	5.30	5.57	5.90	5.46	5.41	10.42	7.34	5.78	5.71	5.74	5.45	5.38
26	5.30	5.59	5.79	5.49	5.42	10.00	6.70	5.59	5.74	5.74	5.46	5.36
27	5.30	5.60	5.72	5.58	5.49	11.65	6.23	5.49	5.83	5.74	5.45	5.32
28	5.30	5.60	5.67	5.78	5.65	12.31	5.95	5.47	5.88	5.67	5.43	5.29
29	5.30	5.61	5.64	6.76	5.86	11.92	5.80	5.42	5.88	5.62	5.44	5.27
30	5.30	5.59	5.59	7.33	---	14.12	5.74	5.70	5.91	5.62	5.45	5.26
31	5.33	---	5.58	6.93	---	14.07	---	5.99	---	5.69	5.42	---
MAX	10.50	5.61	7.40	7.33	6.46	16.28	24.47	8.34	16.26	6.10	6.13	5.40
MIN	5.30	5.32	5.56	5.44	5.41	5.42	5.74	5.42	5.70	5.62	5.42	5.21

07370000 BAYOU MACON NEAR DELHI, LA

LOCATION.--Lat 32°27'25", long 91°28'30", in NE 1/4 SE 1/4 sec.18, T. 17 N., R.10 E., Madison - Richland Parish line, Hydrologic Unit 08050002, near right bank on downstream side of bridge on U.S. Highway 80, 0.2 mi upstream from Illinois Central Gulf Railroad bridge, and 1.0 mi east of Delhi.

DRAINAGE AREA.--782 mi².

PERIOD OF RECORD.--Daily discharge and gage height records October 1935 to September 1992. October 1992 to current year, gage heights and annual maximum discharge only. Monthly discharge only for some periods published in WSP 1311. Daily gage heights as follows: 1885-99 in reports of National Weather Service; September 1925 to December 1931 in files of Corps of Engineers, Vicksburg District; and since January 1932 in reports of Corps of Engineers, Vicksburg District.

REVISED RECORDS.--WDR LA-77-1: 1976.

GAGE.--Water-stage recorder. Datum of gage is 50.05 ft above sea level (levels by Corps of Engineers). Prior to Mar. 14, 1949, nonrecording gage; Mar. 14, 1949 to Oct. 1, 1963, water-stage recorder; all gages within 2,000 ft downstream at same datum. Auxiliary water-stage recorder 7.7 mi downstream from base gage at datum 46.05 ft above sea level. Prior to Mar. 9, 1972, auxiliary gages at different sites and datum. See WDR LA-76-1 for history of changes prior to Mar. 9, 1972.

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

AVERAGE DISCHARGE.--57 years (water years 1935-1992), 975 ft³/s, 706,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,600 ft³/s, Apr. 29, 1991; maximum gage height, 26.86 ft, May 5, 1991; no flow observed, May 25, 26, 28, June 1, 1963, June 11, 1988, and June 12 to July 4, 1988 result of temporary dam; minimum gage height 4.13 ft, June 21, 1988.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1882 reached a stage of 37.5 ft, present site and datum, from records of National Weather Service (affected by overflow from Mississippi River).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,940 ft³/s, Apr. 4, gage height 23.08; maximum gage height, 23.63 ft, Apr. 5; minimum gage height, 5.18 Jul. 13.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.35	6.62	6.61	6.70	7.26	7.09	8.43	6.68	6.69	7.44	7.01	6.69
2	7.00	6.63	6.60	6.71	7.18	7.06	13.17	6.89	6.46	7.38	6.99	6.66
3	6.80	6.58	6.64	6.75	7.10	7.03	20.96	7.27	6.31	7.21	6.77	6.64
4	6.44	6.57	6.67	7.31	7.05	6.96	23.35	8.09	6.70	7.00	6.63	6.63
5	6.64	6.57	6.79	7.38	6.96	6.91	23.59	8.89	9.13	6.79	6.61	6.66
6	6.62	6.56	6.80	7.11	6.91	6.87	23.40	8.33	9.83	6.41	6.63	6.65
7	6.61	6.55	6.77	6.93	6.88	6.84	23.00	8.02	8.56	6.04	6.63	6.65
8	6.64	6.54	6.74	6.85	6.87	6.83	22.30	7.51	7.60	5.79	6.48	6.66
9	6.92	6.53	6.70	6.82	6.86	6.85	21.17	7.06	7.13	5.63	6.35	6.68
10	6.99	6.53	6.76	6.85	6.86	6.88	19.43	7.01	6.96	5.51	6.27	6.81
11	6.84	6.52	6.83	6.88	6.89	7.72	17.15	7.10	6.88	5.38	6.36	6.82
12	6.72	6.49	6.85	6.85	6.87	8.22	14.66	7.06	6.76	5.32	6.46	6.75
13	6.67	6.41	7.60	6.85	6.85	7.58	13.03	7.18	6.55	5.23	6.52	6.72
14	6.64	6.45	7.77	6.77	6.92	7.10	11.23	7.21	6.35	5.24	6.56	6.73
15	6.62	6.50	7.51	6.74	6.97	7.12	9.18	7.13	6.26	5.55	6.57	6.72
16	6.61	6.49	7.23	6.74	7.01	8.60	8.07	6.97	6.29	5.87	6.59	6.66
17	6.62	6.53	7.04	6.74	6.94	9.14	7.76	6.82	6.47	6.13	6.61	6.59
18	6.61	6.58	6.93	6.75	6.93	8.49	7.58	6.61	6.99	6.18	6.64	6.53
19	6.61	6.60	6.83	6.75	6.94	9.90	7.41	6.72	7.16	6.15	6.67	6.49
20	6.62	6.63	6.79	6.75	6.90	12.39	7.28	7.59	7.01	6.05	6.68	6.49
21	6.62	6.60	6.82	6.72	6.86	12.41	7.17	7.63	6.90	5.95	6.74	6.53
22	6.61	6.61	6.89	6.73	6.83	10.67	7.05	7.19	6.71	6.03	6.67	6.59
23	6.60	6.62	6.85	6.77	6.81	8.66	6.97	7.01	6.51	6.30	6.63	6.65
24	6.56	6.64	6.79	6.78	6.82	7.83	6.96	6.91	6.40	6.50	6.65	6.74
25	6.55	6.63	6.73	6.78	6.81	7.48	6.90	6.78	6.34	6.25	6.58	6.75
26	6.56	6.63	6.70	6.78	6.85	7.59	6.87	6.63	6.18	5.95	6.56	6.69
27	6.59	6.62	6.69	6.82	6.98	8.30	6.84	6.35	6.06	5.70	6.65	6.64
28	6.59	6.64	6.68	7.04	7.10	8.50	6.86	6.77	6.69	5.53	6.67	6.61
29	6.57	6.64	6.68	7.61	7.14	8.62	6.85	7.71	7.23	5.42	6.67	6.58
30	6.56	6.63	6.67	7.62	---	9.88	6.79	7.26	7.21	5.68	6.67	6.56
31	6.60	---	6.69	7.39	---	8.96	---	6.90	---	6.55	6.69	---
MAX	7.35	6.64	7.77	7.62	7.26	12.41	23.59	8.89	9.83	7.44	7.01	6.82
MIN	6.44	6.41	6.60	6.70	6.81	6.83	6.79	6.35	6.06	5.23	6.27	6.49

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 sea level. 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, 6,860 ft³/s, gage height, 14.66 ft, Apr. 4; minimum gage height, 3.03 ft, July 25, 26.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.35	3.52	3.86	3.84	4.77	6.01	10.99	4.93	5.52	4.74	3.36	3.36
2	3.51	3.46	3.82	3.81	4.68	5.29	11.27	4.90	4.77	4.17	3.31	3.37
3	3.68	3.31	3.83	3.78	4.60	4.84	12.30	5.91	4.36	3.94	3.31	3.32
4	3.53	3.42	4.01	3.90	4.57	4.55	14.15	8.72	4.09	3.89	3.31	3.30
5	3.44	3.42	4.24	3.97	4.46	4.30	14.34	10.44	4.83	4.03	3.31	3.30
6	3.39	3.42	4.16	3.92	4.28	4.05	13.30	11.30	8.81	3.92	3.34	3.30
7	3.35	3.61	3.96	3.87	4.31	3.90	12.33	11.50	9.14	3.71	3.32	3.30
8	3.37	3.64	4.21	3.87	4.28	3.77	11.54	11.30	8.42	3.52	3.30	3.28
9	3.55	3.59	4.48	3.88	4.18	3.79	10.60	10.47	6.69	3.43	3.28	3.29
10	3.58	3.57	4.48	3.93	4.20	3.85	9.44	8.83	5.37	3.38	3.29	3.32
11	3.48	3.55	4.32	3.97	4.33	4.64	8.53	7.29	4.88	3.29	3.31	3.35
12	3.46	3.55	4.22	4.03	4.29	5.45	8.77	6.36	4.60	3.21	3.32	3.35
13	3.47	3.55	4.29	4.25	4.26	6.14	9.79	6.24	4.36	3.19	3.24	3.31
14	3.47	3.54	4.38	4.21	4.25	6.14	9.86	6.06	4.18	3.19	3.21	3.31
15	3.35	3.48	4.96	4.14	4.36	5.53	9.95	5.86	4.08	3.17	3.23	3.31
16	3.32	3.49	5.13	4.15	4.69	6.26	9.83	5.83	3.94	3.14	3.23	3.34
17	3.37	3.60	4.80	4.46	4.54	7.46	9.15	5.38	3.86	3.10	3.22	3.41
18	3.39	3.62	4.55	4.26	4.38	8.37	8.23	4.90	3.85	3.08	3.22	3.44
19	3.38	3.69	4.60	3.98	4.26	9.04	7.34	4.65	3.79	3.13	3.22	3.45
20	3.39	3.86	4.56	3.81	4.22	9.55	6.60	5.44	4.14	3.19	3.21	3.41
21	3.47	3.96	4.64	3.79	4.19	9.90	6.03	7.76	4.82	3.23	3.22	3.40
22	3.47	3.91	4.80	3.80	4.09	10.19	5.60	8.32	4.68	3.35	3.21	3.42
23	3.40	3.90	4.62	3.79	4.11	10.42	5.28	8.37	4.47	3.30	3.19	3.44
24	3.35	3.90	4.33	3.82	4.18	10.02	6.62	7.15	4.42	3.18	3.21	3.45
25	3.32	3.93	4.16	3.81	4.16	9.19	8.72	5.85	4.09	3.07	3.24	3.45
26	3.26	3.95	4.14	3.79	4.19	8.54	7.84	5.16	3.81	3.10	3.25	3.42
27	3.28	4.00	4.08	3.86	4.35	8.53	6.99	4.71	3.62	3.22	3.26	3.42
28	3.30	3.99	4.02	4.01	4.89	9.04	6.03	4.72	3.53	3.28	3.24	3.48
29	3.24	3.88	3.99	4.02	6.12	9.36	5.39	5.20	3.56	3.24	3.26	3.44
30	3.19	3.82	3.94	4.23	---	10.42	5.06	5.91	5.13	3.24	3.31	3.38
31	3.25	---	3.87	4.71	---	11.00	---	6.49	---	3.38	3.38	---
MAX	3.68	4.00	5.13	4.71	6.12	11.00	14.34	11.50	9.14	4.74	3.38	3.48
MIN	3.19	3.31	3.82	3.78	4.09	3.77	5.06	4.65	3.53	3.07	3.19	3.28

07372200 LITTLE RIVER NEAR ROCHELLE, LA

LOCATION.--Lat 31°45'15", long 92°20'40", in NW 1/4 sec.41, T.9 N., R.1 E., Grant - La Salle Parish line, Hydrologic Unit 08040304, near right bank on downstream side of pier of bridge on State Highway 500, 700 ft upstream from Louisiana Midland Railway Co. bridge, 1.1 mi northeast of Zenoria, and 3.0 mi southeast of Rochelle.

DRAINAGE AREA.--1,899 mi².

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

REVISED RECORDS.--WDR LA-1973: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 24.79 ft above sea level. Water-stage recorder for station Little River at Rochelle (station 07372190) used as auxiliary gage for this station since May 9, 1960. Prior to May 9, 1960, auxiliary nonrecording gage 5.1 mi upstream from base gage at same datum. Nonrecording gage read twice daily at auxiliary gage from Jan. 3, 1983 to Sept. 30, 1986.

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

AVERAGE DISCHARGE.--42 years, (1928-1996, 1998 to current), 2,286 ft³/s, 1,656,000 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, 29,600 ft³/s, Apr. 6, gage height, 36.78 ft; minimum discharge, 8.8 ft³/s, Sep. 6-9, gage height, 4.26 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1	e24	e17	27	101	56	95	3120	624	239	343	62	11		
2	e23	17	27	90	63	101	3580	545	214	274	52	11		
3	e23	17	28	84	92	124	5850	531	202	296	45	10		
4	e24	16	30	79	111	141	8960	975	223	276	38	10		
5	e25	15	35	72	118	180	18400	2090	253	263	33	9.5		
6	e25	14	38	69	126	198	28600	2640	253	278	30	9.0		
7	e26	13	48	67	e132	189	25900	2870	241	221	29	8.8		
8	e26	12	46	62	e125	166	20100	2910	305	188	28	8.9		
9	e30	12	40	61	e120	144	16200	2880	415	159	26	9.9		
10	e34	11	35	60	e116	136	13600	2760	542	143	24	11		
11	e50	11	38	59	111	379	12100	2490	656	140	22	12		
12	e46	11	48	60	106	574	10800	2160	726	123	20	12		
13	e34	11	57	58	106	694	9510	1930	734	105	18	13		
14	e32	12	69	59	103	742	8270	1790	653	105	17	15		
15	e26	13	70	59	108	758	7260	1630	553	91	16	16		
16	e23	13	68	56	110	1080	6490	1280	452	74	16	16		
17	e22	14	64	55	184	1100	5660	795	349	60	15	e15		
18	e21	15	75	57	259	1020	4750	515	286	50	15	e14		
19	e20	16	142	60	262	1050	3780	400	249	43	14	e13		
20	e20	18	185	59	220	1360	2950	360	227	37	14	e13		
21	e18	20	213	58	181	1680	2250	359	245	32	13	12		
22	e17	24	232	56	162	1980	1730	334	254	30	13	12		
23	e17	25	219	53	150	2280	1300	307	241	27	13	12		
24	e17	23	216	52	135	2490	1420	370	219	25	13	13		
25	e16	27	201	53	119	2660	1520	471	201	22	13	13		
26	e16	26	183	50	108	2690	1490	523	193	21	13	12		
27	e15	25	169	49	103	2540	1360	521	193	20	13	12		
28	e15	25	159	54	100	2350	992	496	201	19	12	11		
29	e15	25	147	51	96	2310	748	445	267	19	11	11		
30	e16	27	129	51	---	2670	674	358	366	24	11	10		
31	e16	---	113	52	---	2990	---	288	---	50	11	---		
TOTAL	732	525	3151	1906	3782	36871	229364	36647	10152	3558	670	356.1		
MEAN	23.6	17.5	102	61.5	130	1189	7645	1182	338	115	21.6	11.9		
MAX	50	27	232	101	262	2990	28600	2910	734	343	62	16		
MIN	15	11	27	49	56	95	674	288	193	19	11	8.8		
AC-FT	1450	1040	6250	3780	7500	73130	454900	72690	20140	7060	1330	706		
CFSM	.01	.01	.05	.03	.07	.63	4.03	.62	.18	.06	.01	.01		
IN.	.01	.01	.06	.04	.07	.72	4.49	.72	.20	.07	.01	.01		
CAL YR 1999	TOTAL 927917		MEAN 2542		MAX 75700		MIN 11		AC-FT 1841000		CFSM 1.34		IN. 18.18	
WTR YR 2000	TOTAL 327714.1		MEAN 895		MAX 28600		MIN 8.8		AC-FT 650000		CFSM .47		IN. 6.42	

e Estimated

RED RIVER BASIN

07372200 LITTLE RIVER NEAR ROCHELLE, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	4.87	6.19	5.56	6.78	19.86	11.74	10.16	10.17	5.56	4.36
2	---	4.59	4.87	6.04	5.66	6.88	21.12	11.42	10.07	9.95	5.39	4.35
3	---	4.59	4.90	5.97	6.06	6.96	26.08	11.35	10.04	9.96	5.24	4.33
4	---	4.57	4.94	5.89	6.31	7.07	29.62	13.09	10.10	9.61	5.11	4.31
5	---	4.53	5.05	5.80	6.42	7.35	34.04	16.98	10.17	9.17	5.01	4.29
6	---	4.48	5.11	5.75	6.50	7.56	36.64	18.74	10.17	9.05	4.94	4.27
7	---	4.45	5.32	5.72	6.54	7.57	36.38	19.16	10.12	8.61	4.92	4.26
8	---	4.43	5.28	5.65	6.50	7.48	35.35	19.27	10.19	8.22	4.90	4.26
9	---	4.41	5.15	5.63	6.43	7.35	34.22	19.18	10.50	7.85	4.85	4.30
10	---	4.40	5.04	5.62	6.37	7.31	33.19	18.82	10.90	7.50	4.79	4.35
11	---	4.39	5.12	5.61	6.30	8.70	32.26	18.06	11.34	7.22	4.74	4.37
12	---	4.38	5.30	5.61	6.24	10.26	31.42	17.01	11.62	6.92	4.69	4.37
13	---	4.40	5.48	5.59	6.25	10.73	30.61	16.18	11.73	6.58	4.63	4.39
14	---	4.43	5.68	5.61	6.21	11.14	29.72	15.67	11.54	6.27	4.59	4.45
15	---	4.44	5.69	5.61	6.26	11.23	28.85	15.17	11.21	6.00	4.56	4.50
16	---	4.46	5.66	5.56	6.30	12.61	27.98	14.22	10.86	5.76	4.55	4.49
17	---	4.48	5.59	5.54	6.96	12.90	26.97	12.67	10.53	5.54	4.53	---
18	---	4.52	5.77	5.58	7.73	12.57	25.52	11.44	10.36	5.37	4.51	---
19	---	4.56	6.56	5.62	7.89	12.59	23.36	10.86	10.27	5.24	4.49	---
20	---	4.61	7.05	5.60	7.67	13.75	20.73	10.66	10.13	5.12	4.48	---
21	---	4.69	7.32	5.59	7.33	15.05	18.26	10.58	10.07	5.02	4.46	4.37
22	---	4.78	7.54	5.56	7.12	16.15	16.39	10.47	10.01	4.97	4.46	4.37
23	---	4.81	7.46	5.50	7.05	17.20	14.98	10.32	9.90	4.92	4.46	4.38
24	---	4.76	7.39	5.49	6.94	17.90	14.97	10.41	9.77	4.85	4.45	4.38
25	---	4.85	7.28	5.51	6.86	18.46	15.39	10.73	9.63	4.78	4.44	4.40
26	---	4.84	7.10	5.47	6.79	18.56	14.97	10.95	9.51	4.74	4.44	4.38
27	---	4.82	6.95	5.44	6.77	18.08	14.51	10.99	9.53	4.71	4.42	4.35
28	---	4.82	6.85	5.52	6.79	17.47	13.49	10.92	9.56	4.70	4.39	4.32
29	---	4.82	6.73	5.49	6.80	17.31	12.47	10.78	9.67	4.67	4.37	4.31
30	---	4.87	6.57	5.48	---	18.49	12.03	10.50	9.97	4.80	4.37	4.30
31	---	---	6.37	5.50	---	19.50	---	10.29	---	5.34	4.37	---
MAX	---	---	7.54	6.19	7.89	19.50	36.64	19.27	11.73	10.17	5.56	---
MIN	---	---	4.87	5.44	5.56	6.78	12.03	10.29	9.51	4.67	4.37	---

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.

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 sea level. See WDR-LA-88-1 for history of changes prior to Oct. 1, 1988.

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

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 3	1700	*1,550	*10.30	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	19	13	18	18	16	29	16	11	43	12	4.2
2	12	15	13	17	17	15	92	18	16	25	9.3	4.0
3	11	14	17	22	17	14	1040	43	12	33	8.8	4.1
4	11	14	26	27	17	14	619	83	10	20	8.3	4.0
5	11	14	54	21	16	14	98	124	20	14	8.4	3.7
6	10	14	29	18	16	14	59	47	18	12	7.9	3.5
7	11	14	19	18	16	14	45	31	14	11	8.0	3.7
8	20	14	17	18	23	14	37	24	12	11	6.9	4.6
9	65	14	16	20	17	14	31	21	11	10	6.6	7.0
10	26	14	19	18	16	17	28	19	11	12	6.5	9.9
11	18	14	19	17	16	95	27	18	12	10	6.6	10
12	16	13	24	17	16	38	30	17	11	9.7	6.4	10
13	15	13	46	17	16	23	46	19	11	9.1	5.8	9.4
14	15	14	27	17	18	21	35	20	10	8.8	5.4	8.9
15	14	14	20	16	17	32	30	16	10	9.2	5.4	8.1
16	14	13	18	16	16	62	27	15	11	8.4	5.8	6.9
17	14	13	17	16	16	31	25	15	13	7.9	5.6	5.9
18	14	13	69	16	16	27	22	14	14	7.8	5.7	5.7
19	14	14	54	17	17	65	21	14	18	7.3	5.2	5.7
20	14	20	30	16	15	45	19	27	14	7.0	4.9	5.6
21	14	19	49	15	15	30	18	29	13	6.8	4.7	5.8
22	14	16	34	16	15	80	17	19	12	8.2	5.5	6.1
23	14	15	25	16	15	47	18	16	11	8.0	8.5	6.1
24	13	15	22	16	16	31	60	15	10	7.3	7.0	5.9
25	14	20	20	15	15	26	32	13	9.8	7.0	6.2	7.4
26	14	19	20	15	16	40	23	12	8.8	6.5	5.8	5.8
27	14	16	21	16	18	53	19	13	9.8	6.9	5.6	5.8
28	13	15	18	29	17	38	20	15	20	6.0	5.2	5.7
29	13	14	18	26	15	28	19	15	17	6.0	4.8	5.6
30	13	13	18	21	---	69	17	13	17	14	4.5	5.5
31	17	---	19	19	---	41	---	12	---	21	4.4	---
TOTAL	490	449	811	566	478	1068	2603	773	387.4	373.9	201.7	184.6
MEAN	15.8	15.0	26.2	18.3	16.5	34.5	86.8	24.9	12.9	12.1	6.51	6.15
MAX	65	20	69	29	23	95	1040	124	20	43	12	10
MIN	10	13	13	15	15	14	17	12	8.8	6.0	4.4	3.5
AC-FT	972	891	1610	1120	948	2120	5160	1530	768	742	400	366
CFSM	.31	.29	.51	.36	.32	.68	1.70	.49	.25	.24	.13	.12
IN.	.36	.33	.59	.41	.35	.78	1.90	.56	.28	.27	.15	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2000, BY WATER YEAR (WY)

	MEAN	32.7	49.1	70.9	97.0	109	98.4	100	81.8	41.4	34.0	24.4	28.7
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	

RED RIVER BASIN

07373000 BIG CREEK AT POLLOCK, LA--Continued
(Hydrologic benchmark station)

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1943 - 2000	
ANNUAL TOTAL	17468.4		8385.6		64.0	
ANNUAL MEAN	47.9		22.9		139	
HIGHEST ANNUAL MEAN					22.7	
LOWEST ANNUAL MEAN					10100	
HIGHEST DAILY MEAN	1510	Jan 30	1040	Apr 3	10100	May 17 1953
LOWEST DAILY MEAN	9.6	Aug 31	3.5	Sep 6	3.5	Sep 6 2000
ANNUAL SEVEN-DAY MINIMUM	10	Aug 20	3.9	Sep 1	3.9	Sep 1 2000
INSTANTANEOUS PEAK FLOW			1550	Apr 3	23500	Apr 29 1953
INSTANTANEOUS PEAK STAGE			10.30	Apr 3	18.58	Nov 16 1987
INSTANTANEOUS LOW FLOW			a3.4	Sep 5	a3.4	Sep 5 2000
INSTANTANEOUS LOW STAGE			a2.52	Sep 5	1.08	Sep 29 1956
ANNUAL RUNOFF (AC-FT)	34650		16630		46400	
ANNUAL RUNOFF (CFSM)	.94		.45		1.26	
ANNUAL RUNOFF (INCHES)	12.74		6.12		17.06	
10 PERCENT EXCEEDS	67		32		94	
50 PERCENT EXCEEDS	22		15		29	
90 PERCENT EXCEEDS	12		6.0		13	

a Also occurred Sep 6, and 7, 2000

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.81	2.92	2.84	2.94	2.94	2.89	3.11	2.91	2.79	3.26	2.82	2.56
2	2.80	2.84	2.84	2.93	2.93	2.87	3.54	2.94	2.87	3.04	2.74	2.55
3	2.79	2.81	2.91	3.00	2.92	2.87	8.71	3.23	2.80	3.14	2.72	2.55
4	2.78	2.82	3.07	3.09	2.91	2.85	6.75	3.52	2.77	2.98	2.70	2.55
5	2.77	2.81	3.35	2.99	2.90	2.85	3.63	3.76	2.96	2.86	2.71	2.53
6	2.76	2.82	3.10	2.94	2.90	2.86	3.40	3.30	2.95	2.82	2.69	2.53
7	2.77	2.82	2.96	2.94	2.90	2.85	3.29	3.13	2.85	2.79	2.70	2.54
8	2.93	2.81	2.92	2.95	3.01	2.86	3.20	3.04	2.81	2.78	2.66	2.57
9	3.42	2.81	2.91	2.97	2.93	2.86	3.14	3.00	2.79	2.77	2.65	2.66
10	3.03	2.81	2.96	2.93	2.91	2.91	3.10	2.97	2.80	2.82	2.65	2.75
11	2.91	2.81	2.95	2.92	2.90	3.61	3.08	2.95	2.81	2.77	2.65	2.76
12	2.86	2.80	3.02	2.92	2.91	3.20	3.12	2.93	2.80	2.75	2.64	2.76
13	2.84	2.80	3.29	2.91	2.91	3.03	3.30	2.95	2.77	2.73	2.62	2.74
14	2.83	2.81	3.08	2.92	2.93	2.99	3.19	2.98	2.76	2.72	2.61	2.72
15	2.83	2.81	2.98	2.90	2.92	3.12	3.13	2.91	2.77	2.73	2.61	2.70
16	2.82	2.80	2.93	2.89	2.91	3.41	3.08	2.89	2.77	2.71	2.62	2.66
17	2.82	2.81	2.92	2.91	2.89	3.14	3.05	2.88	2.84	2.69	2.61	2.63
18	2.81	2.80	3.40	2.91	2.90	3.08	3.02	2.86	2.86	2.69	2.62	2.62
19	2.81	2.81	3.34	2.91	2.91	3.44	2.99	2.86	2.94	2.68	2.60	2.62
20	2.82	2.94	3.12	2.90	2.89	3.28	2.97	3.07	2.87	2.66	2.59	2.62
21	2.82	2.91	3.32	2.89	2.88	3.12	2.95	3.10	2.84	2.66	2.58	2.62
22	2.82	2.86	3.17	2.90	2.88	3.53	2.93	2.96	2.80	2.70	2.61	2.64
23	2.81	2.85	3.06	2.91	2.88	3.29	2.94	2.90	2.78	2.69	2.71	2.64
24	2.80	2.85	3.01	2.90	2.89	3.13	3.40	2.87	2.77	2.67	2.67	2.63
25	2.81	2.95	2.98	2.89	2.89	3.07	3.15	2.83	2.75	2.67	2.64	2.68
26	2.81	2.95	2.97	2.89	2.90	3.23	3.02	2.82	2.72	2.65	2.62	2.62
27	2.81	2.89	2.99	2.90	2.94	3.35	2.96	2.83	2.75	2.66	2.61	2.62
28	2.79	2.86	2.95	3.11	2.92	3.21	2.98	2.89	2.96	2.63	2.60	2.62
29	2.79	2.86	2.94	3.07	2.89	3.10	2.96	2.88	2.93	2.63	2.58	2.62
30	2.79	2.85	2.93	2.99	---	3.47	2.93	2.83	2.90	2.83	2.57	2.61
31	2.88	---	2.96	2.96	---	3.24	---	2.80	---	2.99	2.57	---
MAX	3.42	2.95	3.40	3.11	3.01	3.61	8.71	3.76	2.96	3.26	2.82	2.76
MIN	2.76	2.80	2.84	2.89	2.88	2.85	2.93	2.80	2.72	2.63	2.57	2.53

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°45'30", long 91°23'45", in lot 31, T. 3 S., R. 11 E., Pointe Coupee-West Feliciana Parish line, Hydrologic Unit 08070100, at State Highway 10 Ferry Crossing, 2.0 mi southwest of St. Francisville, and at mile 266.0.

DRAINAGE AREA.--1,125,300 mi², contributing.

PERIOD OF RECORD.--Water years 1954 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1954 to September 1972, October 1974 to April 17, 1990.

WATER TEMPERATURES: August 1954 to September 1972, October 1974 to April 17, 1990.

SULFATE: October 1974 to September 1978.

CHLORIDE: October 1974 to April 17, 1990.

DISSOLVED SOLIDS: October 1978 to April 17, 1990.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 683 micromhos Oct. 16, 1955; minimum daily, 173 micromhos Apr. 15, 1955.

WATER TEMPERATURES: Maximum daily, 32.0°C July 24, 1983; minimum daily, 1.0°C Jan. 29, 30, 1961, Dec. 25, 1989.

SULFATE: Maximum daily, 90 mg/L Oct. 14, 1957; minimum daily, 21 mg/L May 20, 1978.

CHLORIDE: Maximum daily, 63 mg/L July 5, 1977; minimum daily, 7.2 mg/L Nov. 2, 1984.

DISSOLVED SOLIDS: Maximum, 321 mg/L Jan. 21-31, 1981; minimum, 125 mg/L Mar. 1-10, 1989.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT ITY UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	TOTAL COLI- FORM, M ENDO MF, WTR (COL/ 100 ML) (31501)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)
NOV												
11...	1130	160000	550	7.8	17.0	0	16	9.0	.8	K130	92	K2
DEC												
01...	1100	137000	518	7.3	13.6	0	20	11.9	1.4	K83	K31	<2
JAN												
27...	1045	200000	425	8.0	7.0	30	50	10.1	1.0	--	K25	80
FEB												
17...	1200	154000	486	8.1	8.8	10	18	10.9	3.8	--	K5	K5
MAR												
14...	1045	400000	401	7.6	13.0	20	80	10.8	1.3	--	80	84
29...	0900	453000	413	7.3	14.2	15	52	8.6	.7	--	K30	K27
APR												
12...	1100	491000	416	7.4	16.1	20	60	8.7	1.4	--	K3	110
MAY												
10...	1100	439000	403	7.8	20.8	15	36	8.3	1.5	--	K42	K3
23...	1045	322000	374	7.6	23.6	30	74	6.7	.7	--	130	K40
JUN												
06...	1030	412000	539	7.4	25.4	5	46	6.7	1.6	--	K140	K38
23...	1000	364000	454	7.6	27.5	5	35	7.0	1.1	--	K22	K21
JUL												
18...	1200	415000	440	7.9	30.5	15	51	8.0	--	--	85	K25
AUG												
25...	1045	247000	429	8.1	30.5	5	65	--	1.7	--	K720	100
SEP												
21...	0830	177000	469	8.0	26.2	5	29	8.3	--	--	K5	60

DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
NOV												
11...	180	44.3	17.0	37.4	3.6	141	140	91.2	23.4	.2	6.6	323
DEC												
01...	200	48.4	18.1	37.4	3.8	142	130	92.4	27.9	.3	6.7	323
JAN												
27...	150	39.3	12.4	23.5	3.0	112	109	58.6	24.5	.2	5.2	256
FEB												
17...	180	47.5	15.8	27.3	3.6	147	144	60.7	24.0	.2	7.2	288
MAR												
14...	140	37.3	11.3	23.6	3.2	100	97	46.6	30.5	.2	6.2	240
29...	140	36.8	11.2	24.6	3.0	97	93	48.9	31.3	.2	6.2	228
APR												
12...	130	35.0	10.5	25.7	3.3	93	92	43.5	31.3	.2	5.7	228
MAY												
10...	150	38.1	12.1	25.1	2.9	94	93	54.8	28.6	.2	4.8	237
23...	130	33.1	10.3	22.4	3.0	92	92	45.3	25.4	.2	5.0	217
JUN												
06...	150	38.2	13.5	22.4	3.2	106	105	51.7	22.5	.2	3.8	--
23...	160	40.5	14.8	23.7	3.3	120	117	54.3	26.5	.2	6.2	266
JUL												
18...	160	41.5	14.0	20.2	3.7	119	117	43.7	21.0	.2	7.8	252
AUG												
25...	150	37.8	13.1	22.6	3.6	107	108	53.1	19.7	.2	4.8	238
SEP												
21...	170	44.3	15.3	27.1	3.8	140	138	62.9	21.8	.2	3.3	282

LOWER MISSISSIPPI RIVER BASIN

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) (00608)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L) (00623)	PHOS- PHORUS TOTAL (MG/L) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) (00671)	ALUM- INUM, DIS- SOLVED (UG/L) (01106)	ANTI- MONY, DIS- SOLVED (UG/L) (01095)	ARSENIC DIS- SOLVED (UG/L) (01000)
NOV												
11...	311	<.010	.723	<.020	.50	.21	.155	.077	.067	--	--	E1.6
DEC												
01...	317	<.010	.740	.043	.76	.32	.138	.058	.054	1	<1	E1.6
JAN												
27...	237	.014	1.05	.058	.51	.34	.187	.062	.051	--	--	<2.0
FEB												
17...	278	.012	1.12	.083	.53	.38	.133	.045	.038	2	<1	<2.0
MAR												
14...	224	.025	1.43	<.020	.79	.31	.200	.059	.053	--	--	E1.3
29...	225	.028	1.46	<.020	.63	.27	.232	.065	.063	--	--	<2.0
APR												
12...	215	.027	1.07	.020	.68	.28	--	.058	.047	--	--	E1.8
MAY												
10...	228	<.010	1.18	<.020	.52	.22	.156	.071	.064	21	<1	<2.0
23...	205	<.010	1.15	<.020	1.1	.22	.277	.072	.070	--	--	<2.0
JUN												
06...	224	<.010	1.12	<.020	.61	.19	.204	.065	.054	--	--	E1.2
23...	240	<.010	--	<.020	.56	.29	.225	.109	.104	--	--	E1.4
JUL												
18...	235	<.010	2.79	<.020	.70	.27	.291	.123	.107	3	<1	E2.0
AUG												
25...	225	<.010	.976	<.020	.60	.24	.284	.096	.083	--	--	E1.6
SEP												
21...	265	<.010	.640	<.020	.59	.25	.189	.086	.074	--	--	E1.9
DATE	BARIUM, DIS- SOLVED (UG/L) AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L) AS BE) (01010)	BORON, DIS- SOLVED (UG/L) AS B) (01020)	CADMIUM, DIS- SOLVED (UG/L) AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L) AS CR) (01030)	COBALT, DIS- SOLVED (UG/L) AS CO) (01035)	COPPER, DIS- SOLVED (UG/L) AS CU) (01040)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	LEAD, DIS- SOLVED (UG/L) AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L) AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO) (01060)
NOV												
11...	--	--	73	--	--	--	--	<10	--	16.4	--	--
DEC												
01...	75	<1	78	<1.0	<.8	<1	2	<10	<1	15.4	2	3
JAN												
27...	--	--	45	--	--	--	--	<10	--	5.5	--	--
FEB												
17...	67	<1	55	<1.0	<1.0	<1	1	<10	<1	10.5	10	2
MAR												
14...	--	--	40	--	--	--	--	E10	--	4.6	--	--
29...	--	--	37	--	--	--	--	E10	--	5.6	--	--
APR												
12...	--	--	40	--	--	--	--	E10	--	4.6	--	--
MAY												
10...	54	<1	48	<1.0	<.8	<1	2	<10	<1	6.1	<1	2
23...	--	--	38	--	--	--	--	<10	--	6.4	--	--
JUN												
06...	--	--	48	--	--	--	--	<10	--	6.6	--	--
23...	--	--	47	--	--	--	--	<10	--	6.1	--	--
JUL												
18...	61	<1	47	<1.0	<.8	<1	2	<10	<1	6.2	<1	2
AUG												
25...	--	--	63	--	--	--	--	<10	--	8.5	--	--
SEP												
21...	--	--	62	--	--	--	--	<10	--	9.4	--	--

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)
NOV 11...	--	<2.4	--	259	<10	--	--	3.5	1.6	<.007	<.002	.022
DEC 01...	2	<2.4	<1	284	<10	1	2	3.6	1.1	<.007	<.002	.050
JAN 27...	--	<2.4	--	198	<10	--	--	3.5	1.4	<.007	<.002	.041
FEB 17...	2	<2.4	<1	238	<10	1	2	3.4	1.0	<.007	<.002	.017
MAR 14...	--	<2.4	--	183	<10	--	--	4.2	3.1	<.007	<.002	.053
29...	--	<2.4	--	183	<10	--	--	4.3	2.8	<.007	<.002	.104
APR 12...	--	<2.4	--	178	<10	--	--	4.1	3.6	<.007	<.002	.045
MAY 10...	2	<2.4	<1	190	<10	5	<1	3.4	1.5	<.007	<.002	.076
23...	--	<2.4	--	172	<10	--	--	3.8	1.6	<.007	<.002	.086
JUN 06...	--	<2.4	--	199	<10	--	--	3.3	2.1	<.007	<.002	.167
23...	--	<2.4	--	201	<10	--	--	4.5	1.7	<.007	<.002	.058
JUL 18...	2	<2.4	<1	186	<10	1	1	4.0	1.9	<.007	<.002	.048
AUG 25...	--	<2.4	--	188	<10	--	--	3.5	1.6	<.007	<.002	.027
SEP 21...	--	<2.4	--	217	<10	--	--	3.4	2.4	<.007	<.002	.014

DATE	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P, P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THON, DIS- SOLVED (UG/L) (39532)
NOV 11...	E.008	E.032	.011	<.003	<.002	<.006	<.004	<.004	<.001	.030	<.005
DEC 01...	E.009	E.026	<.020	<.003	<.002	<.006	<.004	<.004	<.001	.035	<.005
JAN 27...	E.008	E.035	.009	<.003	<.002	<.006	<.004	<.004	<.001	.067	<.005
FEB 17...	E.005	E.040	<.010	<.003	<.002	<.006	<.004	<.004	<.001	.043	<.005
MAR 14...	E.004	E.027	<.010	<.003	<.002	<.006	<.004	<.004	<.001	.072	<.005
29...	E.004	E.035	.012	<.003	<.002	<.006	<.004	<.004	<.001	.111	<.005
APR 12...	E.008	E.042	.016	<.003	<.002	<.006	<.004	<.004	<.001	.170	<.005
MAY 10...	E.010	E.055	.027	<.003	<.002	E.002	<.004	<.004	.004	.309	<.005
23...	E.014	E.11	.018	<.003	<.002	<.006	<.004	<.004	<.001	.283	<.005
JUN 06...	E.011	E.22	.020	<.003	<.002	<.006	<.004	<.004	<.001	.447	.010
23...	E.016	E.20	.029	<.003	<.002	<.006	<.005	<.004	<.001	.611	.019
JUL 18...	E.010	E.25	.024	<.003	<.002	<.006	<.004	<.004	<.001	.325	.006
AUG 25...	E.017	E.071	.022	<.003	<.002	<.006	<.004	<.004	<.001	.055	.022
SEP 21...	E.010	E.064	.008	<.003	<.002	<.006	<.004	<.004	<.001	.032	.008

LOWER MISSISSIPPI RIVER BASIN

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)
NOV											
11...	<.004	<.002	.126	<.002	.012	<.004	<.003	<.002	<.004	<.002	<.007
DEC											
01...	<.004	.012	.110	<.002	.016	<.004	<.003	<.002	<.004	<.002	<.007
JAN											
27...	<.004	E.003	.142	.009	.009	<.004	<.003	<.002	<.004	<.002	<.007
FEB											
17...	<.004	.005	.139	.005	.007	<.004	<.003	<.002	<.004	<.002	<.007
MAR											
14...	<.004	E.002	.142	<.002	.021	.005	<.003	<.002	<.004	<.002	<.007
29...	<.004	E.002	.356	<.002	.016	<.004	<.003	<.002	<.004	<.002	<.007
APR											
12...	<.004	.005	.558	.008	.034	<.010	<.003	<.002	<.004	<.002	<.007
MAY											
10...	<.004	E.003	.903	.008	.064	.020	<.003	E.001	<.004	<.002	<.007
23...	<.004	.014	1.30	.056	.078	.017	<.003	E.001	<.004	<.002	<.007
JUN											
06...	<.004	E.003	2.01	.040	.133	.023	<.003	E.001	<.004	<.002	<.007
23...	<.004	.005	1.96	.020	.212	.017	<.003	E.004	<.004	<.002	<.007
JUL											
18...	<.004	<.002	1.06	.011	.068	.008	<.003	<.002	<.004	<.002	<.007
AUG											
25...	<.004	E.004	.235	.006	.008	<.004	<.003	<.002	<.004	<.002	<.007
SEP											
21...	<.004	<.002	.147	<.002	E.004	<.004	<.003	<.002	<.004	<.002	<.007
DATE	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
NOV											
11...	<.002	<.006	<.002	<.004	<.010	<.004	<.003	<.002	<.003	<.013	<.003
DEC											
01...	<.002	<.006	<.002	<.004	<.020	<.004	<.003	<.002	<.003	<.013	<.003
JAN											
27...	<.002	<.006	<.002	<.004	E.008	<.004	<.003	<.002	<.003	<.013	<.003
FEB											
17...	<.002	<.006	<.002	<.004	E.008	<.004	<.003	<.002	<.003	<.013	<.003
MAR											
14...	<.002	<.006	<.002	<.004	E.008	<.004	<.003	<.002	<.003	<.013	<.003
29...	<.002	<.006	<.002	<.004	E.009	<.004	<.003	<.002	<.003	<.013	<.003
APR											
12...	<.002	<.006	<.002	<.004	E.015	<.004	<.003	<.002	<.003	<.013	<.003
MAY											
10...	<.002	<.006	E.001	<.004	E.009	<.004	<.003	<.002	<.003	<.013	<.003
23...	<.002	<.006	<.002	<.004	.019	.005	<.003	<.002	<.010	<.013	<.003
JUN											
06...	<.002	<.006	<.002	<.004	.012	E.004	<.003	<.002	E.006	<.013	<.003
23...	<.002	<.006	<.002	<.004	.016	.012	<.003	<.002	E.006	<.013	<.003
JUL											
18...	<.002	<.006	<.002	<.004	E.009	.017	<.003	<.002	<.003	<.013	<.003
AUG											
25...	<.002	<.006	<.002	<.004	.012	<.004	<.003	<.002	<.003	<.013	<.003
SEP											
21...	<.002	<.006	<.002	<.004	E.010	<.004	<.003	<.002	<.003	<.013	<.003

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
NOV											
11...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
DEC											
01...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JAN											
27...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
FEB											
17...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAR											
14...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
29...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
APR											
12...	<.017	<.001	<.004	<.003	<.002	<.002	<.010	<.003	<.013	<.001	<.005
MAY											
10...	<.017	<.001	<.004	<.003	<.002	<.002	.012	<.003	<.013	<.001	<.005
23...	<.017	<.001	<.004	<.003	<.002	<.002	<.011	<.003	<.013	<.001	<.005
JUN											
06...	<.017	<.001	<.004	<.003	<.002	<.002	.007	<.003	<.013	<.001	<.005
23...	<.017	<.001	<.004	<.003	<.002	<.002	<.006	<.003	<.013	<.010	<.005
JUL											
18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
AUG											
25...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
SEP											
21...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	--	<.001	<.005
DATE	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	AN- TIMONY SED. SUSP. (UG/G) (29816)	ARSENIC SED. SUSP. (UG/G) (29818)	BARIUM SED. SUSP. (UG/G) (29820)	BERYL- LIUM SED. SUSP. (UG/G) (29822)	CADMIUM SED. SUSP. (UG/G) (29826)	CHRO- MIUM SED. SUSP. (UG/G) (29829)
NOV											
11...	4.2	.2	49	21200	96	--	--	--	--	--	--
DEC											
01...	3.5	<.1	70	25900	97	1.5	14	660	2	.7	60
JAN											
27...	1.0	<.1	74	40000	99	--	--	--	--	--	--
FEB											
17...	4.6	.2	37	15400	96	1.4	16	600	2	.3	66
MAR											
14...	.7	<.1	198	214000	80	--	--	--	--	--	--
29...	1.4	<.1	213	261000	73	--	--	--	--	--	--
APR											
12...	E.6	<.1	147	195000	95	--	--	--	--	--	--
MAY											
10...	1.4	<.1	120	142000	79	.9	12	640	2	.6	68
23...	.6	<.1	205	178000	96	--	--	--	--	--	--
JUN											
06...	1.4	<.1	198	220000	83	--	--	--	--	--	--
23...	1.4	<.1	127	125000	89	--	--	--	--	--	--
JUL											
18...	2.9	.2	188	211000	87	1.0	8.9	620	2	.5	73
AUG											
25...	9.8	.4	146	97400	97	--	--	--	--	--	--
SEP											
21...	.1	.4	56	26800	96	--	--	--	--	--	--

LOWER MISSISSIPPI RIVER BASIN

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	COPPER SED. SUSP. (UG/G) (29832)	LEAD SED. SUSP. (UG/G) (29836)	MAN- GANESE SED. SUSP. (UG/G) (29839)	MERCURY SED. SUSP. (UG/G) (29841)	MOLYB- DENUM SED. SUSP. (UG/G) (29843)	NICKEL SED. SUSP. (UG/G) (29845)	SELE- NIUM SED. SUSP. (UG/G) (29847)	SILVER SED. SUSP. (UG/G) (29850)	VANA- DIUM SED. SUSP. (UG/G) (29853)	ZINC SED. SUSP. (UG/G) (29855)	ALUM- INUM SED,SUS PERCENT (30221)
NOV 11...	--	--	--	--	--	--	--	--	--	--	--
DEC 01...	25	23	2900	<.02	12	39	1	<1	97	130	5.8
JAN 27...	--	--	--	--	--	--	--	--	--	--	--
FEB 17...	23	33	2000	.26	<10	39	1	<1	89	130	5.7
MAR 14...	--	--	--	--	--	--	--	--	--	--	--
MAR 29...	--	--	--	--	--	--	--	--	--	--	--
APR 12...	--	--	--	--	--	--	--	--	--	--	--
MAY 10...	24	26	1400	.06	<5	40	1	<1	92	130	6.5
MAY 23...	--	--	--	--	--	--	--	--	--	--	--
JUN 06...	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	--	--	--	--	--	--	--	--	--	--	--
JUL 18...	26	25	1300	.05	2	39	1	<1	99	110	6.2
AUG 25...	--	--	--	--	--	--	--	--	--	--	--
SEP 21...	--	--	--	--	--	--	--	--	--	--	--

DATE	CARBON SED. SUSP. PERCENT (30244)	IRON SEDI- MENT SUSP. PERCENT (30269)	PHOS- PHORUS SEDI- MENT SUSP. PERCENT (30292)	TITA- NIUM SEDI- MENT SUSP. PERCENT (30317)	COBALT SEDI- MENT SUSP. (UG/G) (35031)	STRON- TIUM SEDI- MENT SUSP. (UG/G) (35040)	URANIUM SEDI- MENT SUSP. (UG/G) (35046)	LITHIUM SEDI- MENT SUSP. (UG/G) (35050)	THAL- LIUM SUS SED (UG/G) (49955)	SEDI- MENT SUSP., FLOW- THROUGH CENTRIF (MG/L) (50279)	CARBON, ORGANIC SUS- PENDEd, TOTAL PERCENT (50465)
NOV 11...	--	--	--	--	--	--	--	--	--	--	--
DEC 01...	3.1	3.2	.11	.35	14	250	<100	43	<100	49	2.4
JAN 27...	--	--	--	--	--	--	--	--	--	--	--
FEB 17...	2.3	3.2	.13	.34	12	240	<100	42	<100	46	2.3
MAR 14...	--	--	--	--	--	--	--	--	--	--	--
MAR 29...	--	--	--	--	--	--	--	--	--	--	--
APR 12...	--	--	--	--	--	--	--	--	--	--	--
MAY 10...	1.5	3.1	.098	.34	16	150	<50	37	<50	117	1.5
MAY 23...	--	--	--	--	--	--	--	--	--	--	--
JUN 06...	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	--	--	--	--	--	--	--	--	--	--	--
JUL 18...	2.0	3.3	.099	.38	15	140	<50	42	<50	174	1.7
AUG 25...	--	--	--	--	--	--	--	--	--	--	--
SEP 21...	--	--	--	--	--	--	--	--	--	--	--

E Estimated value.

< 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).

M Presence of material verified but not quantified.

073745253 REGGIO CANAL NEAR WILLIS POINT, LA

LOCATION.--Lat 29°47'03", long 89°56'15", Plaquemines Parish, Hydrologic Unit 08090203, on a four-pile platform 6 miles southwest of Caernarvon.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 2.53 ft, Oct. 9, 1999; minimum, -0.73 ft, Dec. 27, 28, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.53 ft, Oct. 9; minimum elevation, -0.73 ft, Dec. 27, 28.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.48	1.35	1.42	---	---	---	.78	.60	.70	.22	-.01	.12
2	1.49	1.39	1.43	---	---	---	.78	.65	.69	.34	.17	.27
3	1.55	1.39	1.47	---	---	---	1.00	.78	.91	.55	.30	.46
4	1.63	1.49	1.55	.35	.25	.30	1.21	1.00	1.14	.63	.08	.41
5	1.62	1.56	1.59	.50	.35	.44	1.27	1.05	1.20	.08	-.23	-.12
6	1.72	1.55	1.61	.57	.44	.52	1.05	.67	.85	.12	-.07	.05
7	2.04	1.72	1.88	.58	.40	.50	.84	.68	.77	.28	.05	.18
8	2.47	2.04	2.28	.58	.45	.52	.96	.73	.89	.37	.13	.27
9	2.53	2.39	2.47	.77	.57	.71	1.04	.90	.98	.48	.26	.38
10	2.39	2.12	2.27	.97	.77	.90	.95	.71	.87	.33	.10	.24
11	2.12	1.83	1.97	1.03	.87	.97	.91	.71	.83	.28	.06	.17
12	1.83	1.68	1.77	.98	.81	.91	1.00	.83	.94	.30	.08	.19
13	1.68	1.48	1.59	1.01	.81	.93	.93	.67	.85	.26	.10	.17
14	1.49	1.37	1.45	.98	.76	.90	.67	.36	.50	.54	.10	.28
15	1.41	1.31	1.37	.76	.40	.60	.45	.08	.31	.74	.54	.67
16	1.40	1.29	1.34	.56	.35	.46	.33	-.04	.12	.65	.30	.45
17	1.32	1.14	1.25	.71	.43	.59	.42	.33	.38	.41	.18	.30
18	1.14	.94	1.03	.75	.61	.69	.76	.41	.64	.42	.21	.30
19	.97	.86	.92	.81	.67	.76	.65	.35	.47	.43	.25	.35
20	.87	.66	.76	.85	.75	.80	.64	.46	.54	.39	.26	.32
21	.84	.62	.74	.88	.78	.82	.96	.64	.87	.51	.26	.40
22	.79	.61	.67	1.00	.88	.95	.91	.63	.81	.60	.37	.51
23	.61	.25	.39	1.14	.98	1.08	.77	.51	.68	.66	.40	.56
24	.58	.27	.43	1.14	.98	1.09	.55	.16	.42	.40	.26	.34
25	.61	.44	.54	1.06	.85	.99	.20	-.05	.11	.26	.15	.23
26	.65	.46	.56	.85	.51	.71	.08	-.28	-.06	.15	.02	.08
27	.68	.46	.58	.73	.51	.63	-.28	-.73	-.51	.67	.04	.32
28	.69	.48	.59	.68	.48	.60	-.59	-.73	-.66	1.13	.67	.94
29	.85	.49	.73	.49	.24	.41	-.15	-.62	-.38	1.15	.83	1.03
30	1.13	.84	1.02	.62	.22	.44	.03	-.15	-.01	.83	.40	.62
31	1.30	1.12	1.24	---	---	---	.11	-.11	.00	.45	.26	.36
MONTH	2.53	.25	1.26	---	---	---	1.27	-.73	.51	1.15	-.23	.35

MISSISSIPPI RIVER DELTA

073745253 REGGIO CANAL NEAR WILLIS POINT, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.42	.28	.36	.89	.74	.82	1.10	.91	1.00	.94	.76	.86
2	.44	.20	.34	.75	.63	.69	1.18	1.10	1.15	1.00	.92	.96
3	.34	.01	.20	.76	.57	.70	1.21	1.12	1.17	1.19	.99	1.09
4	.11	-.32	-.06	.57	.39	.46	1.12	.73	.90	1.31	1.14	1.22
5	-.14	-.38	-.26	.56	.41	.51	.86	.71	.77	1.45	1.27	1.34
6	-.15	-.35	-.25	.70	.56	.66	.86	.82	.84	1.50	1.42	1.46
7	-.04	-.28	-.16	.81	.68	.75	.95	.84	.87	1.50	1.43	1.46
8	-.04	-.23	-.14	.88	.79	.84	.95	.76	.85	1.44	1.32	1.38
9	-.08	-.31	-.18	.85	.74	.76	.92	.73	.78	1.35	1.23	1.29
10	-.12	-.28	-.23	.88	.70	.76	.94	.88	.91	1.25	1.11	1.18
11	.06	-.12	-.07	.88	.74	.81	1.03	.94	.96	1.13	.99	1.04
12	.15	-.09	.01	.82	.67	.72	1.12	1.03	1.07	1.01	.90	.95
13	.31	.10	.18	.95	.79	.83	1.15	1.08	1.12	.94	.81	.88
14	.38	.15	.27	1.18	.95	1.05	1.20	1.11	1.14	.87	.74	.80
15	.44	.28	.36	1.55	1.18	1.39	1.29	1.20	1.27	.96	.81	.89
16	.59	.38	.49	1.70	1.55	1.66	1.33	1.28	1.30	.91	.80	.85
17	.55	.40	.48	1.66	1.53	1.63	1.29	1.13	1.22	1.02	.79	.90
18	.70	.47	.62	1.54	1.42	1.47	1.13	1.09	1.11	1.09	.95	1.02
19	.64	.29	.51	1.55	1.33	1.46	1.11	.98	1.01	1.08	.98	1.03
20	.42	.22	.33	1.33	1.16	1.21	.99	.83	.90	1.05	.95	1.01
21	.41	.21	.33	1.27	1.15	1.20	.83	.57	.68	1.03	.89	.94
22	.57	.30	.41	1.27	1.23	1.25	.73	.49	.58	.89	.71	.79
23	.80	.57	.71	1.27	1.19	1.22	.93	.68	.77	.79	.59	.66
24	.87	.77	.81	1.28	1.25	1.27	.96	.72	.85	.62	.44	.51
25	1.00	.83	.90	1.25	1.01	1.10	.72	.55	.63	.55	.38	.45
26	1.06	1.00	1.03	1.01	.72	.83	.65	.53	.59	.66	.47	.54
27	1.04	.75	.90	.72	.62	.66	.63	.45	.53	.67	.61	.64
28	.87	.70	.76	1.05	.72	.86	.49	.24	.35	.63	.34	.48
29	.90	.77	.84	1.12	1.05	1.09	.62	.28	.44	.34	.22	.28
30	---	---	---	1.11	.86	.99	.76	.61	.66	.65	.29	.46
31	---	---	---	.91	.74	.81	---	---	---	.93	.58	.74
MONTH	1.06	-.38	.33	1.70	.39	.98	1.33	.24	.88	1.50	.22	.91
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.11	.92	1.01	1.09	.92	1.00	.92	.77	.84	.98	.80	.88
2	1.11	1.00	1.06	1.11	.99	1.05	.98	.80	.87	.81	.65	.73
3	1.08	.94	1.00	1.18	1.05	1.10	1.01	.96	.99	.86	.68	.79
4	1.00	.93	.95	1.23	1.11	1.16	1.00	.89	.93	1.03	.86	.97
5	.94	.77	.83	1.23	1.16	1.20	.89	.72	.79	1.08	.94	1.01
6	.83	.70	.76	1.22	1.09	1.15	.75	.68	.71	1.39	1.00	1.17
7	1.00	.81	.87	1.12	.97	1.03	.97	.71	.85	1.79	1.39	1.61
8	1.08	.94	.99	.99	.89	.93	1.00	.87	.93	1.98	1.78	1.87
9	1.15	1.06	1.10	.89	.81	.87	.94	.85	.89	2.07	1.92	1.98
10	1.22	1.15	1.19	.85	.76	.80	.86	.77	.81	1.97	1.78	1.84
11	1.24	1.17	1.21	.79	.66	.71	.91	.70	.80	1.78	1.68	1.73
12	1.22	1.12	1.16	.66	.57	.60	.91	.76	.83	1.76	1.69	1.71
13	1.16	1.10	1.12	.57	.38	.44	1.01	.76	.86	1.69	1.52	1.61
14	1.11	1.05	1.08	.40	.17	.26	1.08	.90	.98	1.52	1.33	1.41
15	1.19	1.02	1.09	.41	.12	.23	1.05	.92	.96	1.33	1.13	1.21
16	1.26	1.09	1.16	.49	.28	.36	.93	.71	.79	1.39	1.18	1.27
17	1.34	1.21	1.26	.48	.34	.40	.78	.62	.70	1.53	1.39	1.48
18	1.36	1.28	1.32	.44	.24	.34	.78	.63	.70	1.68	1.53	1.62
19	1.39	1.30	1.34	.39	.23	.31	.77	.52	.63	1.63	1.48	1.54
20	1.38	1.29	1.33	.37	.19	.27	.58	.47	.52	1.48	1.33	1.41
21	1.30	1.18	1.23	.36	.18	.27	.72	.52	.64	1.44	1.30	1.37
22	1.18	.97	1.05	.60	.36	.43	1.01	.75	.91	1.59	1.38	1.48
23	.98	.86	.91	.60	.41	.50	1.22	.98	1.12	1.57	1.42	1.49
24	.94	.78	.84	.46	.38	.42	1.24	1.12	1.18	1.42	1.22	1.30
25	.82	.74	.79	.67	.44	.54	1.22	1.13	1.17	1.22	.76	1.00
26	.87	.79	.85	.79	.57	.68	1.15	1.05	1.09	.76	.48	.58
27	1.02	.84	.93	.84	.63	.73	1.06	.92	.99	.77	.52	.63
28	1.03	.96	.99	.89	.70	.79	1.02	.88	.95	.91	.67	.77
29	.99	.87	.92	.86	.71	.79	.99	.72	.81	1.17	.90	1.02
30	1.05	.77	.90	.84	.69	.77	.82	.53	.64	1.31	1.17	1.27
31	---	---	---	.90	.67	.79	.98	.80	.88	---	---	---
MONTH	1.39	.70	1.04	1.23	.12	.67	1.24	.47	.86	2.07	.48	1.29

073745253 REGGIO CANAL NEAR WILLIS POINT, LA--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1999 to current year.

WATER TEMPERATURES: January 1999 to current year.

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

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 12,800 microsiemens, Feb. 26, 2000; minimum, 347 microsiemens, Feb. 10, 1999.

WATER TEMPERATURE: Maximum, 34.8°C, Aug. 14, 1999; minimum, 6.5°C, Jan. 26, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 12,800 microsiemens/cm, Feb. 26; minimum, 350 microsiemens/cm, July 26.

WATER TEMPERATURE: Maximum, 33.7°C, Aug. 18; minimum, 6.5°C, Jan. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5900	5050	5590	---	---	---	9670	8320	9090	2350	1560	1870
2	6540	5820	6090	---	---	---	9560	9100	9430	3410	1810	2470
3	7010	6120	6380	---	---	---	10400	9100	9800	7030	2340	5360
4	7590	6930	7200	6100	5330	5770	11700	10400	11000	7390	3580	5530
5	8020	7590	7780	6190	5550	5960	12100	9450	11600	3700	3350	3530
6	8240	7940	8100	6230	5880	6110	9450	8010	8340	3960	3620	3780
7	10400	8160	9070	6260	5870	6120	9080	8240	8600	4410	3940	4080
8	12200	10400	11600	6370	6120	6220	9190	8590	8910	6030	3960	5020
9	11900	7010	8700	7170	6080	6610	10700	9030	10000	7280	5310	6390
10	7620	6840	7190	8310	7170	7860	10500	8610	9830	7190	4920	6220
11	6850	6060	6350	8720	8020	8440	9490	8330	8840	5580	4570	5070
12	6470	6100	6270	8770	7000	7990	10700	9050	9850	6100	4660	5370
13	6240	5700	5900	8790	6700	7730	10500	9350	9940	5570	4500	5160
14	5870	5580	5710	8760	7890	8500	9350	7630	8080	8160	4380	5170
15	6800	5560	5830	7890	6140	6670	7900	7270	7500	10500	8160	9480
16	6150	5630	5900	7020	5970	6230	7460	6440	6890	10600	6320	7360
17	6140	5520	5870	7630	6510	6970	8160	7320	7810	7150	6690	6920
18	5710	4840	5100	8470	7590	7900	10300	8160	9400	7480	4590	6980
19	5720	5040	5320	9010	8230	8440	10300	7690	8770	4590	1330	2240
20	5980	5020	5460	9020	8480	8840	8840	6710	7950	1860	738	1250
21	5680	4970	5300	9190	8710	8940	9230	6300	7710	2980	759	1420
22	6070	5490	5920	9860	8900	9210	10200	7870	9290	3090	1440	2270
23	6150	4310	5150	10600	9360	9950	9160	7670	8500	2750	1580	2030
24	5020	4350	4560	10700	8040	10000	8120	6120	7280	3150	806	2200
25	5970	5020	5760	8520	7460	8030	6410	5570	5960	1090	732	879
26	6200	5700	5920	7460	6840	7150	6670	5800	6190	1220	843	1020
27	6270	5780	6050	7950	7200	7420	6290	5070	5470	1090	512	662
28	6350	5790	6100	8240	7740	7920	5740	4820	5270	7040	808	4890
29	7060	5730	6290	8080	6690	7470	4950	2510	3400	9030	4230	7510
30	8130	7060	7600	8320	6180	6730	2510	1020	1380	4230	2520	3030
31	---	---	---	---	---	---	2080	1520	1750	3530	2930	3130
MONTH	---	---	---	---	---	---	12100	1020	7870	10600	512	4140

MISSISSIPPI RIVER DELTA

073745253 REGGIO CANAL NEAR WILLIS POINT, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	4390	3370	3960	4560	2190	3030	1030	733	826	581	411	467
2	4560	3840	4320	2220	1770	2040	1440	1030	1290	546	396	422
3	4810	3740	4270	1770	1250	1480	1460	1210	1350	1000	398	511
4	4250	2520	3630	1650	1180	1500	1210	739	836	1000	409	516
5	3940	2360	3040	1450	911	1090	739	452	544	2700	428	1100
6	3940	2970	3400	920	521	726	487	443	468	3170	611	2240
7	4070	3320	3700	868	586	722	495	442	470	3400	448	1230
8	4290	3830	4100	891	504	668	523	438	484	589	470	532
9	4560	4180	4330	1340	591	981	504	423	467	573	470	529
10	4380	4090	4250	1170	474	752	433	411	423	564	491	529
11	4410	4150	4280	518	379	435	448	409	428	563	495	527
12	4900	4030	4470	609	467	556	437	407	422	543	495	516
13	6890	4900	5640	467	414	439	453	414	432	498	466	480
14	7780	3950	5840	417	399	408	436	411	425	483	455	469
15	7500	4140	5770	438	399	410	428	400	410	482	429	450
16	7980	4790	7000	741	420	595	465	408	436	443	424	435
17	8020	4790	6910	678	588	634	467	445	456	459	435	442
18	9050	6040	8040	750	655	708	484	450	458	462	427	438
19	8190	4480	6220	987	612	751	549	484	513	448	429	436
20	5610	5040	5270	971	564	709	558	527	539	468	438	450
21	6230	5030	5640	628	563	591	558	499	527	503	454	471
22	6930	6090	6280	697	577	627	558	525	537	507	475	495
23	9700	6930	8840	664	556	611	535	419	492	549	503	521
24	10300	9630	10000	666	553	582	605	392	481	558	533	546
25	11200	10200	10600	848	666	763	477	411	445	547	512	537
26	12800	10600	12100	939	752	825	478	402	450	543	505	522
27	12600	6200	8050	921	506	741	464	394	431	534	518	528
28	6530	5700	6150	507	480	494	505	427	460	552	517	534
29	6990	4560	5560	638	482	543	492	435	462	573	549	561
30	---	---	---	749	638	685	487	410	442	602	508	540
31	---	---	---	761	689	740	---	---	---	731	493	569
MONTH	12800	2360	5920	4560	379	833	1460	392	547	3400	396	598
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1980	731	1310	555	511	533	437	394	412	632	500	561
2	1920	496	990	517	481	500	431	403	417	545	505	526
3	581	494	517	490	463	475	445	422	431	590	507	546
4	517	497	508	479	453	466	428	419	421	565	507	527
5	523	486	510	486	452	465	436	428	432	557	527	541
6	492	472	485	504	444	480	441	415	431	569	540	549
7	504	484	496	495	453	475	433	391	412	803	541	595
8	502	481	491	470	449	461	403	388	397	1040	803	1000
9	494	481	489	476	453	462	415	396	407	1030	720	893
10	947	491	541	483	444	466	421	404	415	789	572	641
11	2730	780	1700	481	440	460	423	406	416	645	583	603
12	2730	551	1480	468	436	454	421	404	411	687	629	657
13	551	423	454	474	433	458	426	407	416	740	651	688
14	461	423	445	500	453	478	421	398	410	652	612	629
15	465	426	445	490	446	475	418	405	412	695	618	640
16	449	412	428	453	426	433	423	406	416	693	630	667
17	433	411	424	446	415	430	438	406	421	1160	668	930
18	423	398	410	475	420	455	415	392	405	1350	1130	1220
19	466	399	419	589	430	499	432	412	421	1530	1330	1500
20	468	415	441	601	473	510	432	415	423	1500	1260	1360
21	466	428	445	473	366	400	419	411	414	1380	1090	1220
22	471	437	456	385	362	373	451	427	438	1210	1100	1140
23	487	459	473	406	361	375	468	426	441	1340	1210	1280
24	482	434	462	389	373	380	482	428	449	1400	1060	1240
25	492	453	474	379	356	368	538	473	500	1060	771	969
26	487	448	468	407	350	369	620	531	564	799	758	777
27	475	459	470	387	377	383	654	616	641	1010	798	876
28	482	471	477	405	379	388	651	581	613	1050	1010	1030
29	506	475	492	407	385	395	599	552	573	1230	982	1030
30	543	488	512	426	389	403	579	539	561	1840	1230	1560
31	---	---	---	413	391	397	624	512	551	---	---	---
MONTH	2730	398	590	601	350	441	654	388	454	1840	500	880

073745253 REGGIO CANAL NEAR WILLIS POINT, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.6	23.3	23.9	---	---	---	14.7	13.4	14.1	17.0	14.2	15.7
2	25.0	23.1	23.7	---	---	---	15.4	14.4	14.9	19.0	15.9	17.4
3	26.9	24.6	25.4	---	---	---	17.4	14.8	16.3	21.1	18.3	19.8
4	27.2	26.2	26.7	16.6	14.0	15.3	18.4	17.3	18.1	21.0	14.6	18.8
5	26.7	25.3	26.1	18.4	15.5	16.9	18.8	17.5	18.3	14.6	10.6	11.5
6	25.3	23.9	24.5	19.2	16.5	17.9	17.5	14.2	15.2	13.3	10.5	11.6
7	25.7	23.9	24.7	19.7	17.6	18.7	14.9	13.0	13.8	13.8	11.7	12.8
8	25.6	24.8	25.1	21.4	18.5	19.6	14.9	13.6	14.2	14.9	12.6	13.5
9	25.5	24.7	25.2	21.1	19.4	20.3	17.4	14.5	15.7	18.1	14.7	16.2
10	25.6	24.8	25.2	22.2	20.4	21.5	17.9	16.5	17.3	19.5	17.6	18.4
11	26.0	24.7	25.4	23.9	21.6	22.6	17.1	16.3	16.8	19.9	17.8	18.5
12	26.4	25.2	25.7	23.1	21.6	22.2	18.5	16.8	17.6	20.3	18.3	19.1
13	28.4	25.3	26.4	22.0	20.9	21.5	18.8	17.4	18.3	21.3	19.8	20.4
14	28.4	26.2	27.1	22.2	20.7	21.4	17.4	15.0	15.9	19.8	14.0	17.3
15	27.9	26.1	26.9	21.6	19.8	20.5	16.3	14.2	15.7	14.4	12.9	13.7
16	27.6	26.1	26.8	19.8	18.0	18.8	14.2	11.9	12.9	17.5	14.0	15.4
17	29.3	26.5	27.5	18.4	17.4	17.9	14.2	12.7	13.4	19.1	15.8	17.5
18	27.5	25.4	26.1	18.3	17.0	17.6	13.7	12.9	13.4	20.4	17.1	18.5
19	25.5	24.1	24.5	18.6	17.5	18.1	12.9	12.1	12.5	19.5	17.1	17.9
20	24.1	21.0	22.2	20.0	18.1	19.0	13.3	11.8	12.5	17.2	13.6	16.1
21	21.0	19.5	20.0	21.0	19.2	20.0	12.7	11.8	12.3	13.6	9.4	10.8
22	21.7	19.1	20.2	21.8	20.3	20.9	12.9	11.1	11.8	13.3	11.7	12.4
23	20.6	19.4	20.0	22.0	21.0	21.6	13.0	10.9	11.6	15.9	13.3	14.5
24	19.4	17.7	18.5	22.1	21.3	21.7	12.4	10.6	11.6	16.4	11.8	14.5
25	20.3	17.2	18.6	21.7	19.1	20.7	12.6	10.2	11.2	11.8	8.4	9.4
26	21.4	18.2	19.3	19.1	16.1	17.0	11.6	9.7	10.7	9.1	6.5	7.7
27	22.6	18.8	20.1	16.8	15.1	15.9	12.2	10.5	11.4	8.8	7.2	7.6
28	22.1	19.8	20.8	17.6	15.4	16.4	12.9	10.5	11.6	10.3	7.9	9.0
29	21.7	20.7	21.3	18.3	15.6	16.6	12.6	8.8	10.6	10.3	9.7	10.1
30	22.0	21.6	21.7	16.5	14.1	15.4	13.7	11.2	12.2	10.3	8.5	9.3
31	---	---	---	---	---	---	15.9	13.2	14.5	10.7	9.1	10.0
MONTH	---	---	---	---	---	---	18.8	8.8	14.1	21.3	6.5	14.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.6	9.4	10.0	21.6	19.7	20.8	23.7	22.6	23.2	26.3	24.7	25.4
2	12.9	10.1	11.2	21.8	19.6	20.6	24.2	22.8	23.4	26.3	24.0	25.1
3	14.8	11.6	13.2	21.2	18.8	19.9	24.2	23.1	23.9	25.6	24.1	24.9
4	15.2	13.7	14.4	19.8	17.4	18.8	23.1	19.3	20.6	26.3	24.2	25.2
5	14.2	11.9	13.0	19.0	16.3	17.4	20.1	17.4	18.9	26.9	25.3	26.0
6	14.5	10.8	12.4	18.9	16.0	17.3	20.0	18.2	19.1	27.3	25.6	26.4
7	14.0	11.9	12.6	19.0	17.1	18.1	21.1	18.5	19.7	27.6	25.9	26.8
8	14.8	12.4	13.2	20.2	17.8	18.8	21.0	17.6	19.8	28.1	26.5	27.2
9	16.3	12.7	14.2	22.8	20.2	21.6	17.6	14.0	15.7	28.8	27.2	27.8
10	16.1	13.9	14.9	24.5	21.8	22.9	19.7	16.1	17.6	29.1	27.7	28.3
11	17.0	15.2	16.0	23.2	16.5	19.8	21.6	18.7	19.9	30.0	28.2	29.0
12	19.1	17.0	17.9	16.5	12.6	14.4	21.9	20.5	21.2	30.0	28.4	29.0
13	21.6	19.0	20.3	16.2	14.4	15.3	22.1	20.6	21.4	29.9	28.6	29.2
14	22.3	21.0	21.7	16.2	14.5	15.5	21.8	20.0	20.5	29.5	27.4	28.2
15	23.1	21.8	22.4	16.1	15.1	15.7	22.6	19.2	20.7	28.5	26.1	27.3
16	24.7	21.7	23.1	20.0	15.7	17.5	23.6	20.9	22.2	28.3	25.5	27.0
17	24.4	22.8	23.6	20.7	17.8	19.3	24.6	21.9	23.2	29.3	26.8	27.9
18	24.0	23.0	23.6	20.6	19.5	20.2	25.0	22.1	23.5	29.6	26.8	28.2
19	23.9	21.5	23.1	20.3	18.7	19.5	26.9	24.2	25.4	29.8	27.5	28.6
20	21.5	18.3	19.7	20.3	16.5	18.4	26.6	25.4	26.0	29.4	28.1	28.8
21	19.3	17.4	18.4	19.5	17.6	18.6	26.1	24.9	25.5	29.1	28.0	28.6
22	18.8	17.4	18.2	20.9	18.1	19.4	25.4	23.3	24.2	29.9	27.9	28.8
23	18.7	17.4	18.2	21.1	19.2	20.1	24.2	22.7	23.7	30.5	28.3	29.4
24	20.6	18.6	19.7	21.7	19.0	20.0	25.4	23.6	24.3	30.5	28.7	29.6
25	21.9	19.6	20.8	24.6	21.2	22.7	24.4	23.0	23.7	30.9	29.2	30.0
26	22.4	21.4	21.9	25.4	23.3	24.3	24.4	22.4	23.5	31.2	29.8	30.3
27	22.0	20.2	20.9	24.8	22.1	23.6	25.0	23.3	24.2	31.0	29.0	30.0
28	20.9	18.3	19.3	22.1	17.3	19.1	25.8	24.3	24.9	31.2	29.3	30.1
29	20.7	18.4	19.5	22.8	18.0	20.0	27.3	25.2	26.0	31.4	30.0	30.7
30	---	---	---	26.7	22.8	24.7	26.0	25.0	25.5	32.2	30.1	30.9
31	---	---	---	26.2	22.8	23.9	---	---	---	30.8	29.3	30.1
MONTH	24.7	9.4	17.8	26.7	12.6	19.6	27.3	14.0	22.4	32.2	24.0	28.2

MISSISSIPPI RIVER DELTA

073745253 REGGIO CANAL NEAR WILLIS POINT, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.6	28.6	29.1	28.8	27.6	28.2	29.7	29.0	29.4	31.7	30.6	31.0
2	29.5	28.6	29.0	29.8	27.5	28.5	29.7	29.0	29.4	30.8	29.5	30.3
3	30.5	28.4	29.5	30.9	29.4	30.2	29.7	28.5	29.1	31.6	30.5	30.8
4	29.8	28.8	29.2	30.9	29.9	30.6	30.0	28.1	28.9	32.0	31.3	31.7
5	28.8	28.1	28.4	31.1	29.8	30.6	31.1	29.9	30.3	32.5	32.0	32.4
6	28.9	27.6	28.3	31.7	29.8	30.8	32.0	30.7	31.3	32.4	28.0	29.8
7	28.9	26.7	27.7	32.5	30.6	31.6	32.2	31.1	31.7	28.0	27.3	27.7
8	28.3	27.1	27.7	32.8	31.6	32.3	32.2	30.8	31.4	28.3	27.3	27.9
9	29.1	28.2	28.7	32.8	31.5	32.1	32.4	30.5	31.4	27.9	26.7	27.3
10	29.8	28.1	28.9	32.8	31.0	31.9	32.3	31.1	31.6	29.0	27.1	28.1
11	29.8	28.6	29.3	32.9	31.3	32.3	31.2	29.5	30.2	29.1	28.4	28.8
12	30.9	29.1	29.9	32.9	31.0	32.0	31.7	30.2	30.9	29.7	28.7	29.1
13	30.4	29.5	29.9	32.6	30.8	31.8	31.8	30.9	31.4	29.4	28.7	28.9
14	30.1	29.0	29.6	32.7	30.8	31.8	31.6	30.5	30.8	29.3	28.3	28.7
15	30.2	28.7	29.4	32.8	30.5	31.7	31.3	29.4	30.2	30.5	28.9	29.5
16	28.7	26.9	27.8	33.3	31.8	32.7	32.3	30.4	31.2	30.5	28.3	29.1
17	27.9	26.1	26.9	33.4	31.8	32.6	33.1	31.5	32.1	28.3	25.4	26.4
18	29.5	27.6	28.6	32.9	31.4	32.1	33.7	32.1	32.8	26.3	25.4	25.8
19	29.5	29.1	29.3	32.5	30.5	31.2	33.7	32.2	32.9	26.8	25.9	26.3
20	30.5	29.1	29.7	32.4	29.8	30.9	33.1	31.3	31.9	27.2	26.7	26.9
21	31.0	30.1	30.6	32.6	31.2	32.0	31.4	29.8	30.5	27.9	27.0	27.6
22	31.7	29.9	30.8	32.6	30.5	31.4	31.5	30.0	30.9	28.1	27.8	27.9
23	32.3	30.4	31.5	31.5	29.0	29.9	30.0	29.1	29.3	28.7	28.0	28.2
24	32.6	31.4	32.1	30.5	28.3	29.2	30.0	29.4	29.7	29.5	28.2	28.7
25	32.1	30.5	31.1	30.8	29.7	30.2	30.8	30.0	30.3	29.4	28.3	29.1
26	30.5	29.1	29.7	31.1	30.1	30.7	32.0	30.6	31.1	28.3	21.1	23.3
27	29.9	28.5	29.2	31.0	30.1	30.7	31.8	31.3	31.4	22.4	20.3	21.4
28	30.7	29.3	30.0	31.7	30.3	31.0	32.1	31.6	31.9	23.3	21.9	22.5
29	30.8	29.3	30.2	31.7	30.8	31.3	32.1	31.5	31.9	24.0	22.4	23.0
30	30.6	28.8	29.4	31.8	30.7	31.1	32.1	30.9	31.4	24.2	23.5	23.8
31	---	---	---	30.7	29.7	30.0	32.0	31.3	31.7	---	---	---
MONTH	32.6	26.1	29.4	33.4	27.5	31.1	33.7	28.1	30.9	32.5	20.3	27.7

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA

LOCATION.--Lat 29°42'29", long 89°43'10", Plaquemines Parish, Hydrologic Unit 08090203, on a four-pipe platform 8 miles southeast of Delacroix.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1997 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to Oct. 1, 1998, datum of gage is 3.40 ft below NAVD 88.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.02 ft, Sep. 27, 1998; minimum, -2.14 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.05 ft, Oct. 8; minimum elevation, -1.19 ft, Dec. 27.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.15	1.18	1.67	1.55	.63	1.12	1.20	.39	.80	.92	-.30	.25
2	2.05	1.09	1.59	.85	-.22	.28	1.11	.54	.72	.91	-.28	.29
3	2.17	1.35	1.72	.82	.04	.55	1.50	.79	1.05	1.19	.04	.55
4	2.22	1.52	1.88	.95	.49	.64	1.59	1.14	1.42	1.24	-.50	.17
5	2.27	1.56	1.90	1.09	.55	.78	1.58	.77	1.11	.52	-.34	-.07
6	2.24	1.56	2.04	1.13	.55	.86	1.12	.07	.56	.66	-.42	.13
7	2.92	2.09	2.38	1.12	.28	.72	1.30	.17	.81	.73	-.43	.17
8	3.05	2.40	2.76	1.52	.37	.89	1.30	.61	.96	.69	-.46	.22
9	2.46	1.79	2.19	1.69	.49	1.13	1.32	.25	.87	.97	-.49	.27
10	2.10	1.36	1.68	1.87	.65	1.36	1.42	-.08	.66	.87	-.45	.20
11	1.97	1.53	1.76	1.87	.52	1.24	1.28	.15	.77	.72	-.50	.17
12	2.10	1.27	1.68	1.60	.62	1.18	1.31	.29	.82	.57	-.13	.26
13	1.85	.97	1.48	1.79	.75	1.31	1.39	-.18	.64	.80	-.04	.44
14	1.80	.98	1.45	1.62	.27	.94	.64	-.17	.26	1.32	.52	1.08
15	1.89	.93	1.45	1.00	.17	.62	.68	-.51	.09	1.32	.56	.91
16	1.98	.99	1.49	1.41	.52	.90	.67	-.18	.30	.82	-.02	.33
17	1.67	.61	1.15	1.42	.71	1.06	.73	.11	.33	1.07	.03	.48
18	1.57	.69	1.10	1.18	.68	.97	1.00	.46	.70	.99	-.45	.26
19	1.56	.74	1.10	1.29	.81	1.09	.94	-.06	.35	.77	-.61	.09
20	1.26	.74	1.00	1.34	.86	1.07	1.24	-.14	.46	.82	-.65	.12
21	1.48	.68	1.11	1.68	.62	1.08	1.89	.91	1.34	1.02	.17	.63
22	.94	.40	.78	1.82	.70	1.27	1.34	-.16	.60	1.21	.23	.79
23	.67	.16	.43	1.95	.65	1.38	1.24	-.27	.53	1.19	-.16	.56
24	1.04	.57	.92	1.74	.33	1.07	.77	-.97	-.13	1.18	-.15	.45
25	1.13	.20	.74	1.61	.41	1.04	.59	-.52	.02	.41	-.45	-.05
26	1.24	.04	.73	1.29	.07	.74	.46	-1.03	-.29	.14	-.44	-.19
27	1.34	-.09	.72	1.39	.21	.83	-.30	-1.19	-.66	1.29	.14	.74
28	1.41	-.07	.75	1.27	.06	.66	-.19	-1.06	-.53	2.38	1.23	1.85
29	1.61	.48	1.12	.86	-.11	.39	.13	-.61	-.41	1.70	.51	.95
30	1.99	1.12	1.58	1.31	.42	.99	.37	-.36	-.09	.92	-.18	.40
31	2.05	1.05	1.53	---	---	---	.72	-.22	.17	.89	.16	.51
MONTH	3.05	-.09	1.42	1.95	-.22	.94	1.89	-1.19	.46	2.38	-.65	.42

MISSISSIPPI RIVER DELTA

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.09	.15	.55	1.31	.14	.73	1.78	.98	1.28	1.39	.90	1.10
2	.99	-.11	.41	1.23	-.07	.51	1.81	.88	1.27	1.31	.85	1.12
3	.88	-.53	.21	1.21	.19	.62	1.64	.96	1.33	1.68	.97	1.41
4	.72	-.71	.02	.83	-.19	.35	1.00	-.12	.32	1.64	.97	1.42
5	.50	-.34	.14	.97	.30	.67	.85	.05	.56	1.91	1.13	1.63
6	.45	-.51	.01	1.14	.34	.77	.64	.11	.42	1.72	1.14	1.49
7	.55	-.49	.12	1.06	.47	.78	1.03	.06	.65	1.51	.90	1.25
8	.50	-.46	.14	1.27	.56	.94	.53	-.11	.22	1.53	.66	1.14
9	.34	-.59	.00	.99	.53	.84	1.26	.08	.72	1.29	.57	.99
10	.32	-.07	.12	1.15	.50	.89	1.01	.10	.53	1.14	.38	.81
11	.56	.16	.30	.93	.51	.72	1.44	.30	.79	1.02	.36	.77
12	.72	.12	.40	1.01	.27	.58	1.48	.49	.98	1.02	.54	.83
13	1.32	.14	.66	1.27	.27	.71	1.35	.28	.87	1.02	.48	.72
14	1.24	.22	.68	1.45	.47	.90	1.77	.54	1.10	1.34	.48	.97
15	1.54	.27	.77	2.22	.88	1.43	1.77	1.01	1.36	1.44	.51	1.02
16	1.53	.09	.77	2.22	.83	1.47	1.53	.54	.96	1.04	.48	.78
17	1.45	.04	.75	1.55	.80	1.18	.86	-.03	.40	1.42	.58	1.09
18	1.56	.49	1.03	1.55	.63	1.06	1.17	.08	.77	1.56	.76	1.18
19	1.44	.09	.75	1.72	.74	1.18	1.11	.36	.77	1.30	.60	.99
20	1.25	.37	.79	.80	.53	.67	1.14	.41	.81	1.31	.46	.96
21	.94	.40	.67	1.23	.68	.98	.59	.10	.36	1.11	.32	.75
22	1.20	.43	.71	1.04	.35	.72	1.24	.22	.85	.88	.13	.51
23	1.37	.53	1.06	1.20	.29	.78	1.66	.41	1.05	.86	.06	.52
24	1.21	.83	1.02	1.13	.75	.95	1.37	.49	.82	.74	.12	.47
25	1.59	.95	1.21	1.14	.66	.87	.99	.56	.81	.93	.15	.57
26	1.50	1.11	1.31	.98	.27	.58	.97	.41	.69	1.02	.46	.79
27	1.32	.45	.94	.71	.09	.41	.69	.16	.47	.98	.59	.82
28	1.43	.85	1.09	1.29	.61	.91	.62	-.20	.17	.61	.00	.34
29	1.35	.45	.90	1.49	.58	1.02	1.01	.62	.87	.72	-.01	.38
30	---	---	---	1.40	.53	.92	1.30	.59	.87	1.32	.37	.92
31	---	---	---	1.34	.74	.98	---	---	---	1.69	.69	1.41
MONTH	1.59	-.71	.60	2.22	-.19	.84	1.81	-.20	.77	1.91	-.01	.94
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.69	1.01	1.41	1.22	.21	.77	1.01	.18	.64	.93	.02	.53
2	1.50	.76	1.21	1.32	.19	.82	1.06	.10	.66	.94	-.12	.52
3	1.32	.42	.91	1.48	.40	.98	.94	.42	.74	1.17	.33	.82
4	1.32	.19	.77	1.50	.49	1.03	.73	.28	.53	1.29	.31	.85
5	.95	.08	.55	1.22	.60	.94	.46	-.12	.27	1.32	.49	.90
6	1.24	.02	.66	.89	.50	.72	.79	.07	.42	1.93	.89	1.57
7	1.52	.54	1.10	.74	.28	.53	1.16	.36	.77	2.24	1.50	1.89
8	1.49	.54	1.02	.79	.30	.52	1.21	.19	.72	2.17	1.43	1.78
9	1.70	.89	1.24	.98	.12	.55	1.11	.03	.55	2.00	1.12	1.53
10	1.61	1.16	1.32	.97	.10	.51	.91	.20	.62	1.65	1.16	1.40
11	1.58	1.01	1.33	.73	-.02	.35	1.11	.13	.60	1.75	1.16	1.54
12	1.37	.68	1.08	.77	-.15	.28	.88	.21	.59	1.69	1.09	1.48
13	1.40	.56	1.01	.35	-.39	.00	1.25	.20	.85	1.35	.92	1.18
14	1.35	.56	.99	.04	-.53	-.23	1.29	.46	.91	1.25	.90	1.10
15	1.40	.54	1.05	.64	-.58	.14	.90	.17	.60	1.25	.75	.95
16	1.68	.60	1.20	.67	-.15	.32	.48	-.07	.24	1.84	1.10	1.66
17	1.71	.74	1.37	.60	-.11	.27	.64	.02	.35	2.07	1.48	1.79
18	1.66	.87	1.31	.52	-.32	.08	.71	.17	.44	2.37	1.09	1.68
19	1.59	.81	1.22	.36	-.33	.01	.38	-.32	.10	1.43	.49	1.02
20	1.33	.62	.99	.31	-.45	-.09	.32	-.11	.12	1.58	.53	1.09
21	.99	.44	.75	.70	-.33	.05	.86	.00	.46	1.80	1.07	1.38
22	.60	.13	.36	.72	.18	.41	1.30	.81	1.03	2.35	1.07	1.72
23	.86	.10	.58	.72	-.08	.22	1.63	.61	1.13	1.70	.60	1.18
24	.75	.13	.45	.36	-.10	.18	1.47	.47	.97	1.42	.57	.95
25	.82	.43	.59	.86	.09	.47	1.35	.28	.83	.83	.22	.57
26	1.01	.41	.72	1.08	.02	.56	1.11	.25	.64	1.02	.20	.65
27	1.22	.39	.83	1.17	.13	.68	1.04	.19	.66	.89	.53	.76
28	1.18	.21	.80	1.12	.13	.65	1.03	.28	.67	1.20	.61	.98
29	.97	-.10	.50	1.03	.12	.60	.35	-.07	.24	1.67	1.07	1.43
30	1.24	-.12	.70	1.08	.07	.59	1.12	-.16	.40	1.73	1.09	1.45
31	---	---	---	1.15	.05	.62	1.07	.64	.82	---	---	---
MONTH	1.71	-.12	.93	1.50	-.58	.44	1.63	-.32	.60	2.37	-.12	1.21

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- May 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1997 to current year.

WATER TEMPERATURES: May 1997 to current year.

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

REMARKS.--Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 34,200 microsiemens, Oct. 8, 1999; minimum, 1,130 microsiemens, Feb. 13, 1999.

WATER TEMPERATURE: Maximum, 34.3° C, Aug. 28, 1998; minimum, 4.0° C, Jan. 5, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 34,200 microsiemens/cm, Oct. 8; minimum, 2,080 microsiemens/cm, Aug. 20.

WATER TEMPERATURE: Maximum, 34.2° C, Aug. 9; minimum, 7.6° C, Jan. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22000	19400	21000	21600	17000	19600	25400	22300	24300	19700	18800	19200
2	20900	19400	20300	17000	14100	15300	25800	22100	23800	19900	19400	19700
3	23000	20400	22000	17200	14100	16800	27900	24000	26000	22100	19600	20300
4	23800	21400	22600	16900	15500	16500	29100	25800	27300	22300	20200	21500
5	24600	21900	23300	16700	16300	16600	29500	26100	28000	20200	17700	18900
6	26700	22100	24300	17000	16500	16700	26100	24100	25200	18200	17800	17900
7	31300	25900	27700	17200	16300	16800	25700	24300	25100	18700	18000	18300
8	34200	26900	29900	18000	16600	17100	26700	25100	25900	19400	18400	19000
9	27000	24100	25600	20700	17300	18600	27600	25600	26700	20800	19400	20200
10	24300	20400	22300	23400	19600	21500	26900	24600	25700	21100	19100	20000
11	22400	19400	20800	25900	20300	23100	26200	25100	25600	21000	19000	19900
12	21600	18900	20300	24600	20800	23000	27400	25500	26600	20400	18800	19900
13	20500	17600	19200	24900	22600	23800	26900	24500	26000	20000	18800	19700
14	19700	17300	18700	24400	20300	22800	24500	23400	24000	23000	19200	20800
15	19200	17400	18600	23600	18700	21100	23800	22600	23200	23500	22900	23300
16	19300	17800	18800	21600	19800	21000	23700	22400	22900	22900	21400	22300
17	19100	16200	18000	21900	20200	21000	23800	22300	23300	21400	20500	21100
18	18600	15400	17200	22300	20500	21200	24600	23000	23900	20900	20000	20500
19	17700	15400	16900	23400	21300	22400	24200	22600	23500	20000	18400	19200
20	17500	15500	16700	24400	22500	23300	23600	22100	22800	18600	17500	18200
21	17200	15700	16800	25600	22800	23800	28000	22100	25000	17700	17600	17600
22	17100	14600	16200	27200	23300	25000	26200	21700	24000	18300	17700	18200
23	15900	13400	14800	28800	25200	27000	24100	20800	22400	18500	18300	18400
24	16000	15200	15600	27400	23400	25500	22700	18600	20400	18500	16900	17900
25	15700	15300	15500	27500	24200	25800	20300	17800	19300	17000	16900	17000
26	15700	15300	15500	26000	21100	23700	20600	17600	19300	17000	16300	16600
27	15700	15400	15500	25200	21200	23000	19500	16100	17900	16800	15900	16200
28	15800	15300	15600	24500	20300	22800	18700	16700	18000	26000	16800	20500
29	17400	15600	16400	23700	19700	22200	18700	17400	18100	29000	26000	28000
30	21800	17400	19600	24700	21700	23800	19000	18200	18600	26500	20900	23100
31	23400	18800	20900	---	---	---	19400	18200	18800	20900	19500	20000
MONTH	34200	13400	19600	28800	14100	21400	29500	16100	23300	29000	15900	19800

MISSISSIPPI RIVER DELTA

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	20400	19300	19800	27700	25400	26300	13700	10200	11100	11000	8810	9860
2	19900	19500	19600	26200	24100	24900	14300	11000	12300	12500	9570	11200
3	19500	18600	19100	25900	22900	24300	15000	11200	13200	16600	10300	14300
4	18600	17700	18100	23200	21100	22500	11200	6910	8560	18900	12200	15800
5	19000	18000	18600	23800	22700	23200	10400	6810	9540	20700	14500	17900
6	18700	18200	18600	24400	23000	23600	9350	7500	8840	19900	15500	17900
7	18800	18400	18600	24900	23500	24100	9670	6760	8550	18700	15400	17100
8	18700	17100	18300	25800	24200	25300	8810	5780	6750	18000	14800	16300
9	18300	17300	17900	25300	23900	24600	8410	5450	7490	16900	14000	15500
10	17800	17300	17600	25800	23400	24400	8680	7370	7960	15700	12900	14300
11	18100	17500	17800	24900	21000	23000	10200	7610	8460	14400	12200	13400
12	18200	17500	18000	23000	19900	21800	11700	8340	9580	14000	12000	13100
13	19900	17400	18400	24000	19500	22000	11500	8450	9830	14000	11300	12400
14	20100	17900	19200	26200	21800	23300	12600	7950	10000	14900	11100	12700
15	23200	18800	19900	30900	24200	26800	12900	10300	11400	15800	12500	14200
16	---	---	---	32600	26000	28000	12600	7710	9820	14700	12100	13300
17	---	---	---	27300	24300	25500	7710	5120	6440	16000	12500	14400
18	---	---	---	26800	21100	24200	9030	4940	7690	16900	14000	15500
19	---	---	---	23300	15700	20500	8700	5960	7560	16500	14200	15300
20	---	---	---	17900	11500	14300	8330	6210	7490	16700	14000	15300
21	---	---	---	16900	11500	15600	6590	4240	5520	15400	13600	14400
22	---	---	---	15400	10900	13600	7520	3880	6070	14700	11700	13300
23	---	---	---	14800	9570	12700	10800	5890	7700	13800	11200	12600
24	28300	25800	26900	14000	12000	13300	9680	6170	7420	12500	10300	11500
25	29900	26800	28400	13300	10900	12200	8070	5180	6850	12700	9760	11300
26	31100	28300	29400	11800	8240	10400	8060	5110	6890	13000	11000	12100
27	29200	25600	26800	10300	6870	8560	7410	5160	6480	13000	12100	12500
28	28300	25700	26800	10300	6770	9110	6500	3890	5400	12100	9400	10800
29	27700	25800	26700	10900	8140	9620	7870	6380	7020	11900	8660	10300
30	---	---	---	10800	8230	9490	9740	6600	7750	14000	10600	12500
31	---	---	---	10700	6760	9020	---	---	---	17900	12400	15200
MONTH	---	---	---	32600	6760	19200	15000	3880	8320	20700	8660	13800

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	19700	15300	17400	9520	7460	8630	9540	5750	7760	6370	4120	5220
2	19000	15600	17100	9330	7020	8430	9620	5530	7660	5720	2690	4060
3	18100	14900	16300	10200	7760	8940	8620	6030	7350	6660	4890	5520
4	16900	13700	15200	11000	8280	9510	7190	4980	6300	7240	4480	6130
5	14900	12400	13700	10700	8830	9730	5820	2880	4110	7600	4550	6190
6	15100	11200	13100	10200	8240	9360	6250	2940	5020	14200	4550	9980
7	16500	12800	14700	9390	6590	8370	7090	5980	6540	18600	11800	15500
8	17000	13700	15300	8590	5860	7500	7580	5120	6700	16300	11300	13800
9	18300	14900	16400	8360	4830	7080	7320	4510	6270	14300	10800	12800
10	18100	16100	17300	7720	4830	7070	7450	4050	6160	12800	10300	11700
11	19300	16500	17800	7560	4360	6360	7590	3650	6030	13300	9850	11700
12	18100	16300	17200	7180	4090	6190	8340	4670	6700	13100	10400	11700
13	18100	15800	16800	6720	3500	5400	9070	4300	7220	10800	7900	9400
14	18200	15500	16800	6420	3300	5030	9570	5890	7800	10800	7190	8630
15	18200	15000	16700	6030	3140	4970	8860	5160	6970	9970	5870	7710
16	18500	15200	16500	6130	5240	5650	7020	3380	5440	11400	8700	9950
17	19100	14800	16900	6310	5260	5760	6890	3300	5560	14000	10500	12200
18	19100	15400	17300	6070	4480	5560	6810	3640	5700	15200	10500	12900
19	18700	15900	17200	6000	4300	5470	6070	2380	4040	11400	8870	10000
20	17700	15400	16500	6020	4020	5250	5530	2080	3300	11300	8430	10300
21	16100	14200	15200	5910	4420	5350	5350	4090	4760	11800	9380	10600
22	14300	10800	13000	7200	5320	6190	6860	5260	5800	14100	10500	11900
23	14600	9970	12800	6860	4550	5510	10200	5540	7570	11600	8250	10400
24	13900	9930	12100	6690	4220	5690	10600	5540	8040	10400	7280	9290
25	12700	10500	11800	8070	6180	7190	10500	5590	8380	8580	5770	6760
26	11100	8760	10200	7550	5950	7110	9300	4880	7320	8500	5970	7310
27	11600	9230	10700	8310	5880	7270	8850	4070	6690	8240	7230	7880
28	11500	8980	10600	9620	6230	8040	8380	4220	6530	8740	7660	8070
29	10400	7050	9000	10300	6440	8340	6700	2800	4230	12200	7930	10200
30	9530	6600	8580	9660	6220	7930	6310	2510	4340	13000	10700	11600
31	---	---	---	9650	5590	7700	8160	5350	6460	---	---	---
MONTH	19700	6600	14700	11000	3140	6990	10600	2080	6220	18600	2690	9650

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.6	22.9	23.7	22.9	20.4	21.9	15.6	14.0	14.8	16.9	14.7	15.7
2	26.1	23.2	24.5	20.4	15.5	18.4	16.3	14.6	15.5	18.4	15.9	17.1
3	27.4	25.0	26.1	17.2	15.2	16.1	17.6	15.7	16.5	19.7	17.7	18.7
4	26.9	26.2	26.6	17.5	14.9	16.3	17.8	17.3	17.6	19.3	14.3	17.9
5	26.4	24.7	25.8	18.6	16.3	17.5	18.5	17.2	18.0	14.3	11.4	12.9
6	24.9	23.5	24.3	19.2	17.3	18.2	17.2	14.1	15.0	13.1	11.3	12.4
7	25.8	24.1	24.9	19.5	17.5	18.7	14.5	13.2	14.0	13.5	12.2	12.9
8	25.7	25.0	25.3	20.7	18.3	19.5	15.0	13.7	14.3	15.2	12.5	13.7
9	26.3	24.8	25.6	21.6	19.4	20.4	18.1	15.0	16.4	18.9	14.6	16.6
10	26.6	25.6	26.0	23.2	20.7	21.8	18.0	16.6	17.3	20.2	17.9	18.8
11	26.3	25.7	25.9	23.9	21.7	22.7	17.6	16.0	16.8	20.3	17.2	18.6
12	26.5	25.2	25.9	22.8	21.2	22.1	19.3	16.9	18.0	21.0	18.2	19.5
13	27.7	25.5	26.5	22.8	21.0	21.8	19.0	16.6	18.1	22.3	19.7	20.7
14	28.0	26.1	27.1	22.8	21.1	21.9	17.2	15.9	16.6	20.9	15.5	17.1
15	28.0	26.1	27.1	22.1	20.3	21.1	16.6	14.6	15.9	15.5	13.7	14.6
16	28.2	26.2	27.1	20.4	18.5	19.1	14.6	13.5	14.0	16.6	14.4	15.4
17	28.7	26.8	27.7	19.1	17.7	18.3	14.1	12.4	13.3	17.7	15.7	16.6
18	27.7	25.2	26.1	19.1	17.5	18.3	14.1	13.1	13.8	19.4	16.8	17.9
19	25.2	23.5	24.7	19.7	18.1	18.8	13.1	12.2	12.5	20.9	18.0	19.2
20	23.5	20.1	21.9	19.8	18.9	19.4	13.0	11.9	12.5	19.6	16.1	18.5
21	20.9	19.4	20.1	21.2	19.5	20.3	12.8	11.7	12.4	16.1	13.0	14.1
22	21.1	18.5	19.8	21.8	20.3	21.0	11.7	10.3	11.1	15.4	13.4	14.2
23	20.2	18.4	19.4	23.0	20.8	21.8	11.9	10.0	10.9	17.5	15.4	16.4
24	18.7	17.2	17.8	23.2	21.6	22.3	12.8	10.0	11.4	16.9	12.2	14.7
25	18.5	16.1	17.4	22.2	19.6	20.9	12.3	10.0	11.0	12.2	10.0	11.1
26	19.8	17.1	18.5	19.6	16.7	17.8	12.1	9.8	10.9	10.0	7.6	8.6
27	21.5	18.2	19.6	17.6	16.3	16.9	12.9	10.4	11.5	9.4	8.4	8.8
28	22.6	19.2	20.8	18.0	16.1	17.1	12.4	10.5	11.4	11.0	8.9	9.8
29	22.8	20.2	21.3	18.2	16.6	17.4	12.1	10.1	10.9	11.0	10.4	10.8
30	22.1	21.3	21.7	17.6	14.8	15.7	13.5	11.0	12.0	10.4	9.0	9.8
31	22.8	21.6	22.0	---	---	---	15.2	12.9	13.9	10.0	8.5	9.4
MONTH	28.7	16.1	23.6	23.9	14.8	19.5	19.3	9.8	14.1	22.3	7.6	14.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.9	8.9	9.4	22.6	19.5	21.0	23.3	22.3	22.8	25.3	23.0	24.2
2	11.2	9.4	10.2	24.1	21.3	22.5	24.6	22.7	23.6	26.0	24.0	24.7
3	13.7	10.5	11.8	23.5	21.8	22.6	24.2	22.1	23.6	25.2	24.0	24.6
4	14.7	11.5	12.8	22.2	18.4	20.0	22.1	18.5	20.0	26.1	23.8	24.9
5	12.8	9.6	10.7	20.4	18.2	19.5	20.5	18.0	19.2	26.9	24.8	25.8
6	11.7	9.5	10.6	21.1	18.9	20.1	21.1	19.0	20.0	27.3	25.0	26.0
7	13.1	11.0	11.9	22.1	19.9	20.9	22.3	20.2	21.1	27.6	25.5	26.5
8	14.4	12.0	13.0	23.2	20.8	22.0	22.1	17.4	21.0	27.2	25.7	26.4
9	15.9	12.9	14.2	23.9	22.1	23.0	18.3	15.6	17.1	27.6	25.6	26.5
10	16.4	14.2	15.2	24.8	23.5	24.0	19.6	16.2	17.9	28.4	26.2	27.2
11	17.5	16.1	16.6	24.3	18.5	23.1	21.5	18.9	20.1	29.1	27.0	27.9
12	19.5	17.3	18.2	19.3	15.1	17.3	23.4	21.0	22.1	29.0	26.9	27.9
13	20.3	19.1	19.6	18.8	15.4	17.3	24.0	22.5	23.1	29.4	27.1	28.2
14	21.9	20.2	21.0	19.0	16.8	18.0	22.9	21.7	22.2	28.7	26.6	27.6
15	22.5	20.7	21.5	18.9	18.4	18.7	23.6	21.1	22.3	28.2	25.9	26.9
16	23.7	21.3	22.4	21.9	18.4	20.0	26.4	22.1	24.1	28.4	25.9	27.2
17	24.2	22.3	23.2	21.8	20.4	21.1	27.7	24.1	25.9	27.8	26.5	27.1
18	24.4	22.4	23.3	21.4	20.3	20.9	26.9	24.8	25.9	28.5	26.1	27.1
19	23.5	21.5	22.9	21.1	18.2	20.1	27.3	24.9	26.1	28.7	27.0	27.8
20	21.5	17.2	18.6	19.9	16.6	18.2	26.6	25.2	25.8	28.7	27.3	27.9
21	18.3	16.9	17.6	20.5	18.0	19.2	25.6	23.8	24.7	28.4	27.0	27.6
22	18.9	16.7	17.8	22.9	19.5	20.9	24.3	22.2	23.3	29.4	26.2	27.6
23	19.5	17.5	18.5	23.0	20.8	21.9	23.4	22.1	22.7	29.5	26.8	28.0
24	21.2	18.8	20.0	23.5	21.1	22.3	25.7	22.6	23.8	29.5	27.4	28.4
25	21.8	19.7	20.8	23.7	21.9	22.9	23.8	21.3	22.7	29.9	27.8	28.9
26	22.3	20.3	21.4	24.2	22.8	23.4	24.3	21.5	22.9	30.2	28.1	29.1
27	21.6	19.1	20.2	23.9	22.0	22.9	25.2	22.6	23.8	30.2	28.0	29.0
28	20.3	18.2	19.3	23.6	21.1	22.5	25.4	23.1	24.1	30.5	28.1	29.1
29	20.5	17.8	19.2	23.6	21.9	22.8	25.5	23.7	24.6	31.0	28.5	29.7
30	---	---	---	25.4	23.2	24.2	25.8	23.4	24.6	30.9	28.7	29.9
31	---	---	---	24.3	21.8	23.3	---	---	---	29.8	27.7	28.8
MONTH	24.4	8.9	17.3	25.4	15.1	21.2	27.7	15.6	22.7	31.0	23.0	27.4

MISSISSIPPI RIVER DELTA

073745257 CROOKED BAYOU NORTHWEST OF LAKE CUATRO CABALLO NEAR DELACROIX, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.1	27.2	28.0	29.4	27.6	28.2	29.3	27.6	28.5	32.9	29.4	30.9
2	29.0	27.5	28.3	29.9	27.2	28.6	29.7	28.0	28.8	32.0	28.5	30.1
3	29.9	28.0	29.0	30.5	28.8	29.6	28.9	27.7	28.1	31.9	29.4	30.6
4	29.4	27.8	28.5	30.8	28.9	29.8	30.6	27.1	28.3	33.7	30.5	31.9
5	28.1	26.8	27.6	31.6	29.1	30.3	31.6	29.0	30.1	33.4	30.8	32.2
6	28.2	27.1	27.7	32.3	29.5	30.8	32.9	30.3	31.5	31.4	27.4	29.4
7	27.9	26.2	27.1	32.5	29.8	31.1	32.5	30.3	31.4	28.9	26.6	27.6
8	28.2	26.1	27.2	32.9	30.8	31.9	33.2	30.0	31.5	28.2	26.6	27.5
9	29.1	27.0	28.0	32.7	31.4	32.0	34.2	30.9	32.3	29.1	26.5	27.4
10	29.3	26.9	28.0	34.0	31.0	32.3	32.4	29.5	31.5	30.2	27.9	28.8
11	29.5	27.5	28.6	34.1	31.4	32.4	32.2	28.7	30.3	30.4	29.1	29.7
12	31.0	28.5	29.5	34.1	31.4	32.3	32.0	30.3	31.0	30.3	29.1	29.6
13	31.0	29.4	30.0	33.0	30.2	31.5	31.2	30.3	30.7	29.8	28.8	29.4
14	31.0	28.9	29.8	32.4	30.0	31.0	30.7	29.6	30.2	29.7	28.7	29.2
15	29.8	28.4	29.2	33.0	30.0	31.4	31.4	29.6	30.4	30.9	28.5	29.6
16	28.6	27.3	28.1	33.1	30.9	31.9	32.5	29.4	30.9	29.7	26.9	28.1
17	28.9	26.8	27.8	31.9	30.4	31.1	33.0	30.5	31.7	27.2	24.7	26.1
18	29.8	27.9	28.9	32.3	29.8	31.0	32.8	31.2	32.0	27.8	25.1	26.2
19	30.4	28.8	29.5	31.1	29.4	30.3	32.7	30.6	31.8	27.9	25.5	26.7
20	30.9	28.7	29.7	32.1	29.1	30.5	32.1	30.4	31.0	29.4	26.5	27.9
21	31.1	29.2	30.1	32.1	29.8	30.9	33.2	30.2	31.4	29.2	27.9	28.5
22	31.2	28.9	30.0	32.0	29.7	30.7	31.5	29.6	30.5	29.0	27.7	28.2
23	32.1	29.8	30.9	30.0	27.9	29.1	30.2	29.1	29.6	30.3	28.0	28.9
24	32.6	29.9	31.1	31.5	28.2	29.6	31.0	29.1	29.9	31.6	28.8	29.8
25	31.4	29.9	30.7	31.3	28.8	30.1	32.7	29.7	30.9	30.2	24.9	29.1
26	30.7	28.6	29.8	32.2	29.2	30.6	33.5	30.4	31.5	24.9	21.5	23.0
27	30.6	28.7	29.6	31.6	29.8	30.8	33.4	30.7	31.7	23.5	21.2	22.3
28	31.0	29.1	30.0	32.8	29.8	31.0	33.4	30.7	31.9	23.8	22.3	23.0
29	30.9	29.4	29.9	32.3	30.2	31.0	32.3	30.1	31.1	23.9	22.4	23.2
30	29.6	28.1	29.1	30.9	28.9	29.9	31.8	29.9	30.8	25.2	22.7	23.8
31	---	---	---	29.4	28.1	28.8	32.2	30.3	31.0	---	---	---
MONTH	32.6	26.1	29.1	34.1	27.2	30.7	34.2	27.1	30.7	33.7	21.2	28.0

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 current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88. Prior to October 1, 1998 datum of gage was 4.33 ft below NAVD 1988.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 4.87 ft, present datum, July 18, 1997 ; minimum, -3.63 ft, present datum, Dec. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.54 ft, Dec. 21; minimum elevation, -1.18 ft, Dec. 24.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.69	.81	1.80	1.62	.11	.91	---	---	---	1.14	-.27	.44
2	2.22	.93	1.67	.74	-.24	.29	---	---	---	1.39	-.21	.50
3	2.43	1.02	1.80	1.15	.10	.69	---	---	---	1.32	.05	.66
4	2.46	1.61	1.99	1.08	.32	.64	---	---	---	1.39	-.84	.26
5	2.64	1.37	2.01	1.18	.41	.81	---	---	---	.63	-.82	.23
6	2.71	1.62	2.41	1.18	.59	.93	---	---	---	1.07	-.15	.45
7	3.26	2.11	2.63	1.32	.30	.77	---	---	---	1.34	-.04	.60
8	3.26	2.10	2.59	1.80	.44	1.02	2.16	.92	1.42	1.38	-.22	.60
9	2.27	1.62	1.99	2.25	.58	1.30	1.96	.36	1.16	1.65	-.50	.62
10	1.84	1.04	1.50	2.30	.66	1.48	1.96	-.12	.83	1.20	-.34	.43
11	2.11	1.57	1.81	2.15	.36	1.24	2.02	.38	1.22	1.09	-.35	.42
12	2.19	1.15	1.64	1.88	.59	1.33	2.01	.27	1.16	.90	-.13	.54
13	1.92	1.05	1.49	2.13	.70	1.44	1.84	-.73	.34	1.41	.06	.67
14	1.91	1.01	1.48	1.78	.03	.88	1.10	-.07	.61	2.13	1.37	1.74
15	2.02	.95	1.50	1.20	.17	.74	1.11	-.53	.27	1.72	.51	.91
16	2.20	.75	1.52	1.88	.39	1.17	1.18	.65	.88	1.05	-.24	.37
17	1.78	.31	1.08	1.75	.63	1.26	1.18	.46	.78	1.37	-.18	.56
18	1.87	.41	1.14	1.34	.83	1.16	1.39	.84	1.18	1.03	-.71	.12
19	1.84	.47	1.17	1.41	1.04	1.23	1.32	.07	.55	1.00	-1.00	-.13
20	1.59	.68	1.20	---	---	---	1.84	.07	.85	1.74	-.68	.26
21	1.92	.40	1.29	---	---	---	3.54	1.04	2.24	1.80	.30	.98
22	1.16	.04	.75	---	---	---	2.08	-.29	.94	1.60	-.18	.77
23	1.21	-.06	.51	---	---	---	2.06	-.14	.96	1.44	-.66	.43
24	1.57	.84	1.16	---	---	---	1.17	-1.18	.12	1.57	-.13	.59
25	1.34	.30	.83	---	---	---	1.42	-.75	.42	.73	-.57	.02
26	1.52	-.01	.76	---	---	---	.91	-1.11	.03	.55	-.23	.11
27	1.53	-.23	.70	---	---	---	-.08	-1.12	-.50	1.64	.55	1.27
28	1.58	-.14	.77	---	---	---	.16	-.82	-.20	3.03	1.08	2.20
29	1.93	.60	1.31	---	---	---	.15	-.50	-.27	1.21	.07	.65
30	2.29	.91	1.66	---	---	---	.57	-.22	.11	1.19	-.20	.41
31	2.27	.79	1.48	---	---	---	1.01	-.11	.36	1.19	.30	.71
MONTH	3.26	-.23	1.47	---	---	---	---	---	---	3.03	-1.00	.59

MISSISSIPPI RIVER DELTA

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.43	.14	.72	1.00	-.16	.38	1.84	.61	1.25	1.30	.72	.99
2	1.14	-.04	.47	1.26	-.46	.37	1.77	.50	.94	1.30	.64	1.02
3	1.06	-.56	.15	1.03	-.25	.13	1.59	.42	.90	1.63	.50	1.28
4	1.10	-.73	.01	1.05	-.34	.28	.53	-.36	.00	2.09	.58	1.42
5	1.22	-.27	.38	1.09	.12	.61	.85	-.35	.46	2.35	.65	1.62
6	.83	-.57	.10	1.19	.14	.64	.50	-.36	.19	2.21	.53	1.41
7	.86	-.60	.13	1.01	.23	.65	1.04	-.30	.52	1.98	.18	1.10
8	.60	-.53	.15	1.23	.50	.79	.78	-.26	.29	1.81	-.02	.97
9	.34	-.53	-.05	.84	.15	.56	2.10	.03	1.04	1.55	-.10	.78
10	.40	-.41	.08	.90	.15	.66	1.50	-.52	.46	1.35	-.23	.63
11	.67	.04	.30	.79	.18	.52	1.73	-.06	.83	1.14	-.11	.62
12	.88	.04	.39	1.24	.04	.68	1.65	.08	.90	1.07	.11	.65
13	1.12	-.06	.58	1.51	-.35	.67	1.44	-.18	.69	.85	.32	.58
14	1.18	-.24	.46	1.58	.02	.86	1.98	.14	1.15	1.82	.36	1.17
15	1.93	-.07	.88	2.54	.59	1.52	1.74	.96	1.22	1.79	.19	1.15
16	1.63	-.31	.63	2.20	.27	1.02	1.38	.28	.77	1.55	.22	.84
17	1.78	-.31	.67	1.44	.31	.97	.81	-.32	.22	1.69	.31	1.06
18	1.78	-.22	.74	1.63	-.01	.77	1.28	-.24	.72	1.74	.26	1.09
19	1.69	-.30	.62	1.80	.04	.71	1.20	-.25	.61	1.66	.10	.97
20	1.69	.41	.87	.73	.08	.45	.98	-.44	.43	1.64	.02	.92
21	1.23	.40	.75	1.16	.44	.85	.96	-.58	.22	1.43	-.22	.62
22	1.41	.51	.83	.99	-.12	.56	1.64	.03	.99	1.57	-.40	.60
23	1.39	.42	1.00	1.32	-.12	.73	2.04	-.19	1.05	1.07	-.44	.32
24	1.29	.68	.90	1.20	.32	.76	1.07	.16	.52	.75	-.48	.16
25	1.55	.67	1.13	.97	.12	.61	1.31	.33	.87	1.07	-.43	.39
26	1.33	.71	1.05	.91	-.21	.35	1.28	.04	.61	1.07	.05	.59
27	1.21	.13	.68	.97	-.38	.22	.97	-.30	.29	.87	.23	.53
28	1.48	.84	1.16	1.16	.34	.82	.70	-.54	.01	.53	-.35	.11
29	1.44	.05	.67	1.48	.13	.90	1.33	.57	.91	1.12	-.29	.41
30	---	---	---	1.11	.18	.71	1.40	.28	.87	1.54	.27	.95
31	---	---	---	1.34	.70	1.06	---	---	---	1.92	.53	1.37
MONTH	1.93	-.73	.57	2.54	-.46	.67	2.10	-.58	.66	2.35	-.48	.85

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	2.06	.38	1.35	1.69	-.36	.72	1.49	-.18	.70	1.21	.38	.70
2	1.79	-.07	1.06	1.97	-.38	.89	1.50	-.14	.83	1.31	.24	.64
3	1.75	-.29	.78	2.04	-.14	1.02	1.24	.25	.74	1.58	.66	1.09
4	1.55	-.55	.50	2.15	.00	1.12	.94	.21	.67	1.55	.70	1.08
5	1.11	-.65	.27	1.72	.11	.95	.57	.18	.45	1.50	.71	1.09
6	1.55	-.46	.59	1.23	.06	.69	.97	.40	.65	2.55	1.17	2.22
7	2.08	.19	1.24	1.09	-.09	.51	1.25	.45	.89	2.71	1.39	2.19
8	2.01	.10	1.09	1.05	.12	.57	1.30	.15	.78	2.39	1.40	1.90
9	1.87	.56	1.24	.91	-.08	.48	1.34	-.01	.72	2.26	.96	1.69
10	1.59	.84	1.24	1.07	-.11	.55	1.19	-.35	.58	2.08	1.15	1.67
11	1.98	.78	1.29	.76	-.22	.35	1.70	-.30	.88	2.35	1.20	1.80
12	1.38	.45	1.02	.72	-.56	.26	1.39	.04	.75	2.08	.83	1.57
13	1.35	.03	.81	.62	-.81	-.03	1.79	.05	1.06	1.66	.85	1.29
14	1.46	.07	.83	.32	-.93	-.29	1.62	.00	.91	1.69	.74	1.28
15	1.58	-.03	.85	1.57	-.80	.41	1.27	-.21	.62	1.80	.74	1.24
16	1.85	-.02	.98	1.25	-.47	.38	1.06	-.30	.43	2.53	1.28	2.14
17	2.22	.11	1.39	.78	-.50	.18	1.15	-.11	.54	2.36	1.89	2.08
18	2.08	.42	1.25	1.04	-.67	.16	1.12	.03	.59	2.77	1.11	1.77
19	1.99	.30	1.15	.97	-.63	.12	.70	-.08	.26	1.48	.50	1.02
20	1.66	.07	.86	.96	-.64	.12	.51	.09	.25	1.71	.38	1.15
21	1.18	-.07	.56	1.27	-.50	.26	1.18	.39	.77	2.03	.84	1.50
22	.97	-.44	.28	.95	.05	.58	1.53	.81	1.19	2.61	.57	1.64
23	1.30	-.18	.65	.91	-.08	.26	2.09	.59	1.35	1.80	.00	1.03
24	1.01	-.11	.36	.86	.26	.51	1.83	.38	1.17	1.66	-.04	.92
25	.92	.16	.56	1.24	.27	.71	1.76	-.04	1.02	.89	-.26	.45
26	.93	.38	.64	1.26	-.14	.69	1.47	-.22	.76	1.52	-.10	.83
27	1.27	.13	.78	1.54	-.11	.83	1.67	-.18	.80	1.35	.57	1.05
28	1.29	-.29	.71	1.63	-.22	.85	1.54	-.12	.81	1.84	.70	1.34
29	.98	-.56	.35	1.62	-.37	.72	.91	-.16	.35	2.13	1.28	1.83
30	1.59	-.56	.69	1.42	-.41	.56	1.84	-.19	.82	2.00	1.49	1.72
31	---	---	---	1.69	-.34	.69	1.25	.65	.97	---	---	---
MONTH	2.22	-.65	.85	2.15	-.93	.51	2.09	-.35	.75	2.77	-.26	1.40

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- May 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1997 to current year.

WATER TEMPERATURES: May 1997 to current year.

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

REMARKS.--Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 36,900 microsiemens, Feb. 26, 2000; minimum, 3,110 microsiemens, Feb. 8, 1998.

WATER TEMPERATURE: Maximum, 34.6° C, Aug. 19, 2000; minimum, 5.6°C Dec. 30, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 36,900 microsiemens/cm, Feb. 26; minimum, 7,680 microsiemens/cm, Sept. 26.

WATER TEMPERATURE: Maximum, 34.6°C, Aug. 19; minimum, 7.1°C, Jan. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22800	20600	21300	22300	18800	20300	---	---	---	25200	20100	23100
2	22300	20900	21700	19200	18400	18800	---	---	---	25600	20700	23800
3	23700	21400	22600	19300	18400	19000	---	---	---	29000	23700	25400
4	23800	21500	23000	19300	18200	18700	---	---	---	30000	20900	25500
5	23800	21700	22900	19300	18500	19000	---	---	---	24300	20200	22400
6	25500	21700	23900	19300	18700	19000	---	---	---	27500	22500	24900
7	26500	25000	25700	19400	18200	18800	---	---	---	27600	23100	25700
8	27600	25700	26500	20400	18700	19100	31500	29400	30300	27500	23200	25800
9	27100	23800	25300	22400	19900	20800	30300	27200	29200	27900	23300	25900
10	24600	19700	22900	23200	21400	22100	30100	25600	27800	27100	23200	25100
11	24400	19600	20800	23200	20900	22100	30700	26600	29100	26400	22200	24500
12	22500	19000	20300	22800	21000	22000	31000	27000	29400	26400	23000	25300
13	20400	18100	19100	24100	22000	23000	31700	24000	27100	27500	24600	26200
14	19700	18200	19000	23700	21000	22300	27000	24200	25700	30600	26400	29000
15	20300	18100	19100	22000	20800	21500	27600	22900	25000	30200	27800	29300
16	21300	18200	19900	22400	21100	21800	28100	23100	25800	28000	24800	26400
17	19800	17100	18500	23800	21500	22700	28500	25700	27100	29300	24600	26900
18	18400	16700	17600	24100	22300	22800	30600	28000	29200	29200	24000	25800
19	19600	16600	18000	24500	23800	24100	28000	23300	24900	28900	23200	25100
20	17400	16600	17100	---	---	---	27900	22800	25800	27900	22300	24500
21	19800	17000	18500	---	---	---	32800	25000	29200	29900	25800	27800
22	17500	17000	17300	---	---	---	26000	22900	24500	30400	26000	28100
23	17300	17000	17100	---	---	---	27000	22600	24600	30100	23500	26600
24	19000	17100	18300	---	---	---	24400	21300	22900	27900	21200	24200
25	18800	17600	18200	---	---	---	24400	20900	22300	22300	20500	21200
26	18900	17600	18200	---	---	---	23900	20300	21700	21200	20300	20700
27	18900	17700	18200	---	---	---	20800	19000	20200	28600	21200	25900
28	19200	18000	18400	---	---	---	20100	18700	19400	31600	26400	29500
29	19200	18400	18800	---	---	---	19900	18700	19100	26400	22900	23900
30	20800	19100	20000	---	---	---	22500	19600	21000	25400	21500	22600
31	22900	19700	21500	---	---	---	24500	20700	22700	24500	21200	22700
MONTH	27600	16600	20300	---	---	---	---	---	---	31600	20100	25300

MISSISSIPPI RIVER DELTA

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	24700	21200	23300	33900	28800	30900	27400	20400	23400	20600	19100	20000
2	24500	21000	22700	32100	27600	29700	27300	20700	23800	21500	20300	20800
3	24100	20800	22000	32300	27000	28600	26600	20500	24000	24100	20700	22900
4	23200	19600	20800	29100	25600	26800	20800	14700	17100	24800	21600	23800
5	22300	20100	21200	29800	26600	28400	17500	14700	16500	24800	22800	24100
6	22400	19800	21300	31200	28500	30200	17600	15200	16100	24500	22400	23800
7	22900	20100	22000	32000	30000	31100	20600	15200	17700	24400	21700	23100
8	23200	20400	22300	32900	31500	32100	16800	13500	14800	24000	21200	22500
9	23300	20100	22100	31900	29100	30800	24400	13200	18300	23000	21000	22000
10	25400	21500	22900	33500	28400	30800	20500	15900	17700	22000	20500	21300
11	26600	23700	24800	30200	27100	28400	21400	16600	18700	21600	20300	21000
12	28600	24300	26100	31200	25600	27900	21400	17500	19700	22300	20100	21100
13	31200	24600	28000	32700	25600	29100	21100	17500	19200	21800	19000	20500
14	30200	23600	27000	32100	27200	30300	21600	16600	19200	23000	18700	21100
15	32200	23700	28500	33300	30200	31500	21500	19200	20200	23600	20800	22200
16	32200	25200	28600	33200	28800	30500	20400	17700	19100	22600	20500	21400
17	32000	25500	28900	31300	29200	30500	17800	15200	16600	23200	20600	21900
18	33100	26700	30000	31300	27400	29000	18600	15100	16600	23400	21300	22500
19	33200	26100	28500	29100	21300	25000	18900	15600	16900	23100	21500	22300
20	31300	27000	28800	21900	20300	21200	17300	15300	16300	23000	21300	22100
21	31900	29100	30700	23100	20600	21900	15500	14400	15100	22100	20800	21400
22	33500	30000	31000	23300	18700	21800	21000	14400	17500	21400	20000	20700
23	34900	31000	33300	24700	18700	21700	21700	16200	18700	21400	19400	20400
24	35300	32600	33800	24800	19000	22300	20800	16500	17500	21000	19200	20000
25	36800	33100	35000	24800	18300	21000	19200	16500	17600	21200	18800	20100
26	36900	33600	35500	20500	17300	18200	18400	17200	17800	23000	20100	21400
27	35000	29600	31700	17300	14900	16200	17900	16700	17400	23100	21500	22500
28	34700	31800	33200	21700	15300	18300	16900	15500	16400	22000	19000	20600
29	34200	29400	32100	24500	16100	20600	20100	16500	18000	21900	18900	19900
30	---	---	---	23800	17100	19700	20400	17400	19100	25000	19400	22700
31	---	---	---	21800	17900	19700	---	---	---	30400	22100	26700
MONTH	36900	19600	27500	33900	14900	25900	27400	13200	18200	30400	18700	21800

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	32400	25900	29500	19800	14800	16800	16600	12700	14500	13600	11200	12400
2	31800	27100	29200	19500	14400	16400	16800	12600	14700	12500	10100	10900
3	29800	24200	27300	20300	14900	17100	15700	12300	13500	13800	11400	12300
4	26800	22500	25200	21800	15400	18000	13400	11900	12600	15600	12600	14200
5	25400	21700	23100	20300	16100	18100	12300	11000	11500	14700	11700	13500
6	24100	20900	22300	18100	15800	16600	11800	10900	11200	21500	12000	18700
7	27600	22400	25200	16100	14200	14900	15700	11700	14700	22900	16700	21000
8	27700	24000	25900	15100	13600	14300	16400	12700	15400	19600	15100	17800
9	28300	25700	26800	14300	12400	13600	15700	12000	14300	18200	13500	16400
10	28600	26500	27500	14200	12500	13200	13800	11200	12600	15900	13500	14800
11	31600	27500	29200	13600	12100	12800	17600	11200	14100	16300	13400	14900
12	29600	26800	28600	12800	11600	12300	15300	12400	13800	15100	12100	13600
13	28600	24800	27100	12500	11200	11900	19600	12200	15900	12700	10800	12100
14	27300	24300	25900	12000	10100	11300	19400	13400	16300	11400	10100	10900
15	29300	24100	26700	15700	9960	12200	15500	12500	13900	11500	9400	10300
16	31500	24000	27300	15300	11300	12800	13500	12100	12800	14000	9560	12500
17	33000	24600	29200	13300	11000	12100	13800	11400	12500	14600	13400	14100
18	31800	26500	29200	13400	10800	11500	13600	11600	12400	16200	10500	13300
19	30700	26400	28500	12400	10700	11400	12200	10200	10900	11800	10100	10700
20	28500	24300	26100	12800	10700	11500	10600	9390	9800	12300	9390	10800
21	25000	23000	24100	16500	10400	11700	12700	9430	10900	13700	10400	12500
22	23000	21000	22000	15100	11500	12900	17200	12700	15400	15500	10800	13500
23	24500	20100	22000	14500	10100	11300	17800	12600	15000	12900	10200	11600
24	24400	19800	21300	11900	10100	10600	16400	12600	14700	10900	9880	10300
25	21600	20300	21000	13500	10500	11800	16100	12300	14300	10300	8000	8980
26	21000	18700	19400	14900	11400	13100	14900	12000	13300	9560	7680	8480
27	20600	18400	19400	15800	11400	14100	15500	12000	13400	---	---	---
28	20600	17700	19400	17300	12200	14900	15300	12100	13700	---	---	---
29	18500	16400	17700	17200	12700	15100	12400	10900	11800	---	---	---
30	19500	16000	17300	16200	12500	14500	16000	10800	12400	---	---	---
31	---	---	---	17100	12500	14600	15300	13200	14100	---	---	---
MONTH	33000	16000	24800	21800	9960	13700	19600	9390	13400	---	---	---

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.6	21.6	22.4	22.7	21.3	22.0	---	---	---	17.8	15.8	16.4
2	24.8	22.0	22.9	21.6	17.9	19.9	---	---	---	20.0	16.8	17.8
3	26.4	24.0	24.9	17.9	14.2	15.3	---	---	---	21.9	19.2	20.0
4	26.2	25.6	25.9	16.4	15.3	15.7	---	---	---	21.2	17.0	20.0
5	25.9	24.7	25.3	18.1	15.9	16.9	---	---	---	17.0	11.1	12.8
6	24.9	22.3	23.5	19.1	16.5	17.7	---	---	---	13.4	11.4	12.1
7	25.5	23.4	24.5	19.7	16.9	18.4	---	---	---	14.4	11.9	12.7
8	25.5	24.8	25.1	21.1	18.6	19.7	15.8	13.8	14.5	16.4	12.4	13.4
9	25.3	24.9	25.0	22.5	19.9	21.0	18.9	15.2	16.8	19.5	14.7	16.0
10	25.8	25.1	25.4	23.1	21.1	21.9	18.2	16.9	17.8	19.5	18.3	18.9
11	25.9	25.3	25.7	23.4	21.9	22.7	18.0	16.1	17.0	20.1	17.8	18.6
12	26.0	25.2	25.5	23.0	21.6	22.1	19.5	17.2	18.2	21.1	18.6	19.8
13	26.5	25.4	25.8	22.2	20.9	21.5	19.5	16.6	18.5	21.7	18.6	20.7
14	26.7	25.8	26.1	22.4	20.9	21.8	17.4	15.8	16.5	18.6	13.6	16.0
15	26.5	25.7	26.0	21.5	19.1	20.8	16.9	13.1	16.1	15.6	13.3	14.4
16	27.2	25.4	26.0	19.1	17.6	18.4	14.1	12.7	13.4	16.9	14.2	15.5
17	27.7	26.1	26.7	18.5	17.0	17.6	13.9	12.3	13.1	18.3	15.8	17.0
18	27.5	24.7	25.4	18.6	16.4	17.0	13.9	13.2	13.4	19.7	17.1	18.1
19	25.4	23.4	24.0	18.8	18.4	18.5	13.6	12.7	13.0	20.3	18.1	19.0
20	23.8	20.1	21.7	---	---	---	14.1	12.2	12.7	20.1	15.7	18.3
21	20.1	17.7	19.0	---	---	---	13.3	12.6	12.9	15.7	13.0	14.1
22	20.2	18.8	19.4	---	---	---	12.6	11.0	11.6	16.4	12.7	14.4
23	20.2	19.1	19.7	---	---	---	12.6	10.7	11.4	18.4	15.9	16.9
24	19.1	15.7	16.7	---	---	---	12.5	10.5	11.6	17.2	12.3	15.1
25	17.4	16.2	16.7	---	---	---	12.5	10.7	11.4	12.7	10.0	11.2
26	18.5	16.6	17.4	---	---	---	11.7	9.9	10.8	10.4	7.1	8.5
27	19.8	17.6	18.6	---	---	---	12.2	9.7	10.6	9.1	7.7	8.4
28	20.8	19.3	19.9	---	---	---	12.5	10.7	11.5	11.3	8.9	10.1
29	21.9	20.4	21.1	---	---	---	13.3	10.3	11.4	11.3	10.5	10.8
30	22.0	21.5	21.8	---	---	---	14.6	11.7	12.6	11.3	9.5	10.2
31	22.6	21.8	22.1	---	---	---	16.4	14.0	14.7	10.1	9.1	9.7
MONTH	27.7	15.7	22.9	---	---	---	---	---	---	21.9	7.1	15.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	9.2	9.6	23.1	20.0	21.6	23.1	22.1	22.6	25.4	23.4	24.3
2	12.6	9.6	10.7	24.2	21.1	22.6	25.5	22.5	23.6	25.5	23.5	24.3
3	14.6	10.8	12.2	24.1	22.7	23.2	25.0	22.8	24.0	24.7	23.7	24.2
4	14.5	11.7	12.9	22.8	19.7	20.9	22.8	19.4	20.9	26.1	23.1	24.5
5	12.5	10.1	11.2	21.8	18.4	19.7	21.3	17.8	19.3	26.5	24.2	25.4
6	14.6	10.0	11.4	22.1	18.9	20.4	21.0	18.0	19.7	26.7	23.9	25.5
7	15.1	11.3	12.7	22.4	19.7	21.2	23.0	19.2	21.0	26.9	24.5	25.8
8	16.1	12.6	13.9	23.3	20.6	21.8	21.4	18.2	20.7	27.5	25.0	26.3
9	18.6	14.0	15.6	24.7	21.8	23.1	18.2	14.4	16.5	28.1	25.8	27.0
10	19.5	14.5	16.6	25.2	22.7	23.9	18.9	15.9	17.4	29.2	26.5	27.7
11	19.0	17.3	18.0	24.1	20.3	23.1	20.5	18.6	19.6	29.5	27.2	28.4
12	21.0	18.1	19.3	20.3	15.9	18.0	22.1	20.4	21.3	29.9	27.6	28.8
13	21.2	19.5	20.3	18.9	16.4	17.6	22.9	21.8	22.3	30.4	28.1	29.0
14	22.7	20.5	21.7	18.7	16.9	18.0	22.4	21.1	21.7	28.8	25.7	27.2
15	22.6	21.1	22.0	18.8	18.3	18.6	24.4	20.9	22.1	27.1	24.5	25.8
16	24.3	21.7	22.6	21.7	18.3	19.8	25.6	22.2	23.6	27.6	24.9	26.4
17	24.7	22.7	23.4	21.6	20.0	20.7	27.0	22.9	24.7	27.7	25.3	26.6
18	25.4	22.7	23.6	22.0	20.1	21.0	26.3	23.7	25.1	28.1	25.5	26.8
19	23.9	20.8	23.0	20.7	19.4	20.2	27.2	23.6	25.7	28.7	26.1	27.5
20	20.8	17.8	18.9	20.6	17.5	19.2	26.4	24.3	25.6	29.1	26.3	27.9
21	19.2	16.7	17.9	21.0	18.2	19.6	26.0	23.7	25.1	28.2	26.5	27.6
22	19.1	16.2	17.8	22.8	19.2	20.7	24.3	20.8	22.8	29.1	26.1	27.8
23	19.6	17.3	18.5	23.3	20.1	21.9	22.7	20.9	22.2	30.1	27.2	28.6
24	21.4	19.0	20.1	23.8	21.0	22.5	25.0	22.3	23.4	30.1	27.9	29.0
25	21.9	19.2	20.7	24.9	21.7	23.3	23.6	20.1	22.4	30.7	28.0	29.4
26	22.9	20.6	21.8	24.4	22.8	23.5	24.5	21.5	23.1	30.6	28.3	29.7
27	22.3	19.9	21.0	24.2	22.1	23.0	25.5	23.0	24.1	30.4	28.3	29.3
28	20.5	17.7	19.4	23.5	21.0	22.5	26.8	23.4	24.7	30.6	28.7	29.6
29	21.2	18.2	19.8	23.7	22.0	23.0	25.5	22.6	24.3	30.5	27.5	29.6
30	---	---	---	26.4	23.3	24.7	25.4	23.7	24.6	30.1	27.9	29.1
31	---	---	---	24.3	21.5	23.2	---	---	---	29.3	27.2	28.3
MONTH	25.4	9.2	17.8	26.4	15.9	21.4	27.2	14.4	22.5	30.7	23.1	27.3

MISSISSIPPI RIVER DELTA

073745258 COW BAYOU AT AMERICAN BAY NEAR POINTE A LA HACHE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.5	26.3	27.7	29.3	27.4	28.2	28.7	27.1	28.1	32.5	29.8	30.9
2	29.8	26.6	28.2	29.8	26.8	28.3	29.5	27.4	28.4	31.6	29.4	30.4
3	29.6	27.4	28.7	30.6	27.9	29.4	28.5	27.0	27.9	32.6	29.2	30.7
4	28.7	26.8	28.0	30.7	28.5	29.6	28.9	27.1	27.7	33.1	30.9	31.7
5	28.1	27.2	27.7	31.3	28.7	30.0	30.6	28.5	29.1	33.0	31.6	32.1
6	28.3	26.5	27.8	32.8	29.3	31.0	31.8	29.2	30.2	31.6	27.4	29.5
7	27.8	24.8	26.6	33.0	30.2	31.6	31.5	30.1	30.7	28.8	26.8	27.5
8	28.5	25.7	27.2	33.2	30.8	32.0	32.0	29.4	30.5	28.6	26.9	27.6
9	29.0	27.0	28.1	32.8	31.2	31.9	32.9	30.0	31.1	28.5	26.5	27.3
10	29.1	27.0	28.0	32.9	30.6	31.6	32.1	30.1	30.7	29.8	27.6	28.7
11	29.4	27.3	28.4	33.4	30.2	31.5	31.0	28.5	29.7	30.4	28.5	29.4
12	29.9	27.7	28.6	33.3	30.3	31.4	31.1	28.6	30.2	30.0	28.4	29.2
13	29.9	27.9	28.7	33.1	29.4	31.7	31.6	29.1	30.5	29.9	29.1	29.5
14	30.3	27.6	29.1	33.0	29.4	31.6	30.7	29.2	30.2	30.3	28.8	29.6
15	29.9	27.9	28.9	32.8	29.2	31.3	31.6	29.2	30.5	31.2	29.1	30.2
16	29.1	27.2	27.9	33.4	29.9	31.8	32.5	29.5	31.1	30.7	26.5	28.2
17	28.5	26.1	27.3	31.7	28.9	30.3	33.5	30.0	31.8	26.6	24.8	25.6
18	29.9	27.3	28.5	31.8	29.4	30.7	34.0	30.6	32.4	27.0	24.6	25.8
19	29.6	28.1	29.0	31.0	29.1	30.3	34.6	31.6	33.0	27.7	25.5	26.7
20	30.7	28.0	29.4	32.9	29.3	31.1	33.4	30.8	31.8	29.0	26.6	27.7
21	31.3	29.0	30.1	32.9	29.8	31.4	33.0	29.5	30.8	29.2	28.0	28.5
22	32.5	29.8	31.0	32.9	29.9	31.2	32.3	28.3	30.5	28.6	27.7	28.1
23	33.3	29.7	31.5	30.4	29.3	29.9	30.7	28.2	29.2	29.8	27.6	28.6
24	33.0	30.5	31.9	30.9	27.7	29.4	31.2	29.4	30.1	30.7	28.0	29.2
25	32.1	30.1	31.1	30.5	28.0	29.7	32.4	29.5	30.7	30.5	26.5	29.4
26	31.3	29.5	30.3	31.2	29.0	29.9	32.5	29.9	31.2	26.5	21.6	22.7
27	30.6	28.6	29.4	31.1	29.1	30.3	32.4	30.2	31.3	---	---	---
28	31.0	28.6	29.7	31.5	29.1	30.5	32.5	30.0	31.4	---	---	---
29	31.0	28.6	29.7	31.6	29.2	30.7	32.7	31.1	32.0	---	---	---
30	30.3	28.6	29.2	31.5	28.8	29.7	32.0	29.8	31.1	---	---	---
31	---	---	---	29.3	28.1	28.6	32.8	30.0	31.4	---	---	---
MONTH	33.3	24.8	28.9	33.4	26.8	30.5	34.6	27.0	30.5	---	---	---

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

LOCATION.--Lat 29°38'12", long 89°33'49", Plaquemines Parish, Hydrologic Unit 08090203, on a three-pile platform 13 miles northeast of Pointe a la Hache.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--March 1992 to September 1998. December 1998 to current year.

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

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to Oct. 1, 1995, datum of gage was 8.4 ft below sea level. (Levels determined by Global Positioning System).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 7.49 ft, Sept. 27, 1998; minimum, -3.01 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.29 ft, Oct. 7, 8; minimum elevation, -1.34 ft, Jan. 4.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.79	.89	1.83	1.74	.17	1.03	2.01	1.20	1.57	1.44	-.35	.58
2	2.49	1.07	1.82	.87	-.57	.14	2.14	1.27	1.60	1.41	-.24	.59
3	2.64	1.11	1.96	1.02	.24	.67	2.54	1.38	1.96	1.62	-.01	.86
4	2.59	1.58	2.08	1.00	.34	.61	2.60	1.86	2.22	1.46	-1.34	-.36
5	2.65	1.22	2.00	1.15	.21	.73	2.40	1.28	1.74	1.05	-.23	.31
6	2.74	1.68	2.39	1.15	.34	.88	2.48	.65	1.34	1.34	-.49	.42
7	3.29	2.19	2.77	1.41	.17	.82	2.53	.80	1.64	1.35	-.37	.43
8	3.29	2.17	2.65	1.94	.41	1.13	2.53	1.20	1.80	1.75	-.15	.71
9	2.44	1.54	2.05	2.47	.50	1.39	2.50	.97	1.75	1.76	-.20	.72
10	1.99	1.02	1.61	2.47	.69	1.58	2.45	.03	1.07	1.68	-.24	.50
11	2.21	1.42	1.83	2.35	.57	1.37	2.21	.39	1.36	1.10	-.17	.49
12	2.27	1.07	1.64	2.14	.78	1.41	2.29	.68	1.45	.88	-.06	.45
13	2.07	.99	1.57	2.29	.92	1.61	2.29	-.87	.41	.88	.23	.56
14	2.04	1.02	1.53	2.11	.37	1.15	1.23	.14	.77	1.53	.44	1.12
15	2.20	.96	1.55	1.50	.50	1.02	1.23	-.61	.22	1.16	.43	.81
16	2.26	.84	1.53	2.05	.75	1.41	1.13	.43	.80	1.15	-.35	.44
17	1.86	.36	1.12	2.01	1.01	1.54	1.40	.37	.78	1.49	-.26	.67
18	1.74	.43	1.08	1.89	1.24	1.53	1.62	.56	1.06	1.20	-.71	.33
19	1.78	.36	1.10	2.12	1.48	1.73	1.47	.07	.77	1.45	-.89	.27
20	1.38	.57	1.07	2.12	1.44	1.75	3.09	-.21	1.03	1.57	-.94	.13
21	1.80	.41	1.23	2.54	.97	1.83	3.09	.87	1.67	1.67	.01	.76
22	1.32	.21	.85	3.00	.95	1.94	1.96	-.58	.67	1.74	.01	.96
23	1.34	-.08	.57	2.98	.85	1.88	1.94	-.41	.63	1.82	-.47	.59
24	1.24	.68	1.02	2.73	.37	1.56	1.23	-1.32	-.17	1.82	-.18	.39
25	1.44	.18	.82	2.73	.29	1.49	1.12	-.49	.30	.57	-.45	-.01
26	1.66	-.06	.81	2.41	.47	1.35	1.00	-1.05	-.13	.49	-.35	.01
27	1.72	-.28	.74	2.51	.57	1.48	.23	-.78	-.21	1.34	.47	.95
28	1.89	-.20	.79	2.18	.49	1.28	.24	-.49	-.10	3.25	.78	2.10
29	2.20	.42	1.33	1.81	.63	1.15	.65	-.31	.03	1.20	-.05	.59
30	2.41	.82	1.68	2.23	1.36	1.85	.84	-.15	.30	1.03	-.44	.33
31	2.51	.86	1.51	---	---	---	1.21	-.07	.60	1.14	-.26	.54
MONTH	3.29	-.28	1.50	3.00	-.57	1.31	3.09	-1.32	.93	3.25	-1.34	.56

MISSISSIPPI RIVER DELTA

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

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.39	-.13	.61	1.15	-.13	.60	2.12	.70	1.46	1.41	.71	1.08
2	1.14	-.39	.39	1.50	-.48	.57	1.94	.68	1.26	1.56	.80	1.22
3	1.02	-.60	.22	1.14	-.10	.54	1.91	.28	1.22	1.85	.39	1.36
4	.84	-1.10	-.02	1.16	-.55	.36	.94	-.45	.23	2.28	.63	1.46
5	.78	-.32	.13	1.28	.22	.71	1.11	-.10	.72	2.51	.39	1.69
6	.87	-.72	.08	1.29	.17	.77	.98	-.10	.51	2.50	.17	1.44
7	.87	-.57	.16	1.18	.31	.82	1.57	-.01	.87	2.11	.09	1.14
8	.64	-.43	.22	1.40	.72	1.05	.98	-.28	.30	2.01	.01	1.08
9	.44	-.45	.07	1.24	.50	.94	2.32	-.22	1.07	1.82	-.05	.94
10	.53	.08	.30	1.49	.45	1.05	1.80	-.52	.67	1.66	-.17	.82
11	.79	.22	.42	1.22	-.25	.73	2.02	.13	1.09	1.46	.06	.83
12	1.00	.08	.55	1.74	-.37	.79	2.00	.23	1.15	1.36	.34	.91
13	1.62	.00	.85	1.84	-.24	.93	1.66	-.04	.91	1.25	.45	.77
14	1.50	-.25	.71	1.94	.05	1.12	2.19	.27	1.37	1.75	.56	1.14
15	1.98	-.35	.91	3.02	.68	1.82	1.85	1.22	1.48	1.83	.27	1.12
16	1.62	-.43	.67	2.44	.63	1.42	1.59	.66	1.03	1.60	.43	.94
17	1.92	-.45	.74	1.79	.20	1.22	1.02	.11	.57	1.80	.34	1.15
18	1.92	-.16	.86	2.06	.20	1.03	1.58	-.03	.90	2.05	.17	1.19
19	1.64	-.44	.55	2.26	.47	1.15	1.61	.04	.85	1.78	.18	1.09
20	1.33	.31	.62	1.24	.58	.87	1.36	-.25	.72	1.90	-.24	1.05
21	1.00	.28	.62	1.49	.78	1.15	1.44	-.27	.48	1.71	-.33	.75
22	1.23	.41	.75	1.15	.12	.82	2.03	-.02	1.11	1.67	-.35	.71
23	1.36	.39	.96	1.69	.20	1.00	2.50	-.07	1.28	1.58	-.37	.54
24	1.25	.62	.87	1.56	.47	1.01	1.49	.28	.87	1.20	-.28	.48
25	1.55	.63	1.12	1.60	.16	.94	1.62	.17	.95	1.48	-.18	.68
26	1.63	.63	1.11	1.58	.11	.81	1.60	.18	.83	1.35	.22	.88
27	1.33	-.11	.62	1.40	.09	.72	1.37	-.11	.59	1.16	.46	.78
28	1.65	.48	1.07	1.79	.65	1.24	.98	-.35	.36	.88	-.05	.41
29	1.58	-.05	.78	2.09	.37	1.29	1.51	.73	1.09	1.25	.05	.64
30	---	---	---	1.59	.49	1.06	1.48	.40	1.02	1.68	.35	1.03
31	---	---	---	1.55	.60	1.21	---	---	---	1.90	.57	1.38
MONTH	1.98	-1.10	.58	3.02	-.55	.96	2.50	-.52	.90	2.51	-.37	.99
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	2.10	.46	1.37	2.00	-.39	.93	1.90	-.18	.96	1.34	.80	1.07
2	1.90	-.35	1.09	2.25	-.37	1.12	1.82	.05	1.11	1.75	.65	1.06
3	1.95	-.57	.85	2.33	-.18	1.22	1.46	.48	1.01	1.98	.94	1.46
4	1.81	-.61	.63	2.39	.10	1.29	1.18	.48	.94	1.91	.99	1.41
5	1.51	-.66	.46	1.98	.23	1.14	.81	.49	.69	1.91	1.00	1.46
6	1.65	-.54	.71	1.47	.26	.92	1.12	.47	.80	2.72	1.80	2.30
7	2.23	-.20	1.18	1.37	.16	.82	1.47	.51	1.02	2.98	1.69	2.36
8	2.00	.11	1.13	1.35	.46	.90	1.80	.63	1.20	2.64	1.54	2.06
9	2.04	.57	1.34	1.26	.27	.81	1.76	.35	1.12	2.55	1.06	1.88
10	1.73	.91	1.29	1.37	.22	.89	1.56	-.17	.90	2.38	1.18	1.88
11	2.09	.89	1.35	1.17	.07	.70	2.10	.25	1.21	2.74	1.42	2.03
12	1.45	.55	1.11	1.15	-.27	.58	1.70	.30	1.06	2.48	1.03	1.80
13	1.52	.15	.96	.96	-.68	.31	2.15	.44	1.32	2.15	1.18	1.68
14	1.70	.17	1.01	.82	-.64	.15	1.97	.21	1.19	2.18	1.16	1.69
15	1.77	.08	1.04	1.92	-.41	.78	1.60	-.16	.89	2.28	1.29	1.70
16	2.20	.13	1.17	1.58	-.23	.70	1.41	-.14	.74	2.79	1.76	2.38
17	2.10	.23	1.34	1.17	-.48	.43	1.47	.16	.87	2.75	2.07	2.36
18	---	---	---	1.40	-.48	.48	1.46	.33	.94	3.15	1.39	2.01
19	2.22	.72	1.63	---	---	---	1.07	.27	.64	2.05	.74	1.38
20	---	---	---	---	---	---	.98	.49	.66	2.28	.72	1.60
21	---	---	---	---	---	---	1.53	.70	1.14	2.55	1.15	1.89
22	---	---	---	1.24	.42	.81	2.09	1.04	1.51	3.16	.80	1.97
23	---	---	---	---	---	---	2.50	.75	1.56	2.17	.09	1.27
24	---	---	---	---	---	---	2.22	.58	1.41	2.06	.11	1.19
25	---	---	---	---	---	---	2.11	.14	1.23	1.46	-.54	.67
26	1.24	.62	.97	---	---	---	1.83	-.05	1.04	1.73	.11	1.04
27	1.53	.40	1.05	---	---	---	2.02	.11	1.12	1.47	.88	1.18
28	1.62	-.17	.94	---	---	---	1.90	.03	1.11	1.86	1.03	1.47
29	1.37	-.41	.62	---	---	---	1.34	.10	.71	2.23	1.59	1.91
30	1.93	-.29	.95	---	---	---	2.16	.26	1.23	2.09	1.47	1.77
31	---	---	---	2.02	-.32	.92	1.73	.88	1.29	---	---	---
MONTH	---	---	---	---	---	---	2.50	-.18	1.05	3.16	-.54	1.66

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

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1992 to current year.

WATER TEMPERATURES: June 1992 to current year.

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

REMARKS.--Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 44,600 microsiemens, Oct. 8, 1999; minimum, 291 microsiemens, Mar. 3, 1994.

WATER TEMPERATURE: Maximum, 33.6°C, Aug. 2, 1999; minimum, 2.1°C Jan. 18, 1997.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 44,600 microsiemens/cm, Oct. 8; minimum, 14,700 microsiemens/cm, Sept. 25.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 18; minimum, 9.0°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	40300	34400	36400	39400	31400	36100	40300	38500	39300	36100	31000	34100
2	37700	33600	36400	33800	27500	30000	39700	38400	38800	36300	32100	34300
3	40000	34400	37100	37600	32900	35800	40500	39400	39900	36300	32500	34300
4	40100	37200	38300	37500	34700	35900	40700	40100	40400	35300	26400	30200
5	40800	35400	38100	37800	35600	37000	40700	38900	40100	37600	31100	34400
6	41000	35400	39400	39400	36500	37500	40400	36300	38100	38500	33600	36100
7	44600	38900	41500	40500	35600	37500	40800	38000	39700	38600	34300	36700
8	44600	37900	41900	42000	37400	39500	41700	39100	40100	38900	35900	37700
9	41300	36100	38000	42000	38100	40700	41800	38200	39800	38900	34800	36900
10	36200	31700	33900	42000	40500	41500	40600	35300	38200	37100	32700	34700
11	35700	31300	34200	42000	40100	41100	40500	37500	39200	35500	32500	33900
12	35800	29100	32900	41800	38500	40700	41100	38300	39800	34200	32700	33300
13	34500	27800	30800	41600	39200	40900	40300	31400	36100	34700	32500	33800
14	31400	28800	29800	41600	37700	39900	38400	33600	36400	38400	34700	37100
15	32100	26900	29500	39500	35100	37900	37800	30500	34400	38400	36700	37400
16	32800	27600	30400	40900	38200	39800	39400	34500	37700	36800	32800	34900
17	30300	26100	27800	41500	40100	40900	39800	37500	38600	37100	33400	35500
18	29600	25200	27800	41400	39900	40400	40200	38600	39500	36700	32600	34700
19	30900	24800	27900	41500	40500	41100	39400	35500	37800	36400	30800	33800
20	31200	26900	30000	41400	40600	41100	40200	35600	38200	39200	29800	33300
21	33700	29600	31800	41300	39500	40700	41700	36400	39000	39900	36900	38600
22	34900	28600	31300	41600	39600	40900	39800	32500	35800	40900	38500	39500
23	32200	21600	26200	41600	40100	41100	39900	32100	35600	39200	34700	36900
24	36400	27600	32000	41300	38400	40400	36700	27900	31800	38800	32100	35500
25	37100	27300	31300	41300	36800	39900	35800	30600	33500	37000	28800	34100
26	38200	29100	33500	41100	36700	39200	35300	27200	31100	39700	33600	36400
27	38200	31700	35400	41000	37900	39600	30700	27300	29700	43100	38400	41000
28	38500	31800	35400	40700	36600	38700	31200	29200	30500	42700	39400	40400
29	40400	35800	38200	39100	35800	37400	33800	29500	31000	40500	37400	38800
30	41600	37600	40100	40300	38600	39800	33800	31200	32500	38900	34000	36700
31	41600	37500	39800	---	---	---	36300	30800	33600	39600	34800	37500
MONTH	44600	21600	34100	42000	27500	39100	41800	27200	36700	43100	26400	35900

MISSISSIPPI RIVER DELTA

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	39800	35400	37600	36600	35000	36100	30200	29500	29900	26200	25700	26000
2	39200	35200	37300	36800	33400	35300	30100	28700	29400	26200	24400	25300
3	39200	34800	36800	36700	33900	35100	28800	27300	28100	25400	24700	25100
4	38300	31800	35200	35800	31800	33700	28400	23300	25600	26200	24600	25400
5	38700	34700	36900	36300	34500	35400	29300	25700	28000	26200	24700	25700
6	38800	35000	36800	36700	34600	36100	28500	23900	26700	26300	24800	25800
7	39400	35200	37200	36700	35900	36400	29000	23900	26900	25600	24500	25000
8	38200	34700	36900	37100	36300	36700	27700	24300	25800	24900	24500	24700
9	37400	33300	35600	36500	34800	36000	32300	27000	30200	24900	24000	24500
10	35900	34900	35500	36500	34700	35400	32100	26100	29700	24700	23800	24200
11	35800	34100	35100	35900	33700	35200	31800	28500	30200	24300	23500	24000
12	35800	34000	35000	38900	33300	36400	31600	28800	30300	23800	22700	23300
13	36300	34200	35300	38900	35200	36700	31100	28700	29600	24000	22300	23200
14	36600	33600	35200	38900	35900	37500	30600	27000	29200	24300	22500	23400
15	37100	34300	35900	38800	34500	36900	30600	29200	29900	24100	22800	23400
16	36900	34400	35900	37300	34400	36500	29900	26700	28700	24400	23300	23800
17	37000	34400	35900	36800	35900	36400	27600	20700	24600	24500	23600	24000
18	37100	34300	35900	36800	34400	35700	26100	22800	24900	23700	23000	23400
19	36800	33600	35000	35900	29200	33200	27600	23200	25500	23700	22800	23300
20	36200	34800	35500	33100	29200	30900	26600	21700	24800	23600	22900	23200
21	36700	34500	35800	34000	30700	32400	25400	21200	22500	23500	22500	22900
22	37100	35000	36100	32300	25700	31000	26800	21500	25000	23100	22200	22600
23	37100	36000	36600	32100	26700	30300	26900	23400	25600	23300	22300	22900
24	36900	36500	36700	30800	29200	29900	26400	24200	25400	23300	22100	22900
25	36800	36300	36600	29900	27900	28800	26100	23500	25300	23500	21600	22800
26	36900	36000	36600	29600	26400	27800	26200	23900	25400	24200	23300	23700
27	36500	35100	35900	27900	23000	25500	25700	22500	24000	24500	23700	24100
28	37400	36300	36700	30500	24600	28600	23800	21000	22500	24700	22300	23900
29	36800	35300	36300	30300	25200	28500	26200	23800	25100	27500	22300	24900
30	---	---	---	29800	27200	28500	26300	24100	25400	31000	25400	28300
31	---	---	---	30100	26800	28900	---	---	---	36200	26900	32800
MONTH	39800	31800	36100	38900	23000	33300	32300	20700	26800	36200	21600	24500

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	36900	30200	34200	27500	22400	25000	31100	26000	28900	27300	24800	26200
2	35200	27000	32400	28100	22200	25500	31000	27900	29100	25400	21700	23500
3	34300	26100	30200	29600	24000	26300	29300	25900	28300	27000	24000	25400
4	32400	24900	28500	29200	24300	26500	28800	23700	27400	27100	24700	26200
5	29000	24100	26800	27600	24700	26000	28200	22700	27000	28400	23400	25700
6	32300	23000	27900	26000	24500	25300	31100	24900	28100	33700	25300	30600
7	33000	26200	30700	25600	22700	24400	27300	25400	26700	35800	30100	33900
8	33200	27300	30800	26200	22800	24500	28300	25400	27200	34900	29100	32000
9	33600	30200	32200	27100	19000	23500	28100	24700	27000	30800	26500	29300
10	33200	31900	32600	26100	21700	23500	28100	23300	26600	30100	26000	28000
11	33700	31000	31900	24900	21600	23300	30000	23500	27700	30200	26500	28700
12	33000	30800	31900	24900	19700	22700	30000	25400	27800	30100	25300	28000
13	33400	29600	31900	24800	17700	22300	28400	25500	27200	26500	23600	25600
14	34000	30000	31900	25100	17200	21100	29000	26100	27500	27400	23300	25500
15	34100	29400	31600	30400	19300	25400	27700	23900	26400	28100	24300	27300
16	33700	29600	31800	30300	22900	26600	27300	23800	25700	34000	24300	30600
17	33100	29700	31600	26700	21500	24700	28600	24000	26100	35300	29700	32300
18	---	---	---	28400	20700	23700	29200	24600	26500	38500	27300	33000
19	31800	30400	30700	---	---	---	27400	22800	24500	29500	22900	25600
20	---	---	---	---	---	---	26600	21000	23900	28000	23300	25400
21	---	---	---	---	---	---	29500	25000	28100	29900	24900	26900
22	---	---	---	29000	25200	26900	30200	28100	29400	33300	25000	28500
23	---	---	---	---	---	---	31500	27700	29800	27700	20500	24200
24	---	---	---	---	---	---	31200	26900	29100	25400	20900	23300
25	---	---	---	---	---	---	30400	25200	28300	22700	14700	20400
26	27700	25400	26800	---	---	---	28400	23300	26200	29800	16200	24600
27	28500	25200	27000	---	---	---	28800	23700	26000	30000	25300	27800
28	28200	23500	26500	---	---	---	27800	23300	25700	30600	27200	28700
29	26700	21500	24800	---	---	---	25600	19500	23100	32900	28400	31000
30	27900	22100	25300	---	---	---	29100	19300	24500	33500	30300	31800
31	---	---	---	31600	26000	29000	28600	26000	27400	---	---	---
MONTH	---	---	---	---	---	---	31500	19300	27000	38500	14700	27700

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.3	23.3	23.8	22.4	20.8	21.9	15.7	14.4	15.1	14.7	13.6	14.1
2	24.9	23.3	24.0	20.8	17.5	19.5	16.3	14.9	15.6	16.0	14.3	15.1
3	26.1	24.4	25.2	17.6	16.5	17.1	17.1	15.8	16.5	16.6	15.3	16.1
4	26.1	25.6	25.8	18.0	16.0	17.0	17.3	16.9	17.1	17.6	14.7	16.7
5	25.8	24.8	25.4	18.6	17.2	17.9	17.9	16.8	17.5	14.7	12.8	13.4
6	24.8	23.6	24.2	19.1	17.8	18.5	16.8	15.1	15.7	13.3	12.3	12.8
7	25.4	24.1	24.7	19.4	18.3	18.9	15.1	14.3	14.6	13.4	12.3	12.9
8	25.3	25.0	25.1	20.0	18.9	19.4	15.1	14.2	14.7	14.2	12.7	13.5
9	25.8	24.8	25.3	20.9	19.4	20.2	16.5	15.1	15.8	16.2	14.0	15.1
10	26.0	25.5	25.7	22.0	20.4	21.1	16.9	16.0	16.3	17.9	15.6	16.6
11	26.0	25.5	25.8	22.8	21.1	21.9	16.7	15.4	16.1	18.5	16.4	17.3
12	26.2	25.2	25.7	22.2	20.9	21.5	17.6	16.3	17.0	19.1	17.4	18.2
13	27.0	25.5	26.0	22.1	20.8	21.4	18.0	16.9	17.5	19.5	17.9	18.6
14	27.0	25.7	26.3	22.5	21.2	21.7	17.2	16.2	16.7	17.9	14.7	16.0
15	27.2	26.0	26.5	21.6	20.2	21.0	16.8	15.1	16.3	15.5	13.9	14.7
16	27.1	25.9	26.6	20.2	18.8	19.3	15.1	14.0	14.4	16.2	14.9	15.6
17	27.5	26.4	26.9	18.9	18.2	18.5	14.1	13.3	13.8	16.9	15.8	16.3
18	26.9	25.2	25.8	19.1	17.7	18.4	14.2	13.4	13.9	18.0	16.4	17.3
19	25.3	24.1	24.8	19.5	18.5	19.0	13.4	12.9	13.1	19.1	17.5	18.3
20	24.1	21.4	22.7	19.9	19.2	19.5	13.5	12.5	13.1	18.6	16.2	18.0
21	21.4	20.3	20.8	20.6	19.8	20.2	13.5	12.4	13.0	16.2	14.1	14.7
22	20.8	19.9	20.3	21.3	20.2	20.7	12.4	11.5	12.0	15.0	13.8	14.4
23	20.6	19.1	19.9	22.2	20.6	21.3	12.3	11.1	11.7	16.3	15.0	15.6
24	19.1	17.4	18.2	22.9	21.2	21.9	12.7	11.0	11.8	15.8	12.9	14.7
25	18.4	17.0	17.8	21.8	20.1	21.3	11.9	10.6	11.3	12.9	10.9	12.0
26	19.1	17.6	18.5	20.1	18.2	19.0	11.9	10.3	11.1	10.9	9.2	10.1
27	20.3	18.4	19.2	18.2	17.3	17.8	12.1	10.8	11.4	10.1	9.0	9.7
28	21.2	19.3	20.2	18.1	17.0	17.6	11.8	10.6	11.2	11.3	10.1	10.6
29	21.5	20.0	20.7	18.2	17.0	17.5	11.8	10.2	11.0	11.2	10.6	10.9
30	21.9	20.8	21.3	17.2	15.2	16.1	12.9	11.3	11.9	10.6	9.9	10.3
31	22.2	21.3	21.7	---	---	---	13.7	12.4	13.0	10.3	9.3	9.8
MONTH	27.5	17.0	23.4	22.9	15.2	19.6	18.0	10.2	14.2	19.5	9.0	14.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.9	9.3	9.7	21.2	19.6	20.4	23.1	22.5	22.9	24.5	22.6	23.5
2	10.8	9.6	10.2	22.1	20.9	21.4	24.6	22.7	23.5	25.1	23.5	24.2
3	12.1	10.3	11.1	22.2	21.3	21.8	24.3	22.8	23.7	24.8	23.6	24.2
4	12.6	11.1	11.8	22.0	19.7	20.6	22.8	19.6	21.1	25.4	23.8	24.5
5	11.5	10.0	10.9	20.4	19.0	19.8	21.3	18.9	19.9	25.9	24.4	25.0
6	11.7	10.0	10.8	20.7	19.3	20.1	21.1	19.2	19.9	26.2	24.4	25.2
7	12.3	10.9	11.5	21.1	19.7	20.5	22.4	20.0	21.0	26.6	24.5	25.5
8	13.5	11.7	12.4	22.1	20.5	21.3	21.5	18.6	20.7	26.3	24.8	25.5
9	14.8	12.5	13.5	23.4	21.5	22.4	18.8	16.9	18.0	26.7	24.7	25.8
10	15.3	13.5	14.4	24.3	22.8	23.5	19.2	16.5	18.0	27.4	25.5	26.4
11	15.9	14.9	15.4	23.7	20.5	23.1	20.5	18.5	19.5	28.0	26.3	27.1
12	17.3	15.9	16.6	20.5	18.5	19.2	21.9	20.2	21.1	28.1	26.5	27.3
13	18.7	17.3	17.6	19.4	17.8	18.8	22.4	21.7	22.0	28.6	27.0	27.6
14	20.0	18.7	19.5	19.3	18.0	18.7	22.3	21.5	21.9	27.5	26.2	26.8
15	20.3	19.7	20.0	19.1	18.7	18.9	24.3	21.4	22.4	26.5	25.2	25.9
16	21.8	19.8	20.8	20.8	18.7	19.6	25.2	22.5	23.4	27.3	24.9	26.0
17	22.4	20.7	21.7	20.8	19.9	20.4	25.8	23.3	24.4	27.1	25.7	26.2
18	22.9	21.3	22.1	20.9	20.3	20.5	25.7	23.8	24.7	27.4	25.8	26.5
19	23.1	21.0	22.4	20.7	19.3	20.2	26.4	24.4	25.2	28.5	26.3	27.2
20	21.0	18.7	19.5	19.5	17.9	18.8	26.1	24.6	25.3	28.4	26.7	27.4
21	18.9	17.4	18.2	20.4	18.2	19.4	25.3	23.5	24.5	27.7	26.6	27.1
22	18.6	17.0	17.8	21.6	19.1	20.4	24.3	22.8	23.4	28.2	26.0	27.0
23	19.0	17.6	18.3	22.1	20.7	21.5	23.1	22.2	22.7	28.6	26.6	27.6
24	20.3	18.8	19.5	22.9	21.1	22.0	24.4	22.6	23.4	28.7	27.0	27.9
25	21.0	19.5	20.3	23.7	21.6	22.6	23.3	21.8	22.5	29.2	27.4	28.3
26	21.7	20.4	21.1	23.6	22.6	23.0	23.5	21.4	22.5	29.5	27.7	28.6
27	21.4	19.9	20.6	23.2	22.1	22.7	23.9	22.5	23.2	29.7	27.9	28.7
28	20.1	18.9	19.5	23.1	21.6	22.4	24.0	22.5	23.1	29.9	28.0	28.9
29	20.1	18.4	19.3	23.2	22.1	22.7	24.6	22.2	23.4	30.0	28.0	28.9
30	---	---	---	24.8	23.0	23.8	24.5	22.6	23.6	29.7	28.1	28.8
31	---	---	---	23.9	22.4	23.2	---	---	---	29.0	27.7	28.3
MONTH	23.1	9.3	16.8	24.8	17.8	21.1	26.4	16.5	22.4	30.0	22.6	26.7

MISSISSIPPI RIVER DELTA

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.6	27.0	27.7	28.1	27.2	27.5	28.6	27.2	27.8	30.3	28.9	29.4
2	29.1	27.3	28.1	29.0	26.9	27.8	28.6	27.5	28.0	30.1	28.5	29.2
3	29.5	27.7	28.5	29.6	27.7	28.6	27.7	27.0	27.4	30.1	28.2	29.1
4	28.3	27.2	27.9	29.8	28.0	28.9	29.5	27.0	27.8	30.4	29.5	29.9
5	27.9	26.7	27.3	30.2	28.2	29.2	29.5	28.2	28.5	30.5	29.4	30.0
6	28.0	26.6	27.3	30.9	28.8	29.8	30.6	28.8	29.4	29.6	27.0	28.5
7	27.5	26.0	26.7	31.4	29.1	30.3	30.7	29.0	29.8	27.9	26.5	27.2
8	27.7	25.7	26.8	32.1	30.0	30.9	31.3	29.3	30.1	27.6	26.1	26.9
9	28.1	26.6	27.3	31.8	30.7	31.2	31.0	29.6	30.2	27.2	26.1	26.5
10	28.5	26.7	27.5	32.0	30.1	31.0	30.5	28.9	29.9	28.5	27.0	27.7
11	28.7	26.8	27.7	32.0	30.2	31.0	30.2	28.7	29.2	29.0	27.8	28.3
12	29.0	27.6	28.2	32.0	30.1	30.9	30.2	29.3	29.7	28.8	27.7	28.3
13	28.7	27.8	28.2	31.5	29.7	30.7	30.6	29.1	29.7	28.4	27.9	28.2
14	29.5	27.5	28.4	31.6	29.6	30.3	30.3	29.1	29.6	28.8	28.4	28.6
15	28.7	27.8	28.4	31.4	29.6	30.3	30.6	28.8	29.5	29.1	28.5	28.8
16	27.8	26.9	27.5	32.1	29.8	30.7	31.0	28.8	29.8	28.9	26.0	27.4
17	28.2	26.5	27.2	30.5	29.3	30.0	31.6	29.4	30.3	26.0	24.7	25.4
18	---	---	---	30.6	28.9	29.7	32.5	29.8	30.8	25.8	24.4	25.0
19	29.7	27.9	28.8	---	---	---	31.6	29.4	30.5	26.4	25.0	25.6
20	---	---	---	---	---	---	30.8	29.5	30.0	27.8	25.6	26.4
21	---	---	---	---	---	---	31.1	29.5	30.1	27.9	26.5	27.1
22	---	---	---	31.0	29.4	29.9	30.4	28.9	29.7	27.6	26.7	27.1
23	---	---	---	---	---	---	29.1	28.4	28.7	28.6	27.2	27.8
24	---	---	---	---	---	---	29.2	28.3	28.8	29.3	27.7	28.3
25	---	---	---	---	---	---	30.5	28.9	29.5	29.0	25.6	28.0
26	30.2	28.9	29.6	---	---	---	31.1	29.4	29.9	25.6	22.7	24.0
27	29.3	28.8	29.0	---	---	---	30.6	29.6	30.1	23.5	21.9	22.6
28	29.4	28.2	28.7	---	---	---	30.9	29.4	30.1	23.2	21.8	22.6
29	29.1	28.0	28.5	---	---	---	30.6	29.1	29.9	23.1	21.9	22.6
30	28.4	27.5	28.1	---	---	---	30.4	29.0	29.8	23.6	22.0	22.9
31	---	---	---	28.6	27.4	28.0	30.8	29.4	30.0	---	---	---
MONTH	---	---	---	---	---	---	32.5	27.0	29.5	30.5	21.8	27.0

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 sea level. Prior to Oct. 1, 1995, datum of gage was 8.1 ft below sea level (levels determined by Global Positioning System).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 8.80 ft, Sept. 27, 1998; minimum recorded, -2.64 ft, Mar. 19, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.47 ft, Dec. 21; minimum elevation, -1.21 ft, Dec. 24.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.76	.90	1.84	1.86	.27	1.14	1.69	.86	1.24	1.45	-.31	.60
2	2.43	1.10	1.80	.94	-.22	.39	1.73	.89	1.21	1.43	-.20	.62
3	2.61	1.14	1.95	1.13	.31	.79	2.12	.99	1.55	1.55	.05	.86
4	2.64	1.61	2.11	1.18	.46	.77	2.11	1.43	1.81	1.39	-1.16	-.23
5	2.71	1.32	2.09	1.31	.42	.93	2.03	.88	1.35	1.10	-.04	.44
6	2.84	1.77	2.51	1.31	.57	1.06	2.12	.34	.99	1.36	-.27	.52
7	3.35	2.21	2.79	1.52	.33	.95	2.19	.41	1.28	---	---	---
8	3.35	2.19	2.66	1.99	.51	1.22	2.19	.93	1.49	1.79	-.03	.79
9	2.45	1.61	2.10	2.50	.58	1.47	2.19	.58	1.40	1.81	-.15	.76
10	2.09	1.13	1.69	2.50	.70	1.61	2.19	-.08	.93	1.52	-.19	.52
11	2.31	1.57	1.95	2.34	.55	1.36	2.09	.40	1.30	1.12	-.13	.53
12	2.38	1.21	1.75	2.07	.76	1.41	2.21	.52	1.38	.93	.02	.50
13	2.14	1.15	1.67	2.24	.87	1.54	2.12	-.91	.38	.97	.29	.70
14	2.13	1.15	1.65	1.99	.24	1.01	1.28	.20	.78	1.82	.92	1.43
15	2.28	1.10	1.67	1.31	.38	.89	1.28	-.59	.29	1.39	.53	.93
16	2.38	.97	1.67	1.93	.57	1.27	1.16	.53	.87	1.21	-.26	.50
17	1.98	.48	1.24	1.84	.80	1.35	1.46	.52	.86	1.51	-.18	.72
18	1.92	.54	1.23	1.63	1.01	1.29	1.59	.65	1.15	1.19	-.62	.34
19	1.90	.55	1.26	1.84	1.21	1.46	1.50	.12	.81	1.31	-.83	.20
20	1.59	.81	1.28	1.84	1.15	1.45	3.44	-.04	1.20	1.72	-.61	.29
21	1.99	.57	1.42	2.22	.67	1.52	3.47	1.06	1.90	1.73	.18	.90
22	1.41	.27	.97	2.66	.67	1.63	2.07	-.41	.81	1.73	.04	.96
23	1.48	.06	.72	2.66	.54	1.58	2.07	-.21	.77	1.67	-.44	.60
24	1.42	.97	1.23	2.41	.08	1.24	1.29	-1.21	-.11	1.75	-.05	.60
25	1.57	.37	.99	2.41	.04	1.20	1.29	-.35	.45	.68	-.28	.10
26	1.77	.12	.96	2.03	.17	1.05	1.04	-.99	-.09	.58	-.07	.15
27	1.83	-.11	.89	2.17	.25	1.14	.22	-.79	-.23	1.54	.58	1.15
28	1.99	-.01	.95	1.81	.15	.94	.24	-.46	-.05	3.29	1.03	2.23
29	2.32	.66	1.51	1.55	.31	.82	.65	-.34	.03	1.30	.08	.72
30	2.56	1.00	1.84	2.11	1.09	1.64	.84	-.13	.31	1.18	-.25	.48
31	2.61	1.03	1.67	---	---	---	1.22	-.03	.61	1.21	.07	.70
MONTH	3.35	-.11	1.61	2.66	-.22	1.20	3.47	-1.21	.86	---	---	---

MISSISSIPPI RIVER DELTA

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

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.33	.03	.67	1.23	-.10	.61	2.00	.68	1.37	1.45	.88	1.17
2	1.07	-.33	.39	1.45	-.45	.55	2.00	.65	1.21	1.79	.86	1.27
3	.98	-.64	.16	1.28	-.10	.46	1.81	.43	1.16	1.89	.55	1.44
4	.90	-1.04	-.04	1.17	-.36	.41	.85	-.25	.29	2.22	.73	1.56
5	.90	-.31	.18	1.18	.31	.76	1.10	-.15	.72	2.54	.56	1.76
6	.78	-.68	.04	1.30	.24	.80	.92	-.15	.47	2.43	.38	1.52
7	.80	-.61	.10	1.16	.33	.83	1.52	-.13	.82	2.16	.23	1.22
8	.55	-.52	.15	1.37	.70	1.02	1.16	-.04	.48	2.07	.04	1.14
9	.36	-.52	-.01	1.10	.40	.88	2.35	.06	1.21	1.79	-.02	.97
10	.48	-.05	.21	1.36	.40	.96	1.80	-.48	.66	1.65	-.08	.85
11	.77	.19	.40	1.23	.12	.75	2.02	.14	1.07	1.42	.10	.85
12	.98	.12	.55	1.70	-.12	.82	2.00	.26	1.16	1.33	.34	.90
13	1.46	.05	.78	1.82	-.23	.90	1.69	-.01	.93	1.09	.60	.82
14	1.52	-.23	.69	1.92	.04	1.07	2.18	.32	1.38	1.93	.68	1.35
15	1.99	-.28	.92	2.95	.70	1.75	1.94	1.26	1.53	1.91	.37	1.27
16	---	---	---	2.40	.61	1.40	1.61	.64	1.09	1.70	.48	1.03
17	---	---	---	1.73	.30	1.20	1.01	.14	.60	1.87	.38	1.21
18	1.86	-.17	.80	1.82	.16	1.02	1.60	-.04	.95	1.96	.34	1.24
19	1.57	-.36	.59	2.10	.40	1.14	1.63	-.04	.87	1.84	.17	1.13
20	1.47	.41	.74	1.10	.42	.79	1.34	-.26	.70	1.90	-.05	1.11
21	1.09	.41	.70	1.47	.71	1.12	1.45	-.29	.53	1.72	-.19	.82
22	1.27	.49	.81	1.07	.01	.78	2.07	.09	1.19	1.76	-.27	.78
23	1.32	.49	.97	1.64	.01	.91	2.47	-.04	1.28	1.44	-.36	.56
24	1.31	.59	.88	1.53	.49	.96	1.51	.46	.92	1.13	-.22	.48
25	---	---	---	1.46	.29	.87	1.71	.37	1.08	1.41	-.16	.69
26	---	---	---	1.41	.03	.69	---	---	---	1.39	.28	.87
27	---	---	---	1.40	-.04	.61	1.36	-.06	.58	1.15	.52	.79
28	1.70	.71	1.17	1.65	.59	1.13	.98	-.23	.37	.86	.06	.43
29	1.57	-.01	.79	1.93	.30	1.18	1.56	.84	1.16	1.31	.14	.69
30	---	---	---	1.52	.42	1.02	1.56	.49	1.08	1.72	.50	1.13
31	---	---	---	1.47	.70	1.19	---	---	---	1.92	.82	1.48
MONTH	---	---	---	2.95	-.45	.92	---	---	---	2.54	-.36	1.05

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	2.18	.46	1.43	1.97	-.37	.91	1.77	-.17	.89	1.65	.65	.95
2	1.93	-.22	1.17	2.22	-.37	1.10	1.69	-.04	1.03	1.57	.52	.90
3	1.98	-.41	.91	2.30	-.10	1.20	1.37	.40	.92	1.94	.84	1.33
4	1.87	-.51	.67	2.38	.07	1.30	1.12	.40	.88	1.80	.85	1.30
5	1.43	-.58	.52	1.96	.24	1.14	.79	.44	.69	1.80	.84	1.31
6	1.74	-.42	.74	1.43	.27	.89	1.19	.61	.88	2.61	1.47	2.33
7	2.22	.13	1.34	1.30	.12	.75	1.47	.57	1.05	2.88	1.55	2.30
8	2.13	.21	1.22	1.29	.39	.84	1.54	.37	.97	2.66	1.50	2.00
9	1.97	.68	1.38	1.17	.19	.74	1.53	.16	.91	2.39	.99	1.78
10	1.71	1.00	1.34	1.30	.14	.80	1.41	-.26	.76	2.23	1.18	1.79
11	2.08	.94	1.38	1.07	.02	.62	1.96	.03	1.11	2.55	1.26	1.92
12	1.51	.59	1.15	1.05	-.33	.51	1.61	.19	.95	2.21	.90	1.69
13	1.51	.19	1.19	.88	-.75	.22	2.02	.31	1.23	1.91	1.00	1.48
14	1.66	.16	.78	.70	-.75	.03	1.80	.09	1.07	1.95	.97	1.50
15	1.74	.09	.97	1.79	-.51	.66	1.45	-.24	.78	2.08	1.02	1.50
16	2.09	.43	1.45	1.48	-.34	.59	1.29	-.24	.64	2.66	1.55	2.33
17	2.36	.51	1.68	1.08	-.56	.40	1.36	.06	.76	2.59	2.06	2.27
18	2.25	.54	1.65	1.29	-.56	.36	1.32	.24	.81	3.01	1.29	1.94
19	2.15	.12	1.32	1.23	-.48	.34	.96	.19	.52	1.71	.58	1.22
20	1.90	.08	1.01	1.20	-.48	.35	.76	.39	.52	2.02	.63	1.43
21	1.43	-.11	.74	1.41	-.36	.52	1.39	.59	1.00	2.35	1.08	1.76
22	1.20	-.29	.48	1.19	.26	.78	1.83	.97	1.37	2.99	.63	1.90
23	1.48	.02	.86	.93	.17	.48	2.23	.67	1.48	2.00	-.02	1.15
24	1.26	.14	.59	.98	.49	.72	2.06	.54	1.34	1.88	.02	1.08
25	1.14	.36	.78	1.39	.43	.88	2.00	.03	1.18	1.32	-.34	.63
26	1.15	.54	.88	1.45	.00	.85	1.72	-.17	.95	1.70	.03	.99
27	1.48	.32	.97	1.73	-.04	.98	1.93	.01	1.01	1.41	.79	1.15
28	1.53	-.18	.88	1.83	-.15	1.00	1.79	-.02	1.01	1.90	.88	1.43
29	1.29	-.37	.58	1.87	-.40	.88	1.24	-.01	.61	2.16	1.43	1.87
30	1.87	-.24	.93	1.72	-.36	.75	2.08	.02	1.09	2.08	1.54	1.78
31	---	---	---	1.89	-.33	.86	1.52	.84	1.18	---	---	---
MONTH	2.36	-.58	1.03	2.38	-.75	.72	2.23	-.26	.95	3.01	-.34	1.57

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

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1992 to current year.

WATER TEMPERATURES: January 1992 to current year.

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

REMARKS.--Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 45,200 microsiemens, Jan. 28, 2000; minimum, 1,300 microsiemens, Feb. 3, 1994.

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 45,200 microsiemens/cm, Jan. 28; minimum, 13,100 microsiemens/cm, Sept. 26.

WATER TEMPERATURE: Maximum, 33.7°C, July 10; minimum, 8.7°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	34800	32800	33800	35100	26700	30700	37700	34400	36200	33800	27600	30800
2	35900	33100	34300	29200	22000	25500	39100	35200	37000	33200	28800	31200
3	36500	33400	34700	29000	24300	27500	39700	35900	37800	34900	28600	32000
4	36200	33500	34900	30100	25900	28300	40000	36900	38900	34900	24200	27900
5	38900	34200	35900	33000	27700	29800	40000	35300	37700	32200	26600	28600
6	39400	34500	36800	33000	29200	30900	37000	32700	35200	31600	27600	29600
7	41100	38400	39600	34700	28700	31400	37900	33800	36500	---	---	---
8	41300	37100	39100	36800	30700	33400	39000	35200	36900	32900	28100	30500
9	38100	33200	35100	38700	32100	35400	39300	35300	37100	34100	27400	31100
10	33300	30100	31400	39300	35100	37500	38500	32700	35800	33900	27600	30400
11	32000	29500	30900	38700	34700	36500	36900	34300	36100	32400	27400	30200
12	31600	29300	30700	37700	34600	36000	37800	35000	36500	32000	28300	30400
13	31100	27900	30000	37900	35000	36300	38300	31000	34500	32900	29100	30900
14	30300	26100	28900	36700	32500	34700	35900	32000	33700	35100	30100	32900
15	31200	26600	29000	34900	31000	33400	34800	29000	32200	35800	30500	33700
16	30200	27100	28900	36900	32900	34700	36800	31000	33500	34000	29200	32200
17	29300	23300	27000	37400	33600	35700	35800	32300	34300	33800	30200	32100
18	27100	23800	25800	36900	34700	35500	36500	33600	35200	33400	29000	31500
19	27100	25000	26000	38800	35500	36900	36700	32000	33600	33200	28700	31300
20	26400	24400	25300	39400	35400	37800	39300	31700	34000	33300	27600	30800
21	26600	23600	25100	39900	32600	37100	40200	34000	37100	34200	30000	32100
22	26000	22500	24800	39300	36100	37600	36600	29400	33500	34600	30400	32900
23	27300	20700	23800	40200	36500	37800	35900	32000	33400	35500	30500	32600
24	28000	25000	26400	38500	35800	37200	35600	24700	29300	34000	28000	31100
25	28400	24100	26200	38600	35200	37100	34500	28400	30500	30300	28400	29300
26	27900	24300	26200	37400	34600	36100	33300	24000	28700	30800	25700	28400
27	29900	23300	27000	37600	34900	36300	28500	21600	26200	41900	27500	35400
28	31100	25300	27600	38000	33200	35900	28800	25000	27000	45200	38900	41400
29	34000	27900	29900	36300	31800	34600	29300	24000	27300	42800	34500	38800
30	35800	30200	32500	37700	34100	36100	32200	26900	29400	38500	31300	34300
31	35600	28700	32500	---	---	---	34300	28300	31300	37200	32100	34200
MONTH	41300	20700	30300	40200	22000	34500	40200	21600	33800	---	---	---

MISSISSIPPI RIVER DELTA

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	37700	32500	34700	39200	33200	35300	29000	26600	28100	23900	23700	23800
2	36800	30400	34700	36900	33500	34800	29400	27500	28400	23900	23500	23800
3	39700	30600	33900	36100	32700	34600	29800	27100	28100	24000	23100	23500
4	35200	28100	31600	36400	29900	33200	27800	23800	25800	23900	22700	23400
5	35400	29400	31900	38400	33200	35300	27800	23300	25200	23900	22300	23100
6	34300	28700	31900	36900	34400	35600	27800	23900	25500	23600	22200	23000
7	35300	28500	32500	36900	35000	36100	28500	24000	26300	23700	22700	23300
8	35800	29100	32300	38100	36000	37100	28000	23000	25800	23800	23100	23400
9	33700	29300	31800	37600	34400	36400	30800	19700	25600	23800	23100	23500
10	33800	30200	32000	36600	30700	34200	30000	21300	24700	23700	22300	23000
11	34600	29500	31900	37000	32700	35700	30200	23000	26100	23400	22000	22600
12	34800	30200	32600	36400	33300	34900	29200	23200	27000	24100	21200	22800
13	36500	31000	33600	37100	33200	34800	30300	21300	26300	24100	23300	23900
14	34600	30900	32900	36200	33800	35000	29900	24300	26800	23800	22400	23300
15	36900	31100	33800	35800	33900	35000	30500	26300	28200	23300	20900	22400
16	36300	33300	34000	35300	32900	34200	29500	24300	27000	23300	22600	22900
17	35100	32200	33800	35800	32600	34300	25200	21500	23400	23100	20700	22200
18	37200	32600	34200	37500	32100	34200	26100	21200	23900	23100	21000	21800
19	37200	31600	34000	33600	29900	32300	26000	22000	24200	23000	21500	22100
20	34900	31400	33300	33100	30000	31800	26900	22100	24600	22700	21700	22200
21	35500	31300	34000	32400	30000	31500	25400	19500	22600	22700	22100	22400
22	35300	33100	34200	32200	28900	31200	27900	21500	24200	22600	21800	22300
23	35600	33000	34600	31900	27800	30100	25900	21500	23300	23500	21700	22600
24	36800	34300	35100	32900	28500	31000	25300	22400	24500	23300	21700	22700
25	---	---	---	31500	27000	29500	25300	23300	24500	23400	21800	22700
26	---	---	---	30400	23800	27500	---	---	---	24000	22600	23100
27	---	---	---	29300	22200	26500	23400	21700	22800	23400	22400	22800
28	36200	34900	35400	30800	27700	28900	23100	20300	21800	25000	22000	23100
29	36600	34100	35200	29600	26700	28300	23700	22500	23000	27600	21500	24900
30	---	---	---	29300	27500	28600	23800	22600	23300	32700	25500	29000
31	---	---	---	29100	26600	28200	---	---	---	35300	27900	32300
MONTH	---	---	---	39200	22200	32800	---	---	---	35300	20700	23500

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	41000	31200	35900	27300	20600	24500	27900	23400	25800	24200	20700	22300
2	40100	28800	35500	27400	19700	24100	28200	22500	26000	23800	18600	20400
3	36800	28200	32300	27300	21700	25100	26700	23300	25900	24200	21600	23000
4	35000	26800	30400	27800	24100	26100	25900	21900	24300	25200	20800	23000
5	33400	26300	29300	27900	24900	26300	26800	20100	22700	25500	21200	23400
6	33100	25400	29300	25800	23700	24800	29600	19300	24100	27900	22800	25500
7	32400	30000	31100	24600	21000	23300	26800	22700	25200	31000	25800	28500
8	33900	29400	31700	24600	20900	22900	28800	20400	24900	29000	23900	27100
9	35700	31500	33000	25200	18200	21500	29000	21000	25400	26600	22600	25200
10	35200	32800	34200	26000	19500	23000	27400	19900	24500	25900	23000	24700
11	37000	32000	34300	23400	18700	21300	29400	20000	25300	27200	23700	24900
12	35700	31700	34000	23500	16200	20500	28100	21900	25400	25900	21900	24600
13	35200	30500	33800	22100	14900	18600	28800	22800	26300	23900	20400	22600
14	31700	29400	30600	21100	14600	17600	28400	24600	26600	22700	18700	21700
15	31900	27800	30900	25500	16100	21100	27300	22100	25700	22600	18800	20500
16	31700	29600	30800	24400	19300	21900	26100	21400	23700	26200	21800	23900
17	31800	30400	31200	23300	19900	21700	26100	22100	24100	28800	24900	25900
18	31800	29100	30900	23900	17700	21100	26500	22200	24400	30100	23400	26700
19	30600	29200	30100	24000	17200	20800	24200	20400	22900	24800	20500	22500
20	30200	28100	29400	25500	16300	21100	22900	20700	22000	26000	20400	22800
21	29900	27700	28900	26000	20100	22400	25500	21600	24400	27700	22900	25200
22	29300	25300	27400	26600	23800	25100	27300	24100	25400	30600	21900	26100
23	29300	26600	28300	26400	21900	23100	28400	24100	26300	24600	18400	22400
24	29300	26200	27700	24400	22000	23100	27500	23200	25800	23300	17100	20300
25	29100	27700	28400	27800	22800	25500	27200	21100	25300	19400	13200	17700
26	28700	26600	27800	29500	22100	25600	25900	19500	23400	22300	13100	18100
27	28700	25800	27600	31200	24300	28000	26900	19600	23200	22100	18100	20200
28	29100	23100	27200	30300	24400	27600	26200	20000	23500	25300	19200	22400
29	27700	20800	25200	31300	23500	27100	23900	19400	21500	29100	23500	25600
30	27500	20900	24900	29000	23100	25700	26900	18800	22800	30000	27000	28200
31	---	---	---	30000	22700	26000	24900	22900	23700	---	---	---
MONTH	41000	20800	30400	31300	14600	23400	29600	18800	24500	31000	13100	23500

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.2	22.7	23.5	22.4	20.8	21.8	15.3	14.0	14.7	15.3	13.7	14.5
2	24.8	23.1	23.9	20.8	16.5	19.2	16.4	14.9	15.7	16.7	14.6	15.6
3	26.1	24.5	25.2	16.8	15.9	16.4	17.2	15.8	16.5	18.1	15.9	17.0
4	26.1	25.4	25.8	17.8	15.4	16.7	17.5	17.2	17.4	18.1	14.7	17.1
5	25.9	24.7	25.4	18.3	16.7	17.6	18.0	17.0	17.6	14.7	12.6	13.2
6	24.7	23.1	24.0	19.2	17.6	18.4	17.0	14.8	15.5	13.1	12.0	12.6
7	25.8	24.1	24.8	19.5	18.0	18.8	14.9	14.0	14.4	---	---	---
8	25.4	24.8	25.1	20.1	18.7	19.4	15.2	14.0	14.6	14.4	12.6	13.6
9	25.8	24.8	25.3	21.3	19.7	20.4	16.7	14.9	15.8	16.5	13.7	15.1
10	26.6	25.3	25.7	22.1	20.4	21.3	17.3	16.1	16.6	18.0	16.1	16.8
11	26.1	25.7	26.0	23.3	21.4	22.2	17.2	15.7	16.4	18.4	16.5	17.4
12	26.4	25.4	25.9	22.5	21.4	21.9	18.1	16.6	17.3	19.3	17.4	18.3
13	27.4	25.8	26.5	22.3	20.9	21.6	18.1	16.6	17.6	20.1	18.6	19.3
14	27.3	26.2	26.8	22.5	21.2	21.8	17.4	16.3	16.8	18.8	14.2	15.8
15	27.5	26.1	26.8	21.7	20.0	21.1	17.0	14.7	16.3	15.4	13.8	14.6
16	27.4	26.1	26.7	20.0	18.4	19.2	14.7	13.4	14.1	16.2	14.5	15.3
17	27.6	26.5	27.1	18.7	18.0	18.3	13.8	13.0	13.5	17.2	15.6	16.3
18	27.2	25.4	25.9	18.6	17.3	18.1	13.9	13.1	13.6	18.1	16.4	17.3
19	25.4	23.8	24.6	19.4	18.2	18.8	13.2	12.8	13.0	19.2	17.5	18.4
20	23.8	20.7	22.1	20.6	18.8	19.6	13.6	12.4	13.1	18.8	16.2	18.0
21	20.7	19.4	20.1	21.1	19.9	20.5	13.3	12.2	12.9	16.2	13.8	14.6
22	20.9	19.2	20.0	21.7	20.4	21.1	12.4	11.4	11.9	15.3	13.6	14.5
23	20.2	18.9	19.8	22.4	21.0	21.7	12.4	11.0	11.7	17.0	15.3	16.0
24	18.9	17.0	17.7	23.0	21.7	22.3	12.6	11.0	11.8	16.2	12.7	14.8
25	18.4	16.7	17.6	22.3	20.2	21.5	11.9	10.7	11.3	12.7	10.6	11.7
26	19.3	17.2	18.3	20.2	17.7	18.9	11.7	10.3	11.1	10.6	8.8	9.6
27	20.1	18.3	19.2	18.3	17.0	17.6	12.4	10.9	11.5	9.8	8.7	9.3
28	21.4	19.3	20.3	18.0	17.0	17.5	11.9	10.8	11.3	11.3	9.8	10.6
29	22.1	20.3	21.1	18.0	16.9	17.5	12.1	10.4	11.2	11.2	10.6	10.9
30	21.9	21.1	21.5	17.2	14.6	15.8	13.2	11.2	12.1	10.7	9.8	10.3
31	22.3	21.5	21.9	---	---	---	13.7	12.5	13.1	10.3	9.1	9.6
MONTH	27.6	16.7	23.4	23.3	14.6	19.6	18.1	10.3	14.2	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.9	9.3	9.6	21.4	19.7	20.4	23.2	22.4	22.9	25.0	23.1	23.9
2	11.3	9.5	10.3	22.6	20.8	21.6	24.4	22.8	23.4	25.5	23.7	24.5
3	12.0	10.4	11.2	22.6	21.5	22.1	24.5	23.4	24.0	25.0	23.9	24.5
4	13.2	11.2	12.1	22.4	20.1	20.9	23.4	19.4	21.0	25.6	23.9	24.7
5	11.9	10.0	11.0	20.8	19.1	20.0	20.4	18.2	19.2	26.2	24.5	25.3
6	12.1	10.2	11.3	21.0	19.3	20.2	20.5	18.9	19.6	26.7	24.6	25.5
7	12.7	10.9	11.9	21.6	19.9	20.8	22.1	19.7	20.5	27.0	24.9	25.9
8	13.8	12.0	12.7	22.5	20.7	21.5	21.3	18.5	20.6	26.9	24.9	25.8
9	15.2	12.4	13.7	23.8	21.6	22.5	18.9	15.7	17.3	27.5	25.1	26.2
10	15.8	13.8	14.8	24.4	22.8	23.5	19.1	16.2	17.6	28.0	25.9	27.0
11	17.0	15.4	16.1	23.9	21.0	23.2	20.4	18.4	19.2	28.6	26.7	27.6
12	18.6	16.4	17.5	21.1	17.2	18.6	21.9	20.0	20.8	29.0	27.0	28.0
13	19.3	18.0	18.6	19.2	17.5	18.4	22.3	21.6	21.9	29.2	27.5	28.3
14	20.7	19.3	20.0	19.0	17.5	18.4	22.2	21.3	21.8	28.2	26.4	27.2
15	21.4	20.1	20.7	19.0	18.5	18.8	24.3	21.3	22.2	27.0	25.1	26.0
16	22.6	20.6	21.5	20.5	18.6	19.5	24.4	22.6	23.5	27.4	25.3	26.2
17	22.8	21.6	22.2	21.2	20.0	20.5	26.0	23.4	24.5	27.3	25.7	26.4
18	23.3	22.1	22.7	21.2	20.4	20.8	26.0	23.9	24.6	27.8	25.9	26.7
19	23.3	21.1	22.6	20.8	19.4	20.3	26.2	24.2	25.0	28.6	26.5	27.4
20	21.1	18.4	19.4	20.4	18.1	19.0	26.1	24.5	25.3	28.4	26.8	27.7
21	18.6	17.5	18.0	20.5	18.8	19.6	25.2	23.9	24.7	27.8	26.9	27.4
22	18.8	17.0	17.8	21.5	19.3	20.3	24.0	21.9	23.0	28.6	26.0	27.2
23	19.3	17.5	18.3	22.4	20.6	21.4	23.1	21.9	22.4	28.9	26.8	27.9
24	20.7	18.8	19.6	22.7	20.9	21.7	24.5	22.3	23.3	29.2	27.2	28.2
25	---	---	---	23.9	21.5	22.5	23.5	21.2	22.4	29.6	27.7	28.6
26	---	---	---	23.8	22.6	23.1	---	---	---	29.9	28.1	29.0
27	---	---	---	23.4	22.1	22.8	24.3	22.2	23.1	29.9	28.2	29.1
28	20.3	18.5	19.4	23.1	21.5	22.5	24.3	22.8	23.5	30.1	28.0	29.1
29	20.3	18.3	19.3	23.4	21.9	22.7	24.4	22.6	23.6	30.3	28.2	29.0
30	---	---	---	25.1	23.0	23.8	24.9	23.1	23.8	30.1	28.4	29.1
31	---	---	---	24.4	22.4	23.1	---	---	---	29.3	27.8	28.6
MONTH	---	---	---	25.1	17.2	21.1	---	---	---	30.3	23.1	27.0

MISSISSIPPI RIVER DELTA

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.9	27.4	28.0	29.1	27.6	28.0	28.7	27.6	28.1	31.9	29.7	30.7
2	29.4	27.7	28.3	29.5	27.1	28.2	28.8	27.9	28.3	31.2	29.4	30.1
3	29.4	28.3	28.7	30.1	28.2	29.1	28.5	27.6	28.0	31.1	29.2	30.1
4	28.8	28.0	28.4	30.0	28.2	29.1	30.1	27.5	28.5	32.4	30.1	31.1
5	28.2	27.2	27.8	30.5	28.4	29.5	31.2	28.5	29.7	31.6	30.3	31.0
6	28.3	27.0	27.7	30.7	29.1	29.9	32.2	29.2	30.6	30.4	27.5	29.2
7	27.8	25.9	26.9	31.9	29.5	30.7	31.4	30.0	30.7	28.4	27.0	27.5
8	28.2	26.0	27.1	33.2	30.5	31.6	31.8	30.1	30.8	27.9	26.8	27.4
9	28.8	26.9	27.8	32.4	31.0	31.7	32.1	30.1	30.9	27.9	26.6	27.1
10	28.7	26.9	27.7	33.7	30.5	31.8	31.1	29.6	30.4	29.2	27.6	28.2
11	29.0	27.3	28.1	32.8	30.9	31.8	30.5	29.0	29.6	29.4	28.3	28.8
12	29.7	27.9	28.7	32.7	30.9	31.6	31.0	29.8	30.3	29.6	28.3	28.9
13	29.5	28.5	28.8	32.2	30.1	31.2	31.1	29.7	30.3	29.6	28.7	29.1
14	30.0	28.3	29.2	32.2	30.0	31.1	31.5	29.7	30.4	29.7	28.6	29.2
15	29.7	28.1	28.6	32.4	30.1	31.0	31.4	29.6	30.4	30.5	28.8	29.6
16	28.1	26.7	27.7	32.2	30.5	31.4	31.5	29.7	30.6	29.8	26.7	28.1
17	28.2	26.6	27.3	31.3	29.8	30.6	32.4	30.4	31.2	26.7	25.3	25.8
18	29.5	27.3	28.1	31.0	29.8	30.4	32.4	31.1	31.7	26.7	24.8	25.7
19	29.9	28.3	29.0	30.5	29.3	30.0	32.1	30.9	31.7	27.2	25.5	26.4
20	30.4	28.2	29.2	31.8	29.3	30.4	31.9	30.3	30.9	28.6	26.5	27.4
21	30.8	28.7	29.7	31.8	30.0	30.8	32.1	30.2	30.9	28.6	27.5	28.0
22	30.6	28.9	29.8	31.7	29.8	30.5	31.5	29.3	30.4	28.5	27.8	28.1
23	32.2	29.6	30.5	30.4	29.1	29.7	30.2	28.8	29.4	29.4	27.8	28.6
24	31.9	29.8	30.9	29.8	28.0	29.0	30.6	29.0	29.8	30.5	28.5	29.4
25	32.1	30.0	30.9	30.7	29.2	29.8	31.1	29.6	30.4	29.7	26.4	28.8
26	31.4	29.7	30.4	31.2	29.7	30.2	31.8	30.0	30.9	26.4	22.7	24.2
27	30.1	29.3	29.7	31.6	29.8	30.4	32.4	30.3	31.2	23.4	22.0	22.7
28	29.9	28.8	29.4	32.2	30.0	30.7	32.4	30.7	31.3	23.7	22.3	23.0
29	29.8	28.7	29.2	32.0	29.9	30.7	31.9	29.9	30.9	23.9	22.4	23.2
30	29.1	28.0	28.7	30.5	28.9	29.7	31.2	29.7	30.5	24.8	22.8	23.7
31	---	---	---	28.9	28.1	28.6	31.9	30.1	30.8	---	---	---
MONTH	32.2	25.9	28.7	33.7	27.1	30.3	32.4	27.5	30.3	32.4	22.0	27.7

07374528 NORTH CALIFORNIA BAY NEAR POINTE A LA HACHE, LA

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

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--Feb. 1992 to September 1998. April 1999 to current year.

REVISIONS.--Minimum 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 (levels determined by Global Positioning System). Prior to April 15, 1999, datum of gage was 0.17 ft below NAVD 88. Prior to Oct. 1, 1995, datum of gage was 9.23 ft below sea level NVGD 1929 (levels determined by GPS).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.39 ft, Oct. 4, 1996; minimum, -2.63 ft, revised, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.89 ft, Dec. 20; minimum elevation, -1.50 ft, Dec. 24.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.58	.67	1.64	1.71	.21	1.03	1.28	.49	.84	1.04	-.63	.23
2	2.17	.87	1.58	.91	.06	.50	1.27	.49	.80	1.02	-.60	.22
3	2.36	.86	1.71	1.11	.21	.81	1.68	.55	1.12	1.17	-.37	.44
4	2.35	1.35	1.83	.75	.21	.45	1.65	1.02	1.37	.88	-1.30	-.48
5	2.45	1.04	1.84	.88	.04	.52	1.57	.45	.97	.72	-.35	.14
6	2.54	1.64	2.26	.88	.22	.65	1.75	.01	.70	1.01	-.64	.15
7	3.11	1.83	2.45	1.09	-.07	.54	1.82	-.01	.88	1.07	-.56	.18
8	3.21	1.91	2.36	1.71	.12	.87	1.82	.45	1.04	1.40	-.44	.40
9	2.11	1.41	1.85	2.21	.31	1.19	1.78	.14	.95	1.40	-.53	.35
10	1.91	.91	1.48	2.21	.46	1.32	1.73	-.51	.50	1.16	-.54	.14
11	2.11	1.41	1.74	2.05	.31	1.07	1.68	-.11	.83	.75	-.50	.14
12	2.21	1.01	1.50	1.87	.51	1.15	1.77	.08	.90	.52	-.39	.08
13	1.91	.91	1.47	1.97	.58	1.23	1.63	-1.35	-.11	.80	-.04	.35
14	1.91	1.01	1.45	1.68	-.04	.71	.84	-.23	.37	1.45	.74	1.12
15	2.11	.91	1.49	1.23	.18	.68	.84	-.83	-.02	.88	.07	.47
16	2.21	.81	1.48	1.71	.33	1.05	.79	.30	.56	.77	-.65	.10
17	1.81	.31	1.07	1.62	.48	1.05	1.07	.19	.50	1.08	-.57	.32
18	1.91	.41	1.12	1.31	.71	.99	1.18	.31	.79	.78	-1.00	-.10
19	1.71	.41	1.11	1.49	.94	1.15	1.12	-.26	.46	1.01	-1.20	-.19
20	1.61	.71	1.24	1.48	.84	1.13	3.89	-.48	.98	1.47	-.99	.01
21	1.91	.51	1.34	1.89	.37	1.19	3.89	.77	1.61	1.36	-.21	.49
22	1.21	.21	.82	2.29	.32	1.29	1.78	-.81	.46	1.22	-.46	.48
23	1.31	.07	.71	2.26	.12	1.17	1.77	-.62	.38	1.33	-.90	.16
24	1.41	1.01	1.13	2.14	-.36	.87	.92	-1.50	-.50	1.76	-.27	.39
25	1.41	.21	.84	2.13	-.28	.86	1.09	-.74	.13	.44	-.59	-.21
26	1.61	.03	.80	1.83	-.12	.78	.69	-1.40	-.48	.25	-.41	-.17
27	1.61	-.19	.73	1.86	-.12	.77	-.10	-1.10	-.55	1.11	.20	.71
28	1.91	-.10	.80	1.47	-.24	.56	-.06	-.75	-.34	2.68	.54	1.75
29	2.11	.51	1.33	1.45	-.06	.52	.24	-.67	-.32	.97	-.31	.38
30	2.41	.81	1.64	2.00	.79	1.36	.44	-.48	-.07	.79	-.55	.13
31	2.41	.81	1.48	---	---	---	.83	-.38	.23	.82	-.24	.34
MONTH	3.21	-.19	1.43	2.29	-.36	.92	3.89	-1.50	.48	2.68	-1.30	.27

MISSISSIPPI RIVER DELTA

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

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.11	-.35	.37	.70	-.48	.22	1.53	.16	.92	1.09	.44	.76
2	.84	-.57	.15	1.06	-.79	.23	1.35	.23	.72	1.11	.37	.85
3	.68	-.90	-.10	.73	-.52	.07	1.39	.28	.71	1.44	.08	.95
4	1.05	-1.30	-.24	.82	-.59	.17	.63	-.41	.08	1.76	.24	1.09
5	.95	-.53	-.01	.90	-.08	.38	.74	-.58	.32	2.08	-.05	1.25
6	.54	-.91	-.21	.91	-.17	.38	.48	-.55	.04	1.99	-.33	1.03
7	.54	-.85	-.16	.74	-.07	.41	---	---	---	1.71	-.34	.74
8	.29	-.74	-.10	.93	.28	.58	---	---	---	1.62	-.47	.68
9	.13	-.72	-.26	.70	.01	.47	---	---	---	1.37	-.50	.51
10	.18	-.31	-.06	.96	-.06	.55	---	---	---	1.22	-.53	.43
11	.38	-.12	.07	1.13	-.17	.47	1.58	-.29	.68	.99	-.34	.41
12	.62	-.20	.20	1.32	-.30	.54	1.56	-.13	.75	.85	-.10	.45
13	1.09	-.40	.42	1.46	-.62	.55	1.29	-.39	.53	.61	.10	.36
14	1.13	-.60	.34	1.53	-.44	.66	1.84	.03	1.07	1.55	.33	1.00
15	1.60	-.69	.57	2.44	.20	1.30	1.55	.91	1.15	1.51	.01	.88
16	1.26	-.78	.30	1.71	.19	.92	1.24	.33	.71	1.27	.06	.63
17	1.48	-.81	.36	1.32	-.14	.81	.67	-.09	.30	1.35	-.17	.71
18	1.35	-.63	.38	1.63	-.27	.62	1.26	-.36	.62	1.50	-.19	.76
19	1.26	-.68	.30	1.64	.11	.69	1.25	-.23	.52	1.42	-.35	.66
20	1.23	.09	.45	.72	.24	.46	1.04	-.59	.34	1.45	-.61	.62
21	.76	.04	.34	1.01	.27	.66	1.23	-.59	.37	1.30	-.68	.39
22	.92	.09	.44	.67	-.29	.37	1.74	-.47	.86	1.31	-.69	.36
23	.99	.15	.65	1.18	-.17	.53	1.93	-.47	.88	.97	-.80	.09
24	.94	.30	.57	1.09	-.14	.50	1.31	-.01	.60	.67	-.72	.01
25	1.17	.31	.76	1.03	-.31	.42	1.45	.15	.84	.96	-.67	.23
26	1.23	.28	.73	1.04	-.36	.32	1.24	-.03	.55	.86	-.20	.37
27	1.07	-.31	.45	1.19	-.38	.35	1.01	-.34	.27	.66	.00	.31
28	1.31	.42	.81	1.27	.22	.74	.81	-.50	.08	.44	-.39	-.01
29	1.15	-.41	.40	1.53	-.14	.80	1.16	.52	.80	.82	-.21	.26
30	---	---	---	1.27	.02	.68	1.15	.16	.70	1.23	.05	.66
31	---	---	---	1.07	.44	.85	---	---	---	1.38	.33	.98
MONTH	1.60	-1.30	.27	2.44	-.79	.54	---	---	---	2.08	-.80	.59

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.71	-.12	.93	1.78	-.63	.68	---	---	---	.85	.33	.53
2	1.51	-.71	.68	2.02	-.52	.87	1.35	-.36	.72	1.00	.18	.54
3	1.54	-1.00	.46	2.03	-.44	.93	1.09	.08	.62	1.36	.55	.97
4	1.42	-1.00	.23	2.12	-.26	1.03	.80	.15	.59	1.47	.55	.96
5	1.13	-1.00	.13	1.69	-.07	.87	.53	.21	.42	1.44	.61	1.02
6	1.34	-.80	.39	1.19	.01	.67	.88	.30	.57	2.36	1.30	2.06
7	1.82	-.28	.93	1.07	-.05	.56	1.14	.27	.71	2.51	1.06	1.91
8	1.85	-.15	.90	1.05	.24	.66	1.20	.04	.64	2.21	1.14	1.63
9	1.77	.44	1.12	.96	.03	.56	1.22	-.11	.60	2.02	.66	1.40
10	1.46	.81	1.11	1.10	-.03	.60	1.08	-.57	.43	1.90	.79	1.43
11	1.85	.78	1.22	.93	-.14	.46	1.66	-.18	.85	2.12	.84	1.52
12	1.38	.60	1.06	.91	-.53	.33	1.30	-.12	.63	1.86	.54	1.29
13	1.45	.02	.86	.68	-.95	.05	1.69	.03	.91	1.54	.74	1.14
14	1.58	.19	.93	.53	-.91	-.10	1.49	-.27	.74	1.61	.70	1.18
15	1.82	.02	1.01	1.57	-.73	.48	1.14	-.55	.45	1.73	.75	1.20
16	1.98	.01	1.09	1.25	-.74	.35	.95	-.51	.35	2.35	1.37	2.04
17	2.34	.43	1.52	.90	-.80	.17	1.02	-.22	.45	2.32	1.74	2.00
18	2.39	.50	1.47	1.10	-.75	.17	.98	-.06	.50	2.63	.98	1.60
19	2.20	.14	1.33	.97	-.66	.18	.64	-.05	.24	1.39	.23	.87
20	1.88	.03	1.01	.89	-.70	.07	.54	.16	.28	1.70	.30	1.09
21	1.38	-.37	.64	.74	-.62	.09	1.02	.32	.68	2.04	.71	1.43
22	1.06	-.41	.38	.89	.00	.49	1.57	.64	1.05	2.69	.29	1.53
23	1.33	-.11	.75	.51	-.01	.23	1.83	.36	1.13	1.66	-.39	.77
24	1.07	.04	.48	.74	-.17	.37	1.73	.24	1.01	1.58	-.33	.73
25	.96	.28	.65	.89	-.44	.28	1.70	-.31	.83	1.02	-.56	.39
26	1.02	.48	.75	1.11	-.51	.44	1.44	-.56	.61	1.51	.03	.84
27	1.35	.18	.82	1.43	-.42	.64	1.60	-.38	.68	1.15	.57	.90
28	1.38	-.38	.70	1.55	-.47	.68	1.47	-.39	.68	1.64	.71	1.22
29	1.15	-.69	.39	1.60	-.56	.59	.97	-.28	.35	1.87	1.25	1.61
30	1.71	-.46	.75	---	---	---	1.72	-.21	.83	1.80	1.27	1.50
31	---	---	---	---	---	---	1.14	.50	.82	---	---	---
MONTH	2.39	-1.00	.82	---	---	---	---	---	---	2.69	-.56	1.24

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

WATER-QUALITY RECORD

PERIOD OF RECORD.-- February 1992 to September 1998. April 1999 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1992 to September 1998. April 1999 to current year.

WATER TEMPERATURE: June 1992 to September 1998. April 1999 to current year.

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

REMARKS.--Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 47,400 microsiemens, July 19, 1998; minimum recorded, 1,390 microsiemens, Apr. 3, 1998.

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

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 45,300 microsiemens/cm, June 1; minimum, 12,700 microsiemens/cm, May 12.

WATER TEMPERATURE: Maximum, 34.1°C, July 8; minimum, 8.5°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	36000	33600	35200	40700	37900	39100	37200	34000	35400
2	---	---	---	35100	28500	31100	38500	34200	36800	36900	34300	35600
3	---	---	---	---	---	---	39600	34800	37300	36700	35100	35700
4	---	---	---	35000	29300	33200	36800	33400	35100	36700	31900	34400
5	---	---	---	37800	33800	35800	37600	33900	35700	36000	32000	34100
6	---	---	---	38100	36200	37100	38800	36200	37300	36100	33100	34700
7	---	---	---	37400	35200	36400	39000	36000	37700	37700	34400	35700
8	36900	34700	35800	38700	35500	37200	39200	38100	38900	38700	35800	36900
9	35900	33800	34500	40000	36900	38500	39300	36600	38600	38700	34100	36300
10	35100	30800	32900	40200	37600	39200	39100	35800	37800	36400	33300	34300
11	35500	31400	33500	40200	36600	38300	40000	37800	38900	34500	33200	33800
12	35700	33400	35000	39600	35800	37500	40100	37000	38800	34400	33300	33800
13	35700	32500	34100	40200	37600	39000	37100	35200	36500	34500	33200	33600
14	35100	33100	33900	40400	36800	38800	38000	35600	36600	38900	34400	37000
15	35600	32600	34200	37900	34900	36200	36200	34800	35300	39600	35200	38200
16	35600	32500	34100	38600	34900	37300	37800	34800	35800	37200	34100	35700
17	34900	32400	33200	41000	38500	40200	40500	35500	38500	37000	31000	34200
18	33300	30700	32100	40900	38600	39600	41100	38700	39900	36300	33100	34900
19	34000	31100	32900	40500	33000	38200	38900	36800	37800	36200	32500	34100
20	32200	29900	31200	37800	33600	36000	40800	36700	38300	36200	32100	33900
21	34200	31300	32500	39700	34200	37500	40700	35700	38700	38900	34300	36900
22	34200	29300	32100	39100	36600	38000	39400	35700	37700	39200	35600	37700
23	33700	28300	30900	38500	32400	37000	39400	36400	37700	37300	34900	35800
24	34200	30900	33500	37600	32400	35600	38000	35900	36600	36600	32800	34800
25	35600	32300	33700	37000	33600	35800	37700	35800	37100	34200	32600	33600
26	35600	32400	34400	38400	34800	35700	37500	34000	36000	34900	31100	32700
27	37400	32900	35000	38800	35300	36500	34300	33200	33600	41600	34900	39500
28	37600	33000	35900	37500	35600	36600	35400	32800	33900	41300	40100	40700
29	39300	35400	37700	37300	35500	36600	35000	30500	32800	41100	36200	38200
30	40100	36200	38900	41500	36900	39600	35000	32000	33800	40300	38500	39200
31	38500	33600	36400	---	---	---	35500	33100	34300	40400	38200	39400
MONTH	---	---	---	---	---	---	41100	30500	36900	41600	31000	35800

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	41500	38600	40200	38500	31500	34500	30800	26100	28100	22100	20600	21300
2	40600	38800	39800	39000	33200	35300	30700	22700	26300	21800	20800	21300
3	40000	38600	39300	35600	31800	33900	24300	22600	23200	21700	20900	21300
4	39200	36000	37700	38400	31800	35300	26000	23400	25200	21700	20400	20800
5	39400	37000	37900	36500	34000	34900	27100	25000	26300	23100	20700	21700
6	39000	35700	37500	35300	32700	34100	26400	22000	23800	21500	20100	21000
7	38100	36600	37500	33900	30500	31900	24400	21600	22500	21500	19800	20500
8	37800	35200	37000	32500	28100	29500	---	---	---	20900	18800	19700
9	37600	34500	36400	28300	22900	25000	---	---	---	20600	17800	18800
10	36300	33900	34800	25200	23900	24700	---	---	---	19700	14800	16700
11	35000	34600	34800	32900	24700	27400	27300	22000	23800	16900	12800	14300
12	36400	34600	35200	32700	30500	31500	24700	21800	22900	27300	12700	17900
13	41600	34600	37400	32000	30600	31500	24600	22000	22900	29700	25300	27800
14	42500	37000	40800	32500	31300	32000	25400	21500	23300	27200	21800	24200
15	42700	36900	40700	32400	29800	31400	25200	22000	23400	25600	22000	23000
16	42600	38700	40600	31700	30300	31200	23600	22900	23300	23000	21900	22700
17	41900	38800	40200	32200	30800	31700	25000	22600	23300	25800	22600	24300
18	41200	40100	40500	31800	30200	31300	24700	22700	23400	26700	24400	25300
19	41600	40300	40800	30200	29000	29700	24500	21200	22700	27100	25300	26200
20	41700	39800	40600	29400	28900	29200	23300	19800	20900	26200	24200	25000
21	41000	37400	39000	29100	28100	28600	20900	19400	20000	25300	24200	24700
22	39600	37600	38900	29500	26700	27700	20500	18400	19100	25100	23800	24500
23	40900	38900	40300	29600	26000	27600	22000	19000	20600	26200	23600	24900
24	40700	38100	39400	27200	23600	25000	23500	21200	22200	29100	24500	26400
25	40000	36900	38300	24400	19600	21900	24600	22000	22900	33600	25400	30600
26	37500	35500	37000	21100	19400	19900	23600	22400	23000	38100	32800	35400
27	39500	35500	38500	23300	19500	20800	23800	23000	23400	40100	36400	37900
28	40400	38800	39700	24700	21600	23200	23700	22500	23300	41400	39800	40800
29	40100	31200	37100	30600	22800	26100	23700	22200	22900	41700	40000	41000
30	---	---	---	29800	26100	28400	22800	21600	22200	43800	41300	43100
31	---	---	---	27300	25200	25700	---	---	---	45200	42800	44300
MONTH	42700	31200	38500	39000	19400	29100	---	---	---	45200	12700	26100
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	45300	43200	44000	30600	26100	28000	35400	31500	33900	28900	27100	28100
2	44100	35700	40300	31300	27100	28900	35300	32700	34100	29100	25500	27500
3	43100	36400	39600	31200	27100	29200	33600	31600	32800	29400	26800	28300
4	41500	38600	40200	30300	27700	29200	32500	31400	32100	30100	26000	28000
5	41100	38900	40100	30400	28400	29300	31800	31200	31600	29200	26900	28200
6	40500	36600	38400	29600	28800	29100	33000	28200	31200	32200	28500	30600
7	40100	37500	38800	29400	28800	29100	34300	33000	33800	33900	29800	32200
8	41500	37900	39900	29300	28800	29100	33800	31800	33200	31400	27400	29300
9	41200	31700	36600	29400	28300	29100	32000	30900	31600	30300	28200	29300
10	32200	29700	30700	28900	27500	28500	32700	31100	31600	30000	27700	28800
11	30900	28600	29800	28700	27100	28000	32800	31600	32100	31100	27400	29500
12	28600	23300	24700	28100	26600	27300	32400	30900	31600	31100	28800	29700
13	25600	20800	22400	28300	26400	27400	31400	29700	30700	29900	26600	28200
14	24200	20300	22000	30500	25800	28300	31200	30400	30900	27400	25800	26900
15	23400	19600	21200	29900	25600	28300	31100	29800	30500	26500	23300	25100
16	23600	21100	22000	33600	27600	30700	31200	30400	30800	31500	24500	28400
17	24200	21000	22700	35400	29000	32300	31300	29900	30600	32400	30500	31500
18	24400	21700	22900	35900	29300	33300	31400	29800	30500	35000	30700	32700
19	24900	21900	23100	35800	29600	33300	30700	29600	30000	30700	27400	28800
20	25000	22700	23400	35500	31400	33900	30400	28800	29700	31500	24900	29200
21	26100	23900	25000	35800	32000	34200	32000	29400	30500	30400	27900	29400
22	26100	23800	24900	35800	33600	34800	32400	29700	31300	29200	27500	28300
23	27200	24400	25200	33700	30200	32000	32300	28400	30800	28100	26100	27300
24	26700	24100	25300	31300	29700	30400	32300	29200	30800	27000	25200	26300
25	26300	24100	24800	30900	29300	30400	32200	28400	30500	26200	21900	24900
26	27000	24700	25700	32700	29500	31600	31100	27900	29300	25200	20900	22900
27	28900	25700	27400	35300	31500	33400	31400	28300	29600	28400	24800	26900
28	28900	25600	27400	36000	31500	33600	31000	27500	29300	31800	27300	29300
29	28100	25600	27300	36000	31800	33800	28200	26700	27500	36800	31100	34700
30	30300	26100	28100	35400	31500	33100	29200	25600	27300	37600	34900	36700
31	---	---	---	35900	31500	33900	29000	26800	27800	---	---	---
MONTH	45300	19600	29500	36000	25600	30800	35400	25600	30900	37600	20900	28900

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.3	22.6	23.5	22.9	20.4	22.0	16.0	13.5	15.0	16.1	14.8	15.4
2	25.1	23.1	24.0	20.4	16.9	19.0	16.3	14.6	15.6	17.4	15.7	16.5
3	26.4	24.8	25.4	17.1	15.0	16.1	17.4	15.8	16.7	17.8	16.5	17.4
4	26.3	25.7	25.9	17.5	13.8	16.3	17.6	17.1	17.4	18.4	14.5	17.1
5	25.8	24.4	25.2	19.1	16.7	17.9	18.4	16.9	17.9	14.5	12.1	13.2
6	24.5	22.8	23.7	19.6	17.7	18.7	16.9	14.6	15.5	13.3	11.6	12.5
7	25.7	24.0	24.8	19.7	18.2	19.0	15.0	13.9	14.4	14.1	12.2	13.1
8	25.3	25.0	25.1	20.6	18.8	19.7	15.8	14.3	15.1	15.2	12.9	13.9
9	25.6	24.5	25.1	21.8	19.9	20.8	17.6	15.6	16.5	17.6	14.1	15.8
10	26.2	25.1	25.7	22.8	20.7	21.6	17.7	16.4	17.1	19.4	16.2	17.6
11	26.1	25.5	25.9	23.7	21.2	22.6	17.5	15.8	16.6	19.0	16.2	17.4
12	26.6	25.0	25.9	22.8	21.4	22.2	18.5	16.6	17.6	18.7	17.0	17.9
13	27.7	25.6	26.6	22.5	20.7	21.6	18.5	16.6	17.8	20.6	18.2	19.1
14	27.6	26.1	26.8	23.1	21.1	22.2	17.6	15.7	16.6	18.5	13.8	15.8
15	27.8	25.8	26.8	22.0	19.6	21.2	17.0	14.3	16.1	15.4	13.7	14.4
16	27.5	25.8	26.6	19.6	17.8	18.6	14.3	12.9	13.3	16.6	14.5	15.5
17	28.3	25.9	27.2	18.7	16.9	17.9	14.1	12.5	13.4	17.8	15.7	16.7
18	27.4	25.2	25.9	19.0	16.7	17.9	14.3	13.1	13.9	18.8	17.1	17.9
19	25.2	23.6	24.5	19.2	18.3	18.7	13.1	12.5	12.8	19.8	18.2	18.8
20	23.6	20.7	22.3	20.2	18.7	19.5	13.8	12.3	13.2	19.2	15.8	18.1
21	20.9	19.3	20.0	21.1	19.6	20.5	13.5	12.4	13.2	15.8	14.1	14.7
22	21.0	18.9	19.8	21.9	20.5	21.2	12.8	10.8	12.0	15.1	13.2	14.2
23	20.2	18.7	19.5	23.0	21.0	21.9	12.7	10.5	11.7	17.2	15.1	16.1
24	18.7	17.2	17.9	23.8	21.6	22.5	13.8	11.0	12.3	16.1	12.9	14.9
25	18.7	16.6	17.7	22.2	20.4	21.6	12.9	10.7	11.6	12.9	10.8	12.0
26	19.5	17.2	18.4	20.4	17.9	18.9	12.9	10.3	11.2	10.9	9.1	10.1
27	20.9	17.7	19.5	18.4	16.8	17.6	12.1	10.2	11.1	10.4	8.5	9.5
28	22.0	19.3	20.7	18.8	16.5	17.7	12.6	10.4	11.3	12.2	10.3	11.3
29	22.6	20.1	21.3	18.9	16.8	17.9	12.2	9.9	11.0	11.9	10.8	11.1
30	22.2	21.1	21.7	17.5	14.8	15.9	13.7	11.1	12.3	11.0	10.0	10.5
31	22.8	21.8	22.3	---	---	---	15.3	12.1	14.0	10.5	9.4	9.8
MONTH	28.3	16.6	23.4	23.8	13.8	19.6	18.5	9.9	14.3	20.6	8.5	14.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.0	9.2	9.6	21.8	19.5	20.6	23.2	22.0	22.7	25.0	22.6	23.8
2	11.8	9.6	10.6	22.5	20.8	21.8	24.3	22.7	23.4	25.6	23.6	24.5
3	12.8	10.6	11.6	22.5	21.2	21.8	24.2	22.8	23.6	25.2	23.8	24.5
4	14.0	11.3	12.6	21.6	19.6	20.6	22.8	19.0	20.8	26.4	23.8	24.9
5	12.3	9.8	11.1	20.7	18.9	19.8	21.0	17.3	19.0	27.2	24.6	25.7
6	12.5	9.8	11.4	20.9	18.8	20.0	20.5	18.5	19.5	27.0	24.7	25.8
7	13.4	10.8	12.2	21.6	19.2	20.5	22.2	19.1	20.4	27.2	25.2	26.1
8	14.5	11.6	13.0	22.1	20.3	21.2	---	---	---	27.3	25.4	26.2
9	15.9	12.3	14.0	22.9	21.3	22.0	---	---	---	27.1	25.0	26.0
10	15.7	13.6	14.6	23.6	21.9	22.7	---	---	---	27.9	25.9	26.9
11	16.7	14.9	15.8	23.0	20.5	22.2	21.3	18.3	19.8	28.3	26.5	27.4
12	18.0	16.3	17.0	20.5	17.0	18.6	23.2	20.5	21.8	28.8	26.5	27.3
13	18.4	17.0	17.4	19.3	16.8	18.1	23.2	22.3	22.7	29.3	26.5	27.6
14	19.1	17.4	18.5	19.2	17.0	18.2	22.8	21.4	22.2	28.0	25.9	27.0
15	20.4	19.0	19.6	19.1	18.6	18.8	24.5	21.5	22.7	27.6	24.8	26.1
16	21.6	19.1	20.7	20.8	18.4	19.5	25.6	22.3	23.8	27.6	24.8	26.3
17	22.8	20.5	21.6	21.1	19.6	20.6	26.8	23.5	25.0	27.5	25.7	26.6
18	22.7	20.8	21.7	21.3	20.2	20.6	26.2	23.6	25.0	28.5	25.8	27.0
19	23.6	21.0	22.4	20.9	18.8	20.2	26.2	23.7	25.0	28.6	26.5	27.6
20	21.0	18.3	19.5	20.0	17.1	18.5	26.1	23.9	24.8	28.5	26.6	27.6
21	18.7	17.2	17.9	20.4	17.9	19.2	25.3	23.4	24.3	27.9	26.7	27.3
22	18.7	16.8	17.7	21.7	19.2	20.4	23.6	20.9	22.4	29.3	26.2	27.5
23	19.0	17.4	18.3	22.5	20.5	21.5	22.6	21.3	21.8	29.3	27.3	28.3
24	20.5	18.4	19.5	23.0	21.0	22.0	24.7	21.7	23.1	29.0	27.4	28.2
25	21.3	19.4	20.3	23.9	21.7	22.7	23.2	20.7	22.0	28.8	27.4	28.2
26	22.0	20.2	21.1	23.8	22.4	22.8	24.1	20.8	22.5	29.0	27.7	28.2
27	21.5	19.9	20.7	23.6	21.7	22.6	24.7	21.8	23.3	29.1	27.4	28.1
28	20.0	18.6	19.3	22.7	20.2	21.7	25.1	22.3	23.6	30.0	27.3	28.4
29	20.5	18.1	19.3	22.8	21.5	22.1	24.5	22.3	23.4	30.2	27.4	28.8
30	---	---	---	24.8	22.1	23.5	24.9	22.5	23.7	29.9	27.5	28.8
31	---	---	---	24.1	21.9	22.9	---	---	---	29.2	27.4	28.2
MONTH	23.6	9.2	16.9	24.8	16.8	20.9	---	---	---	30.2	22.6	26.9

MISSISSIPPI RIVER DELTA

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.9	27.1	28.0	28.9	27.4	28.1	29.0	27.2	28.1	31.8	29.5	30.6
2	30.0	27.6	28.7	30.2	26.9	28.4	29.7	27.8	28.6	31.0	29.0	29.9
3	30.2	28.4	29.2	30.9	28.4	29.6	28.9	27.7	28.2	31.2	28.7	30.0
4	29.4	27.8	28.8	30.7	28.7	29.6	31.0	27.6	29.1	33.1	30.0	31.3
5	29.0	27.4	28.2	31.3	28.7	30.1	31.9	28.8	30.3	33.5	31.0	31.8
6	28.2	27.2	27.8	32.8	29.5	31.0	32.0	29.6	30.7	31.1	27.6	29.5
7	27.9	25.6	26.8	33.1	30.3	31.5	31.5	30.2	30.8	29.0	27.4	28.1
8	28.6	25.7	27.2	34.1	31.2	32.4	32.4	29.7	30.8	28.3	26.9	27.5
9	28.9	27.0	27.9	33.3	31.7	32.4	33.5	30.4	31.6	28.3	26.6	27.3
10	29.2	26.9	27.9	33.6	31.0	32.1	31.7	29.3	30.4	29.6	27.5	28.5
11	29.4	27.3	28.3	33.2	30.2	31.6	32.3	28.7	30.1	29.8	28.7	29.1
12	30.2	27.4	28.9	32.9	30.3	31.6	31.6	30.0	30.5	30.1	28.4	29.0
13	29.9	28.2	28.9	32.7	30.0	31.3	31.3	29.1	30.2	30.1	28.7	29.2
14	30.9	28.0	29.2	32.3	29.7	31.0	31.5	29.7	30.5	31.0	28.7	29.6
15	29.3	28.2	28.7	33.0	29.8	31.2	31.5	29.9	30.6	30.9	28.9	30.0
16	28.3	26.8	27.6	32.8	30.3	31.5	33.0	30.1	31.4	30.2	26.5	28.0
17	29.0	26.6	27.6	31.6	29.9	30.6	33.1	30.9	31.9	26.7	25.3	26.0
18	29.8	27.8	28.7	31.4	29.7	30.5	33.1	31.6	32.2	26.8	24.8	25.8
19	30.8	28.7	29.7	31.2	29.5	30.1	32.9	31.0	31.9	27.4	25.3	26.3
20	31.1	29.1	30.0	32.1	29.6	30.5	31.6	30.0	30.7	29.5	26.4	27.5
21	31.5	29.6	30.4	32.2	30.5	31.4	32.6	30.0	31.1	29.3	27.9	28.6
22	31.4	29.4	30.5	32.6	29.8	30.8	31.4	29.4	30.3	28.8	27.8	28.2
23	32.0	29.6	30.9	31.3	28.3	29.3	29.6	28.8	29.2	30.2	27.9	28.9
24	31.8	29.9	30.9	31.2	27.4	28.8	31.2	28.9	29.8	30.8	28.3	29.5
25	31.3	30.0	30.7	31.3	28.4	29.9	32.9	29.9	31.0	30.1	26.3	29.0
26	30.6	28.8	29.8	32.1	29.2	30.4	32.9	30.7	31.7	26.3	22.7	23.8
27	30.1	29.0	29.5	32.3	29.5	30.7	32.9	30.5	31.4	24.0	21.6	22.9
28	30.5	28.7	29.5	32.9	29.9	31.1	33.3	30.4	31.6	23.9	22.2	23.1
29	30.1	28.8	29.4	32.2	29.9	30.9	31.9	29.9	31.1	24.1	22.2	23.2
30	29.1	27.9	28.7	31.6	28.4	29.7	31.5	29.1	30.5	24.7	22.8	23.7
31	---	---	---	28.8	27.6	28.3	31.9	29.9	30.8	---	---	---
MONTH	32.0	25.6	28.9	34.1	26.9	30.5	33.5	27.2	30.6	33.5	21.6	27.9

MISSISSIPPI RIVER DELTA

177

07374577 BAYOU BONFOUCA AT WEST HALL ROAD, AT SLIDELL, LA

LOCATION.--Lat 30°17'05", long 89°47'30", T. 9 S., R. 14 E., St. Tammany Parish, Hydrologic Unit 08090201, at bridge on West Hall Road, approximately 0.7 miles west of intersection with Hwy. 11.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--November 1985 to September 1987, May 1998 to September 1999 (elevations only); October 1999 to current year (gage height).

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

REMARKS.--Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.98 ft, Sept. 28, 1998; minimum, -0.83 ft, Jan. 26, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.98 ft, Oct. 9; minimum elevation, -0.83 ft, Jan. 26.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.44	1.38	.73	.23	.24	.65	.88	.91	1.18	1.08	.69	.87
2	1.47	.48	.84	.31	.24	.38	1.30	1.07	1.17	.86	.72	.87
3	1.62	.00	1.17	.59	.16	.53	1.38	1.23	.95	.85	.77	.95
4	1.68	.23	1.42	.53	-.08	-.02	.55	1.27	.74	.93	.70	1.10
5	1.61	.55	1.40	-.23	-.25	.15	.17	1.51	.56	.96	.50	.96
6	1.57	.62	.58	-.01	-.24	.40	.23	1.45	.31	.86	.45	1.09
7	1.90	.55	.65	.14	-.10	.48	.44	1.30	.63	.66	.72	1.95
8	2.71	.63	.88	.30	-.07	.78	.21	1.15	.75	.58	.89	2.12
9	2.39	.88	1.17	.66	-.07	.71	-.06	1.07	.97	.72	.72	2.01
10	1.91	1.16	.95	.66	-.07	.69	.20	.87	1.16	.65	.68	1.75
11	1.59	1.16	.72	.32	.08	.56	.52	.77	1.18	.45	.76	1.63
12	1.52	.91	1.05	.30	.18	.15	.84	.79	1.07	.33	.74	1.68
13	1.38	1.01	1.21	.28	.42	.32	.89	.74	.96	.09	.78	1.41
14	1.32	.94	.41	.20	.50	.50	.89	.59	.88	-.12	.92	1.29
15	1.30	.54	.31	.71	.53	.99	1.30	.78	.95	-.08	.79	1.06
16	1.34	.44	-.01	.41	.71	1.51	1.28	.75	1.04	.14	.44	1.33
17	1.15	.61	.32	.38	.60	1.09	.62	.90	1.08	.20	.40	1.59
18	.84	.77	.92	.35	.75	.93	.37	1.13	1.26	.14	.48	1.75
19	.79	1.05	.72	.25	.52	1.30	.49	1.07	1.23	.14	.35	1.20
20	.68	1.04	.54	-.06	.33	.52	.66	1.03	1.11	.07	.17	1.28
21	.72	.99	1.02	-.04	.27	.58	.37	.92	.94	.05	.37	1.34
22	.67	1.18	.76	.40	.23	.63	.34	.67	.61	.30	.87	1.65
23	.28	1.33	.61	.57	.75	.48	.57	.57	.47	.45	1.21	1.45
24	.45	1.16	.28	.41	.77	.69	.97	.38	.53	.15	1.15	1.16
25	.64	1.00	-.04	-.17	.84	.70	.37	.31	.55	.44	1.05	.75
26	.68	.68	-.05	-.60	1.07	.60	.41	.50	.67	.61	.85	.28
27	.66	.69	-.41	-.28	.79	.57	.56	.71	.85	.69	.78	.54
28	.64	.61	-.37	1.10	.63	.48	.28	.38	.91	.77	.74	.82
29	.81	.35	-.60	1.26	.64	.70	.45	.11	.67	.74	.48	1.11
30	1.35	.36	-.21	.52	---	.88	.56	.49	.57	.64	.36	1.39
31	1.64	---	.07	.22	---	.62	---	.87	---	.61	.77	---
MAX	2.71	1.38	1.42	1.26	1.07	1.51	1.38	1.51	1.26	1.08	1.21	2.12
MIN	.28	.00	-.60	-.60	-.25	-.02	-.06	.11	.31	-.12	.17	.28

MISSISSIPPI RIVER DELTA

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA

LOCATION.--Lat 30°36'57", long 90°14'55", on line between SE 1/4 NE 1/4 and SW 1/4 NE 1/4 sec. 13, T. 5 S., R. 9 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08090201, near center of span on downstream side of bridge on State Highway 40, 1.2 mi upstream from Bull Branch, and 3.6 mi southwest of Folsom.

DRAINAGE AREA.--95.5 mi², not including Bull Branch which has a drainage area of 7.5 mi² at State Highway 40. Total drainage area for extreme floods is 103 mi².

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944, monthly discharge only, published in WSP 1311. Prior to October 1954, published as Chefuncta River near Folsom.

REVISED RECORDS.--WSP 1057: 1944(M), 1945. WDR LA-83-2: 1948(M), 1953(M), 1961(M), 1962(M), 1973(M), 1977(M).

GAGE.--Water-stage recorder. Datum of gage is 62.11 ft. above sea level. Prior to June 9, 1944, non-recording gage at same site and datum.

REMARKS.--Records good. Several measurements of water temperature were made during the year. Satellite telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	48	37	57	55	46	45	37	28	43	33	28
2	36	45	38	56	53	45	44	37	28	40	30	28
3	35	41	38	56	52	45	45	37	28	37	29	28
4	36	39	39	198	51	45	45	37	29	35	34	28
5	42	40	40	372	50	44	46	39	53	34	32	28
6	38	40	41	142	48	44	44	40	50	34	28	28
7	35	40	39	104	48	44	43	36	43	33	28	27
8	38	39	39	86	48	43	43	35	38	32	28	28
9	94	39	39	77	48	43	41	35	34	31	28	29
10	121	39	40	83	48	43	41	35	33	32	29	31
11	100	39	39	94	47	45	41	35	33	31	30	31
12	64	39	41	82	47	52	42	34	32	30	30	30
13	50	38	133	72	47	56	47	34	31	29	28	30
14	45	38	112	66	47	46	52	34	31	28	28	30
15	43	38	65	62	46	46	46	33	30	28	28	39
16	41	37	53	60	46	57	44	33	30	28	28	34
17	40	37	48	59	46	63	43	33	30	28	28	29
18	39	37	78	58	46	55	42	33	31	28	28	28
19	39	37	422	57	46	72	41	33	33	28	28	28
20	39	37	247	55	46	95	41	33	35	28	28	28
21	38	37	295	53	45	73	40	33	33	28	28	28
22	38	38	333	52	45	60	39	33	36	28	28	29
23	37	38	143	53	45	53	38	33	34	32	28	31
24	37	38	102	58	45	49	41	32	32	31	29	31
25	36	38	84	60	e46	46	42	32	32	28	28	29
26	36	39	74	55	e48	46	42	31	81	28	28	28
27	36	40	68	53	e50	49	40	31	107	28	28	28
28	37	39	65	55	52	52	39	30	65	28	28	28
29	37	39	62	61	48	49	39	30	78	28	28	28
30	38	38	60	61	---	46	38	29	48	28	28	28
31	44	---	59	57	---	45	---	28	---	29	28	---
MEAN	46.2	39.0	95.9	81.1	47.9	51.5	42.5	33.7	40.9	30.7	28.8	29.3
MAX	121	48	422	372	55	95	52	40	107	43	34	39
MIN	35	37	37	52	45	43	38	28	28	28	28	27
CFSM	.48	.41	1.00	.85	.50	.54	.44	.35	.43	.32	.30	.31
IN.	.56	.46	1.16	.98	.54	.62	.50	.41	.48	.37	.35	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2000, BY WATER YEAR (WY)

	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
MEAN	63.8	120	185	216	298	253	237	155	89.8	89.6	95.4	91.0
MAX	216	800	866	831	1257	621	1227	853	373	302	426	419
(WY)	1978	1962	1954	1998	1961	1973	1983	1953	1959	1949	1983	1977
MIN	32.0	39.0	51.3	57.7	47.9	51.5	42.5	33.7	35.5	30.7	28.8	29.3
(WY)	1969	2000	1970	1957	2000	2000	2000	2000	1968	2000	2000	2000

MISSISSIPPI RIVER DELTA

179

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1944 - 2000	
ANNUAL MEAN	66.9		47.4		157	
HIGHEST ANNUAL MEAN					313	1949
LOWEST ANNUAL MEAN					47.4	2000
HIGHEST DAILY MEAN	1160	Mar 15	422	Dec 19	15100	Feb 22 1961
LOWEST DAILY MEAN	29	Sep 19	27	Sep 7	.00	Jun 5 1981
ANNUAL SEVEN-DAY MINIMUM	29	Sep 19	28	Sep 1	28	Sep 9 1968
INSTANTANEOUS PEAK FLOW			496	Dec 19	29800	Apr 5 1983
INSTANTANEOUS PEAK STAGE			9.82	Dec 19	24.14	Apr 5 1983
INSTANTANEOUS LOW FLOW			27	Jul 28	26	Sep 4 1968
INSTANTANEOUS LOW STAGE			44.45	Sep 6	44.45	Sep 6 2000
ANNUAL RUNOFF (CFSM)	.70		.50		1.64	
ANNUAL RUNOFF (INCHES)	9.51		6.76		22.32	
10 PERCENT EXCEEDS	98		63		292	
50 PERCENT EXCEEDS	46		39		69	
90 PERCENT EXCEEDS	34		28		42	

a Also occurred Sep 7.

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.06	5.13	4.91	5.25	5.22	5.07	5.03	4.84	4.60	4.98	4.74	4.50
2	4.93	5.08	4.91	5.23	5.19	5.04	5.00	4.84	4.60	4.91	4.67	4.52
3	4.91	4.99	4.92	5.24	5.17	5.03	5.02	4.84	4.59	4.84	4.61	4.50
4	4.94	4.96	4.94	7.10	5.16	5.02	5.03	4.85	4.62	4.80	4.73	4.47
5	5.06	4.97	4.95	8.92	5.14	5.01	5.05	4.89	5.15	4.76	4.68	4.48
6	4.96	4.97	4.97	6.59	5.12	5.00	5.00	4.90	5.13	4.73	4.59	4.46
7	4.91	4.96	4.95	6.02	5.11	5.00	4.98	4.82	4.98	4.70	4.56	4.45
8	4.97	4.96	4.94	5.75	5.11	4.99	4.96	4.80	4.85	4.68	4.56	4.52
9	5.87	4.95	4.95	5.61	5.11	4.98	4.94	4.79	4.74	4.66	4.56	4.58
10	6.24	4.94	4.95	5.69	5.11	4.98	4.92	4.79	4.71	4.67	4.57	4.64
11	5.96	4.95	4.94	5.86	5.10	5.02	4.92	4.79	4.69	4.65	4.63	4.64
12	5.43	4.94	4.99	5.68	5.10	5.18	4.95	4.77	4.67	4.63	4.62	4.61
13	5.19	4.94	6.32	5.53	5.10	5.23	5.09	4.76	4.66	4.61	4.57	4.61
14	5.09	4.93	6.08	5.43	5.10	5.06	5.17	4.74	4.65	4.60	4.54	4.62
15	5.04	4.93	5.42	5.35	5.08	5.06	5.07	4.72	4.64	4.58	4.52	4.83
16	5.01	4.92	5.21	5.31	5.07	5.26	5.01	4.71	4.64	4.57	4.54	4.70
17	4.99	4.91	5.12	5.29	5.07	5.36	4.98	4.71	4.64	4.58	4.54	4.58
18	4.97	4.91	5.55	5.27	5.07	5.22	4.95	4.70	4.66	4.59	4.52	4.53
19	4.96	4.91	9.23	5.25	5.07	5.51	4.92	4.70	4.70	4.56	4.50	4.52
20	4.95	4.92	7.68	5.23	5.05	5.88	4.93	4.70	4.79	4.56	4.48	4.52
21	4.94	4.92	8.19	5.19	5.03	5.54	4.90	4.71	4.72	4.55	4.54	4.53
22	4.93	4.93	8.54	5.17	5.02	5.31	4.88	4.71	4.78	4.54	4.52	4.56
23	4.93	4.93	6.59	5.19	5.03	5.19	4.86	4.69	4.75	4.68	4.54	4.63
24	4.91	4.93	5.99	5.28	5.02	5.12	4.93	4.68	4.67	4.66	4.59	4.62
25	4.91	4.94	5.72	5.31	---	5.08	4.95	4.67	4.69	4.57	4.55	4.56
26	4.91	4.95	5.56	5.22	---	5.07	4.94	4.66	5.61	4.56	4.53	4.54
27	4.91	4.95	5.46	5.18	---	5.13	4.90	4.65	6.06	4.53	4.54	4.53
28	4.92	4.94	5.40	5.21	5.17	5.17	4.89	4.64	5.39	4.52	4.52	4.52
29	4.92	4.93	5.35	5.32	5.12	5.12	4.88	4.62	5.62	4.54	4.53	4.50
30	4.94	4.92	5.32	5.32	---	5.07	4.87	4.61	5.09	4.56	4.50	4.49
31	5.05	---	5.29	5.26	---	5.05	---	4.61	---	4.62	4.50	---
MAX	6.24	5.13	9.23	8.92	---	5.88	5.17	4.90	6.06	4.98	4.74	4.83
MIN	4.91	4.91	4.91	5.17	---	4.98	4.86	4.61	4.59	4.52	4.48	4.45

MISSISSIPPI RIVER DELTA

07375050 TCHEFUNCTA 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.

WATER-STAGE RECORDS.

PERIOD OF RECORD.--November 1950 to September 1965 (annual maximum and discharge measurements). October 1963 to December 1967 (low-flow station). October 1977 to September 1982 (discharge measurements only). January 1998 to current year (elevations 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 elevation, 29.86 ft, May 3, 1953; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 17.50 ft, Oct. 9; minimum elevation, 8.85 ft, Sept. 7.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.25	9.48	9.31	9.80	9.83	9.59	9.57	9.40	9.12	9.82	9.04	8.93
2	9.29	9.49	9.31	9.77	9.76	9.55	9.56	9.38	9.11	9.83	9.15	8.91
3	9.20	9.43	9.32	9.75	9.71	9.53	9.90	9.38	9.11	9.48	9.09	---
4	9.20	9.36	9.36	10.51	9.69	9.52	10.15	9.38	9.11	9.34	9.03	---
5	9.22	9.34	9.39	13.26	9.66	9.50	9.71	9.38	9.19	9.27	9.09	8.87
6	9.29	9.35	9.35	12.51	9.62	9.50	9.61	9.41	9.58	9.23	9.08	8.87
7	9.23	9.35	9.35	10.97	9.60	9.49	9.55	9.41	9.51	9.20	9.00	8.86
8	9.26	9.35	9.34	10.52	9.60	9.49	9.52	9.35	9.41	9.17	8.97	9.08
9	15.42	9.34	9.34	10.29	9.60	9.48	9.49	9.34	9.32	9.14	8.98	9.05
10	13.44	9.34	9.35	11.27	9.60	9.48	9.47	9.32	9.24	9.12	8.98	9.05
11	11.04	9.33	9.35	10.99	9.60	9.50	9.47	9.32	9.19	9.12	9.09	9.04
12	10.41	9.34	9.38	10.65	9.60	9.52	9.47	9.32	9.18	9.10	9.04	9.04
13	9.91	9.32	10.17	10.33	9.60	9.62	9.76	9.31	9.16	9.08	9.01	9.04
14	9.66	9.32	10.91	10.14	9.60	9.65	10.00	9.28	9.14	9.06	8.97	9.03
15	9.54	9.31	10.32	10.00	9.58	9.58	9.85	9.27	9.14	9.06	9.13	9.01
16	9.48	9.30	9.83	9.91	9.57	9.70	9.67	9.25	9.14	9.04	8.99	9.13
17	9.45	9.29	9.63	9.86	9.57	9.82	9.59	9.24	9.14	9.03	8.94	9.07
18	9.42	9.29	10.84	9.83	9.57	9.88	9.54	9.24	9.13	9.03	8.95	8.96
19	9.39	9.31	13.56	9.80	9.56	10.66	9.51	9.23	9.14	9.04	8.92	8.92
20	9.37	9.31	14.07	9.78	9.54	10.70	9.49	9.22	9.19	9.00	8.91	8.92
21	9.35	9.32	15.19	9.73	9.52	10.49	9.48	9.23	9.28	9.00	8.94	8.92
22	9.34	9.32	14.86	9.71	9.51	10.09	9.45	9.22	9.39	9.00	8.94	8.99
23	9.33	9.33	12.62	9.75	9.51	9.86	9.44	9.21	9.24	9.01	9.00	9.02
24	9.31	9.33	11.16	10.10	9.52	9.75	9.67	9.20	9.21	9.09	9.00	9.01
25	9.30	9.34	10.62	10.04	9.52	9.67	9.59	9.19	9.14	9.08	9.00	9.01
26	9.30	9.34	10.32	9.88	9.52	9.64	9.51	9.18	9.21	9.00	8.95	8.94
27	9.30	9.33	10.14	9.76	9.59	9.71	9.48	9.18	10.00	8.99	8.99	8.92
28	9.30	9.33	10.03	9.83	9.57	9.75	9.44	9.17	10.19	8.97	8.94	8.91
29	9.30	9.33	9.94	10.01	9.63	9.71	9.42	9.16	9.91	8.96	8.92	8.90
30	9.37	9.32	9.87	10.01	---	9.65	9.41	9.14	10.72	8.98	8.93	8.88
31	9.47	---	9.83	9.93	---	9.60	---	9.13	---	9.02	8.93	---
MAX	15.42	9.49	15.19	13.26	9.83	10.70	10.15	9.41	10.72	9.83	9.15	---
MIN	9.20	9.29	9.31	9.71	9.51	9.48	9.41	9.13	9.11	8.96	8.91	---

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1966-68, 1974, 1978-93, 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1978 to September 1982, October 1999 to current year.

WATER TEMPERATURE: April 1978 to September 1982, October 1999 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 83 microsiemens/cm Sept. 26, 27, 2000; minimum daily, 20 micromhos, Apr. 14, May 17, 18, 22, 1980, Dec. 5, 1999.

WATER TEMPERATURE: Maximum daily, 34.0°C July 25, 1980; minimum daily, 4.0°C Jan. 11, 12, 1982.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 83 microsiemens/cm, Sept. 26, 27; minimum recorded, 20 microsiemens/cm, Dec. 5.

WATER TEMPERATURE: Maximum recorded, 31.0°C, July 11; minimum recorded, 8.4°C, Feb. 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	37	36	36	40	37	38	37	26	30	49	44	46
2	36	35	35	40	34	36	36	24	26	44	43	44
3	36	35	35	37	33	34	26	24	25	44	43	44
4	36	35	35	38	34	35	27	23	24	50	43	46
5	37	35	36	38	36	37	32	20	26	44	36	39
6	38	36	37	39	37	37	33	23	29	46	41	44
7	37	35	36	38	36	37	40	31	36	46	38	43
8	37	36	36	39	35	37	42	27	37	52	38	50
9	37	26	30	42	37	40	---	---	---	50	46	48
10	38	31	35	44	39	40	---	---	---	54	46	49
11	43	38	39	41	38	40	---	---	---	46	43	44
12	50	43	47	40	29	38	---	---	---	44	43	44
13	52	49	50	40	36	39	---	---	---	46	44	45
14	54	52	53	42	32	39	---	---	---	46	45	46
15	62	52	53	42	40	41	---	---	---	46	45	46
16	52	34	46	41	38	40	51	42	48	47	45	46
17	46	31	42	40	39	40	51	37	48	47	46	47
18	44	31	43	40	34	38	50	38	45	46	40	44
19	44	39	41	40	34	38	43	25	38	41	32	38
20	41	37	39	39	32	38	---	---	---	43	37	39
21	38	30	34	39	32	38	---	---	---	44	38	40
22	30	26	28	39	37	38	---	---	---	44	39	41
23	39	26	35	39	38	38	---	---	---	42	38	40
24	40	38	38	41	38	40	---	---	---	50	40	45
25	40	38	38	41	38	41	---	---	---	48	40	43
26	39	37	38	42	41	41	52	48	50	40	38	39
27	39	36	37	42	39	41	52	50	51	43	38	39
28	39	36	36	41	39	40	51	49	50	42	39	40
29	38	36	36	42	35	40	49	46	47	45	42	43
30	38	35	36	42	37	40	49	45	47	43	41	42
31	40	36	37	---	---	---	49	44	47	43	41	42
MONTH	62	26	39	44	29	39	---	---	---	54	32	43

MISSISSIPPI RIVER DELTA

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	43	40	41	41	39	40	44	42	43	39	37	38
2	42	41	41	41	40	40	43	42	43	39	37	38
3	41	41	41	42	40	40	52	41	45	41	37	40
4	41	40	40	42	40	41	49	44	47	41	38	40
5	40	40	40	41	40	40	49	42	45	39	34	37
6	40	39	40	41	40	41	43	40	40	38	34	37
7	40	38	39	41	40	41	45	40	42	40	38	39
8	40	39	40	40	39	40	44	41	42	39	37	38
9	40	34	38	41	40	40	47	42	44	39	37	38
10	41	33	38	41	40	41	44	38	40	39	38	38
11	39	39	39	41	40	41	38	38	38	39	38	38
12	39	39	39	41	40	40	38	38	38	38	37	38
13	40	39	39	40	38	39	45	38	41	38	37	38
14	41	40	40	39	38	39	41	38	39	37	35	37
15	43	40	41	40	38	39	42	39	40	38	34	37
16	42	40	41	48	39	44	39	38	39	39	37	38
17	42	40	40	48	42	45	40	38	39	38	37	37
18	44	40	41	49	44	47	39	39	39	38	37	37
19	45	41	42	56	49	53	41	39	40	38	37	38
20	43	40	41	52	43	47	40	39	40	38	37	38
21	43	40	41	44	42	43	40	39	39	38	36	37
22	42	40	41	48	44	46	40	39	39	38	36	37
23	43	40	41	48	42	46	39	39	39	38	36	37
24	42	40	41	45	40	43	49	39	43	37	36	37
25	42	40	41	45	41	43	49	41	44	37	36	37
26	42	40	41	44	43	44	41	38	40	38	36	37
27	44	41	43	46	43	45	40	37	39	37	36	37
28	44	41	42	47	43	44	39	38	39	37	37	37
29	51	39	41	43	42	42	40	37	38	38	37	37
30	---	---	---	43	42	42	39	35	37	38	37	37
31	---	---	---	44	42	42	---	---	---	38	37	37
MONTH	51	33	40	56	38	43	52	35	41	41	34	38

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	38	37	37	45	40	42	37	35	36	43	41	41
2	38	37	37	43	40	41	36	34	35	---	---	---
3	38	37	37	41	41	41	35	34	35	---	---	---
4	38	37	37	41	40	41	36	35	35	---	---	---
5	38	37	37	41	40	41	37	35	36	---	---	---
6	38	35	37	41	39	40	37	35	36	41	38	40
7	41	34	36	40	38	39	38	36	37	40	38	39
8	47	35	42	39	37	38	41	37	38	53	39	45
9	51	43	48	38	37	38	41	39	40	51	40	44
10	44	42	42	38	37	37	39	38	38	43	41	42
11	42	39	40	---	---	---	38	36	37	45	41	42
12	40	38	38	---	---	---	38	36	37	48	40	45
13	39	37	38	---	---	---	38	37	38	52	45	49
14	45	39	42	---	---	---	39	38	38	52	47	50
15	45	41	42	---	---	---	39	38	38	58	47	54
16	41	39	40	---	---	---	39	37	38	59	57	58
17	39	38	39	---	---	---	39	36	38	59	56	57
18	39	37	38	---	---	---	37	35	36	58	56	57
19	38	36	37	---	---	---	37	36	37	58	57	57
20	37	36	36	---	---	---	37	35	36	58	50	54
21	36	34	35	---	---	---	37	35	36	64	52	57
22	41	33	37	---	---	---	36	35	36	75	64	69
23	37	35	36	---	---	---	36	34	35	79	74	77
24	36	32	34	---	---	---	37	35	36	82	73	79
25	35	32	33	36	35	36	37	36	37	77	71	74
26	38	35	37	36	35	35	37	36	37	83	75	80
27	36	31	34	36	34	35	41	36	38	83	79	81
28	41	31	36	35	35	35	41	37	38	80	76	78
29	45	39	42	44	35	38	39	38	39	76	64	69
30	42	35	40	44	39	41	40	39	39	64	57	60
31	---	---	---	39	36	37	41	40	41	---	---	---
MONTH	51	31	38	---	---	---	41	34	37	---	---	---

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.0	18.7	20.0	18.3	17.4	17.9	11.6	9.9	10.9	16.3	14.5	15.4
2	21.2	18.5	19.9	17.6	15.9	17.0	12.7	10.8	11.8	17.3	14.3	15.9
3	22.4	20.4	21.4	15.9	13.9	14.7	14.9	12.6	13.8	19.6	17.3	18.5
4	23.3	21.8	22.5	14.4	12.6	13.6	16.1	14.8	15.5	19.6	13.8	17.1
5	22.8	21.0	21.8	15.3	13.3	14.3	16.6	15.2	16.0	14.9	10.7	13.8
6	21.1	19.0	20.2	15.5	13.8	14.7	15.2	12.7	13.9	13.3	11.5	12.1
7	21.8	20.0	20.9	15.5	13.8	14.8	12.7	11.1	11.8	11.8	10.8	11.3
8	22.2	21.6	21.9	16.0	14.3	15.3	12.6	11.0	11.9	12.9	11.2	11.9
9	24.1	22.0	23.0	16.6	14.8	15.8	---	---	---	15.1	12.9	14.1
10	25.3	23.6	24.3	17.6	15.9	16.7	---	---	---	16.0	15.1	15.6
11	25.3	22.9	23.9	18.2	16.7	17.5	---	---	---	15.7	14.6	15.2
12	23.3	22.4	22.9	17.6	16.3	17.0	---	---	---	16.5	15.0	15.7
13	24.0	22.5	23.2	17.4	15.8	16.6	---	---	---	17.6	16.4	16.9
14	23.9	22.3	23.1	17.2	15.8	16.6	---	---	---	16.7	13.8	15.1
15	23.2	22.0	22.6	16.5	15.4	16.0	14.3	13.1	14.1	14.0	12.4	13.3
16	23.1	21.5	22.3	15.6	14.0	14.8	13.1	11.2	11.9	14.8	12.9	13.8
17	22.9	21.4	22.2	14.5	13.2	13.9	11.9	10.5	11.3	15.4	13.7	14.5
18	22.3	21.0	21.6	14.1	12.5	13.4	11.8	11.0	11.4	15.7	14.4	15.0
19	21.4	20.4	20.9	15.1	13.3	14.2	11.9	10.6	11.0	16.7	15.2	15.9
20	20.4	18.8	19.5	15.9	14.4	15.1	---	---	---	16.7	14.6	16.1
21	18.8	17.0	17.8	16.4	14.9	15.7	---	---	---	14.6	12.5	13.1
22	17.8	15.9	17.0	17.6	16.0	16.8	---	---	---	14.4	12.4	13.3
23	17.7	16.4	17.0	18.5	17.1	17.8	---	---	---	15.5	14.4	14.9
24	16.7	14.8	15.6	18.3	17.8	18.0	---	---	---	15.4	12.6	14.1
25	15.3	13.5	14.6	17.8	15.9	16.9	---	---	---	12.6	10.7	11.3
26	15.4	13.4	14.5	15.9	13.8	14.8	---	---	---	10.7	9.3	9.9
27	15.9	13.8	14.9	13.8	12.2	13.1	13.4	10.5	11.8	9.6	9.0	9.3
28	16.5	14.6	15.6	13.3	11.7	12.6	13.7	10.9	12.2	9.1	8.8	9.0
29	16.9	15.1	16.1	13.4	11.7	12.6	13.8	10.1	11.9	9.4	9.1	9.2
30	17.8	16.6	17.2	12.9	11.5	12.2	15.5	10.9	13.2	10.1	8.9	9.4
31	18.4	17.8	18.1	---	---	---	16.6	13.4	15.0	9.9	8.6	9.3
MONTH	25.3	13.4	19.9	18.5	11.5	15.3	---	---	---	19.6	8.6	13.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.3	8.9	9.5	19.0	17.0	18.1	20.1	19.3	19.8	22.2	20.1	21.2
2	11.3	9.7	10.4	19.8	17.9	18.8	21.8	20.0	21.1	23.1	20.6	21.7
3	11.4	9.6	10.5	19.8	18.3	19.0	21.3	19.8	20.8	22.9	21.5	22.2
4	11.7	10.0	10.8	19.0	16.9	17.9	19.8	17.9	18.7	24.2	21.1	22.7
5	10.9	9.5	10.2	17.8	15.5	16.7	18.6	16.1	17.4	24.8	22.5	23.6
6	10.3	8.4	9.4	18.2	15.7	17.0	18.7	16.9	18.1	26.4	22.9	24.5
7	10.5	9.0	9.7	18.9	16.5	17.7	20.4	17.5	18.9	27.1	24.3	25.6
8	12.2	10.3	11.2	19.9	17.6	18.7	20.1	17.7	19.0	26.9	23.8	25.2
9	12.9	10.7	11.8	21.1	19.0	20.0	17.9	15.0	16.4	27.0	23.9	25.4
10	14.3	11.9	13.0	22.0	20.0	20.9	18.1	14.8	17.1	27.1	24.3	25.6
11	15.7	13.7	14.7	20.9	17.9	20.1	19.3	16.5	18.0	27.6	24.9	26.2
12	17.4	15.4	16.3	17.9	15.7	16.8	20.6	18.2	19.4	28.3	25.5	26.7
13	18.1	16.8	17.4	16.7	14.3	15.5	20.3	19.3	19.7	28.4	25.8	27.0
14	19.1	17.4	18.1	16.5	14.7	15.6	19.7	18.7	19.2	27.1	24.2	25.6
15	18.3	16.2	17.4	16.8	16.0	16.4	19.7	18.5	19.1	26.1	22.6	24.4
16	19.4	17.5	18.4	18.5	16.6	17.6	21.5	18.7	19.9	25.4	21.9	23.8
17	19.9	18.0	19.0	19.3	17.3	18.3	22.1	19.6	20.8	25.8	22.5	24.2
18	21.1	19.2	20.1	18.5	17.9	18.1	22.6	19.6	21.2	27.8	24.1	25.8
19	20.4	17.8	19.6	18.0	16.8	17.8	23.8	20.8	22.2	28.5	25.0	26.7
20	17.8	15.6	16.5	17.0	15.2	16.1	24.0	21.8	22.8	27.0	25.2	26.0
21	16.3	14.1	15.2	17.4	15.4	16.4	23.9	21.4	22.6	26.5	24.3	25.4
22	16.4	13.7	15.1	18.7	16.5	17.5	22.6	19.7	21.3	27.2	24.4	25.8
23	17.4	14.9	16.2	19.5	17.2	18.3	21.5	20.0	20.7	28.1	24.7	26.4
24	19.0	17.0	18.0	20.0	17.9	18.8	23.0	20.1	21.4	28.1	25.7	26.8
25	20.1	17.8	18.9	20.9	18.6	19.6	22.3	19.8	21.0	29.3	26.2	27.6
26	20.8	18.9	19.8	20.4	19.4	19.7	21.6	18.9	20.4	29.5	26.7	28.0
27	19.4	17.6	18.5	20.5	18.9	19.6	21.6	18.9	20.4	29.8	27.0	28.3
28	18.3	16.0	17.2	20.0	18.0	19.1	23.4	20.3	21.7	29.7	26.9	28.2
29	17.9	15.5	16.8	20.0	18.9	19.5	22.9	19.6	21.3	29.6	26.4	28.0
30	---	---	---	21.2	19.7	20.3	23.1	19.8	21.4	29.0	25.4	27.2
31	---	---	---	21.3	18.9	20.1	---	---	---	27.6	25.2	26.5
MONTH	21.1	8.4	15.2	22.0	14.3	18.3	24.0	14.8	20.1	29.8	20.1	25.6

MISSISSIPPI RIVER DELTA

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	28.3	24.5	26.3	28.0	25.5	26.5	27.1	25.0	26.2	29.9	26.5	28.3
2	28.3	25.1	26.8	27.8	25.4	26.5	28.1	25.5	26.7	---	---	---
3	28.5	25.7	27.2	29.0	25.9	27.4	27.0	25.8	26.3	---	---	---
4	28.9	26.1	27.4	29.6	26.2	27.8	28.5	25.0	26.7	---	---	---
5	26.9	25.3	25.9	29.2	26.0	27.5	28.5	26.0	27.3	---	---	---
6	27.1	24.7	25.7	29.5	26.1	27.8	29.5	26.5	27.9	28.3	26.1	27.2
7	26.6	23.4	25.0	30.3	26.7	28.5	29.9	26.9	28.2	26.5	25.0	25.8
8	26.2	23.4	24.9	30.9	27.6	29.2	30.5	27.1	28.6	25.8	25.2	25.5
9	27.0	24.3	25.7	30.3	27.5	28.8	29.4	26.9	28.3	26.4	25.0	25.6
10	27.6	24.7	26.1	30.5	27.4	28.9	30.0	27.0	28.2	27.6	24.9	26.1
11	28.3	24.7	26.4	---	---	---	29.0	26.0	27.5	27.7	25.6	26.7
12	26.8	24.9	25.9	---	---	---	29.8	26.7	28.1	28.3	25.8	26.9
13	28.1	24.5	26.3	---	---	---	29.3	26.0	27.7	27.9	25.6	26.7
14	28.0	25.6	26.8	---	---	---	28.6	25.9	27.2	27.9	25.6	26.7
15	27.6	25.4	26.4	---	---	---	28.3	26.6	27.4	28.3	25.6	26.9
16	26.8	25.3	25.9	---	---	---	29.4	26.0	27.7	26.8	24.3	25.6
17	27.4	24.7	25.9	---	---	---	30.0	26.7	28.4	24.8	22.2	23.6
18	29.5	25.7	27.3	---	---	---	30.4	26.8	28.6	24.6	21.5	23.0
19	28.4	26.3	27.4	---	---	---	30.6	27.4	29.0	24.9	21.2	23.2
20	29.4	25.9	27.6	---	---	---	30.4	27.8	28.9	26.6	23.5	25.0
21	29.2	26.6	27.6	---	---	---	29.6	26.7	28.2	26.2	24.9	25.4
22	28.4	25.9	27.2	---	---	---	28.7	27.0	27.8	25.8	24.8	25.2
23	29.0	26.2	27.6	---	---	---	27.5	26.0	26.6	27.5	24.6	26.0
24	29.2	26.3	27.8	---	---	---	27.5	25.2	26.3	28.0	25.7	26.8
25	29.1	26.6	28.0	27.9	24.9	26.4	28.6	25.1	26.9	27.3	23.9	26.2
26	27.8	25.9	26.8	28.2	24.9	26.5	29.6	26.3	27.8	23.9	20.5	22.0
27	26.9	25.1	26.0	29.0	25.4	27.2	29.3	26.3	27.8	22.0	19.1	20.5
28	27.5	25.4	26.3	29.0	25.5	27.3	30.0	27.0	28.5	22.4	19.1	20.8
29	27.3	25.3	26.3	28.9	26.1	27.6	29.1	27.5	28.2	22.1	19.1	20.6
30	27.0	24.8	25.9	28.0	26.5	27.2	29.7	26.9	28.3	22.0	19.1	20.7
31	---	---	---	27.4	26.0	26.6	30.5	27.5	28.7	---	---	---
MONTH	29.5	23.4	26.5	---	---	---	30.6	25.0	27.7	---	---	---

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
OCT										
14...	0940	55	6.9	23.0	--	11	2.37	210	1.30	102
NOV										
08...	0930	38	7.4	15.5	--	7	1.51	120	.81	23
DEC										
16...	0900	48	7.0	11.5	10.4	9	1.79	200	1.18	35
JAN										
18...	1300	42	6.5	15.1	10.2	9	1.82	380	1.03	50
FEB										
15...	1000	40	7.1	16.5	9.2	7	1.50	170	.82	37
MAR										
27...	1145	42	7.7	19.8	8.5	8	1.65	330	.91	53
APR										
10...	1200	38	8.1	16.1	9.2	7	1.51	250	.84	38
MAY										
22...	1330	36	6.8	26.9	8.1	7	1.32	110	.79	53
JUN										
19...	1230	37	7.9	27.8	7.8	6	1.25	260	.81	50
JUL										
24...	1100	37	6.9	26.4	9.3	6	1.12	200	.79	58
AUG										
21...	1300	32	7.2	29.6	8.0	6	1.13	210	.81	57

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3 (39086)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT 14...	4.1	3.2	--	5.2	<.1	4.4	.048	.49	.35
NOV 08...	3.9	1.1	9	4.4	<.1	.8	<.020	.19	.10
DEC 16...	3.9	2.5	8	5.2	<.1	3.4	<.020	.46	.35
JAN 18...	3.7	1.6	9	5.1	<.1	1.2	<.020	.24	.20
FEB 15...	3.8	1.0	9	4.1	<.1	.8	.025	.52	.26
MAR 27...	4.0	1.3	9	4.7	<.1	--	.031	.31	.28
APR 10...	3.6	1.1	9	4.6	<.1	.5	<.020	.19	.12
MAY 22...	3.6	.9	9	4.3	<.1	.4	.030	.23	.11
JUN 19...	3.6	1.1	9	4.3	<.1	.4	.026	.18	.12
JUL 24...	3.7	1.4	12	4.3	<.1	.5	<.020	.24	--
AUG 21...	3.4	.9	8	3.8	<.1	.5	<.020	.20	.12

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
OCT 14...	.429	.106	.065	.057	12.1	49	--	--	.3	<.1
NOV 08...	.200	.049	.025	.023	13.0	37	--	--	.4	<.1
DEC 16...	.393	.086	.049	.031	9.7	--	--	--	1.2	<.1
18...	.218	--	--	--	--	--	--	--	--	--
18...	.230	--	--	--	--	--	--	--	--	--
18...	.204	--	--	--	--	--	--	--	--	--
18...	.181	--	--	--	--	--	--	--	--	--
18...	.160	--	--	--	--	--	--	--	--	--
18...	.153	--	--	--	--	--	--	--	--	--
18...	.148	--	--	--	--	--	--	--	--	--
18...	.154	--	--	--	--	--	--	--	--	--
18...	.140	--	--	--	--	--	--	--	--	--
18...	.123	--	--	--	--	--	--	--	--	--
19...	.153	--	--	--	--	--	--	--	--	--
19...	.138	--	--	--	--	--	--	--	--	--
19...	.123	--	--	--	--	--	--	--	--	--
19...	.126	--	--	--	--	--	--	--	--	--
19...	.122	--	--	--	--	--	--	--	--	--
19...	.125	--	--	--	--	--	--	--	--	--
JAN 18...	.249	.090	.055	.054	12.1	--	--	K5	.3	<.1
FEB 15...	.169	.057	--	.029	11.1	39	77	120	.6	<.1
MAR 27...	.255	.090	.058	.052	11.9	36	180	170	.3	<.1
APR 10...	.286	--	.042	.040	12.6	38	K68	--	.6	<.1
MAY 22...	.126	.069	.038	.030	11.8	33	--	--	--	--
JUN 12...	.138	--	--	--	--	--	--	--	--	--
15...	.288	--	--	--	--	--	--	--	--	--
16...	.163	--	--	--	--	--	--	--	--	--
19...	.128	.083	.055	.046	11.7	37	--	--	1.0	<.1
19...	.123	--	--	--	--	--	--	--	--	--
22...	.177	--	--	--	--	--	--	--	--	--
JUL 24...	.252	.089	.053	.040	11.7	33	K42	--	--	--
AUG 21...	.071	.075	.070	.035	11.5	33	K88	--	.6	<.1

MISSISSIPPI RIVER DELTA

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)
OCT 14...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
NOV 08...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
DEC 16...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
JAN 18...	--	--	--	--	--	--	--	--	--	--	--	--
FEB 15...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
MAR 27...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
APR 10...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
MAY 22...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
JUN 19...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
JUL 24...	E.02	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
AUG 21...	<.08	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04
DATE	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)
OCT 14...	<.07	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08
NOV 08...	<.07	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08
DEC 16...	<.07	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08
JAN 18...	--	--	--	--	--	--	--	--	--	--	--	--
FEB 15...	<.07	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08
MAR 27...	<.07	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08
APR 10...	<.07	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08
MAY 22...	<.07	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08
JUN 19...	<.07	<.10	<.05	<.04	M	<.07	<.06	<.07	<.06	<.06	<.08	<.08
JUL 24...	<.07	<.10	<.05	<.04	E.01	<.07	<.06	<.07	<.06	<.06	<.08	<.08
AUG 21...	<.07	<.10	<.05	<.04	M	<.07	<.06	<.07	<.06	<.06	<.08	<.08

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	CARBON, ORGANIC PARTIC- ULATE SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
OCT 14...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	6.7	.5	<.003	<.002
NOV 08...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	1.8	.3	<.003	<.002
DEC 16...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	8.2	.6	<.003	<.002
JAN 18...	--	--	--	--	--	--	--	--	3.3	.4	<.003	<.002
FEB 15...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	1.9	.3	<.003	<.002
MAR 27...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	4.2	.4	<.003	<.002
APR 10...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.3	.3	<.003	<.002
MAY 22...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	1.9	.5	<.003	<.002
JUN 19...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	1.9	.4	<.003	<.002
JUL 24...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	1.9	.3	<.003	<.002
AUG 21...	<.07	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.0	.5	<.003	<.002
DATE	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)
OCT 14...	<.002	<.002	.015	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
NOV 08...	<.002	<.002	.005	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.003	<.002
DEC 16...	<.002	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
JAN 18...	<.002	<.002	E.004	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
FEB 15...	<.002	<.002	.005	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.003	<.002
MAR 27...	<.002	<.002	.141	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.009	<.002
APR 10...	<.002	<.002	.014	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.003	<.002
MAY 22...	<.002	<.002	.007	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
JUN 19...	<.002	<.002	E.002	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
JUL 24...	<.002	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
AUG 21...	<.002	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	E.001	<.002	<.002

MISSISSIPPI RIVER DELTA

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC- WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT 14...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
NOV 08...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DEC 16...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JAN 18...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
FEB 15...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAR 27...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
APR 10...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAY 22...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JUN 19...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JUL 24...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
AUG 21...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
OCT 14...	.020	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
NOV 08...	.006	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
DEC 16...	<.008	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JAN 18...	.005	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
FEB 15...	<.006	<.004	<.004	<.003	E.002	<.004	<.004	<.004	<.005	<.002	<.018
MAR 27...	.075	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
APR 10...	.010	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
MAY 22...	.005	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JUN 19...	E.003	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JUL 24...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
AUG 21...	<.002	<.004	<.004	<.003	E.001	<.004	<.004	<.004	<.005	<.002	<.018

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT											
14...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
NOV											
08...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
DEC											
16...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
JAN											
18...	<.003	<.007	<.004	<.013	<.005	E.003	<.007	<.013	<.002	<.001	<.002
FEB											
15...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
MAR											
27...	<.003	<.007	<.004	<.013	.049	<.010	<.007	<.013	<.002	<.001	<.002
APR											
10...	<.003	<.007	<.004	<.013	.008	<.010	<.007	<.013	<.002	<.001	<.002
MAY											
22...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
JUN											
19...	<.003	<.007	<.004	<.013	E.003	<.010	<.007	<.013	<.002	<.001	<.002
JUL											
24...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
AUG											
21...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002

E Estimated value.

< 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).

M Presence of material verified but not quantified.

MISSISSIPPI RIVER DELTA

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 (elevations only).

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

REMARKS.--Lowest recordable stage is 33.98 ft. Satellite telemetry and rain gage at station.

EXTREMES FOR THE PERIOD OF RECORD.--Maximum elevation, 53.95 ft, Mar. 8, 1998; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 44.17 ft, Oct. 9; minimum elevation, not determined.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.11	34.39	34.13	34.35	34.28	34.13	34.10	34.05	34.00	34.26	33.98	---
2	34.10	34.32	34.13	34.33	34.26	34.13	34.10	34.05	33.99	34.13	33.98	---
3	34.10	34.24	34.13	34.31	34.24	34.13	34.10	34.05	33.99	34.06	33.98	---
4	34.10	34.21	34.14	35.30	34.22	34.12	34.15	34.04	33.99	34.03	33.98	---
5	34.10	34.21	34.18	35.38	34.21	34.12	34.12	34.04	34.02	34.02	33.98	---
6	34.10	34.20	34.18	34.88	34.19	34.12	34.10	34.04	34.02	34.02	33.98	---
7	34.10	34.19	34.16	34.64	34.19	34.11	34.09	34.03	33.99	34.01	33.98	---
8	34.13	34.18	34.15	34.51	34.18	34.10	34.09	34.03	33.99	34.01	33.98	---
9	40.83	34.18	34.15	34.46	34.18	34.09	34.09	34.03	33.99	34.01	---	---
10	37.73	34.17	34.14	34.92	34.18	34.08	34.09	34.02	33.99	34.01	---	---
11	35.77	34.17	34.14	34.89	34.17	34.08	34.09	34.02	33.99	34.01	---	---
12	35.08	34.16	34.18	34.63	34.16	34.08	34.09	34.02	33.99	34.01	---	---
13	34.78	34.16	34.81	34.50	34.16	34.08	34.42	34.02	33.99	34.00	---	---
14	34.63	34.15	35.05	34.41	34.15	34.08	34.56	34.02	33.99	34.00	---	---
15	34.53	34.15	34.57	34.36	34.14	34.08	34.27	34.02	33.98	34.00	---	---
16	34.46	34.15	34.38	34.32	34.14	34.12	34.15	34.02	33.98	34.00	---	---
17	34.42	34.15	34.28	34.31	34.14	34.15	34.12	34.02	33.98	34.00	---	---
18	34.38	34.15	34.99	34.29	34.14	34.10	34.11	34.01	33.98	34.00	---	---
19	34.35	34.15	36.79	34.28	34.13	34.31	34.10	34.01	33.98	34.00	---	---
20	34.30	34.15	35.77	34.26	34.13	34.46	34.08	34.01	33.98	33.99	---	---
21	34.27	34.15	38.05	34.25	34.13	34.24	34.08	34.01	33.98	33.99	---	---
22	34.25	34.15	36.83	34.24	34.13	34.14	34.07	34.01	33.98	33.99	---	---
23	34.25	34.15	35.53	34.27	34.12	34.12	34.07	34.00	33.98	33.99	---	---
24	34.23	34.14	35.04	34.43	34.12	34.11	34.10	34.00	33.98	33.99	---	---
25	34.22	34.15	34.81	34.36	34.12	34.10	34.11	34.00	33.98	33.99	---	---
26	34.23	34.16	34.66	34.29	34.12	34.10	34.08	34.00	33.98	33.99	---	---
27	34.22	34.16	34.56	34.26	34.17	34.10	34.07	34.00	34.03	33.99	---	---
28	34.21	34.15	34.50	34.29	34.20	34.11	34.07	34.00	33.98	33.98	---	---
29	34.20	34.15	34.44	34.39	34.15	34.10	34.06	34.00	34.33	33.98	---	---
30	34.22	34.14	34.41	34.37	---	34.10	34.05	34.00	34.64	33.98	---	---
31	34.30	---	34.37	34.32	---	34.10	---	34.00	---	33.98	---	---
MAX	40.83	34.39	38.05	35.38	34.28	34.46	34.56	34.05	34.64	34.26	---	---
MIN	34.10	34.14	34.13	34.24	34.12	34.08	34.05	34.00	33.98	33.98	---	---

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 (elevations only).

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

EXTREMES FOR THE PERIOD OF RECORD.--Maximum elevation, 13.98 ft, Mar. 8, 1998; minimum, -0.60 ft, Apr. 8, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 7.34 ft, Oct. 9; minimum elevation, -0.60 ft, Apr. 8.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.51	1.31	.87	.32	.37	.68	1.12	1.08	1.34	.82	.68	.90
2	1.51	.30	.98	.43	.32	.46	1.40	1.15	1.23	.82	.75	.80
3	1.67	.07	1.30	.71	.25	.57	1.40	1.41	.97	.96	.83	.97
4	1.72	.31	1.58	.62	-.03	-.10	.45	1.45	.77	1.04	.72	1.14
5	1.58	.66	1.29	.54	-.13	.24	.34	1.69	.55	1.01	.50	.99
6	1.61	.65	.55	.39	-.11	.50	.36	1.64	.34	.86	.47	1.19
7	2.14	.57	.72	.37	-.01	.62	.55	1.46	.75	.63	.82	2.11
8	2.91	.65	1.00	.50	.01	.86	.06	1.24	.91	.61	.94	2.30
9	5.78	.95	1.23	.75	.03	.77	.06	1.17	1.17	.75	.75	2.12
10	4.24	1.20	.89	.81	.02	.75	.35	.94	1.39	.64	.66	1.80
11	2.09	1.15	.88	.62	.18	.43	.64	.88	1.35	.37	.78	1.79
12	1.73	.91	1.17	.52	.26	.15	.91	.91	1.15	.20	.74	1.77
13	1.48	1.04	1.08	.41	.47	.45	.88	.69	1.05	-.05	.84	1.53
14	1.40	.93	.66	.36	.51	.68	.95	.57	.98	-.26	.97	1.35
15	1.37	.49	.35	.88	.64	1.36	1.45	.82	1.01	-.09	.78	1.03
16	1.38	.44	.12	.51	.75	1.57	1.35	.82	1.13	.10	.45	1.39
17	1.14	.66	.46	.45	.66	1.13	.58	1.05	1.25	.15	.36	1.63
18	.83	.83	1.16	.41	.80	1.16	.41	1.29	1.36	.08	.45	1.83
19	.82	1.09	1.78	.29	.47	1.26	.54	1.17	1.30	.07	.26	1.34
20	.60	1.04	1.39	-.09	.36	.64	.70	1.09	1.18	.00	.11	1.36
21	.71	1.03	2.79	.09	.40	.76	.23	.92	1.00	.05	.41	1.38
22	.64	1.27	2.19	.53	.43	.72	.38	.63	.53	.35	.95	1.71
23	.20	1.42	1.28	.63	.87	.62	.79	.53	.48	.34	1.29	1.51
24	.46	1.13	.70	.40	.89	.80	.89	.40	.49	.12	1.19	1.23
25	.68	.96	.34	.02	.99	.75	.33	.37	.57	.45	1.07	.59
26	.69	.63	.21	-.28	1.13	.60	.40	.63	.75	.63	.82	.23
27	.66	.72	-.10	.13	.81	.49	.53	.82	.88	.71	.79	.57
28	.67	.62	-.16	1.30	.75	.54	.16	.33	.91	.77	.70	.84
29	.94	.35	-.28	1.22	.78	.79	.48	.08	.62	.74	.35	1.18
30	1.43	.39	-.04	.57	---	.82	.69	.60	.66	.63	.35	1.47
31	1.64	---	.19	.34	---	.65	---	1.07	---	.64	.84	---
MAX	5.78	1.42	2.79	1.30	1.13	1.57	1.45	1.69	1.39	1.04	1.29	2.30
MIN	.20	.07	-.28	-.28	-.13	-.10	.06	.08	.34	-.26	.11	.23

MISSISSIPPI RIVER DELTA

07375300 TANGIPAHOA RIVER NEAR KENTWOOD, LA

LOCATION.--Lat 30°56'23", long 90°29'42", between secs. 43 and 45, T. 1 S., R. 7 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, on downstream side of bridge on State Highway 38, 0.9 mi upstream from Terry's Creek, 1.1 mi east of Kentwood, and 1.7 mi downstream from Irving Branch.

DRAINAGE AREA.--241 mi².

PERIOD OF RECORD.--December 1997 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 180.30 ft sea level.

REMARKS.--Satellite telemetry at station.

EXTREME FOR PERIOD OF RECORD.--Maximum gage height, 15.33 ft, Jan. 30, 1999; minimum, 2.19 ft, Sept. 6, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.06 ft, Sept. 14; minimum gage height, 2.19 ft, Sept. 6.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.70	2.67	2.52	2.63	2.62	2.64	2.70	2.46	2.22	2.40	2.33	2.28
2	2.56	2.63	2.49	2.64	2.61	2.61	2.65	2.45	2.22	2.36	2.29	2.25
3	2.51	2.57	2.51	2.71	2.61	2.61	3.42	2.47	2.22	2.33	2.41	2.25
4	2.50	2.50	2.53	4.45	2.59	2.59	5.19	2.59	2.22	2.30	2.64	2.23
5	2.50	2.49	2.58	3.48	2.59	2.58	4.60	2.55	2.24	2.28	2.42	2.22
6	2.48	2.49	2.60	3.18	2.57	2.55	3.70	2.51	2.32	2.27	2.34	2.21
7	2.45	2.50	2.56	2.97	2.56	2.54	3.16	2.47	2.30	2.26	2.30	2.22
8	2.48	2.52	2.54	2.85	2.58	2.54	2.92	2.46	2.28	2.26	2.27	2.25
9	3.98	2.52	2.56	2.86	2.59	2.54	2.80	2.44	2.25	2.25	2.27	2.31
10	6.03	2.52	2.59	3.70	2.59	2.54	2.67	2.43	2.26	2.24	2.28	2.56
11	3.77	2.52	2.57	3.42	2.58	2.62	2.63	2.42	2.29	2.30	2.61	2.51
12	3.02	2.52	2.57	3.06	2.58	3.00	2.63	2.60	2.28	2.24	2.95	2.48
13	2.79	2.52	2.91	2.93	2.60	2.75	2.72	2.94	2.27	2.24	2.50	3.52
14	2.68	2.51	2.89	2.85	2.58	2.64	2.71	2.55	2.27	2.26	2.38	5.83
15	2.62	2.51	2.74	2.77	2.57	2.64	2.65	2.54	2.27	2.25	2.32	3.70
16	2.59	2.50	2.64	2.70	2.57	2.96	2.63	2.53	2.28	2.24	2.32	2.99
17	2.57	2.48	2.59	2.70	2.57	2.87	2.60	2.53	2.29	2.23	2.33	2.67
18	2.56	2.47	2.74	2.69	2.58	2.77	2.58	2.51	2.47	2.27	2.30	2.50
19	2.55	2.49	3.69	2.68	2.60	2.98	2.55	2.33	2.55	2.35	2.27	2.42
20	2.51	2.53	3.09	2.66	2.59	3.16	2.54	2.31	2.47	2.38	2.26	2.39
21	2.53	2.55	3.32	2.65	2.55	2.92	2.52	2.33	2.39	2.35	2.25	2.37
22	2.49	2.55	3.41	2.63	2.52	2.78	2.51	2.35	2.37	2.36	2.29	2.41
23	2.48	2.54	2.97	2.67	2.52	2.72	2.50	2.29	2.37	2.47	2.29	2.41
24	2.49	2.54	2.81	2.70	2.53	2.66	2.64	2.28	2.34	2.45	2.36	2.47
25	2.48	2.55	2.74	2.68	2.55	2.63	2.79	2.27	2.32	2.34	2.30	2.47
26	2.47	2.59	2.69	2.61	2.56	2.64	2.62	2.26	2.64	2.29	2.31	2.61
27	2.48	2.58	2.66	2.61	2.92	2.75	2.54	2.26	3.20	2.27	2.34	2.42
28	2.48	2.54	2.64	2.65	2.90	2.80	2.51	2.26	2.91	2.26	2.30	2.34
29	2.49	2.53	2.65	2.71	2.69	2.71	2.49	2.25	2.60	2.24	2.26	2.32
30	2.50	2.52	2.63	2.68	---	2.81	2.47	2.23	2.47	2.22	2.25	2.31
31	2.58	---	2.64	2.65	---	2.80	---	2.23	---	2.24	2.26	---
MAX	6.03	2.67	3.69	4.45	2.92	3.16	5.19	2.94	3.20	2.47	2.95	5.83
MIN	2.45	2.47	2.49	2.61	2.52	2.54	2.47	2.23	2.22	2.22	2.25	2.21

MISSISSIPPI RIVER DELTA

193

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 heights only).

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, 17.77 ft, Mar. 13, 1999; minimum recorded, 7.57 ft, many days, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.00 ft, June 27; minimum gage height, 7.57 ft, on many days.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.69	7.72	7.69	7.69	7.71	7.69	7.65	7.61	7.58	7.67	7.61	7.58
2	7.69	7.70	7.69	7.69	7.70	7.68	7.65	7.61	7.58	7.65	7.61	7.58
3	7.69	7.70	7.68	7.73	7.70	7.68	7.69	7.62	7.58	7.64	7.61	7.58
4	7.71	7.70	7.69	8.60	7.69	7.68	7.71	7.66	7.58	7.63	7.60	7.58
5	7.70	7.70	7.70	7.86	7.68	---	7.66	7.62	7.58	7.63	7.61	7.58
6	7.69	7.70	7.69	7.75	7.67	---	7.66	7.61	7.59	7.63	7.61	7.58
7	7.69	7.69	7.69	7.73	7.68	---	7.65	7.61	7.58	7.63	7.60	7.58
8	7.72	7.69	7.68	7.71	7.67	---	7.65	7.61	7.57	7.62	7.60	7.58
9	8.04	7.69	7.68	7.80	7.67	---	7.64	7.60	7.57	---	7.60	7.59
10	8.55	7.68	7.69	9.63	7.67	---	7.64	7.60	7.57	---	7.60	7.58
11	7.86	7.68	7.69	8.12	7.67	---	7.64	7.60	7.57	7.62	7.61	7.57
12	7.75	7.68	7.69	7.87	7.67	---	7.65	7.60	7.57	7.62	7.60	8.22
13	7.73	7.68	7.72	7.79	7.67	---	7.66	7.60	7.57	7.62	7.60	8.94
14	7.72	7.68	7.70	7.76	7.67	---	7.65	7.60	7.57	7.62	7.60	9.07
15	7.72	7.68	7.67	7.74	7.66	7.69	7.64	7.59	7.57	7.62	7.60	7.74
16	7.72	7.69	7.67	7.73	7.66	7.84	7.64	7.59	7.57	7.62	7.60	7.65
17	7.71	7.69	7.68	7.72	7.66	7.72	7.64	7.59	7.57	7.62	7.60	7.64
18	7.71	7.69	8.10	7.72	7.67	7.72	7.63	7.59	7.57	7.62	7.60	7.64
19	7.71	7.68	7.96	7.71	7.68	7.96	7.63	7.59	7.58	7.62	7.59	7.63
20	7.71	7.69	7.76	7.71	7.66	7.85	7.63	7.59	7.57	7.62	7.59	7.63
21	7.71	7.70	8.13	7.70	7.66	7.75	7.62	7.59	7.58	7.62	7.59	7.63
22	7.71	7.70	7.83	7.70	7.65	7.72	7.62	7.59	7.58	7.63	7.59	7.63
23	7.70	7.70	7.75	7.90	7.65	7.70	7.62	7.59	7.57	7.62	7.59	7.63
24	7.70	7.70	7.72	8.10	7.65	7.68	7.68	7.59	7.57	7.61	7.59	7.63
25	7.70	7.70	7.71	7.79	7.65	7.68	7.64	7.59	7.69	7.61	7.59	7.63
26	7.70	7.71	7.70	7.74	7.67	7.68	7.62	7.58	8.69	7.61	7.59	7.63
27	7.70	7.70	7.70	7.72	7.94	7.69	7.62	7.58	8.96	7.61	7.59	7.63
28	7.69	7.69	7.70	7.76	7.75	7.68	7.62	7.58	7.72	7.61	7.59	7.62
29	7.69	7.68	7.69	7.76	7.70	7.67	7.62	7.58	8.32	7.61	7.59	7.62
30	7.69	7.69	7.69	7.74	---	7.68	7.61	7.58	7.72	7.61	7.58	7.62
31	7.74	---	7.70	7.72	---	7.66	---	7.58	---	7.61	7.58	---
MAX	8.55	7.72	8.13	9.63	7.94	---	7.71	7.66	8.96	---	7.61	9.07
MIN	7.69	7.68	7.67	7.69	7.65	---	7.61	7.58	7.57	---	7.58	7.57

MISSISSIPPI RIVER DELTA

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 (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 80.00 ft above NAVD 88.

EXTREME FOR PERIOD OF RECORD.--Maximum gage height, 17.10 ft, Jan. 31, 1999; minimum, 5.83 ft, Aug. 29, 30, 31, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.96 ft, Sept. 14; minimum gage height, 5.88 ft, Sept. 7.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.34	6.22	6.12	6.25	6.32	6.30	6.32	6.11	5.94	---	5.98	5.96
2	6.19	6.22	6.12	6.26	6.30	6.27	6.28	6.10	5.94	---	5.98	5.93
3	6.15	6.16	6.12	6.31	6.29	6.26	6.31	6.17	5.94	---	5.95	5.91
4	6.14	6.15	6.13	7.21	6.28	6.25	7.27	6.27	5.94	---	6.09	5.92
5	6.13	6.13	6.15	7.15	6.28	6.24	7.30	6.20	5.98	6.03	6.06	5.90
6	6.11	6.13	6.16	6.68	6.28	6.24	7.02	6.16	6.02	6.01	5.99	5.89
7	6.10	6.12	6.16	6.56	6.26	6.22	6.66	6.13	6.02	5.99	5.95	5.90
8	6.14	6.13	6.15	6.46	6.27	6.22	6.46	6.11	6.00	5.98	5.93	5.95
9	6.50	6.15	6.15	6.44	6.27	6.21	6.35	6.10	5.97	5.97	5.93	6.00
10	8.04	6.13	6.17	7.22	6.28	6.21	6.29	6.09	5.96	5.96	5.95	6.06
11	7.49	6.13	6.17	7.12	6.27	6.28	6.24	6.08	5.97	5.96	6.14	6.14
12	6.67	6.12	6.18	6.73	6.27	6.41	6.27	6.08	5.97	5.95	6.30	6.24
13	6.42	6.13	6.26	6.58	6.28	6.40	6.33	6.28	5.98	5.93	6.18	7.29
14	6.31	6.13	6.41	6.49	6.28	6.29	6.30	6.23	5.96	5.93	6.05	8.38
15	6.25	6.11	6.30	6.44	6.27	6.29	6.26	6.13	5.96	5.95	5.99	7.40
16	6.22	6.11	6.24	6.39	6.27	6.41	6.23	6.13	6.00	5.93	5.98	6.63
17	6.20	6.10	6.21	6.36	6.27	6.47	6.21	6.13	6.00	5.92	6.01	6.31
18	6.18	6.10	6.36	6.35	6.27	6.40	6.19	6.12	6.01	5.91	5.97	6.15
19	6.17	6.10	6.77	6.34	6.28	6.56	6.18	6.08	6.18	5.96	5.94	6.06
20	6.15	6.12	6.70	6.33	6.27	6.66	6.17	6.03	6.17	5.96	5.94	6.02
21	6.14	6.14	6.74	6.31	6.26	6.57	6.15	6.05	6.08	5.96	5.94	6.00
22	6.15	6.15	6.86	6.32	6.25	6.42	6.13	6.04	6.06	5.99	5.93	6.01
23	6.14	6.14	6.60	6.39	6.24	6.35	6.13	6.02	6.05	6.01	5.96	6.01
24	6.13	6.13	6.44	6.47	6.24	6.31	6.21	6.00	6.04	6.04	6.03	6.00
25	6.13	6.13	6.36	6.39	6.24	6.28	6.29	5.99	6.08	5.99	6.02	6.02
26	6.12	6.15	6.32	6.34	6.25	6.28	6.24	5.99	6.71	5.95	5.97	6.03
27	6.12	6.16	6.29	6.31	6.45	6.31	6.18	5.98	6.77	5.94	5.99	6.02
28	6.12	6.15	6.27	6.35	6.54	6.35	6.15	5.98	6.59	5.94	5.98	5.97
29	6.13	6.13	6.26	6.38	6.38	6.33	6.13	5.97	6.54	5.92	5.95	5.94
30	6.13	6.12	6.26	6.37	---	6.31	6.12	5.95	6.28	5.91	5.92	5.93
31	6.18	---	6.25	6.34	---	6.36	---	5.95	---	5.92	5.94	---
MAX	8.04	6.22	6.86	7.22	6.54	6.66	7.30	6.28	6.77	---	6.30	8.38
MIN	6.10	6.10	6.12	6.25	6.24	6.21	6.12	5.95	5.94	---	5.92	5.89

LOCATION.--Lat 30°30'23", long 90°21'42", on line between secs. 39 and 40, T. 6 S., R. 8 E., St. Helena Meridian, Tangipahoa Parish, Hydrologic Unit 08070205, near left bank on downstream side of bridge on U.S. Highway 190, 1.2 mi west of Robert, 2.8 mi downstream from Chappepeela Creek, and 6.0 mi east of Hammond.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)[illegible]

MISSISSIPPI RIVER DELTA

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	246660		134084		1166	
ANNUAL MEAN	676		366		2258	1983
HIGHEST ANNUAL MEAN					366	2000
LOWEST ANNUAL MEAN					78500	Apr 7 1983
HIGHEST DAILY MEAN	12300	Mar 15	1270	Oct 11	233	Sep 7 2000
LOWEST DAILY MEAN	268	Dec 4	233	Sep 7	238	Sep 1 2000
ANNUAL SEVEN-DAY MINIMUM	270	Nov 30	238	Sep 1	85000	Apr 7 1983
INSTANTANEOUS PEAK FLOW			1480	Dec 21	25.87	Apr 7 1983
INSTANTANEOUS PEAK STAGE			9.76	Dec 21	232	Sep 7 2000
INSTANTANEOUS LOW FLOW			232	Sep 7	1.80	
ANNUAL RUNOFF (CFSM)	1.05		.57		24.52	
ANNUAL RUNOFF (INCHES)	14.20		7.72		2080	
10 PERCENT EXCEEDS	947		482		640	
50 PERCENT EXCEEDS	403		313		380	
90 PERCENT EXCEEDS	281		255			

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.17	6.05	5.92	6.24	6.31	6.26	6.29	5.96	5.64	6.63	5.85	5.56
2	6.11	6.08	5.94	6.23	6.27	6.18	6.24	5.96	5.63	6.29	5.76	5.55
3	5.96	6.04	5.93	6.24	6.24	6.15	6.22	5.97	5.63	6.03	5.66	5.52
4	5.92	5.99	5.92	7.58	6.23	6.14	6.50	6.19	5.63	5.92	5.62	5.55
5	5.90	5.97	5.93	8.82	6.21	6.11	7.87	6.15	5.72	5.83	5.80	5.50
6	5.86	5.94	5.96	7.75	6.20	6.11	7.63	6.06	5.75	5.78	5.71	5.49
7	5.85	5.93	5.98	7.08	6.20	6.09	7.13	5.99	5.77	5.74	5.63	5.49
8	5.90	5.93	5.98	6.81	6.18	6.07	6.71	5.94	5.72	5.71	5.62	5.60
9	7.22	5.94	5.96	6.66	6.18	6.11	6.47	5.92	5.67	5.67	5.65	5.63
10	7.50	5.95	5.97	6.90	6.18	6.08	6.34	5.91	5.64	5.65	5.65	5.70
11	9.23	5.93	6.00	8.07	6.18	6.11	6.25	5.89	5.63	5.64	6.05	5.73
12	7.74	5.92	6.10	7.42	6.16	6.21	6.23	5.87	5.64	5.64	5.93	5.79
13	6.84	5.91	7.82	6.99	6.15	6.36	6.65	5.89	5.64	5.64	6.03	6.10
14	6.50	5.92	6.59	6.76	6.15	6.26	6.40	6.15	5.63	5.63	5.83	7.77
15	6.33	5.91	6.44	6.63	6.14	6.22	6.29	5.97	5.73	5.63	5.69	9.12
16	6.23	5.90	6.25	6.54	6.12	6.35	6.22	5.90	5.71	5.63	5.63	7.53
17	6.16	5.89	6.16	6.45	6.11	6.46	6.17	5.90	5.72	5.63	5.63	6.69
18	6.11	5.89	6.87	6.40	6.11	6.46	6.13	5.89	5.70	5.63	5.63	6.31
19	6.07	5.89	8.29	6.38	6.11	6.85	6.10	5.88	5.74	5.62	5.62	6.11
20	6.05	5.91	7.90	6.36	6.11	6.96	6.08	5.82	5.93	5.62	5.62	5.99
21	6.01	5.93	9.23	6.32	6.10	6.88	6.05	5.79	5.84	5.63	5.79	5.92
22	6.00	5.95	8.49	6.30	6.09	6.63	6.02	5.78	5.80	5.63	5.64	5.92
23	5.99	5.95	7.59	6.33	6.08	6.44	6.01	5.77	5.76	5.63	5.62	5.91
24	5.97	5.93	6.98	6.46	6.07	6.34	6.12	5.74	5.74	5.64	---	5.87
25	5.96	5.94	6.70	6.46	6.06	6.27	6.14	5.73	5.72	5.67	---	5.86
26	5.95	5.96	6.54	6.37	6.07	6.24	6.22	5.71	6.27	5.63	---	5.85
27	5.95	5.98	6.45	6.31	6.22	6.29	6.12	5.69	6.64	5.63	---	5.88
28	5.94	5.99	6.38	6.34	6.46	6.31	6.05	5.68	6.83	5.62	5.74	5.83
29	5.94	5.96	6.33	6.37	6.45	6.33	6.00	5.65	6.69	5.62	5.66	5.78
30	5.94	5.94	6.30	6.38	---	6.27	5.97	5.64	6.71	5.62	5.60	5.74
31	6.00	---	6.27	6.35	---	6.28	---	5.64	---	5.67	5.58	---
MAX	9.23	6.08	9.23	8.82	6.46	6.96	7.87	6.19	6.83	6.63	---	9.12
MIN	5.85	5.89	5.92	6.23	6.06	6.07	5.97	5.64	5.63	5.62	---	5.49

07375800 TICKFAW RIVER AT LIVERPOOL, LA

LOCATION.--Lat 30°55'50", long 90°40'24", on line between secs. 46 and 47, T. 1 S., R. 5 E., St. Helena Meridian, St. Helena Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on State Highway 38, 0.2 mi east of intersection of State Highways 38 and 441, 0.5 mi upstream from Cotton Patch Branch, and 1.0 mi north of Liverpool.

DRAINAGE AREA.--89.7 mi².

PERIOD OF RECORD.--March 1956 to September 1968, October 1979 to September 1981 (published as "near Liverpool"). October 1968 to September 1979 (annual maximums only), October 1981 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 204.44 ft above sea level (levels by Louisiana Department of Transportation and Development). Prior to Oct. 1, 1982 altitude of gage, 206 ft, from topographic map. Mar. 9, 1956, to Sept. 30, 1968, at site 0.2 mi west at same datum. Oct. 1, 1963, to Aug. 9, 1979, nonrecording gage and crest-stage indicator at same site 0.2 mi west at same datum.

REMARKS.--Satellite telemetry 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 gage height, 3.80 ft, Apr. 4; minimum gage height, 1.43 ft, July 15, 16.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.95	2.03	2.04	2.02	---	1.81	1.84	1.68	1.52	1.62	1.51	---
2	1.90	1.99	2.07	2.02	---	1.80	1.85	1.68	1.51	---	1.50	---
3	1.90	1.97	2.07	2.08	---	1.80	2.12	1.75	1.51	---	1.51	---
4	1.90	1.97	2.06	2.85	---	1.78	3.57	1.93	1.50	---	1.50	---
5	1.89	1.99	2.13	2.69	---	1.77	2.70	1.90	1.61	---	1.48	---
6	1.88	1.99	2.10	2.26	---	1.77	2.22	1.78	1.66	---	1.47	---
7	1.89	1.99	2.07	2.13	---	1.77	2.05	1.73	1.64	---	1.47	---
8	1.96	2.00	2.06	2.09	---	1.78	1.94	1.70	1.56	---	1.46	---
9	2.61	2.00	2.07	2.31	---	1.78	1.87	1.68	1.52	---	1.47	---
10	3.02	2.01	2.07	2.60	---	1.77	1.84	1.67	1.52	---	1.54	---
11	2.47	2.01	2.07	2.44	---	1.97	1.83	1.66	1.51	---	1.83	---
12	2.11	2.01	2.19	2.23	---	1.90	1.86	1.65	1.49	---	1.66	---
13	2.03	2.01	2.32	2.15	1.85	1.86	1.92	1.65	1.49	1.46	1.70	---
14	1.99	2.01	2.23	2.09	1.84	1.82	1.87	1.63	1.48	1.45	1.59	---
15	1.97	2.02	2.10	2.05	1.82	1.87	1.85	1.62	1.49	1.45	1.54	---
16	1.97	2.02	2.05	---	1.83	1.96	1.82	1.61	1.53	1.45	1.79	---
17	1.96	2.03	2.05	---	1.85	1.91	1.80	1.61	1.56	1.45	2.21	---
18	1.96	2.03	2.30	---	1.84	1.89	1.78	1.61	---	1.48	---	---
19	1.96	2.04	2.62	---	1.83	2.06	1.76	1.61	---	1.52	---	---
20	1.94	2.08	2.36	---	1.81	2.09	1.75	1.60	---	1.51	---	1.63
21	1.94	2.08	2.55	---	1.81	2.02	1.74	1.61	---	1.59	---	1.64
22	1.95	2.08	2.58	---	1.81	1.94	1.72	1.64	---	1.55	---	1.68
23	1.95	---	---	---	1.81	1.89	1.72	1.60	1.62	1.55	1.56	---
24	1.93	---	---	---	1.84	1.86	1.86	1.57	1.58	1.53	1.60	---
25	1.92	---	---	---	1.81	1.84	1.84	1.57	1.64	1.50	1.58	---
26	1.92	---	---	---	1.83	1.86	1.76	1.56	1.76	1.49	1.58	1.65
27	1.92	---	---	---	1.95	2.04	1.72	1.56	1.64	1.47	1.62	1.64
28	1.92	---	2.06	---	1.87	1.93	1.71	1.54	1.67	1.48	1.59	1.63
29	1.92	---	2.05	---	1.84	1.89	1.69	1.53	1.62	1.48	1.54	1.62
30	1.93	2.04	2.04	---	---	1.88	1.69	1.52	1.59	1.48	1.52	1.62
31	2.04	---	2.04	---	---	1.86	---	1.51	---	1.50	---	---
MAX	3.02	---	---	---	---	2.09	3.57	1.93	---	---	---	---
MIN	1.88	---	---	---	---	1.77	1.69	1.51	---	---	---	---

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 U.S. Highway 190, 0.5 mi west of Holden, and 5.1 mi upstream from Big Branch.

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

GAGE.--Water-stage recorder. Datum of gage is 19.15 ft above sea level. Prior to Sept. 13, 1944, nonrecording gage, Sept. 14, 1944 to June 14, 1948, water-stage recorder, June 15, 1949 to Dec. 9, 1949, nonrecording gage at same site and datum.

PEAK DISCHARGES 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)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	89	80	96	114	107	100	81	58	197	86	62
2	87	88	80	95	112	101	99	80	57	221	78	60
3	85	88	80	99	110	99	102	82	56	141	83	57
4	83	83	80	203	108	98	102	97	56	100	69	56
5	81	82	79	229	e107	97	112	91	60	87	65	55
6	79	82	81	214	e106	95	187	91	61	80	64	53
7	77	83	81	184	e105	94	168	92	60	77	61	53
8	88	80	82	141	e104	93	134	84	61	75	60	60
9	142	83	82	124	103	93	118	82	61	73	61	66
10	144	82	82	120	103	93	107	79	59	73	59	76
11	248	82	83	264	103	94	101	77	54	75	77	72
12	222	81	84	278	102	96	105	76	53	71	68	73
13	154	81	87	196	102	105	122	74	53	68	73	79
14	120	80	89	160	101	104	138	73	54	65	72	254
15	105	80	98	140	101	104	145	72	71	64	65	330
16	97	80	95	130	100	110	119	71	69	63	65	163
17	93	79	89	123	99	113	109	69	65	62	65	110
18	89	78	115	119	99	121	102	69	63	61	61	92
19	89	78	115	116	98	147	97	68	63	60	71	83
20	87	81	144	114	98	157	94	68	72	58	75	79
21	86	82	241	111	96	187	91	68	72	60	62	78
22	85	82	228	110	96	165	89	68	65	64	60	80
23	85	83	220	111	95	138	87	66	60	72	60	81
24	85	85	168	112	95	122	99	65	58	88	61	83
25	83	83	137	119	96	113	92	65	56	69	67	77
26	83	83	119	117	97	108	93	63	62	64	68	74
27	83	81	110	112	112	113	92	63	78	62	82	73
28	83	83	105	113	112	109	88	61	100	60	73	72
29	83	83	101	113	117	109	83	59	82	61	65	70
30	83	82	98	116	---	107	82	60	86	64	63	70
31	87	---	97	116	---	103	---	59	---	63	60	---
TOTAL	3181	2467	3430	4395	2991	3495	3257	2273	1925	2498	2099	2691
MEAN	103	82.2	111	142	103	113	109	73.3	64.2	80.6	67.7	89.7
MAX	248	89	241	278	117	187	187	97	100	221	86	330
MIN	77	78	79	95	95	93	82	59	53	58	59	53
CFSM	.42	.33	.45	.57	.42	.46	.44	.30	.26	.33	.27	.36
IN.	.48	.37	.52	.66	.45	.53	.49	.34	.29	.38	.32	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2000, BY WATER YEAR (WY)

[illegible]

07376000 TICKFAW RIVER AT HOLDEN, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1941 - 2000	
ANNUAL TOTAL	87518		34702		385	
ANNUAL MEAN	240		94.8		707	
HIGHEST ANNUAL MEAN					94.8	
LOWEST ANNUAL MEAN					19200	
HIGHEST DAILY MEAN	5530	Mar 16	330	Sep 15	19200	Apr 7 1983
LOWEST DAILY MEAN	72	Sep 24	53	Jun 12	53	Jun 12 2000
ANNUAL SEVEN-DAY MINIMUM	73	Sep 21	56	Sep 2	56	Sep 2 2000
INSTANTANEOUS PEAK FLOW			435	Sep 14	22500	Apr 7 1983
INSTANTANEOUS PEAK STAGE			3.17	Sep 14	21.04	Apr 7 1983
INSTANTANEOUS LOW FLOW			a52	Sep 6	a52	Sep 6 2000
INSTANTANEOUS LOW STAGE			a-.15	Sep 6	a-.15	Sep 6 2000
ANNUAL RUNOFF (CFSM)	.97		.38		1.56	
ANNUAL RUNOFF (INCHES)	13.18		5.23		21.17	
10 PERCENT EXCEEDS	348		135		795	
50 PERCENT EXCEEDS	126		84		165	
90 PERCENT EXCEEDS	80		61		98	

a Also occurred Sep 7, 2000.
e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.40	.47	.42	.59	.69	.62	.55	.36	.09	1.44	.24	-.05
2	.41	.47	.42	.58	.67	.56	.54	.35	.08	1.65	.15	-.08
3	.40	.46	.42	.61	.65	.54	.57	.37	.07	.87	.20	-.10
4	.38	.42	.42	1.54	.63	.53	.57	.52	.07	.41	.05	-.11
5	.36	.41	.42	1.75	---	.52	.67	.46	.10	.26	.01	-.12
6	.34	.41	.44	1.64	---	.50	1.36	.45	.11	.18	-.01	-.14
7	.32	.41	.44	1.39	---	.49	1.20	.46	.10	.14	-.03	-.15
8	.43	.39	.45	1.02	---	.48	.89	.38	.11	.12	-.05	-.08
9	.97	.41	.45	.86	.58	.48	.73	.35	.11	.10	-.04	-.01
10	.99	.42	.45	.81	.58	.48	.62	.33	.09	.10	-.05	.09
11	1.87	.41	.45	1.96	.58	.49	.56	.31	.04	.12	.12	.05
12	1.66	.41	.47	2.08	.57	.51	.60	.30	.04	.08	.02	.06
13	1.09	.41	.50	1.45	.57	.59	.77	.28	.04	.04	.08	.12
14	.76	.40	.52	1.13	.56	.59	.92	.26	.05	.02	.07	1.75
15	.61	.40	.61	.95	.56	.59	.99	.25	.22	.01	-.01	2.45
16	.54	.40	.58	.85	.55	.65	.74	.23	.20	.00	-.01	1.09
17	.50	.39	.52	.78	.54	.68	.64	.22	.16	-.01	.00	.51
18	.46	.39	.77	.74	.54	.76	.57	.22	.14	-.02	-.05	.30
19	.46	.39	.77	.71	.53	1.01	.52	.20	.14	-.04	.06	.19
20	.44	.42	1.04	.69	.53	1.11	.49	.21	.22	-.05	.10	.14
21	.43	.43	1.84	.66	.51	1.37	.46	.20	.22	-.03	-.04	.13
22	.42	.43	1.74	.65	.51	1.18	.44	.20	.15	.01	-.07	.15
23	.42	.44	1.68	.66	.50	.92	.42	.18	.10	.09	-.07	.17
24	.42	.46	1.26	.67	.50	.77	.54	.17	.09	.27	-.05	.18
25	.41	.44	.98	.74	.50	.68	.47	.17	.07	.06	.01	.12
26	.41	.45	.81	.72	.52	.63	.48	.15	.13	.01	.01	.09
27	.41	.43	.72	.67	.67	.68	.47	.14	.29	-.02	.17	.08
28	.41	.45	.67	.68	.67	.64	.43	.12	.51	-.03	.07	.07
29	.41	.45	.64	.68	.72	.64	.38	.11	.33	-.03	-.01	.05
30	.41	.44	.61	.71	---	.62	.37	.11	.37	.00	-.04	.05
31	.45	---	.60	.71	---	.58	---	.10	---	-.01	-.07	---
MAX	1.87	.47	1.84	2.08	---	1.37	1.36	.52	.51	1.65	.24	2.45
MIN	.32	.39	.42	.58	---	.48	.37	.10	.04	-.05	-.07	-.15

MISSISSIPPI RIVER DELTA

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 heights only).

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.43 ft, Jan. 7, 1998; minimum, 6.99 ft, May 31-June 4, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.26 ft, Sept. 13; minimum gage height, 6.99 ft, May 31-June 4.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.18	7.28	7.19	7.28	7.58	7.28	7.32	7.21	6.99	10.24	7.40	7.37
2	7.17	7.24	7.18	7.28	7.52	7.26	7.33	7.19	6.99	9.11	7.32	7.34
3	7.16	7.22	7.18	7.43	7.48	7.25	7.37	7.30	6.99	8.46	7.29	7.31
4	7.17	7.21	7.19	8.53	7.46	7.28	7.35	7.42	7.07	8.13	7.27	7.27
5	7.19	7.21	7.20	8.23	7.41	7.23	7.31	7.28	7.30	7.90	7.27	7.24
6	7.17	7.21	7.20	7.86	7.38	7.20	7.31	7.24	7.30	7.76	7.48	7.21
7	7.16	7.21	7.19	7.68	7.35	7.21	7.31	7.20	7.23	7.66	7.38	7.18
8	7.26	7.21	7.18	7.58	7.34	7.19	7.27	7.17	7.17	7.58	7.47	7.32
9	7.69	7.22	7.18	7.54	7.33	7.19	7.22	7.14	7.14	7.53	7.41	7.92
10	8.29	7.23	7.19	8.31	7.34	7.18	7.22	7.12	7.12	7.49	7.42	8.12
11	8.12	7.22	7.20	8.39	7.38	7.39	7.25	7.10	7.10	7.45	7.55	7.62
12	7.65	7.20	7.24	8.08	7.36	7.29	7.46	7.10	7.09	7.42	7.35	7.61
13	7.50	7.19	7.35	7.90	7.35	7.51	7.96	7.09	7.08	7.39	7.33	9.35
14	7.40	7.18	7.26	7.77	7.36	7.60	8.04	7.08	7.06	7.37	7.31	10.17
15	7.42	7.18	7.23	7.64	7.33	7.54	7.78	7.07	7.05	7.35	7.30	8.72
16	7.44	7.17	7.22	7.59	7.30	7.58	7.63	7.06	7.28	7.32	7.29	8.24
17	7.32	7.17	7.21	7.51	7.31	7.66	7.49	7.05	7.30	7.31	7.28	7.96
18	7.27	7.16	7.55	7.45	7.28	7.88	7.45	7.05	7.28	7.32	7.25	7.79
19	7.24	7.16	7.38	7.42	7.26	8.32	7.35	7.04	7.32	7.31	7.22	7.68
20	7.23	7.19	7.43	7.40	7.22	8.63	7.29	7.04	7.23	7.29	7.20	7.63
21	7.21	7.21	8.01	7.36	7.21	8.35	7.27	7.04	7.19	7.27	7.20	7.63
22	7.19	7.20	7.95	7.33	7.22	8.14	7.29	7.03	7.21	7.28	7.26	7.65
23	7.18	7.20	7.76	7.43	7.21	7.96	7.29	7.03	7.25	7.28	7.36	7.63
24	7.18	7.20	7.62	7.45	7.20	7.79	7.50	7.03	7.21	7.27	7.40	7.62
25	7.17	7.22	7.52	7.51	7.19	7.59	7.30	7.02	7.28	7.26	7.43	7.61
26	7.16	7.24	7.45	7.55	7.25	7.58	7.28	7.02	8.32	7.24	7.35	7.58
27	7.16	7.23	7.40	7.55	7.42	7.59	7.28	7.02	9.65	7.43	7.35	7.56
28	7.17	7.22	7.36	7.57	7.25	7.50	7.29	7.01	8.27	7.36	7.32	7.53
29	7.17	7.21	7.33	7.52	7.31	7.45	7.25	7.01	9.36	7.30	7.30	7.52
30	7.18	7.20	7.30	7.47	---	7.41	7.20	7.00	8.68	7.28	7.27	7.48
31	7.29	---	7.29	7.54	---	7.37	---	7.00	---	7.42	7.27	---
MAX	8.29	7.28	8.01	8.53	7.58	8.63	8.04	7.42	9.65	10.24	7.55	10.17
MIN	7.16	7.16	7.18	7.28	7.19	7.18	7.20	7.00	6.99	7.24	7.20	7.18

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 sea level. Prior to June 4, 1948, nonrecording gage, and June 4, 1948, to Apr. 13, 1950, water-stage recorder at old highway bridge 100 ft upstream at same datum.

REMARKS.--Records good. Satellite telemetry and rain gage at station. Several measurements of water temperature were made during the year.

PEAK DISCHARGES 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)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.3	11	6.6	8.0	8.1	5.6	6.9	5.1	3.6	346	95	4.9
2	4.6	8.2	6.9	7.9	7.2	4.6	6.9	5.3	3.5	206	10	3.4
3	4.4	6.7	7.6	16	6.9	4.5	7.5	14	3.4	76	6.5	3.2
4	4.5	6.2	7.2	269	6.7	4.1	18	29	3.3	30	4.5	2.7
5	4.7	6.1	7.9	91	6.1	4.5	10	16	20	18	3.5	2.4
6	3.9	6.7	8.1	35	5.9	3.7	7.6	8.6	13	12	3.2	2.2
7	4.0	6.7	8.2	20	6.7	3.7	6.8	6.9	7.0	9.1	2.8	2.4
8	11	6.3	7.9	14	5.9	5.0	6.4	6.3	5.2	7.8	2.7	16
9	236	6.1	10	14	5.5	3.4	5.8	6.3	4.5	7.0	2.9	11
10	75	6.0	8.6	32	5.5	3.8	5.7	5.7	4.1	6.0	130	12
11	41	5.5	7.7	52	5.6	5.4	5.7	5.7	4.0	5.1	330	15
12	21	5.2	23	32	5.8	8.3	7.3	5.6	3.9	4.6	36	7.3
13	13	5.5	26	21	5.7	5.9	77	5.5	3.9	4.1	11	11
14	11	5.5	11	15	5.5	4.1	27	5.2	3.7	3.7	6.2	326
15	11	5.0	8.3	11	5.2	9.9	17	5.6	4.3	3.5	4.5	158
16	10	4.8	6.9	9.7	5.3	22	12	4.9	4.9	3.3	3.9	42
17	8.9	4.9	6.7	8.6	5.0	16	9.3	5.0	5.1	3.1	3.5	20
18	8.3	4.9	254	8.0	4.8	40	7.7	4.8	4.7	2.8	3.3	12
19	8.0	4.8	119	7.7	4.6	171	6.9	4.3	4.8	2.8	3.0	9.9
20	7.9	6.0	79	7.2	4.3	96	6.3	4.1	4.9	2.6	10	8.5
21	8.4	6.7	414	6.7	4.3	55	5.8	4.4	5.2	2.4	28	7.0
22	8.7	5.8	82	7.8	4.2	29	5.4	4.3	6.0	2.6	5.0	10
23	8.6	6.0	32	9.1	4.6	19	5.4	3.9	4.4	2.6	3.6	12
24	7.6	6.7	20	9.6	4.7	15	21	4.3	4.3	2.8	4.1	7.5
25	7.2	6.9	15	9.5	5.7	12	12	4.1	3.7	2.2	33	5.7
26	7.2	7.8	12	7.5	4.6	11	7.1	4.0	6.7	2.1	16	4.6
27	7.2	6.0	10	7.8	24	21	5.4	3.7	168	2.1	13	4.5
28	7.1	5.7	9.4	13	17	15	5.5	3.7	77	5.3	4.2	4.3
29	7.2	5.9	8.8	13	7.7	10	5.2	3.7	34	6.4	3.5	4.2
30	7.9	6.0	8.3	11	---	8.4	5.0	3.7	181	5.8	3.2	4.1
31	14	---	8.1	8.4	---	7.3	---	3.9	---	151	5.7	---
TOTAL	585.6	185.6	1240.2	782.5	193.1	624.2	335.6	197.6	602.1	938.8	791.8	733.8
MEAN	18.9	6.19	40.0	25.2	6.66	20.1	11.2	6.37	20.1	30.3	25.5	24.5
MAX	236	11	414	269	24	171	77	29	181	346	330	326
MIN	3.9	4.8	6.6	6.7	4.2	3.4	5.0	3.7	3.3	2.1	2.7	2.2
CFSM	.24	.08	.50	.32	.08	.25	.14	.08	.25	.38	.32	.31
IN.	.27	.09	.58	.37	.09	.29	.16	.09	.28	.44	.37	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2000, BY WATER YEAR (WY)

	MEAN	37.6	76.1	135	187	244	210	199	114	59.2	53.1	57.6	58.1
MAX	356	750	710	710	1026	563	821	791	412	230	378	586	
(WY)	1986	1949	1954	1998	1966	1995	1983	1953	1950	1946	1992	1977	
MIN	2.61	3.47	6.97	9.48	6.66	15.2	8.36	5.60	5.88	4.55	4.94	5.86	
(WY)	1964	1966	1959	1957	2000	1955	1963	1963	1955	1947	1948	1969	

MISSISSIPPI RIVER DELTA

07376500 NATALBANY RIVER AT BAPTIST, LA.--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1944 - 2000	
ANNUAL TOTAL	12910.6		7210.9		119	
ANNUAL MEAN	35.4		19.7		234	
HIGHEST ANNUAL MEAN					19.7	
LOWEST ANNUAL MEAN					1983	
HIGHEST DAILY MEAN	1060	Mar 14	414	Dec 21	9700	Apr 7 1983
LOWEST DAILY MEAN	3.8	Sep 24	2.1	Jul 26	1.8	Nov 3 1963
ANNUAL SEVEN-DAY MINIMUM	4.0	Sep 22	2.4	Jul 21	2.1	Dec 11 1962
INSTANTANEOUS PEAK FLOW			926	Aug 10	9810	Apr 7 1983
INSTANTANEOUS PEAK STAGE			9.35	Aug 10	20.80	Apr 7 1983
INSTANTANEOUS LOW FLOW			a2.0	Jul 27	1.8	Nov 2 1963
INSTANTANEOUS LOW STAGE			a2.96	Jul 27	b2.78	Oct 14 1980
ANNUAL RUNOFF (CFSM)	.44		.25		1.49	
ANNUAL RUNOFF (INCHES)	6.04		3.37		20.26	
10 PERCENT EXCEEDS	68		31		248	
50 PERCENT EXCEEDS	15		6.7		25	
90 PERCENT EXCEEDS	6.0		3.7		7.1	

a Also occurred July 28, 2000.

b Also occurred Oct 15-18, 1980.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.19	3.31	3.13	3.26	3.33	3.23	3.25	3.17	3.04	6.49	4.58	3.13
2	3.12	3.20	3.14	3.25	3.29	3.19	3.25	3.18	3.03	5.65	3.34	3.06
3	3.11	3.13	3.17	3.43	3.28	3.19	3.28	3.45	3.03	4.59	3.20	3.05
4	3.12	3.11	3.15	6.04	3.27	3.17	3.62	3.86	3.02	3.93	3.12	3.02
5	3.13	3.11	3.18	4.79	3.25	3.18	3.39	3.56	3.52	3.60	3.07	3.00
6	3.09	3.13	3.19	4.10	3.24	3.15	3.28	3.31	3.39	3.41	3.05	2.98
7	3.10	3.13	3.20	3.74	3.27	3.15	3.25	3.23	3.18	3.30	3.03	3.00
8	3.34	3.12	3.19	3.55	3.24	3.21	3.23	3.20	3.11	3.25	3.02	3.48
9	5.79	3.11	3.26	3.56	3.23	3.13	3.21	3.20	3.08	3.21	3.04	3.37
10	4.57	3.11	3.21	4.04	3.23	3.16	3.21	3.18	3.06	3.18	4.06	3.42
11	4.09	3.09	3.18	4.35	3.23	3.22	3.21	3.18	3.05	3.14	6.24	3.52
12	3.64	3.08	3.49	4.04	3.24	3.34	3.26	3.17	3.05	3.12	4.00	3.23
13	3.39	3.09	3.70	3.76	3.24	3.24	4.62	3.16	3.05	3.10	3.36	3.32
14	3.32	3.09	3.29	3.58	3.23	3.17	3.88	3.15	3.04	3.08	3.18	6.31
15	3.29	3.07	3.20	3.46	3.22	3.38	3.61	3.16	3.06	3.07	3.12	5.29
16	3.27	3.06	3.14	3.40	3.22	3.79	3.45	3.14	3.09	3.06	3.09	4.14
17	3.23	3.06	3.13	3.36	3.21	3.62	3.35	3.13	3.10	3.05	3.07	3.66
18	3.20	3.06	5.41	3.33	3.20	3.83	3.28	3.12	3.09	3.03	3.06	3.40
19	3.19	3.06	4.95	3.32	3.19	5.45	3.25	3.10	3.09	3.03	3.04	3.31
20	3.18	3.10	4.33	3.29	3.18	4.83	3.23	3.09	3.09	3.01	3.25	3.26
21	3.21	3.13	6.82	3.27	3.18	4.37	3.21	3.10	3.11	3.00	3.77	3.20
22	3.22	3.10	4.66	3.32	3.17	3.94	3.20	3.09	3.14	3.01	3.14	3.32
23	3.22	3.11	3.97	3.37	3.19	3.69	3.20	3.07	3.07	3.01	3.08	3.39
24	3.17	3.13	3.65	3.39	3.19	3.54	3.68	3.09	3.07	3.03	3.10	3.22
25	3.15	3.14	3.50	3.39	3.24	3.44	3.45	3.08	3.04	2.98	3.98	3.14
26	3.15	3.18	3.41	3.31	3.19	3.41	3.26	3.07	3.16	2.97	3.53	3.10
27	3.15	3.11	3.35	3.32	3.81	3.72	3.20	3.05	5.11	2.97	3.40	3.10
28	3.15	3.10	3.32	3.50	3.64	3.55	3.19	3.05	4.55	3.11	3.10	3.09
29	3.15	3.10	3.29	3.50	3.32	3.38	3.18	3.05	3.93	3.19	3.07	3.09
30	3.18	3.11	3.27	3.43	---	3.32	3.17	3.05	5.36	3.16	3.05	3.08
31	3.40	---	3.26	3.35	---	3.27	---	3.05	---	4.42	3.15	---
MAX	5.79	3.31	6.82	6.04	3.81	5.45	4.62	3.86	5.36	6.49	6.24	6.31
MIN	3.09	3.06	3.13	3.25	3.17	3.13	3.17	3.05	3.02	2.97	3.02	2.98

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30°53'20", long 90°50'40", in sec. 72, T. 2 S., R. 4 E., St. Helena Meridian, St. Helena Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 10, 1.5 mi upstream from Collins Creek, and 4.0 mi west of Darlington.

DRAINAGE AREA.--580 mi².

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.81 ft above sea level. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, at datum 2.99 ft higher.

REMARKS.--Records good, except for estimated daily discharge, which are poor. Several measurements of water temperature were made during the year. Satellite telemetry and rain gage at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	314	541	328	364	324	313	e400	307	215	244	210	186
2	274	421	329	362	320	308	e380	304	214	236	299	185
3	263	362	331	374	319	306	e800	310	212	229	246	181
4	260	341	334	916	316	300	2780	399	210	227	250	178
5	256	338	343	1490	312	297	1770	452	231	224	242	174
6	252	337	345	e600	309	295	881	576	262	215	209	171
7	252	335	345	480	308	295	608	383	242	207	204	170
8	273	335	339	437	310	296	496	320	229	209	203	178
9	1050	335	337	411	312	296	429	294	215	209	277	193
10	865	334	339	489	311	296	391	281	211	212	271	202
11	549	334	338	442	311	342	371	271	211	316	259	202
12	394	330	348	396	309	505	385	266	207	243	227	216
13	339	328	400	376	311	432	515	263	205	210	205	251
14	318	330	498	359	310	362	539	257	205	202	196	470
15	308	329	445	347	305	346	438	253	208	200	192	484
16	303	327	378	341	304	360	398	250	210	198	199	317
17	300	326	356	339	304	377	369	248	230	196	199	247
18	294	326	397	338	305	361	348	247	271	233	193	223
19	293	327	610	337	305	366	336	246	261	205	188	217
20	292	333	559	334	300	411	327	246	459	222	185	219
21	291	336	582	325	296	418	321	248	460	209	184	238
22	290	337	643	323	295	383	315	252	321	214	189	242
23	288	334	528	331	298	358	310	245	262	262	216	243
24	286	333	456	338	300	340	351	241	237	213	237	246
25	283	337	417	333	300	330	370	238	230	204	208	236
26	284	346	394	323	305	335	335	236	243	198	205	227
27	286	348	384	319	346	384	313	233	318	193	207	227
28	286	341	376	328	351	415	306	229	277	192	196	223
29	286	335	371	339	328	420	313	225	258	204	189	221
30	293	331	366	338	---	439	312	220	246	195	185	220
31	688	---	365	329	---	e420	---	218	---	198	184	---
TOTAL	11010	10347	12581	13158	9024	11106	16207	8758	7560	6719	6654	6987
MEAN	355	345	406	424	311	358	540	283	252	217	215	233
MAX	1050	541	643	1490	351	505	2780	576	460	316	299	484
MIN	252	326	328	319	295	295	306	218	205	192	184	170
CFSM	.61	.59	.70	.73	.54	.62	.93	.49	.43	.37	.37	.40
IN.	.71	.66	.81	.84	.58	.71	1.04	.56	.48	.43	.43	.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2000, BY WATER YEAR (WY)

	MEAN	457	560	1076	1269	1693	1584	1540	922	586	503	432	478
MAX	2964	2528	4106	3870	4793	5194	6032	4275	2915	2184	1491	2081	
(WY)	1965	1958	1972	1998	1966	1980	1983	1953	1975	1989	1975	1975	
MIN	197	225	263	339	311	358	346	257	252	217	215	220	
(WY)	1964	1970	1967	1957	2000	2000	1963	1965	2000	2000	2000	1963	

MISSISSIPPI RIVER DELTA

07377000 AMITE RIVER NEAR DARLINGTON, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1951 - 2000	
ANNUAL TOTAL	253505		120111		914	
ANNUAL MEAN	695		328		1924	
HIGHEST ANNUAL MEAN					328	
LOWEST ANNUAL MEAN					58500	
HIGHEST DAILY MEAN	17100	Mar 14	2780	Apr 4	170	Apr 7 1983
LOWEST DAILY MEAN	244	Sep 24	170	Sep 7	170	Sep 7 2000
ANNUAL SEVEN-DAY MINIMUM	246	Sep 22	177	Sep 2	177	Sep 2 2000
INSTANTANEOUS PEAK FLOW			3010	Apr 4	104000	Jan 25 1990
INSTANTANEOUS PEAK STAGE			6.84	Apr 4	22.05	Jan 25 1990
INSTANTANEOUS LOW FLOW			167	Sep 7	167	Sep 7 2000
INSTANTANEOUS LOW STAGE			1.70	Sep 7	a.39	Sep 6 1990
ANNUAL RUNOFF (CFSM)	1.20		.57		1.58	
ANNUAL RUNOFF (INCHES)	16.26		7.70		21.41	
10 PERCENT EXCEEDS	942		437		1570	
50 PERCENT EXCEEDS	419		308		415	
90 PERCENT EXCEEDS	283		204		252	

a Also occurred Sep 7-9, 1990.

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.14	2.55	2.00	2.10	2.10	2.08	---	2.06	1.84	1.92	1.83	1.76
2	2.03	2.24	2.01	2.09	2.09	2.06	---	2.05	1.84	1.90	2.06	1.75
3	2.00	2.09	2.01	2.12	2.09	2.06	---	2.07	1.83	1.88	1.92	1.74
4	1.99	2.04	2.02	3.27	2.08	2.04	---	2.29	1.83	1.87	1.93	1.73
5	1.98	2.03	2.04	4.50	2.07	2.03	4.95	2.42	1.88	1.87	1.91	1.72
6	1.97	2.03	2.05	---	2.06	2.03	3.37	2.72	1.96	1.84	1.83	1.71
7	1.96	2.02	2.05	2.60	2.06	2.03	2.79	2.27	1.91	1.82	1.81	1.71
8	2.02	2.02	2.03	2.39	2.07	2.03	2.53	2.11	1.88	1.83	1.81	1.73
9	3.69	2.02	2.03	2.33	2.07	2.03	2.37	2.04	1.84	1.83	2.00	1.78
10	3.34	2.02	2.03	2.52	2.07	2.03	2.28	2.01	1.83	1.83	1.99	1.80
11	2.66	2.02	2.03	2.40	2.07	2.15	2.23	1.99	1.83	2.10	1.96	1.81
12	2.28	2.01	2.06	2.29	2.07	2.55	2.26	1.98	1.82	1.91	1.87	1.84
13	2.14	2.01	2.19	2.24	2.07	2.38	2.58	1.97	1.82	1.83	1.81	1.93
14	2.09	2.01	2.44	2.20	2.07	2.20	2.63	1.95	1.81	1.81	1.79	2.47
15	2.06	2.01	2.30	2.16	2.05	2.16	2.39	1.94	1.82	1.80	1.78	2.50
16	2.05	2.00	2.13	2.15	2.05	2.20	2.29	1.93	1.83	1.79	1.80	2.08
17	2.04	2.00	2.08	2.14	2.05	2.24	2.22	1.93	1.88	1.79	1.80	1.89
18	2.03	2.00	2.18	2.14	2.05	2.20	2.17	1.92	1.99	1.89	1.78	1.83
19	2.02	2.00	2.73	2.14	2.05	2.21	2.13	1.92	1.96	1.82	1.76	1.82
20	2.02	2.02	2.60	2.13	2.04	2.33	2.11	1.92	2.44	1.86	1.75	1.82
21	2.02	2.03	2.66	2.11	2.03	2.34	2.10	1.92	2.45	1.83	1.75	1.87
22	2.01	2.03	2.81	2.10	2.03	2.26	2.08	1.94	2.11	1.84	1.77	1.88
23	2.01	2.02	2.52	2.12	2.03	2.19	2.07	1.92	1.96	1.96	1.84	1.88
24	2.00	2.02	2.33	2.14	2.04	2.15	2.17	1.91	1.90	1.84	1.90	1.89
25	1.99	2.03	2.23	2.13	2.04	2.12	2.22	1.90	1.88	1.81	1.82	1.87
26	2.00	2.05	2.17	2.10	2.05	2.13	2.13	1.90	1.91	1.79	1.82	1.84
27	2.00	2.06	2.15	2.09	2.16	2.26	2.08	1.89	2.11	1.78	1.82	1.84
28	2.00	2.04	2.13	2.11	2.17	2.34	2.06	1.88	2.00	1.78	1.79	1.83
29	2.00	2.02	2.12	2.14	2.12	2.35	2.07	1.87	1.95	1.81	1.77	1.83
30	2.02	2.01	2.10	2.14	---	---	2.07	1.86	1.92	1.79	1.75	1.83
31	2.93	---	2.10	2.12	---	---	---	1.85	---	1.79	1.75	---
MAX	3.69	2.55	2.81	4.50	2.17	2.55	---	2.72	2.45	2.10	2.06	2.50
MIN	1.96	2.00	2.00	2.09	2.03	2.03	---	1.85	1.81	1.78	1.75	1.71

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.

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

REVISED RECORDS.--WSP 1177: 1948, 1949(M). WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 113.65 ft above sea level. Aug. 20, 1942, to Oct. 28, 1949, nonrecording gage, Oct. 29, 1949, to Feb. 3, 1964, water-stage recorder at site 1,400 ft upstream. Prior to Oct. 1, 1977, at datum 2.00 ft higher.

REMARKS.--Records fair, except for estimated daily discharge, which are poor. Several measurements of water temperature were made during the year. Satellite telemetry and rain gage at station.

PEAK DISCHARGES 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)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	133	40	46	45	50	48	45	37	420	72	36
2	42	71	41	46	45	48	46	43	36	e86	46	36
3	41	52	41	58	44	51	385	e45	36	e58	47	36
4	40	46	41	382	44	53	882	49	36	e57	55	35
5	40	45	43	258	42	53	432	49	38	e53	36	35
6	40	45	43	87	42	53	126	81	42	e50	35	35
7	40	44	44	64	43	55	87	58	42	e49	35	35
8	58	43	43	57	43	57	72	49	40	e48	36	35
9	1210	42	42	59	43	55	63	46	38	e49	36	36
10	350	42	42	84	43	52	57	45	38	46	42	41
11	108	42	42	80	43	63	53	44	37	38	51	46
12	69	40	46	64	43	159	53	43	37	37	36	44
13	58	40	e49	57	43	73	62	42	37	36	35	101
14	52	40	75	52	43	54	79	41	37	36	35	67
15	50	40	52	49	43	52	59	41	46	36	35	66
16	48	39	43	48	42	54	54	41	42	36	55	50
17	47	41	41	48	42	53	51	41	42	35	e41	39
18	45	e39	84	48	43	51	49	41	61	35	e39	36
19	45	39	175	47	42	56	50	40	56	35	e38	36
20	44	41	115	46	42	79	48	41	48	35	e37	36
21	44	40	251	45	42	76	47	42	e45	35	36	48
22	44	43	200	45	42	60	46	42	e46	40	40	44
23	44	42	90	48	42	55	45	41	e45	85	46	42
24	42	40	66	50	42	e53	55	41	e44	43	110	44
25	42	42	57	51	e43	e52	e114	40	e58	37	71	39
26	42	44	52	46	e47	e127	e79	40	48	35	48	38
27	43	46	50	45	e56	e96	e51	39	139	35	41	36
28	43	44	48	46	51	e119	e48	38	84	35	e38	36
29	42	42	47	48	49	e66	e45	38	85	37	37	36
30	67	40	47	48	---	53	e45	37	63	37	36	36
31	273	---	47	46	---	51	---	37	---	50	36	---
TOTAL	3205	1387	2097	2198	1274	2029	3331	1360	1483	1744	1381	1280
MEAN	103	46.2	67.6	70.9	43.9	65.5	111	43.9	49.4	56.3	44.5	42.7
MAX	1210	133	251	382	56	159	882	81	139	420	110	101
MIN	40	39	40	45	42	48	45	37	36	35	35	35
CFSM	.71	.32	.47	.49	.30	.45	.77	.30	.34	.39	.31	.29
IN.	.82	.36	.54	.56	.33	.42	.85	.35	.38	.45	.35	.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2000, BY WATER YEAR (WY)

MEAN	110	150	274	413	453	419	396	212	137	121	115	107
MAX	774	758	1137	1506	1454	1266	1507	1232	609	570	512	623
(WY)	1986	1978	1983	1990	1966	1961	1997	1953	1975	1989	1975	1977
MIN	38.4	35.7	53.1	62.8	43.9	65.5	46.2	43.9	47.4	49.3	42.5	38.5
(WY)	1969	1969	1967	1957	2000	2000	1963	2000	1977	1956	1957	1972

MISSISSIPPI RIVER DELTA

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1943 - 2000	
ANNUAL TOTAL	53999		22769			
ANNUAL MEAN	148		62.2		241	
HIGHEST ANNUAL MEAN					527	1983
LOWEST ANNUAL MEAN					62.2	2000
HIGHEST DAILY MEAN	6860	Mar 14	1210	Oct 9	16200	Apr 6 1983
LOWEST DAILY MEAN	37	Sep 23	35	Jul 17	29	Oct 16 1972
ANNUAL SEVEN-DAY MINIMUM	38	Sep 21	35	Jul 15	31	Oct 12 1972
INSTANTANEOUS PEAK FLOW			1850	Oct 9	22400	Apr 22 1977
INSTANTANEOUS PEAK STAGE			4.83	Oct 9	23.37	Mar 18 1961
INSTANTANEOUS LOW FLOW			34	many days	28	Oct 12 1972
INSTANTANEOUS LOW STAGE			.05	Jul 21	a.01	Sep 13 1995
ANNUAL RUNOFF (CFSM)	1.02		.43		1.66	
ANNUAL RUNOFF (INCHES)	13.85		5.84		22.60	
10 PERCENT EXCEEDS	178		79		423	
50 PERCENT EXCEEDS	55		45		80	
90 PERCENT EXCEEDS	41		36		46	

a Also occurred Sep 14, 1995.

	Also Occur	Estimated
a		
e		

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.26	.61	.12	.16	.15	.18	.17	.14	.07	1.66	.31	.09
2	.17	.30	.12	.16	.15	.17	.15	.13	.07	---	.16	.09
3	.15	.19	.12	.22	.14	.19	1.40	---	.07	---	.16	.09
4	.14	.16	.13	1.55	.14	.20	3.05	.17	.07	---	.21	.08
5	.14	.15	.14	1.10	.14	.20	1.67	.17	.09	---	.10	.08
6	.14	.15	.14	.39	.13	.20	.58	.35	.11	---	.08	.07
7	.14	.14	.14	.27	.14	.21	.39	.21	.11	---	.08	.07
8	.26	.14	.14	.22	.14	.22	.31	.15	.09	---	.08	.08
9	3.68	.13	.13	.24	.14	.21	.26	.14	.08	---	.08	.09
10	1.42	.13	.13	.38	.14	.20	.22	.13	.08	.16	.12	.13
11	.50	.13	.13	.35	.14	.26	.20	.12	.07	.11	.19	.16
12	.29	.12	.16	.27	.14	.73	.20	.12	.07	.10	.10	.15
13	.23	.12	---	.22	.14	.25	.12	.12	.07	.10	.07	.45
14	.20	.12	.33	.20	.14	.21	.35	.11	.07	.09	.07	.28
15	.18	.12	.20	.18	.14	.19	.24	.10	.13	.10	.07	.28
16	.17	.11	.14	.17	.13	.21	.21	.11	.10	.09	.21	.18
17	.17	.12	.13	.17	.13	.20	.19	.11	.10	.08	---	.12
18	.15	---	.36	.17	.14	.19	.18	.10	.22	.08	---	.10
19	.15	.11	.79	.16	.13	.22	.17	.10	.19	.08	---	.09
20	.15	.13	.53	.16	.13	.35	.16	.11	.14	.08	---	.09
21	.14	.12	1.10	.15	.13	.33	.15	.11	---	.08	.09	.17
22	.15	.14	.90	.15	.13	.24	.14	.11	---	.11	.12	.15
23	.14	.13	.41	.17	.14	.21	.14	.11	---	.38	.16	.13
24	.13	.12	.27	.18	.14	---	.20	.10	---	.14	.50	.15
25	.13	.13	.22	.19	---	---	---	.09	---	.10	.30	.12
26	.13	.14	.19	.16	---	---	---	.09	.14	.08	.17	.11
27	.14	.16	.18	.15	---	---	---	.09	.62	.07	.13	.10
28	.14	.14	.17	.16	.19	---	---	.08	.36	.06	---	.09
29	.13	.13	.16	.17	.18	---	---	.08	.36	.10	.10	.09
30	.26	.12	.16	.17	---	.20	---	.07	.23	.10	.09	.09
31	1.17	---	.16	.16	---	.19	---	.07	---	.18	.09	---
MAX	3.68	---	---	1.55	---	---	---	---	---	---	---	.45
MIN	.13	---	---	.15	---	---	---	---	---	---	---	.08

MISSISSIPPI RIVER DELTA

207

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

LOCATION.--Lat 30°38'13", long 91°07'39", at center of E 1/2 sec. 39, T. 5 S., R. 1 E., St. Helena Meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on Lower Zachary Road, 1.5 mi downstream from Indian Bayou, and 2.0 mi southeast of Zachary.

DRAINAGE AREA.--45 mi², approximately.

PERIOD OF RECORD.--August 1972 to current year. Daily gage heights from January 1965 to July 1972 published as White Bayou near Zachary by Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder. Datum of gage is 65.00 ft above sea level (levels by Corps of Engineers).

REMARKS.--Records fair, except for estimated daily discharge, which are poor. Several measurements of water temperature were made during the year.

PEAK DISCHARGES 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)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.44	2.8	.08	.40	.64	.80	1.2	.20	.06	62	e.97	1.1
2	.27	.99	.13	.34	.56	.70	.94	.17	.07	17	e.62	.58
3	.23	.43	.16	5.7	.50	.61	8.6	.15	.07	3.4	.34	.40
4	.15	.36	.16	130	.47	.48	48	.15	.06	1.9	2.7	.20
5	.11	.33	.64	19	.43	.52	7.9	45	.24	1.1	3.3	.11
6	.10	.26	.30	5.0	.42	.47	3.0	29	.23	.85	1.4	.08
7	.10	.19	.16	3.0	.54	.37	1.7	2.9	.11	.66	.70	.06
8	11	.18	.12	2.1	.53	.35	1.1	1.4	.09	.75	.42	.31
9	188	.14	.13	33	.44	.35	.75	.83	.08	.86	.30	.74
10	31	.12	.15	54	.40	.39	.59	.55	.06	.96	.28	.77
11	4.3	.11	.15	9.6	.42	3.1	.51	.49	.05	.47	1.3	.75
12	2.0	.12	.78	5.0	.45	2.2	3.5	.43	.05	.36	.39	1.1
13	1.0	.12	1.2	3.1	.64	1.2	12	.38	.04	.26	.24	e116
14	.66	.17	.37	2.0	.58	.84	2.3	.30	.04	.20	.12	e20
15	.45	.14	.18	1.5	.60	1.4	1.1	.23	.09	.17	6.4	e5.6
16	.45	.11	.16	1.5	.51	1.8	.84	.19	.19	.14	49	e2.2
17	.43	.10	.17	1.2	.48	1.1	.76	.17	.78	.11	5.4	e1.2
18	.34	.08	131	1.0	.50	3.7	.56	.14	87	.10	1.6	e.73
19	.32	.09	52	1.1	.40	16	.46	.12	10	.10	.77	e.50
20	.25	1.1	37	.79	.42	6.7	.40	.11	3.2	.09	.47	e.38
21	.18	.37	229	.66	.37	2.5	.34	.11	1.7	.11	.29	e.33
22	.15	.19	38	.97	.33	1.5	.28	.09	1.1	5.4	2.7	e.26
23	.16	.42	6.9	1.5	.33	1.1	.25	.09	.80	140	1.9	e.21
24	.10	.50	3.3	1.1	.36	.93	1.2	.08	.56	17	1.2	e.17
25	.09	.64	2.0	.73	.40	.78	.47	.08	.49	3.3	16	e.16
26	.08	.59	1.3	.61	2.2	.94	.38	.07	.55	1.7	7.9	e.15
27	.07	.22	1.1	.57	9.6	4.7	.30	.07	.39	.96	1.9	e.14
28	.11	.14	.80	2.3	2.2	2.4	.35	.06	.95	5.3	.92	e.13
29	.09	.10	.64	1.3	1.2	1.3	.30	.06	1.2	3.9	.56	e.12
30	5.2	.09	.60	.91	---	1.1	.25	.06	69	1.7	.43	e.11
31	11	---	.51	.73	---	1.4	---	.06	---	1.2	2.0	---
TOTAL	258.83	11.20	509.19	290.71	26.92	61.73	100.33	83.74	179.25	272.05	112.52	154.59
MEAN	8.35	.37	16.4	9.38	.93	1.99	3.34	2.70	5.97	8.78	3.63	5.15
MAX	188	2.8	229	130	9.6	16	48	45	87	140	49	116
MIN	.07	.08	.08	.34	.33	.35	.25	.06	.04	.09	.12	.06
CFSM	.19	.01	.37	.21	.02	.04	.07	.06	.13	.20	.08	.11
IN.	.21	.01	.42	.24	.02	.05	.08	.07	.15	.22	.09	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2000, BY WATER YEAR (WY)

	35.8	43.7	82.9	155	147	110	136	62.8	48.0	34.7	41.4	31.8
MEAN	35.8	43.7	82.9	155	147	110	136	62.8	48.0	34.7	41.4	31.8
MAX	372	209	369	426	378	335	423	260	519	282	203	226
(WY)	1985	1978	1983	1990	1988	1980	1983	1991	1989	1975	1987	1988
MIN	.16	.37	7.90	2.52	.93	1.99	1.11	.68	.45	.68	.37	.016
(WY)	1991	2000	1997	1981	2000	2000	1981	1999	1995	1995	1999	1990

MISSISSIPPI RIVER DELTA

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1973 - 2000	
ANNUAL TOTAL	8314.87		2061.06		77.0	
ANNUAL MEAN	22.8		5.63		142	
HIGHEST ANNUAL MEAN					5.63	
LOWEST ANNUAL MEAN					1983	
HIGHEST DAILY MEAN	1310	Mar 14	229	Dec 21	4270	Apr 22 1977
LOWEST DAILY MEAN	.06	Aug 17	.04	Jun 13	.00	Aug 20 1974
ANNUAL SEVEN-DAY MINIMUM	.08	Aug 14	.06	Jun 8	.00	Oct 3 1974
INSTANTANEOUS PEAK FLOW			415	Jul 23	4730	Apr 6 1983
INSTANTANEOUS PEAK STAGE			9.22	Jul 23	23.24	Apr 6 1983
INSTANTANEOUS LOW FLOW			a.04	Jun 13	.01	Aug 5 1998
INSTANTANEOUS LOW STAGE			b1.46	Jun 13	b1.46	Jun 13 2000
ANNUAL RUNOFF (CFSM)	.51		.13		1.71	
ANNUAL RUNOFF (INCHES)	6.87		1.70		23.24	
10 PERCENT EXCEEDS	34		6.5		151	
50 PERCENT EXCEEDS	.71		.52		3.8	
90 PERCENT EXCEEDS	.12		.10		.33	

a Also occurred June 15.

b Also occurred June 14, 15, 2000.

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.76	2.24	1.59	1.75	1.73	1.78	1.87	1.65	1.50	4.13	---	1.95
2	1.69	1.95	1.63	1.72	1.71	1.75	1.81	1.63	1.51	3.06	---	1.81
3	1.67	1.79	1.66	2.03	1.69	1.73	2.53	1.62	1.51	2.31	1.72	1.75
4	1.62	1.76	1.66	5.81	1.68	1.68	4.07	1.61	1.50	2.10	2.06	1.65
5	1.58	1.75	1.85	3.19	1.66	1.69	2.67	2.91	1.61	1.94	2.30	1.58
6	1.57	1.73	1.74	2.44	1.66	1.68	2.27	3.32	1.63	1.89	2.01	1.54
7	1.57	1.68	1.66	2.20	1.70	1.64	2.08	2.24	1.55	1.84	1.85	1.52
8	2.11	1.67	1.63	2.06	1.70	1.63	1.95	1.99	1.53	1.85	1.76	1.68
9	6.57	1.65	1.64	3.58	1.66	1.63	1.87	1.87	1.53	1.89	1.70	1.86
10	3.57	1.63	1.65	4.21	1.65	1.64	1.82	1.78	1.50	1.92	1.69	1.87
11	2.40	1.62	1.65	2.79	1.66	2.15	1.79	1.76	1.48	1.78	1.99	1.86
12	2.14	1.63	1.85	2.44	1.67	2.07	2.04	1.73	1.47	1.73	1.74	1.95
13	1.97	1.63	1.99	2.21	1.73	1.87	2.85	1.71	1.47	1.69	1.67	---
14	1.87	1.67	1.77	2.05	1.71	1.79	2.17	1.68	1.46	1.65	1.59	---
15	1.80	1.64	1.68	1.94	1.72	1.90	1.96	1.64	1.50	1.63	1.95	---
16	1.80	1.62	1.66	1.94	1.69	2.01	1.89	1.61	1.60	1.60	4.17	---
17	1.79	1.60	1.67	1.89	1.68	1.86	1.87	1.60	1.75	1.58	2.48	---
18	1.75	1.59	4.89	1.84	1.69	2.15	1.81	1.58	4.75	1.57	2.05	---
19	1.75	1.59	4.26	1.85	1.65	3.10	1.77	1.56	2.76	1.57	1.87	---
20	1.72	1.90	3.51	1.78	1.66	2.56	1.75	1.55	2.29	1.56	1.77	---
21	1.68	1.77	7.15	1.74	1.64	2.13	1.72	1.55	2.07	1.56	1.70	---
22	1.65	1.68	3.81	1.81	1.62	1.95	1.70	1.54	1.95	2.43	2.15	---
23	1.66	1.71	2.61	1.95	1.62	1.86	1.68	1.53	1.88	5.41	2.11	---
24	1.61	1.81	2.30	1.84	1.63	1.81	1.95	1.53	1.81	3.10	1.97	---
25	1.60	1.84	2.12	1.76	1.65	1.77	1.78	1.52	1.78	2.30	3.04	---
26	1.58	1.84	2.00	1.72	1.87	1.81	1.74	1.50	1.80	2.07	2.63	---
27	1.56	1.70	1.95	1.71	2.73	2.36	1.70	1.50	1.74	1.92	2.10	---
28	1.62	1.64	1.88	2.07	2.07	2.10	1.73	1.50	1.91	2.49	1.91	---
29	1.59	1.61	1.83	1.90	1.88	1.91	1.71	1.50	1.98	2.36	1.81	---
30	2.00	1.60	1.82	1.81	---	1.84	1.68	1.50	3.35	2.08	1.76	---
31	2.86	---	1.79	1.76	---	1.92	---	1.50	---	1.97	2.12	---
MAX	6.57	2.24	7.15	5.81	2.73	3.10	4.07	3.32	4.75	5.41	---	---
MIN	1.56	1.59	1.59	1.71	1.62	1.63	1.68	1.50	1.46	1.56	---	---

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 21.85 ft above sea level (levels by Louisiana Department of Transportation and Development). Prior to Apr. 22, 1946, nonrecording gage at same site. Prior to Oct. 1, 1962, at datum 7.00 ft higher. From Oct. 1, 1962, to Sept. 30, 1975; at datum 4.00 ft higher. From Oct. 1, 1978, to Sept. 30, 1996, at datum 2.00 ft higher.

REMARKS.--Records fair, except for periods of estimated daily discharge, which are poor. Several measurements of water temperature were made during the year. Satellite telemetry and rain gage at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79	194	57	76	72	66	67	61	42	625	58	41
2	67	119	57	74	70	64	65	61	42	213	70	39
3	59	88	57	83	69	62	71	65	43	102	54	39
4	55	75	57	410	68	62	725	65	42	78	61	39
5	53	69	67	326	68	61	591	690	43	65	61	38
6	53	68	61	160	67	60	187	2220	46	59	47	37
7	53	65	60	113	68	58	124	160	45	57	44	38
8	82	65	60	97	67	58	103	88	43	55	44	50
9	2900	63	58	125	66	59	90	69	42	87	45	53
10	1420	62	58	369	66	58	82	62	41	80	52	54
11	231	61	59	173	65	65	77	59	41	61	150	49
12	127	60	68	122	64	90	75	57	40	52	76	48
13	97	60	82	100	64	118	91	56	41	e50	50	108
14	83	59	69	90	64	80	97	54	40	e49	44	168
15	76	59	81	84	65	75	91	53	59	52	63	85
16	72	59	65	80	64	82	75	52	72	e49	180	66
17	71	58	60	77	62	71	69	51	62	45	76	53
18	66	59	479	78	62	74	66	50	74	44	55	46
19	65	60	382	75	61	181	64	49	112	43	46	43
20	64	65	349	73	60	157	63	50	102	43	43	42
21	64	65	1400	72	59	112	63	50	71	42	42	42
22	62	60	382	73	59	90	62	49	59	43	43	50
23	61	61	191	91	60	74	62	49	50	108	49	46
24	61	62	129	81	59	68	73	48	45	114	53	43
25	60	65	106	78	58	64	73	47	46	68	98	44
26	60	68	95	76	60	64	88	47	43	53	68	43
27	60	63	88	74	117	155	67	46	68	66	51	42
28	59	62	85	87	90	121	63	46	90	172	45	41
29	58	60	82	83	72	113	62	46	83	64	42	40
30	137	60	80	77	---	82	62	45	226	53	41	40
31	486	---	78	75	---	72	---	e43	---	52	41	---
TOTAL	6941	2094	5002	3652	1946	2616	3548	4588	1853	2744	1892	1567
MEAN	224	69.8	161	118	67.1	84.4	118	148	61.8	88.5	61.0	52.2
MAX	2900	194	1400	410	117	181	725	2220	226	625	180	168
MIN	53	58	57	72	58	58	62	43	40	42	41	37
CFSM	.79	.25	.57	.41	.24	.30	.42	.52	.22	.31	.21	.18
IN.	.91	.27	.66	.48	.25	.34	.46	.60	.24	.36	.25	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2000, BY WATER YEAR (WY)

	MEAN	227	263	546	893	943	800	841	472	260	228	230	205
MAX	1753	1230	3042	3690	3419	2435	3531	3261	2158	1139	1243	1460	
(WY)	1965	1949	1983	1990	1966	1980	1983	1953	1989	1989	1975	1977	
MIN	32.2	45.9	67.2	79.0	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	

MISSISSIPPI RIVER DELTA

07378000 COMITE RIVER NEAR COMITE, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1945 - 2000	
ANNUAL TOTAL	93087		38443		490	
ANNUAL MEAN	255		105		1096	1983
HIGHEST ANNUAL MEAN					105	2000
LOWEST ANNUAL MEAN					34400	Apr 7 1983
HIGHEST DAILY MEAN	10200	Mar 14	2900	Oct 9	29	Oct 29 1963
LOWEST DAILY MEAN	52	many days	37	Sep 6	29	Oct 28 1963
ANNUAL SEVEN-DAY MINIMUM	52	Sep 22	39	Sep 1	37000	Apr 7 1983
INSTANTANEOUS PEAK FLOW			5110	May 6	30.64	May 19 1953
INSTANTANEOUS PEAK STAGE			13.79	May 6	28	Aug 1 1977
INSTANTANEOUS LOW FLOW			36	Sep 5	*	
INSTANTANEOUS LOW STAGE			1.05	Sep 5	1.73	
ANNUAL RUNOFF (CFSM)	.90		.37		23.45	
ANNUAL RUNOFF (INCHES)	12.19		5.04		974	
10 PERCENT EXCEEDS	372		124		124	
50 PERCENT EXCEEDS	81		64		59	
90 PERCENT EXCEEDS	59		43			

* Not determined.
e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.75	2.84	1.50	1.66	1.62	1.55	1.57	1.49	1.23	4.98	1.38	1.13
2	1.63	2.18	1.50	1.64	1.60	1.52	1.54	1.49	1.22	2.84	1.52	1.11
3	1.52	1.85	1.50	1.73	1.59	1.50	1.60	1.54	1.24	1.87	1.32	1.10
4	1.47	1.71	1.50	4.12	1.58	1.50	5.56	1.54	1.22	1.61	1.41	1.09
5	1.45	1.64	1.61	3.72	1.57	1.49	5.06	3.37	1.25	1.47	1.41	1.07
6	1.44	1.63	1.55	2.50	1.57	1.48	2.73	8.62	1.28	1.39	1.24	1.07
7	1.44	1.60	1.53	2.05	1.57	1.45	2.16	2.48	1.28	1.36	1.19	1.08
8	1.72	1.60	1.53	1.88	1.56	1.45	1.95	1.79	1.26	1.35	1.19	1.27
9	10.48	1.57	1.51	2.16	1.55	1.46	1.82	1.58	1.23	1.68	1.20	1.31
10	7.27	1.56	1.51	3.97	1.55	1.45	1.73	1.50	1.22	1.63	1.28	1.32
11	3.10	1.54	1.52	2.61	1.54	1.54	1.67	1.46	1.20	1.41	2.34	1.27
12	2.25	1.54	1.63	2.14	1.53	1.81	1.65	1.43	1.19	1.30	1.59	1.25
13	1.95	1.53	1.79	1.91	1.52	2.10	1.82	1.43	1.21	---	1.27	1.92
14	1.80	1.53	1.65	1.81	1.53	1.70	1.89	1.40	1.19	---	1.20	2.50
15	1.72	1.52	1.78	1.75	1.54	1.65	1.82	1.38	1.42	1.30	1.38	1.69
16	1.68	1.52	1.60	1.71	1.53	1.73	1.65	1.37	1.61	---	2.59	1.48
17	1.66	1.51	1.53	1.67	1.50	1.61	1.59	1.36	1.50	1.21	1.59	1.32
18	1.61	1.52	3.94	1.69	1.49	1.63	1.55	1.35	1.60	1.19	1.34	1.22
19	1.59	1.53	4.02	1.64	1.49	2.68	1.53	1.34	2.03	1.19	1.23	1.18
20	1.58	1.59	3.62	1.63	1.47	2.47	1.51	1.34	1.93	1.17	1.17	1.16
21	1.58	1.59	7.59	1.62	1.47	2.05	1.51	1.35	1.60	1.16	1.16	1.15
22	1.56	1.53	4.04	1.63	1.46	1.81	1.50	1.34	1.47	1.18	1.17	1.27
23	1.55	1.55	2.76	1.82	1.48	1.64	1.50	1.33	1.34	1.89	1.26	1.21
24	1.54	1.56	2.21	1.71	1.47	1.57	1.63	1.32	1.27	1.99	1.31	1.19
25	1.54	1.59	1.98	1.68	1.46	1.53	1.63	1.31	1.28	1.50	1.83	1.19
26	1.54	1.63	1.86	1.66	1.47	1.53	1.79	1.30	1.25	1.32	1.50	1.17
27	1.53	1.57	1.79	1.64	2.09	2.43	1.56	1.30	1.55	1.44	1.29	1.16
28	1.52	1.57	1.76	1.78	1.81	2.14	1.51	1.29	1.81	2.49	1.21	1.13
29	1.52	1.53	1.72	1.74	1.62	2.05	1.50	1.29	1.74	1.44	1.16	1.11
30	2.11	1.53	1.70	1.68	---	1.73	1.50	1.28	2.50	1.31	1.14	1.11
31	4.61	---	1.69	1.65	---	1.61	---	---	---	1.29	1.13	---
MAX	10.48	2.84	7.59	4.12	2.09	2.68	5.56	8.62	2.50	---	2.59	2.50
MIN	1.44	1.51	1.50	1.62	1.46	1.45	1.50	1.28	1.19	---	1.13	1.07

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA

LOCATION.--Lat 30°27'50", long 90°59'25", in sec. 2, T. 7 S., R. 2 E., St. Helena Meridian, East Baton Rouge-Livingston Parish line, Hydrologic Unit 08070202, on downstream side of bridge on U.S. Highway 190, 1,000 ft downstream from Comite River, 2.3 mi southwest of town of Denham Springs, and 15 mi east of Baton Rouge.

DRAINAGE AREA.--1,280 mi².

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

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. Sept. 1, 1938, to Aug. 8, 1939, nonrecording gage at same site. Prior to Oct. 1, 1977, at datum 3.87 ft higher. Water-stage recorder for Amite River at 4-H Camp, near Denham Springs (station 07378510) used as auxiliary gage for this station from October 1945 to September 1983.

REMARKS.--Records good, except for estimated daily discharges, which are fair. 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.

PEAK DISCHARGES 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)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	455	2380	371	469	468	448	549	391	332	1600	316	282
2	434	1260	372	458	455	421	504	386	327	854	337	281
3	384	739	373	504	444	410	487	414	328	515	348	281
4	359	564	374	1500	437	404	2050	516	324	410	349	281
5	345	478	390	2170	430	396	3960	1190	334	374	385	280
6	334	443	396	2220	426	392	2650	6530	354	355	330	279
7	331	427	385	1440	425	388	1430	2070	352	340	293	279
8	581	416	386	895	425	386	961	746	348	329	285	282
9	4960	409	388	758	422	390	750	559	335	373	295	286
10	6110	402	397	1950	423	390	642	483	321	466	358	295
11	3080	398	383	2140	420	410	577	447	312	355	921	284
12	1350	391	423	1170	415	461	543	428	309	372	796	285
13	788	386	585	821	415	648	795	419	310	351	438	386
14	609	382	485	685	415	578	1110	407	303	315	336	605
15	523	378	551	610	412	522	854	395	319	345	306	585
16	470	375	517	567	411	588	666	389	420	350	697	530
17	443	373	439	537	404	519	582	384	365	312	419	390
18	425	371	1470	517	403	554	527	380	409	300	326	301
19	412	371	2280	504	400	1010	488	376	462	313	294	284
20	403	384	1730	487	395	1280	461	373	456	296	e289	283
21	394	403	4510	474	393	915	441	374	508	295	e284	282
22	391	389	3130	466	390	701	427	370	547	302	e280	296
23	389	388	1670	674	388	578	422	369	433	375	284	286
24	380	402	1020	576	389	508	530	364	376	461	287	283
25	379	395	766	510	389	466	498	361	359	370	370	283
26	378	424	647	490	393	453	514	356	395	320	338	281
27	375	399	586	465	580	801	466	351	414	297	289	281
28	375	395	545	517	582	682	425	350	519	481	284	280
29	373	388	512	532	499	659	408	346	451	380	283	280
30	529	376	494	504	---	597	399	339	520	317	282	279
31	2460	---	480	488	---	554	---	335	---	302	282	---
TOTAL	29219	15286	27055	26098	12448	17509	25116	21198	11542	12825	11381	9590
MEAN	943	510	873	842	429	565	837	684	385	414	367	320
MAX	6110	2380	4510	2220	582	1280	3960	6530	547	1600	921	605
MIN	331	371	371	458	388	386	399	335	303	295	280	279
CFSM	.74	.40	.68	.66	.34	.44	.65	.53	.30	.32	.29	.25
IN.	.85	.44	.79	.76	.36	.51	.73	.62	.34	.37	.33	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2000, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)
1914	898	5821	296	1964
1915	1170	4733	323	1940
1916	2332	9423	420	1967
1917	3409	14540	515	1957
1918	3902	11810	429	2000
1919	3610	9131	565	2000
1920	3460	13150	512	1963
1921	2142	13590	419	1963
1922	1271	5039	385	2000
1923	1172	5309	414	2000
1924	1065	4919	367	2000
1925	993	5637	320	2000
1926		1977		

MISSISSIPPI RIVER DELTA

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR			FOR 2000 WATER YEAR			WATER YEARS 1914 - 2000		
ANNUAL TOTAL	467480			219267			2110		
ANNUAL MEAN	1281			599			4433		1983
HIGHEST ANNUAL MEAN							599		2000
LOWEST ANNUAL MEAN							105000		Apr 8 1983
HIGHEST DAILY MEAN	35700	Mar 15		6530	May 6		271		Oct 17 1956
LOWEST DAILY MEAN	316	Sep 24		279	Sep 6		275		Oct 29 1963
ANNUAL SEVEN-DAY MINIMUM	318	Sep 22		280	Sep 1		112000		Apr 8 1983
INSTANTANEOUS PEAK FLOW				7730	May 6		41.50		Apr 8 1983
INSTANTANEOUS PEAK STAGE				22.72	May 6		271		Oct 17 1956
INSTANTANEOUS LOW FLOW				a279	Sep 6		a9.31		Sep 6 2000
INSTANTANEOUS LOW STAGE				a9.31	Sep 6		1.65		
ANNUAL RUNOFF (CFSM)	1.00			.47			22.40		
ANNUAL RUNOFF (INCHES)	13.59			6.37					
10 PERCENT EXCEEDS	2240			866			4560		
50 PERCENT EXCEEDS	547			410			853		
90 PERCENT EXCEEDS	383			295			425		

a Also occurred Sep 7.

e Estimated

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.38	15.00	9.98	10.40	10.39	10.32	10.68	10.01	9.69	13.38	9.74	9.45
2	10.29	12.64	9.98	10.37	10.35	10.19	10.52	9.99	9.67	11.64	9.84	9.43
3	10.07	11.29	9.99	10.52	10.30	10.12	10.45	10.11	9.68	10.58	9.89	9.41
4	9.95	10.73	10.00	13.17	10.28	10.10	14.13	10.56	9.66	10.15	9.89	9.39
5	9.89	10.45	10.07	14.58	10.24	10.06	17.91	11.84	9.70	9.96	10.07	9.36
6	9.84	10.33	10.10	14.68	10.22	10.03	15.52	21.31	9.80	9.87	9.80	9.32
7	9.83	10.26	10.05	13.04	10.21	10.02	13.03	14.31	9.79	9.79	9.65	9.31
8	10.63	10.21	10.05	11.77	10.21	10.01	11.95	11.35	9.77	9.74	9.61	9.47
9	19.24	10.17	10.05	11.36	10.20	10.03	11.37	10.72	9.71	9.93	9.66	9.69
10	20.87	10.14	10.10	14.11	10.20	10.02	11.00	10.43	9.66	10.38	9.93	9.77
11	16.31	10.12	10.03	14.52	10.19	10.13	10.77	10.29	9.62	9.88	11.81	9.61
12	12.83	10.09	10.20	12.45	10.17	10.36	10.65	10.20	9.61	9.97	11.51	9.65
13	11.44	10.06	10.80	11.56	10.17	11.02	11.42	10.15	9.62	9.86	10.32	10.11
14	10.89	10.04	10.46	11.13	10.16	10.78	12.30	10.09	9.59	9.69	9.85	10.98
15	10.61	10.03	10.69	10.88	10.14	10.58	11.68	10.02	9.67	9.85	9.71	10.92
16	10.43	10.01	10.57	10.74	10.14	10.81	11.09	9.99	10.14	9.86	11.20	10.75
17	10.33	10.00	10.30	10.64	10.11	10.57	10.80	9.97	9.88	9.68	10.23	10.23
18	10.25	9.99	12.74	10.57	10.10	10.69	10.60	9.94	10.12	9.64	9.81	9.83
19	10.19	9.99	14.79	10.52	10.08	12.07	10.45	9.92	10.35	9.69	9.67	9.66
20	10.15	10.05	13.65	10.47	10.06	12.70	10.35	9.91	10.34	9.63	---	9.60
21	10.11	10.13	18.73	10.42	10.04	11.83	10.28	9.91	10.54	9.63	---	9.57
22	10.09	10.07	16.42	10.39	10.03	11.20	10.21	9.90	10.69	9.66	9.48	9.78
23	10.08	10.06	13.53	11.08	10.03	10.77	10.17	9.89	10.24	10.00	9.54	9.73
24	10.05	10.13	12.09	10.77	10.03	10.52	10.60	9.86	9.95	10.41	9.64	9.61
25	10.03	10.10	11.38	10.55	10.03	10.37	10.49	9.84	9.86	9.98	10.05	9.59
26	10.03	10.24	11.00	10.48	10.05	10.32	10.55	9.82	10.06	9.73	9.90	9.52
27	10.02	10.12	10.80	10.39	10.79	11.44	10.37	9.79	10.15	9.65	9.67	9.48
28	10.02	10.09	10.67	10.57	10.79	11.14	10.19	9.78	10.59	10.47	9.62	9.46
29	10.01	10.06	10.55	10.61	10.50	11.06	10.10	9.75	10.34	10.04	9.54	9.44
30	10.46	10.01	10.49	10.52	---	10.85	10.05	9.72	10.53	9.72	9.48	9.42
31	15.16	---	10.44	10.46	---	10.69	---	9.70	---	9.66	9.45	---
MAX	20.87	15.00	18.73	14.68	10.79	12.70	17.91	21.31	10.69	13.38	---	10.98
MIN	9.83	9.99	9.98	10.37	10.03	10.01	10.05	9.70	9.59	9.63	---	9.31

07378745 ALLIGATOR BAYOU NEAR KLEINPETER, LA

LOCATION.--Lat 30°19'17", 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 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 September 2000 (elevations only).

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 elevation, 6.34 ft, Dec. 22, 1999; minimum, 3.59 ft, Dec. 16, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.34 ft, Dec. 22; minimum elevation, 3.59 ft, Dec. 16.

ELEVATION, FEET, WATER YEAR NOVEMBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			5.15	5.58	---	5.03	5.19	4.88	4.49	4.67	4.49	4.34
2			5.17	5.62	---	5.03	5.21	4.87	4.48	4.82	4.48	4.32
3			5.18	4.89	4.94	5.04	5.00	4.93	4.47	4.89	4.47	4.30
4			5.18	4.53	4.98	5.02	5.09	4.97	4.46	4.89	4.46	4.28
5			5.19	4.73	4.97	5.01	5.15	4.95	4.47	4.88	4.45	4.26
6			5.17	5.58	4.96	5.01	4.99	4.93	4.48	4.86	4.43	4.24
7			5.17	5.72	4.95	5.01	5.06	4.92	4.46	4.84	4.42	4.22
8		4.17	5.17	5.76	4.93	5.01	5.06	4.91	4.44	4.82	4.40	4.26
9		4.99	5.18	5.54	4.87	5.01	5.05	4.89	4.43	4.81	4.40	4.35
10		5.14	5.17	4.92	4.94	5.01	5.05	4.88	4.42	4.82	4.41	4.43
11		5.16	5.17	4.66	4.96	5.01	5.05	4.86	4.40	4.80	4.57	4.47
12		5.16	5.20	5.11	4.96	5.00	5.07	4.85	4.38	4.78	4.59	4.50
13		5.15	5.26	4.79	4.99	5.00	4.79	4.82	4.37	4.76	4.59	4.59
14		5.15	5.26	5.18	4.98	4.99	4.92	4.79	4.38	4.74	4.58	4.64
15		5.14	5.25	5.16	4.98	5.03	5.00	4.77	4.41	4.71	4.57	4.65
16		5.13	4.66	5.11	4.98	5.13	5.00	4.76	4.41	4.69	4.56	4.63
17		5.12	4.81	5.02	4.98	5.15	5.00	4.74	4.43	4.67	4.54	4.60
18		5.12	5.18	---	4.99	5.19	4.99	4.72	4.44	4.65	4.52	4.59
19		5.11	5.50	---	4.97	5.34	4.98	4.71	4.45	4.63	4.50	4.57
20		5.12	5.68	---	4.95	5.47	4.98	4.69	4.53	4.61	4.48	4.57
21		5.12	6.11	---	4.95	5.50	4.95	4.68	4.60	4.59	4.47	4.57
22		5.11	6.19	---	4.94	5.47	4.94	4.67	4.62	4.57	4.45	4.61
23		5.12	5.88	---	4.94	5.47	4.93	4.66	4.62	4.59	4.45	4.63
24		5.21	5.52	---	4.93	5.47	4.96	4.65	4.61	4.61	4.44	4.62
25		5.28	5.23	---	4.93	5.43	4.95	4.63	4.59	4.60	4.43	4.60
26		5.31	5.89	---	4.95	5.40	4.95	4.61	4.58	4.58	4.41	4.57
27		5.32	5.33	---	5.00	5.15	4.94	4.59	4.58	4.57	4.40	4.55
28		5.32	4.55	---	5.01	5.11	4.92	4.58	4.58	4.55	4.39	4.53
29		4.82	5.18	---	5.02	5.29	4.90	4.55	4.59	4.53	4.37	4.51
30		5.04	4.65	---	---	5.25	4.89	4.53	4.60	4.52	4.36	4.50
31		---	5.45	---	---	5.09	---	4.51	---	4.51	4.34	---
MAX		5.32	6.19	---	---	5.50	5.21	4.97	4.62	4.89	4.59	4.65
MIN		4.17	4.55	---	---	4.99	4.79	4.51	4.37	4.51	4.34	4.22

MISSISSIPPI RIVER DELTA

07378746 BAYOU MANCHAC AT ALLIGATOR BAYOU NEAR KLEINPETER, LA
(formerly 07380090 Alligator Bayou near Prairieville, La.)

LOCATION.--Lat 30°19'17", 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 (elevations only).

REVISIONS.--Daily values, maximum and minimum values reported for water year 1998 have been revised.

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

REMARKS.--Gage is tide affected and affected by lock on Alligator Bayou. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 11.36 ft (revised), Jan. 12, 1998; minimum, 0.39 ft (revised), Dec. 16, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.87 ft, Oct. 9; minimum elevation, not determined..

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.51	---	---	---	---	---	---	---	1.40	1.51	.72	.72
2	1.53	---	---	---	---	---	---	---	1.34	2.92	.71	.72
3	1.54	---	---	---	---	---	---	---	1.16	1.81	.71	.75
4	1.65	---	---	---	---	---	---	---	1.08	1.23	.70	.85
5	1.69	---	---	---	---	---	---	---	1.05	1.05	.69	.81
6	1.65	---	---	---	---	---	---	---	1.06	.95	.68	1.03
7	1.96	---	---	---	---	---	---	---	1.06	.90	.68	1.52
8	2.74	---	---	---	---	---	---	1.52	1.11	.89	.68	1.99
9	6.45	---	---	---	---	---	---	1.25	1.28	.88	.66	2.28
10	6.23	---	---	---	---	---	---	1.08	1.50	.88	.90	2.23
11	5.00	---	---	---	---	---	---	1.01	1.52	.87	3.88	1.77
12	4.10	---	---	---	---	---	---	1.01	1.33	.86	2.11	1.86
13	3.29	---	---	---	---	---	---	1.00	1.12	.84	.99	1.71
14	2.72	---	---	---	---	---	---	1.07	1.05	.84	.72	1.69
15	---	---	---	---	---	---	---	1.13	1.12	.83	.69	1.42
16	---	---	---	---	---	---	---	1.13	1.39	.82	.65	1.25
17	---	---	---	---	---	---	---	1.14	1.37	.81	.64	1.58
18	---	---	---	---	---	---	---	1.25	1.43	.81	.63	1.66
19	---	---	---	---	---	---	---	1.25	1.35	.80	.62	1.51
20	---	---	---	---	---	---	---	1.15	1.41	.79	.61	1.34
21	---	---	---	---	---	---	---	1.10	1.44	.78	.61	1.32
22	---	---	---	---	---	---	---	1.04	1.00	.77	.64	1.58
23	---	---	---	---	---	---	---	1.04	.97	1.26	.88	1.56
24	---	---	---	---	---	---	---	1.04	.96	.80	.91	1.26
25	---	---	---	---	---	---	---	1.04	.95	.78	.81	1.03
26	---	---	---	---	---	---	---	1.04	.94	.77	.70	.93
27	---	---	---	---	---	---	---	1.04	.96	.76	.68	.94
28	---	---	---	---	---	---	---	1.04	.96	.75	.68	.95
29	---	---	---	---	---	---	---	1.04	.93	.75	.69	1.14
30	---	---	---	---	---	---	---	1.03	.92	.74	.70	1.44
31	---	---	---	---	---	---	---	1.12	---	.73	.70	---
MAX	---	---	---	---	---	---	---	---	1.52	2.92	3.88	2.28
MIN	---	---	---	---	---	---	---	---	.92	.73	.61	.72

[illegible]

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	306	286	295	368	340	350	424	350	388
2	---	---	---	343	304	321	378	349	363	432	404	415
3	---	---	---	428	343	375	388	235	351	425	403	411
4	362	345	354	493	421	471	438	352	397	464	419	441
5	403	350	365	485	415	450	352	300	329	684	126	494
6	398	369	387	452	409	429	330	295	312	247	148	180
7	420	396	409	430	397	422	401	329	365	273	201	234
8	433	420	426	446	387	425	402	343	363	404	273	311
9	444	407	432	461	426	438	403	342	375	382	332	341
10	477	383	450	462	439	450	390	364	379	391	350	379
11	531	477	515	468	135	389	415	385	400	409	384	391
12	535	360	518	414	349	381	430	329	409	446	408	424
13	523	391	498	360	335	347	396	184	270	509	443	472
14	538	482	493	451	359	392	359	330	338	525	489	514
15	640	538	601	403	140	314	403	350	367	514	493	502
16	615	599	606	274	157	191	403	342	369	519	480	502
17	657	595	634	257	204	227	371	351	361	497	468	483
18	597	538	562	308	185	264	385	348	368	487	475	481
19	707	541	662	258	173	206	380	347	362	482	469	476
20	735	707	723	252	204	223	383	351	364	576	479	515
21	854	703	736	309	252	281	462	380	401	618	576	599
22	852	627	786	343	309	328	590	462	515	640	614	625
23	804	750	783	352	335	342	661	337	602	631	580	599
24	789	740	771	360	345	351	405	196	256	588	377	506
25	740	626	681	385	352	367	255	203	223	492	395	445
26	626	94	531	618	275	377	300	255	280	512	425	485
27	368	190	236	551	186	289	322	285	302	555	458	513
28	269	198	239	245	195	218	334	317	324	570	412	527
29	286	263	271	295	245	273	366	334	350	512	340	471
30	---	---	---	329	293	311	387	366	375	463	340	423
31	---	---	---	353	320	340	---	---	---	558	459	509
MONTH	---	---	---	618	135	338	661	184	361	684	126	453
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	592	458	545	222	94	176	501	469	491	555	407	510
2	598	394	521	152	117	131	504	466	479	407	356	372
3	617	405	509	173	152	163	467	390	422	364	349	357
4	505	437	456	197	173	183	469	102	376	399	353	369
5	474	252	382	212	197	206	498	123	385	437	399	416
6	592	365	477	---	---	---	505	474	495	459	436	449
7	660	519	616	---	---	---	524	459	503	467	434	448
8	540	448	464	---	---	---	513	467	500	499	322	434
9	504	394	444	---	---	---	512	492	503	531	144	380
10	564	408	446	---	---	---	511	64	446	204	125	172
11	592	346	535	---	---	---	204	137	165	256	204	240
12	346	328	337	---	---	---	284	202	249	289	208	271
13	328	301	317	---	---	---	346	283	312	336	171	296
14	304	139	272	---	---	---	462	346	401	265	103	173
15	263	74	213	---	---	---	554	462	514	209	145	169
16	274	152	238	---	---	---	580	516	549	251	209	235
17	298	122	264	---	---	---	590	562	580	294	247	265
18	285	147	250	---	---	---	625	553	589	342	277	297
19	268	208	249	---	---	---	682	625	649	330	289	300
20	280	140	231	---	---	---	673	640	658	369	306	324
21	267	155	176	---	---	---	695	651	669	368	209	319
22	161	135	148	---	---	---	739	600	706	400	233	340
23	202	157	174	---	---	---	790	731	775	380	319	357
24	228	194	201	---	---	---	763	269	467	319	301	306
25	255	210	230	---	---	---	276	262	268	311	298	305
26	232	203	220	---	---	---	315	276	298	354	294	308
27	223	169	203	377	331	348	372	308	335	453	354	430
28	285	164	225	394	349	366	409	353	386	452	428	441
29	270	220	244	397	353	368	408	372	386	450	418	438
30	275	196	259	499	379	444	463	369	394	438	401	416
31	---	---	---	501	453	477	590	463	522	---	---	---
MONTH	660	74	328	---	---	---	790	64	467	555	103	338

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.0	19.6	22.4	21.1	18.6	19.9	---	---	---	17.2	13.9	15.3
2	26.8	22.9	24.8	20.0	16.1	18.0	---	---	---	21.6	14.6	17.1
3	27.0	23.5	24.9	18.0	12.9	15.4	---	---	---	21.5	18.2	19.4
4	27.1	23.8	25.6	17.9	12.1	15.0	21.9	17.6	19.4	20.5	14.8	17.9
5	25.8	22.5	24.3	19.7	13.5	16.6	19.8	15.7	18.1	14.8	11.8	13.3
6	24.6	19.9	22.4	20.5	14.6	17.4	15.8	12.3	14.2	13.5	10.0	11.7
7	25.3	21.9	23.4	20.8	14.5	17.6	14.0	9.6	11.8	14.2	11.1	12.6
8	25.9	24.0	24.6	21.3	15.2	18.2	16.2	10.9	13.3	15.8	11.7	13.7
9	24.4	23.7	24.0	21.8	15.9	18.8	18.3	14.4	16.2	17.7	15.8	16.7
10	24.8	23.7	24.2	23.0	17.8	20.3	16.9	14.1	15.4	19.3	16.6	18.1
11	26.4	24.0	24.9	23.5	18.3	20.8	15.7	12.3	14.1	18.6	15.2	16.6
12	27.1	23.7	25.3	21.7	16.8	19.2	19.5	14.5	17.0	21.8	15.9	17.7
13	27.7	24.1	25.7	21.4	15.7	18.4	18.7	16.2	17.8	---	---	---
14	27.3	23.4	25.4	21.9	16.9	18.9	17.4	13.9	15.7	---	---	---
15	27.2	23.2	25.1	20.5	15.8	17.9	15.5	11.4	14.0	---	---	---
16	27.1	22.4	24.8	18.8	13.6	16.1	13.6	8.5	10.9	---	---	---
17	27.0	22.6	24.8	18.4	12.9	15.4	14.7	8.8	11.7	---	---	---
18	24.8	21.2	23.2	17.5	12.3	15.1	13.6	11.9	12.7	---	---	---
19	23.5	20.3	21.9	19.9	13.7	16.5	12.9	12.2	12.6	---	---	---
20	22.6	18.3	20.2	---	---	---	13.2	12.1	12.5	---	---	---
21	21.7	16.3	19.0	---	---	---	12.2	11.1	11.8	---	---	---
22	21.8	15.8	18.8	---	---	---	11.6	10.0	10.7	---	---	---
23	21.5	17.0	19.2	---	---	---	12.1	9.4	10.5	---	---	---
24	19.5	14.4	17.0	---	---	---	12.3	8.5	10.3	---	---	---
25	19.4	13.4	16.3	---	---	---	11.4	8.4	10.0	---	---	---
26	20.4	14.1	17.0	---	---	---	11.3	7.5	9.4	---	---	---
27	21.6	15.3	18.2	---	---	---	13.3	9.1	10.8	---	---	---
28	22.3	16.4	19.1	---	---	---	12.3	8.9	10.5	---	---	---
29	22.5	16.9	19.7	---	---	---	12.6	7.9	10.2	---	---	---
30	24.5	19.8	21.9	---	---	---	14.6	8.5	11.4	---	---	---
31	23.0	20.6	22.0	---	---	---	17.1	11.7	14.0	---	---	---
MONTH	27.7	13.4	22.3	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	24.2	18.4	20.9	23.4	20.6	22.1	28.2	21.8	24.9
2	---	---	---	25.7	20.3	22.4	25.2	21.6	23.2	29.4	22.0	24.9
3	---	---	---	24.4	20.2	21.8	23.5	20.9	21.9	26.9	23.4	25.0
4	15.8	10.3	12.5	23.5	16.6	19.8	22.9	18.2	20.3	30.0	22.5	25.8
5	15.2	8.6	11.2	23.6	15.0	19.0	25.2	16.0	20.0	28.0	21.2	25.2
6	14.1	7.6	10.5	24.6	15.9	19.9	24.3	16.8	20.1	24.0	21.4	22.7
7	14.5	9.1	11.4	25.6	17.8	21.1	26.9	18.0	21.8	28.0	23.1	25.1
8	17.4	12.4	14.5	27.0	19.4	22.3	25.9	19.3	21.9	30.2	23.3	26.3
9	18.5	11.8	15.0	27.0	21.0	23.4	24.8	15.5	19.6	32.2	24.2	27.6
10	20.2	13.5	16.4	27.0	21.8	23.9	21.3	15.8	18.5	33.4	25.5	28.9
11	20.3	16.4	18.2	22.9	18.7	21.1	25.6	17.8	21.0	33.8	26.4	29.6
12	24.0	17.8	20.4	22.1	15.8	18.6	23.7	20.0	21.8	34.4	26.8	30.0
13	22.8	19.1	20.0	23.2	14.4	18.3	21.9	20.0	20.6	33.6	26.6	29.6
14	23.3	18.4	20.2	21.8	16.0	18.6	23.0	18.6	20.4	32.4	23.9	27.9
15	23.3	17.0	19.6	19.5	17.9	18.6	27.6	18.7	22.5	31.6	22.8	26.8
16	23.9	18.9	20.8	22.7	18.9	20.4	28.5	20.0	24.1	31.3	23.3	27.0
17	25.1	19.0	21.5	24.5	18.7	21.1	30.5	21.6	25.3	31.2	24.6	27.6
18	25.4	20.6	22.7	22.0	19.5	20.4	30.9	21.2	25.7	32.6	25.7	28.7
19	23.7	18.0	21.4	19.9	17.1	18.9	31.9	23.4	26.9	33.1	26.7	29.4
20	21.0	13.9	17.1	20.8	15.1	17.8	30.0	23.8	26.5	29.9	27.5	28.7
21	20.3	13.2	16.4	23.4	15.5	19.0	30.2	22.1	25.7	31.7	25.9	28.4
22	21.5	13.4	17.0	26.3	18.1	21.6	29.9	20.2	24.5	32.6	26.3	29.2
23	22.9	16.0	18.8	27.5	19.0	22.8	27.0	21.2	23.4	33.4	26.7	29.7
24	23.5	18.9	20.8	28.0	20.1	23.4	26.4	20.7	22.7	34.2	27.5	30.4
25	23.9	18.8	21.2	27.7	20.5	23.8	26.1	20.2	22.9	34.2	28.2	30.8
26	24.8	16.3	21.1	25.2	21.0	22.9	27.6	19.6	23.4	34.1	28.4	30.9
27	20.4	17.3	18.8	23.2	19.9	21.6	27.5	20.3	23.9	33.6	28.1	30.6
28	21.2	15.0	17.8	24.6	18.4	21.4	30.3	22.6	25.6	33.7	28.6	30.9
29	21.5	15.1	18.2	25.5	20.7	22.7	30.0	21.3	25.2	34.3	28.4	31.1
30	---	---	---	26.9	22.1	23.7	30.5	21.7	25.6	33.2	27.1	30.1
31	---	---	---	28.2	19.2	23.1	---	---	---	31.7	27.0	29.4
MONTH	---	---	---	28.2	14.4	21.1	31.9	15.5	22.9	34.4	21.2	28.2

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	32.1	26.7	29.4	29.4	26.2	27.9	32.2	27.8	29.8	33.1	28.4	30.6
2	32.1	27.5	29.8	27.0	25.5	26.3	32.4	27.2	29.6	33.5	29.3	31.4
3	32.5	27.4	29.8	30.0	25.7	27.5	30.5	28.0	29.0	33.5	29.6	31.5
4	31.9	27.7	29.7	31.2	27.0	29.0	34.3	26.6	29.4	33.7	30.2	31.8
5	29.8	25.6	27.6	32.3	27.4	29.7	34.4	27.6	30.5	33.4	29.9	31.5
6	30.8	25.6	27.8	---	---	---	35.6	28.4	31.6	31.0	28.3	29.4
7	32.1	24.1	27.8	---	---	---	34.5	29.2	31.7	28.3	26.0	26.9
8	32.0	25.0	28.5	---	---	---	33.9	28.9	31.2	27.0	25.9	26.4
9	32.0	27.3	29.3	---	---	---	35.4	28.4	31.5	26.1	25.3	25.7
10	31.9	27.1	29.2	---	---	---	34.7	25.6	30.7	26.9	25.0	25.9
11	32.0	26.6	29.1	---	---	---	27.8	26.0	26.8	29.0	25.3	27.0
12	30.7	26.7	28.9	---	---	---	31.0	27.0	28.6	29.9	26.4	28.1
13	32.2	27.0	29.3	---	---	---	31.5	26.4	28.8	30.9	26.9	28.6
14	31.8	27.7	29.3	---	---	---	31.0	26.8	28.8	29.8	27.3	28.4
15	31.8	26.5	28.6	---	---	---	31.7	27.0	29.1	30.6	27.0	28.7
16	28.6	26.9	27.7	---	---	---	33.6	28.2	30.6	28.9	24.6	26.9
17	28.3	26.0	27.0	---	---	---	34.0	28.8	31.2	27.9	22.4	25.3
18	30.3	26.6	27.9	---	---	---	33.5	28.9	31.1	28.4	22.7	25.4
19	29.7	27.0	28.4	---	---	---	33.2	28.7	30.8	28.9	23.4	25.7
20	28.6	27.0	27.9	---	---	---	33.5	29.0	31.1	30.6	25.9	27.9
21	30.6	27.5	28.9	---	---	---	32.9	29.0	30.9	29.2	27.1	28.1
22	31.8	27.7	29.5	---	---	---	31.9	28.5	29.9	28.2	26.6	27.2
23	32.6	28.9	30.6	---	---	---	31.7	27.4	29.4	30.8	26.7	28.5
24	32.5	29.8	31.2	---	---	---	31.8	27.7	29.7	32.1	27.8	29.8
25	33.2	30.0	31.6	---	---	---	32.7	27.7	30.0	30.0	24.3	27.9
26	31.9	29.7	30.6	---	---	---	33.8	28.9	31.1	24.3	20.7	22.0
27	30.5	28.2	29.4	33.7	27.3	30.5	33.8	29.1	31.4	24.0	18.9	21.2
28	31.3	27.7	29.5	35.3	27.2	30.7	33.2	29.8	31.4	24.9	20.0	22.1
29	31.0	29.1	30.1	33.9	28.0	30.9	32.5	29.3	30.9	25.5	20.6	22.7
30	30.6	28.9	29.6	33.6	28.5	30.9	33.0	28.9	30.8	26.4	20.0	23.0
31	---	---	---	33.0	28.6	30.5	33.0	29.4	30.9	---	---	---
MONTH	33.2	24.1	29.1	---	---	---	35.6	25.6	30.3	33.7	18.9	27.2

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	IRON, DIS-SOLVED (UG/L AS Fe) (01046)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg) (00925)	MANGANESE, DIS-SOLVED (MG/L AS Mn) (01056)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)
OCT 28...	1025	412	7.8	21.0	--	98	28.4	90	6.60	109	48.1	3.1
NOV 04...	1030	337	7.3	14.6	--	92	26.6	70	6.10	235	28.6	2.7
DEC 01...	1030	--	7.4	--	--	78	22.7	30	5.17	220	90.9	2.7
14...	1100	229	6.7	15.4	4.2	51	15.8	100	2.87	242	24.0	2.7
JAN 18...	0830	360	7.4	15.4	4.8	97	28.4	60	6.30	274	35.9	2.5
31...	1230	261	7.5	15.5	--	74	21.6	120	4.89	170	22.3	1.9
FEB 07...	1000	426	7.9	10.5	8.3	95	27.5	80	6.36	149	55.9	2.2
26...	1945	196	7.6	16.5	--	37	11.2	80	2.20	96	25.9	1.5
MAR 07...	1100	420	7.4	21.2	6.8	99	28.3	60	6.82	347	53.8	2.7
13...	0700	341	7.5	14.2	3.2	63	18.3	140	4.13	236	48.2	2.3
20...	1100	206	7.2	18.3	4.9	56	17.1	190	3.22	182	16.8	2.5
27...	0800	362	7.7	24.9	4.6	58	17.1	90	3.68	128	51.5	2.5
APR 03...	0900	--	7.7	20.5	4.7	72	21.4	60	4.58	134	36.3	2.5
10...	0745	381	7.6	15.9	4.1	89	26.1	60	5.66	100	45.4	2.5
17...	0745	361	6.6	21.6	--	78	22.8	120	5.05	170	41.6	2.6
24...	0845	237	8.2	21.4	3.6	34	10.6	120	1.94	126	21.5	3.0
MAY 02...	1000	410	7.6	22.6	5.2	73	21.0	120	4.94	110	59.4	2.8
08...	0900	282	7.2	24.3	2.7	71	21.3	160	4.41	432	28.5	3.3
22...	0915	658	7.7	27.9	7.4	91	25.3	60	6.67	19	101	2.1
30...	0900	573	7.7	27.1	4.1	74	20.4	50	5.59	9	97.3	2.8
JUN 09...	1000	629	8.2	28.0	--	59	15.7	60	4.68	11	111	2.4
15...	0930	339	7.7	--	--	54	16.0	80	3.40	25	54.3	2.8
19...	0900	394	7.5	27.2	2.0	54	16.4	160	3.22	37	58.6	2.8
26...	0900	249	7.5	29.6	2.7	57	17.8	70	3.13	42	29.0	2.3
JUL 05...	0915	301	7.3	27.2	2.5	75	22.6	150	4.60	92	27.9	2.8
10...	0900	427	7.7	27.9	2.6	84	24.7	70	5.44	40	61.1	3.1
17...	0915	415	7.8	30.0	4.4	63	18.1	80	4.33	32	75.5	2.4
24...	0815	215	6.9	23.9	.6	40	12.7	130	2.00	251	17.6	4.4
31...	0800	484	7.5	--	--	69	20.6	60	4.19	51	72.6	3.4
AUG 21...	0900	655	7.3	29.1	2.8	200	50.1	20	17.6	96	69.5	2.1
SEP 08...	1045	361	7.8	26.3	2.7	74	22.4	60	4.36	30	48.5	4.1

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
OCT												
28...	115	21.9	.2	48.1	.111	1.0	.71	<.050	.183	.082	.058	2.9
NOV												
04...	82	19.2	.1	54.8	.315	1.2	1.0	.187	.324	.090	.062	18.1
DEC												
01...	108	124	.2	9.7	.488	1.2	.90	.414	.246	.112	.085	8.6
14...	65	19.6	<.1	14.5	.281	.95	.72	.265	.313	.168	.150	8.8
JAN												
18...	115	15.6	.2	37.7	.397	1.4	1.0	.230	.288	.076	.063	15.4
31...	71	13.9	.2	30.1	.278	1.1	.76	.309	.215	.065	.037	13.2
FEB												
07...	137	--	.2	32.5	.338	.97	.93	.309	.201	.064	.050	15.4
26...	55	17.1	.1	9.8	.212	2.8	.66	.280	.604	.103	.077	4.0
MAR												
07...	138	36.2	.1	25.8	.295	1.2	1.0	.398	.354	.148	.106	14.6
13...	133	15.9	.2	13.6	.528	1.5	1.2	.327	.452	.264	.259	11.4
20...	60	13.1	.2	14.6	.324	1.2	.94	.361	.315	.189	.162	10.5
27...	124	30.1	.2	9.4	.589	1.7	1.3	.259	.488	.259	.233	9.9
APR												
03...	100	17.3	.2	19.5	.401	1.5	1.1	.661	.457	.203	.178	12.3
10...	122	28.6	.2	25.5	.075	.86	.70	.760	.279	.115	.084	11.0
17...	102	32.5	.2	21.1	.070	.65	.60	.453	.276	.192	.177	8.5
24...	62	9.1	.2	7.7	.666	2.2	1.4	.714	.516	.259	.208	6.9
MAY												
02...	162	22.0	.2	11.4	.136	.98	.76	.411	.449	.312	.278	9.0
08...	70	22.9	.1	27.2	.517	1.4	1.2	.487	.565	.378	.314	13.6
22...	183	80.6	.3	--	.026	.78	.67	<.050	.509	.430	.379	9.4
30...	227	36.0	.4	7.9	<.020	.82	.72	<.050	.920	.907	.810	10.9
JUN												
09...	229	56.2	.4	6.4	<.020	.79	.67	<.050	1.10	1.02	.959	4.7
15...	129	20.2	.2	7.2	.022	.73	.63	<.050	.713	.669	.598	5.3
19...	148	21.8	.2	8.4	.541	1.4	1.4	.075	.914	.856	.795	13.2
26...	91	11.8	.2	8.2	.040	.67	.48	.077	.600	.509	.468	5.4
JUL												
05...	75	15.3	.2	40.5	.268	.98	.91	.299	.464	.330	.303	14.3
10...	151	18.8	.2	36.6	.057	.77	.76	.092	.458	.401	.373	12.0
17...	189	22.5	.3	7.0	.025	.90	.78	<.050	1.10	1.06	.980	4.2
24...	51	11.5	.1	11.9	.257	1.5	1.1	.770	.610	.551	.464	6.0
31...	144	53.5	<.1	12.9	.051	1.3	.67	.066	.513	.404	.334	11.8
AUG												
21...	319	18.0	.2	11.4	<.020	.38	.36	<.050	.270	.267	.222	21.7
SEP												
08...	140	17.9	.2	9.9	.321	1.7	1.2	.580	.623	.521	.437	13.9

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L) (34506)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L) (34511)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L) (34496)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L) (34501)	1,1-DI- CHLORO- PRO- PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO- PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2- DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)
OCT												
28...	250	--	--	3.6	E.1	--	--	--	--	--	--	--
NOV												
04...	221	--	--	1.4	.1	--	--	--	--	--	--	--
DEC												
01...	338	--	--	1.0	E.2	<.06	<.12	<.13	<.08	<.05	<.3	<.07
14...	137	--	--	1.4	E.2	<.06	<.12	<.13	<.08	<.05	<.3	<.07
JAN												
18...	231	K1200	--	2.5	.3	<.06	<.12	<.13	<.08	<.05	<.3	<.07
31...	174	--	--	.1	<.1	<.03	<.06	<.07	<.04	<.03	<.2	<.04
FEB												
07...	252	K290	K490	1.3	.1	<.03	<.06	<.07	<.04	<.03	<.2	<.04
26...	124	--	--	4.3	.4	<.06	<.12	<.13	<.08	<.05	<.3	<.07
MAR												
07...	272	--	--	1.4	.1	--	--	--	--	--	--	--
13...	213	--	--	2.2	.2	--	--	--	--	--	--	--
20...	139	--	--	2.9	.3	--	--	--	--	--	--	--
27...	206	K10000	--	3.7	.6	<.03	<.06	<.07	<.04	<.03	<.2	<.04
APR												
03...	194	--	--	1.3	.2	<.06	<.12	<.13	<.08	<.05	<.3	<.07
10...	239	1700	--	.8	.1	--	--	--	--	--	--	--
17...	223	--	--	E1.4	.2	<.06	<.12	<.13	<.08	<.05	<.3	<.07
24...	113	--	--	5.7	.7	<.03	<.06	<.07	<.04	<.03	<.2	<.04
MAY												
02...	246	--	--	E.4	.2	--	--	--	--	--	--	--
08...	192	2200	--	2.2	.2	--	--	--	--	--	--	--
22...	374	--	--	1.1	.1	--	--	--	--	--	--	--
30...	343	--	--	1.5	.2	--	--	--	--	--	--	--
JUN												
09...	371	--	--	--	--	--	--	--	--	--	--	--
15...	205	--	--	2.5	.3	--	--	--	--	--	--	--
19...	237	--	--	1.4	.2	--	--	--	--	--	--	--
26...	153	4600	--	--	--	<.03	<.06	<.07	<.04	<.03	<.2	<.04
JUL												
05...	207	--	--	--	--	--	--	--	--	--	--	--
10...	270	--	--	--	--	--	--	--	--	--	--	--
17...	269	K400	--	--	--	--	--	--	--	--	--	--
24...	120	--	--	--	--	--	--	--	--	--	--	--
31...	284	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	399	K800	--	1.3	.2	<.03	<.06	<.07	<.04	<.03	<.2	<.04
SEP												
08...	238	--	--	--	--	<.06	<.12	<.13	<.08	<.05	<.3	<.07

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	1,2-DI- CHLORO- PROPANE (UG/L) (34541)	TRANS- 1,2-DI- CHLORO- ETHENE (UG/L) (34546)	2,2-DI- CHLORO- PRO- PANE WAT, WH (UG/L) (77170)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U (UG/L) (38746)	2BUTENE TRANS-1 4-DI- CHLORO UNFLTRD (UG/L) (73547)	2-HEXA- NONE WATER WHOLE (UG/L) (77103)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U (UG/L) (49308)	ACETONE WATER WHOLE (UG/L) (81552)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U (UG/L) (49315)	ACRYLO- NITRILE TOTAL (UG/L) (34215)	ALDI- CARB SULFONE WAT,FLT GF 0.7U (UG/L) (49313)
OCT 28...	--	--	--	.36	<.05	--	--	<.06	--	<.06	--	<.16
NOV 04...	--	--	--	.15	<.05	--	--	<.06	--	<.06	--	<.16
DEC 01...	<.14	<.06	<.10	E.05	<.05	<1.4	<1.4	<.06	<14	<.06	<2	<.16
14...	<.14	<.06	<.10	.11	<.05	<1.4	<1.4	<.06	E5	<.06	<2	<.16
JAN 18...	<.14	<.06	<.10	<.08	<.05	<1.4	<1.4	<.06	E2	<.06	<2	<.16
31...	<.07	<.03	<.05	--	--	<.7	<.7	--	<.7	--	<1	--
FEB 07...	<.07	<.03	<.05	.19	<.05	<.7	<.7	<.06	E2	<.06	<1	<.16
26...	<.14	<.06	<.10	<.08	<.05	<1.4	<1.4	<.06	E6	<.06	<2	<.16
MAR 07...	--	--	--	.24	<.05	--	--	<.06	--	<.06	--	<.16
13...	--	--	--	E1.93	<.05	--	--	<.06	--	<.06	--	<.16
20...	--	--	--	.18	<.05	--	--	<.06	--	<.06	--	<.16
27...	<.07	<.03	<.05	E2.98	<.05	<.7	<.7	<.06	E5	<.06	<1	<.16
APR 03...	<.14	<.06	<.10	.22	<.05	<1.4	<1.4	<.06	<14	<.06	<2	<.16
10...	--	--	--	.65	<.05	--	--	<.06	--	<.06	--	<.16
17...	<.14	<.06	<.10	.28	<.05	<1.4	<1.4	<.06	<14	<.06	<2	<.16
24...	<.07	<.03	<.05	E4.09	<.05	<.7	<.7	<.06	10	<.06	<1	<.16
MAY 02...	--	--	--	.25	<.05	--	--	<.06	--	<.06	--	<.16
08...	--	--	--	.25	<.05	--	--	E.01	--	<.06	--	<.16
22...	--	--	--	<.08	<.05	--	--	<.06	--	<.06	--	<.16
30...	--	--	--	.50	<.05	--	--	<.06	--	<.06	--	<.16
JUN 09...	--	--	--	.09	<.05	--	--	<.06	--	<.06	--	<.16
15...	--	--	--	1.00	<.05	--	--	<.06	--	<.06	--	<.16
19...	--	--	--	E2.48	<.05	--	--	<.06	--	<.06	--	<.16
26...	<.07	<.03	<.05	.15	<.05	<.7	<.7	<.06	<.7	<.06	<1	<.16
JUL 05...	--	--	--	.13	<.05	--	--	<.06	--	<.06	--	<.16
10...	--	--	--	<.08	<.05	--	--	<.06	--	<.06	--	<.16
17...	--	--	--	.43	<.05	--	--	<.06	--	<.06	--	<.16
24...	--	--	--	E1.18	<.05	--	--	<.06	--	<.06	--	<.16
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	<.07	<.03	<.05	.11	<.05	<.7	<.7	<.06	<.7	<.06	<1	<.16
SEP 08...	<.14	<.06	<.10	<.08	<.05	<1.4	<1.4	<.06	15	<.06	<2	<.16

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALDICA- RB SUL- FOXIDE, WAT, FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	1,2,3- TRI- CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4- TRI- CHLORO- WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34571)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)
OCT												
28...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
NOV												
04...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
DEC												
01...	<.03	<.08	<.02	<.5	<.2	<.4	<.11	<.09	<.11	E.11	<.06	<.4
14...	<.03	<.08	<.02	<.5	<.2	<.4	<.11	<.09	<.11	E.04	<.06	<.4
JAN												
18...	<.03	<.08	<.02	<.5	<.2	<.4	<.11	<.09	<.11	E.04	<.06	<.4
31...	--	--	--	<.3	<.1	<.2	<.06	<.04	<.05	E.03	<.03	<.2
FEB												
07...	--	<.08	<.02	<.3	<.1	<.2	<.06	<.04	<.05	E.02	<.03	<.2
26...	<.03	<.08	<.02	<.5	<.2	<.4	<.11	<.09	<.11	<.10	<.06	<.4
MAR												
07...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
13...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
20...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
27...	<.03	<.08	<.02	<.3	<.1	<.2	<.06	<.04	<.05	E.02	<.03	<.2
APR												
03...	<.03	<.08	<.02	<.5	<.2	<.4	<.11	<.09	<.11	<.10	<.06	<.4
10...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
17...	<.03	<.08	<.02	<.5	<.2	<.4	<.11	<.09	<.11	<.10	<.06	<.4
24...	<.03	<.08	<.02	<.3	<.1	<.2	E.05	E.02	<.05	E.03	<.03	<.2
MAY												
02...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
08...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
22...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
30...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
JUN												
09...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
15...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
19...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
26...	<.03	<.08	<.02	<.3	<.1	<.2	<.06	<.04	<.05	E.02	<.03	<.2
JUL												
05...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
10...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
17...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
24...	<.03	<.08	<.02	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	<.03	<.08	<.02	<.3	<.1	<.2	<.06	<.04	<.05	<.05	<.03	<.2
SEP												
08...	<.03	<.08	<.02	<.5	<.2	<.4	<.11	<.09	<.11	<.10	<.06	<.4

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	BENZENE N-PROPYL WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BROMO- BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO- ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO- FORM TOTAL (UG/L) (32104)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBON TETRA- CHLO- RIDE TOTAL (UG/L) (32102)
OCT 28...	--	--	--	--	--	E.04	--	--	--	<.06	<.06	--
NOV 04...	--	--	--	--	--	E.07	--	--	--	<.06	<.06	--
DEC 01...	<.08	<.10	<.06	<.12	<.07	E.04	<.07	<.2	<.12	<.06	<.06	<.12
14...	<.08	<.10	<.06	<.12	<.07	<.08	<.07	<.2	<.12	<.06	<.06	<.12
JAN 18...	<.08	<.10	<.06	<.12	E.01	<.08	<.07	<.2	<.12	<.06	<.06	<.12
31...	<.04	<.05	<.03	<.06	E.01	--	<.04	<.1	<.06	--	--	<.06
FEB 07...	<.04	<.05	<.03	<.06	E.03	E.05	<.04	<.1	<.06	<.06	<.06	<.06
26...	<.08	<.10	<.06	<.12	<.07	<.08	<.07	<.2	<.12	<.06	<.06	<.12
MAR 07...	--	--	--	--	--	E.04	--	--	--	<.06	<.06	--
13...	--	--	--	--	--	.26	--	--	--	<.06	<.06	--
20...	--	--	--	--	--	.28	--	--	--	<.06	<.06	--
27...	<.04	<.05	<.03	<.06	<.04	<.08	<.04	<.1	<.06	<.06	<.06	<.06
APR 03...	<.08	<.10	<.06	<.12	<.07	.35	<.07	<.2	<.12	<.06	<.06	<.12
10...	--	--	--	--	--	.44	--	--	--	<.06	<.06	--
17...	<.08	<.10	<.06	<.12	<.07	.15	<.07	<.2	<.12	<.06	<.06	<.12
24...	<.04	<.05	<.03	<.06	<.04	<.08	<.04	<.1	<.06	<.06	<.06	<.06
MAY 02...	--	--	--	--	--	E.05	--	--	--	<.06	<.06	--
08...	--	--	--	--	--	E.07	--	--	--	<.06	<.06	--
22...	--	--	--	--	--	<.08	--	--	--	<.06	<.06	--
30...	--	--	--	--	--	<.08	--	--	--	<.06	<.06	--
JUN 09...	--	--	--	--	--	<.08	--	--	--	<.06	<.06	--
15...	--	--	--	--	--	.95	--	--	--	<.06	<.06	--
19...	--	--	--	--	--	.89	--	--	--	<.06	<.06	--
26...	<.04	<.05	<.03	<.06	<.04	E.24	<.04	<.1	<.06	<.06	<.06	<.06
JUL 05...	--	--	--	--	--	.22	--	--	--	<.06	<.06	--
10...	--	--	--	--	--	E.07	--	--	--	<.06	<.06	--
17...	--	--	--	--	--	<.08	--	--	--	<.06	<.06	--
24...	--	--	--	--	--	.41	--	--	--	<.06	<.06	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	<.04	<.05	<.03	<.06	<.04	E.01	<.04	<.1	<.06	<.06	<.06	<.06
SEP 08...	<.08	<.10	<.06	<.12	<.07	<.08	<.07	<.2	<.12	<.06	<.06	<.12

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CHLORO- BENZENE TOTAL (UG/L) (34301)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L) (32105)	CHLORO- ETHANE TOTAL (UG/L) (34311)	CHLORO- FORM TOTAL (UG/L) (32106)	CIS-1,2 -DI- CHLORO- ETHENE TOTAL (UG/L) (77093)	CIS 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34704)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DIBROMO CHLORO- PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI- BROMO- METHANE WATER WHOLE RECOVER (UG/L) (30217)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	BROMO- DI- CHLORO- METHANE TOTAL (UG/L) (32101)
OCT												
28...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
NOV												
04...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
DEC												
01...	<.06	<.4	<.2	<.10	<.08	<.18	<.04	<.07	<.4	<.10	<.10	<.10
14...	<.06	<.4	<.2	E.03	<.08	<.18	<.04	<.07	<.4	<.10	<.10	<.10
JAN												
18...	<.06	<.4	<.2	E.02	<.08	<.18	<.04	<.07	<.4	<.10	<.10	<.10
31...	<.03	<.2	<.1	E.02	<.04	<.09	--	--	<.2	<.05	--	<.05
FEB												
07...	<.03	<.2	<.1	E.03	<.04	<.09	<.04	<.07	<.2	<.05	<.10	<.05
26...	<.06	<.4	<.2	<.10	<.08	<.18	<.04	<.07	<.4	<.10	<.10	<.10
MAR												
07...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
13...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
20...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
27...	<.03	<.2	<.1	E.06	<.04	<.09	<.04	<.07	<.2	<.05	<.10	<.05
APR												
03...	<.06	<.4	<.2	<.10	<.08	<.18	<.04	<.07	<.4	<.10	.29	<.10
10...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
17...	<.06	<.4	<.2	<.10	<.08	<.18	<.04	<.07	<.4	<.10	<.10	<.10
24...	<.03	<.2	<.1	E.04	<.04	<.09	<.04	<.07	<.2	<.05	E.07	<.05
MAY												
02...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
08...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
22...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
30...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
JUN												
09...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
15...	--	--	--	--	--	--	<.04	<.07	--	--	.49	--
19...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
26...	<.03	<.2	<.1	<.05	<.04	<.09	<.04	<.07	<.2	<.05	<.10	<.05
JUL												
05...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
10...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
17...	--	--	--	--	--	--	<.04	<.07	--	--	<.10	--
24...	--	--	--	--	--	--	<.04	<.07	--	--	.29	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	<.03	<.2	<.1	<.05	<.04	<.09	<.04	<.07	<.2	<.05	<.10	<.05
SEP												
08...	<.06	<.4	<.2	E.17	<.08	<.18	<.04	<.07	<.4	<.10	<.10	<.10

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2-TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL METHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)
OCT 28...	--	<.05	--	<.04	<.08	--	--	--	--	--	--	--
NOV 04...	--	<.05	--	<.04	<.08	--	--	--	--	--	--	--
DEC 01...	<.5	<.05	<.2	<.04	<.08	<.06	<.18	<.4	<.3	<.11	<.2	<.06
14...	<.5	<.05	<.2	<.04	.36	<.06	<.18	<.4	<.3	<.11	<.2	<.06
JAN 18...	<.5	<.05	<.2	<.04	.09	<.06	<.18	<.4	<.3	<.11	<.2	<.06
31...	<.3	--	<.1	--	--	<.03	<.09	<.2	<.2	<.05	<.1	<.03
FEB 07...	<.3	<.05	<.1	<.04	E.07	<.03	<.09	<.2	<.2	<.05	<.1	E.01
26...	<.5	<.05	<.2	<.04	.08	<.06	<.18	<.4	<.3	<.11	<.2	<.06
MAR 07...	--	<.05	--	<.04	.40	--	--	--	--	--	--	--
13...	--	<.05	--	<.04	.47	--	--	--	--	--	--	--
20...	--	<.05	--	<.04	.31	--	--	--	--	--	--	--
27...	<.3	<.05	<.1	<.04	E.07	<.03	<.09	<.2	<.2	<.05	<.1	<.03
APR 03...	<.5	<.05	<.2	<.04	.14	<.06	<.18	<.4	<.3	<.11	<.2	<.06
10...	--	<.05	--	<.04	E.08	--	--	--	--	--	--	--
17...	<.5	<.05	<.2	<.04	.09	<.06	<.18	<.4	<.3	<.11	<.2	<.06
24...	<.3	<.05	<.1	<.04	E.08	<.03	<.09	<.2	<.2	<.05	<.1	E.01
MAY 02...	--	<.05	--	<.04	.23	--	--	--	--	--	--	--
08...	--	<.05	--	<.04	.21	--	--	--	--	--	--	--
22...	--	<.05	--	<.04	.13	--	--	--	--	--	--	--
30...	--	<.05	--	<.04	E.08	--	--	--	--	--	--	--
JUN 09...	--	<.05	--	<.04	E.03	--	--	--	--	--	--	--
15...	--	<.05	--	<.04	E.02	--	--	--	--	--	--	--
19...	--	<.05	--	<.04	<.08	--	--	--	--	--	--	--
26...	<.3	<.05	<.1	<.04	E.05	<.03	<.09	<.2	<.2	<.05	<.1	<.03
JUL 05...	--	<.05	--	<.04	E.03	--	--	--	--	--	--	--
10...	--	<.05	--	<.04	E.02	--	--	--	--	--	--	--
17...	--	<.05	--	<.04	<.08	--	--	--	--	--	--	--
24...	--	<.05	--	<.04	.11	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	<.3	<.05	<.1	<.04	E.03	<.03	<.09	<.2	<.2	<.05	<.1	<.03
SEP 08...	<.5	<.05	<.2	<.04	E.06	<.06	<.18	<.4	<.3	<.11	<.2	<.06

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FREON- 113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA- HYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	ISO- DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHAC- RYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC- RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH- ACRYLO- NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)
OCT												
28...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
NOV												
04...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
DEC												
01...	<.07	<.06	<.12	<4	<.3	<.4	<.07	<.06	<.06	<.4	<.7	<1.2
14...	<.07	<.06	<.12	<4	<.3	<.4	<.07	<.06	<.06	<.4	<.7	<1.2
JAN												
18...	<.07	<.06	<.12	<4	<.3	<.4	<.07	<.06	<.06	<.4	<.7	<1.2
31...	--	--	<.06	<2	<.1	<.2	--	--	--	<.2	<.3	<.6
FEB												
07...	<.07	<.06	<.06	<2	<.1	<.2	<.07	<.06	<.06	<.2	<.3	<.6
26...	<.07	<.06	<.12	<4	<.3	<.4	<.07	<.06	<.06	<.4	<.7	<1.2
MAR												
07...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
13...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
20...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
27...	<.07	<.06	<.06	<2	<.1	<.2	<.07	<.06	<.06	<.2	<.3	<.6
APR												
03...	<.07	<.06	<.12	<4	<.3	<.4	<.07	<.06	<.06	<.4	<.7	<1.2
10...	<.07	M	--	--	--	--	<.07	<.06	<.06	--	--	--
17...	<.07	<.06	<.12	<4	<.3	<.4	<.07	<.06	<.06	<.4	<.7	<1.2
24...	<.07	<.06	<.06	<2	<.1	M	<.07	<.06	<.06	<.2	<.3	<.6
MAY												
02...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
08...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
22...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
30...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
JUN												
09...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
15...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
19...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
26...	<.07	<.06	<.06	<2	<.1	<.2	<.07	<.06	<.06	<.2	<.3	<.6
JUL												
05...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
10...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
17...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
24...	<.07	<.06	--	--	--	--	<.07	<.06	<.06	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	<.07	<.06	<.06	<2	<.1	<.2	<.07	<.06	<.06	<.2	<.3	<.6
SEP												
08...	<.07	<.06	<.12	<4	<.3	<.4	<.07	<.06	<.06	<.4	<.7	<1.2

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	METHANE BROMO- CHLORO- WAT UNFLTRD REC (UG/L) (77297)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL ACRY- LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT- BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL- BROMIDE TOTAL (UG/L) (34413)	METHYL- CHLO- RIDE TOTAL (UG/L) (34418)	METHYL- ENE CHLO- RIDE TOTAL (UG/L) (34423)	METHYL- ETHYL- KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO- BUTYL KETONE WAT. WH. TOTAL (UG/L) (78133)	META/ PARA- XYLENE WATER UNFLTRD REC (UG/L) (85795)
OCT												
28...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
NOV												
04...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
DEC												
01...	<.09	<.08	<.08	<3	<.2	<.3	<.5	<1.0	<.8	<3	<.7	<.12
14...	<.09	<.08	<.08	<3	<.2	<.3	<.5	<1.0	<.8	<3	<.7	<.12
JAN												
18...	<.09	<.08	<.08	<3	<.2	<.3	<.5	<1.0	<.8	<3	<.7	<.12
31...	<.04	--	--	<1	<.1	<.2	<.3	E.1	M	<2	E.1	<.06
FEB												
07...	<.04	<.08	<.08	<1	<.1	M	<.3	<.5	<.4	<2	E.1	E.03
26...	<.09	M	<.08	<3	<.2	<.3	<.5	<1.0	E.3	<3	<.7	<.12
MAR												
07...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
13...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
20...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
27...	<.04	<.08	<.08	<1	<.1	M	<.3	E.1	<.4	E1	E.1	<.06
APR												
03...	<.09	<.08	<.08	<3	<.2	<.3	<.5	<1.0	<.8	<3	<.7	<.12
10...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
17...	<.09	<.08	<.08	<3	<.2	<.3	<.5	<1.0	<.8	<3	<.7	<.12
24...	<.04	<.08	<.08	<1	<.1	<.2	<.3	<.5	<.4	E1	E.2	E.05
MAY												
02...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
08...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
22...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
30...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
JUN												
09...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
15...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
19...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
26...	<.04	<.08	<.08	<1	<.1	<.2	<.3	<.5	<.4	<2	<.4	<.06
JUL												
05...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
10...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
17...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
24...	--	<.08	<.08	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	<.04	<.08	<.08	<1	<.1	<.2	<.3	<.5	<.4	<2	<.4	<.06
SEP												
08...	<.09	<.08	E.01	<3	<.2	<.3	<.5	<1.0	<.8	E5	E.4	<.12

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NAPHTH- ALENE TOTAL (UG/L) (34696)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O- CHLORO- TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	O- XYLENE WATER WHOLE TOTAL (UG/L) (77135)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	P-ISO- PROPYL- TOLUENE WATER WHOLE REC (UG/L) (77356)	1,3-DI- CHLORO- PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3- CHLORO- WATER UNFLTRD RECOVER (UG/L) (78109)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
OCT												
28...	--	<.07	<.08	--	<.07	<.02	--	.20	--	--	--	<.07
NOV												
04...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
DEC												
01...	<.5	<.07	<.08	<.08	<.07	<.02	<.08	<.07	<.14	<.2	<.4	<.07
14...	<.5	<.07	<.08	<.08	<.07	<.02	<.08	<.07	<.14	<.2	<.4	<.07
JAN												
18...	<.5	<.07	<.08	<.08	<.07	<.02	<.08	<.07	<.14	<.2	<.4	<.07
31...	<.2	--	--	<.04	--	--	<.04	--	E.01	<.1	<.2	--
FEB												
07...	<.2	<.07	<.08	<.04	<.07	<.02	<.04	<.07	<.07	<.1	<.2	<.07
26...	<.5	<.07	<.08	<.08	<.07	<.02	<.08	<.07	<.14	<.2	<.4	<.07
MAR												
07...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
13...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
20...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
27...	<.2	<.07	<.08	<.04	<.07	<.02	<.04	<.07	E.04	<.1	<.2	<.07
APR												
03...	<.5	<.07	<.08	<.08	<.07	<.02	<.08	<.07	<.14	<.2	<.4	<.07
10...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
17...	<.5	<.07	<.08	<.08	<.07	<.02	<.08	<.07	<.14	<.2	<.4	<.07
24...	<.2	<.07	<.08	<.04	<.07	<.02	E.02	<.07	.23	<.1	<.2	<.07
MAY												
02...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
08...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
22...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
30...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
JUN												
09...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
15...	--	<.07	<.08	--	<.07	<.02	--	.47	--	--	--	<.07
19...	--	<.07	<.08	--	<.07	<.02	--	E1.23	--	--	--	<.07
26...	<.2	<.07	<.08	<.04	<.07	<.02	<.04	<.07	<.07	<.1	<.2	<.07
JUL												
05...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
10...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
17...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
24...	--	<.07	<.08	--	<.07	<.02	--	<.07	--	--	--	<.07
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	<.2	<.07	<.08	<.04	<.07	<.02	<.04	<.07	E.01	<.1	<.2	<.07
SEP												
08...	<.5	<.07	<.08	<.08	<.07	<.02	<.08	<.07	1.43	<.2	<.4	<.07

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	STYRENE TOTAL (UG/L) (77128)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS- 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34699)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L) (39180)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L) (34488)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	VINYL CHLO- RIDE TOTAL (UG/L) (39175)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
OCT												
28...	<.06	--	--	--	--	--	--	--	--	<.10	--	11
NOV												
04...	<.06	--	--	--	--	--	--	--	--	<.10	--	10
DEC												
01...	E.01	<.08	M	<.12	<.12	E.08	<.18	<.08	<.18	<.10	<.2	5.9
14...	<.06	<.08	M	<.12	<.12	E.05	<.18	<.08	<.18	<.10	<.2	7.0
JAN												
18...	<.06	<.08	<.2	<.12	<.12	E.05	<.18	<.08	<.18	<.10	<.2	12
31...	--	<.04	<.1	<.06	<.06	E.08	<.09	<.04	<.09	--	<.1	9.4
FEB												
07...	<.06	<.04	<.1	<.06	<.06	E.05	<.09	<.04	<.09	<.10	<.1	8.7
26...	<.06	<.08	<.2	<.12	<.12	1.29	<.18	<.08	<.18	<.10	<.2	6.2
MAR												
07...	E.01	--	--	--	--	--	--	--	--	<.10	--	12
13...	M	--	--	--	--	--	--	--	--	.33	--	8.8
20...	M	--	--	--	--	--	--	--	--	.11	--	9.4
27...	<.06	<.04	M	<.06	<.06	.13	<.09	<.04	<.09	<.10	<.1	7.3
APR												
03...	E.01	<.08	<.2	<.12	<.12	E.04	<.18	<.08	<.18	<.10	<.2	12
10...	<.06	--	--	--	--	--	--	--	--	<.10	--	10
17...	<.06	<.08	<.2	<.12	<.12	E.04	<.18	<.08	<.18	<.10	<.2	9.7
24...	<.06	<.04	<.1	E.01	<.06	.72	<.09	<.04	<.09	<.10	<.1	10
MAY												
02...	<.06	--	--	--	--	--	--	--	--	E.06	--	8.7
08...	E.01	--	--	--	--	--	--	--	--	<.10	--	11
22...	<.06	--	--	--	--	--	--	--	--	<.10	--	10
30...	<.06	--	--	--	--	--	--	--	--	<.10	--	10
JUN												
09...	<.06	--	--	--	--	--	--	--	--	<.10	--	9.5
15...	<.06	--	--	--	--	--	--	--	--	<.10	--	11
19...	<.06	--	--	--	--	--	--	--	--	<.10	--	9.0
26...	<.06	<.04	<.1	<.06	<.06	E.05	<.09	<.04	<.09	<.10	<.1	7.7
JUL												
05...	<.06	--	--	--	--	--	--	--	--	<.10	--	11
10...	<.06	--	--	--	--	--	--	--	--	<.10	--	11
17...	<.06	--	--	--	--	--	--	--	--	<.10	--	9.7
24...	E.04	--	--	--	--	--	--	--	--	.16	--	10
31...	--	--	--	--	--	--	--	--	--	--	--	9.7
AUG												
21...	<.06	<.04	<.1	<.06	<.06	E.05	<.09	<.04	<.09	<.10	<.1	6.4
SEP												
08...	<.06	<.08	<.2	<.12	<.12	3.48	<.18	<.08	<.18	<.10	<.2	15

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)
OCT												
28...	1.2	<.003	<.002	<.002	<.002	E.002	<.002	<.002	<.003	<.003	<.004	<.004
NOV												
04...	1.6	<.003	<.002	<.002	<.002	.126	<.002	<.002	E.011	<.003	.015	<.004
DEC												
01...	.5	<.003	<.002	<.002	<.002	.143	<.002	<.002	E.019	<.003	.006	<.004
14...	1.3	<.003	<.002	<.002	<.002	.415	<.002	<.002	E.014	<.003	.016	<.004
JAN												
18...	1.2	<.003	<.002	<.002	<.002	.189	<.002	<.002	E.006	<.003	.007	<.004
31...	1.7	--	--	--	--	--	--	--	--	--	--	--
FEB												
07...	1.5	<.003	<.002	<.002	<.002	.144	<.002	<.002	<.007	<.003	.007	<.004
26...	>4.0	<.003	<.002	<.002	<.002	.525	<.002	<.002	<.003	<.11	.021	<.004
MAR												
07...	1.6	<.003	<.002	<.002	<.002	2.14	<.002	<.002	E.018	<.003	.007	<.004
13...	1.4	<.003	<.002	<.002	<.002	2.15	<.002	<.002	E.078	<.003	.011	<.004
20...	1.9	<.003	<.002	<.002	<.002	3.18	<.002	<.002	E.24	<.003	.011	<.004
27...	2.7	<.003	<.002	<.002	<.002	2.22	<.002	<.002	E.030	<.003	.012	<.004
APR												
03...	3.5	<.003	<.002	<.002	<.002	1.55	<.002	<.002	--	<.003	E.006	<.004
10...	1.0	<.003	<.002	<.002	<.002	1.91	<.002	<.002	E.14	<.003	.006	<.004
17...	.5	<.003	.032	<.002	<.002	2.68	<.002	<.002	E.088	<.003	.008	<.004
24...	3.3	<.003	<.002	<.002	<.002	3.11	<.002	<.002	E.48	<.003	.016	<.004
MAY												
02...	.7	<.003	<.002	<.002	<.002	.933	<.002	<.002	E.083	<.003	.008	<.004
08...	1.5	<.003	<.002	<.002	<.002	1.34	<.002	<.002	E.23	<.003	.014	<.004
22...	.3	<.003	<.002	<.002	<.002	.552	<.002	<.002	<.003	<.003	.008	<.004
30...	.2	<.003	<.002	<.002	<.002	.428	<.002	<.002	<.003	<.003	E.003	<.004
JUN												
09...	.4	<.003	<.002	<.002	<.002	.294	<.002	<.002	<.003	<.003	.006	<.004
15...	.3	<.003	<.002	<.002	<.002	.808	<.002	<.002	E.051	<.003	.010	<.004
19...	.3	<.003	<.002	<.002	<.002	.259	<.002	<.002	E.034	<.003	E.006	<.004
26...	.4	<.003	<.002	<.002	<.002	.169	<.002	<.002	<.003	<.003	E.004	<.004
JUL												
05...	.3	<.003	<.002	<.002	<.002	.318	<.002	<.002	E.016	<.003	.007	<.004
10...	.2	<.003	<.002	<.002	<.002	.207	<.002	<.002	<.003	<.003	.005	<.004
17...	.3	<.003	<.002	<.002	<.002	.184	<.002	<.002	<.003	<.003	<.004	<.004
24...	1.0	<.003	<.002	<.002	<.002	.104	<.002	<.002	E.32	<.003	.022	<.004
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	.4	<.003	<.002	<.002	<.002	.030	<.002	<.002	<.003	<.003	E.003	<.004
SEP												
08...	.7	<.003	<.002	<.002	<.002	.047	<.002	<.002	<.009	<.003	<.004	<.004

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DISS- SOLVED (UG/L) (39572)	DI- ELDRIN DISS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DISS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THON, DISS- SOLVED (UG/L) (39532)
OCT												
28...	<.002	E.004	.005	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
NOV												
04...	<.002	E.011	.196	<.001	<.017	.004	<.004	<.003	<.003	<.004	<.002	<.020
DEC												
01...	<.002	E.016	.091	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
14...	<.002	E.029	.082	<.001	<.017	.007	<.004	<.003	<.003	<.004	<.002	<.015
JAN												
18...	<.002	E.026	.021	<.001	<.017	<.005	<.004	<.003	<.003	<.004	<.002	<.005
31...	--	--	--	--	--	--	--	--	--	--	--	--
FEB												
07...	<.002	E.024	.029	<.001	<.017	<.005	<.004	<.003	<.003	<.004	<.002	<.005
26...	<.002	E.053	.022	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
MAR												
07...	<.002	E.097	.099	<.001	<.017	<.002	<.004	.030	<.003	<.004	<.002	<.005
13...	<.002	E.10	.132	<.001	<.017	.008	<.004	.124	<.003	<.004	<.002	<.005
20...	<.002	E.15	.394	<.001	<.017	.009	<.004	.029	<.003	<.004	<.002	<.020
27...	<.002	E.17	.381	<.001	<.017	.014	<.004	<.035	<.003	<.004	<.002	.045
APR												
03...	<.002	E.10	.079	--	<.017	.005	<.004	<.003	<.003	<.004	<.002	<.015
10...	<.002	E.11	.126	<.001	<.017	.005	<.004	<.003	<.003	<.004	<.002	<.005
17...	<.002	E.15	.176	<.001	<.017	.004	<.004	<.003	<.003	<.004	<.002	<.005
24...	<.002	E.16	.400	<.001	<.017	.038	<.004	<.003	<.003	<.004	<.002	.073
MAY												
02...	<.002	E.096	.059	<.001	<.017	.012	<.004	<.003	<.003	<.004	<.002	<.005
08...	E.001	E.11	.327	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	.009
22...	<.002	E.062	.026	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
30...	<.002	E.057	.027	<.001	<.017	.009	<.004	<.003	<.003	<.004	<.002	<.005
JUN												
09...	<.002	E.053	.018	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
15...	<.002	E.071	.093	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.020
19...	<.002	E.050	.275	<.001	<.017	.024	<.004	<.003	<.003	<.004	<.002	<.005
26...	<.002	E.031	.061	<.001	<.017	.008	<.004	<.003	<.003	<.004	<.002	<.005
JUL												
05...	<.002	E.020	.127	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
10...	<.002	E.021	.032	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
17...	<.002	E.026	<.002	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
24...	<.002	E.015	.498	<.001	<.017	<.010	<.004	<.003	<.003	<.004	<.002	.048
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	<.002	E.003	<.070	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005
SEP												
08...	<.002	<.007	<.020	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	.033

MISSISSIPPI RIVER DELTA

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P, P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
OCT												
28...	<.001	<.006	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
NOV												
04...	<.001	<.006	.007	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
DEC												
01...	<.001	<.006	.017	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
14...	<.001	<.006	.013	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
JAN												
18...	<.001	<.006	.009	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
31...	--	--	--	--	--	--	--	--	--	--	--	--
FEB												
07...	<.001	<.006	.008	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
26...	<.001	<.006	<.002	<.020	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
MAR												
07...	<.001	<.006	.010	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
13...	<.001	<.006	.046	.012	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
20...	<.001	<.006	.046	<.004	<.004	<.003	E.002	<.004	<.004	<.011	<.005	<.002
27...	<.001	<.006	.029	<.004	<.004	<.003	<.006	<.004	<.004	.036	<.005	<.002
APR												
03...	<.001	<.006	.022	<.013	<.004	<.003	<.006	<.004	<.004	.256	<.005	<.002
10...	<.001	<.006	.029	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
17...	<.001	<.006	.046	<.004	<.004	<.003	<.006	<.004	<.004	<.015	<.005	<.002
24...	<.001	<.006	.032	<.004	.021	<.003	<.006	<.004	<.004	<.015	<.005	<.002
MAY												
02...	<.001	<.006	.009	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
08...	<.001	<.006	.020	.010	<.004	<.003	<.006	<.004	<.004	.013	<.005	<.002
22...	<.001	<.006	.008	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
30...	<.001	<.006	.005	<.004	<.004	<.003	<.010	<.004	<.004	<.025	<.005	<.002
JUN												
09...	<.001	<.006	.006	<.004	<.004	<.003	<.006	<.004	<.004	.010	<.005	<.002
15...	<.001	<.006	.017	<.004	<.004	<.003	<.006	<.004	<.004	<.020	<.005	<.002
19...	<.001	<.006	.011	<.004	<.004	.015	<.006	<.004	<.004	<.015	<.005	<.002
26...	<.001	<.006	.007	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
JUL												
05...	<.001	<.006	.014	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
10...	<.001	<.006	.008	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
17...	<.001	<.006	.006	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
24...	<.001	<.006	.019	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
21...	<.001	<.006	.005	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002
SEP												
08...	<.001	<.006	.010	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002

07379960 DAWSON CREEK AT BLUEBONNET BLVD. AT BATON ROUGE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT 28...	E.003	<.003	<.007	<.004	<.013	E.002	<.010	<.007	<.013	<.002	<.001	<.002
NOV 04...	E.015	<.003	<.007	<.004	<.013	.084	<.010	<.007	<.013	<.002	<.001	<.002
DEC 01...	.021	<.003	<.007	<.004	<.013	.118	<.010	<.007	<.013	<.002	<.001	<.002
14...	E.013	<.003	<.007	<.004	<.013	.243	<.010	<.007	<.013	<.002	<.001	<.002
JAN 18...	E.009	<.003	<.007	<.004	<.013	.032	.014	<.007	<.013	<.002	<.001	<.002
31...	--	--	--	--	--	--	--	--	--	--	--	--
FEB 07...	E.010	<.003	<.007	<.004	<.013	.025	.011	<.007	<.013	<.002	<.001	<.002
26...	E25.1	<.003	<.007	<.004	<.013	.044	E.042	<.007	<.013	<.002	<.001	E.002
MAR 07...	.069	<.003	<.007	<.004	<.013	.201	.023	<.007	<.013	<.002	<.001	E.003
13...	.033	<.003	<.007	<.004	<.013	.147	<.010	<.007	<.013	<.002	<.001	E.004
20...	.044	<.003	<.007	<.004	<.013	.171	.086	<.020	<.013	<.002	<.001	E.001
27...	.073	<.003	<.007	<.015	<.013	.525	<.010	<.007	<.013	<.002	<.001	<.002
APR 03...	.105	<.003	<.007	<.004	<.013	.064	E.057	<.007	<.013	<.002	<.001	.005
10...	.026	<.003	<.007	<.004	<.013	.108	<.020	<.007	<.013	<.002	<.001	<.002
17...	.021	<.003	<.007	<.004	<.013	.258	<.010	<.007	<.013	<.002	<.001	<.002
24...	E.015	<.003	<.007	<.004	<.013	.262	<.010	<.007	<.013	<.002	<.001	E.001
MAY 02...	.026	<.003	<.007	<.004	<.013	.206	<.010	<.007	<.013	<.002	<.001	<.002
08...	.022	<.008	<.007	<.004	<.013	.079	.077	<.007	<.013	<.002	<.001	<.002
22...	E.014	<.010	<.007	<.004	<.013	.032	<.010	<.007	<.013	<.002	<.001	<.002
30...	E.014	<.003	<.007	<.004	<.013	.013	<.015	<.007	<.013	<.002	<.001	E.002
JUN 09...	E.014	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
15...	.253	<.003	<.007	<.004	<.013	.114	<.020	<.007	<.013	<.002	<.001	<.002
19...	.133	<.003	<.007	<.004	<.013	.031	<.010	<.007	<.013	<.002	<.001	<.002
26...	.025	<.003	<.007	<.004	<.013	.010	.053	E.017	<.013	<.002	<.001	<.002
JUL 05...	.069	<.003	<.007	<.004	<.013	.015	E.098	<.007	<.013	<.002	<.001	<.002
10...	.051	<.003	<.007	<.004	<.013	<.005	.039	<.007	<.013	<.002	<.001	<.002
17...	.024	<.003	<.007	<.004	<.013	<.005	.024	<.007	<.013	<.002	<.001	<.002
24...	.188	<.003	<.007	<.004	<.013	<.010	.034	<.007	<.013	<.002	<.001	<.002
31...	--	--	--	--	--	--	--	--	--	--	--	--
AUG 21...	.023	<.003	<.007	<.004	<.013	.030	E.020	<.007	<.013	<.002	<.001	<.002
SEP 08...	<.018	<.050	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002

E Estimated value.

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

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

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

M Presence of material verified but not quantified.

MISSISSIPPI RIVER DELTA

07380101 BAYOU MANCHAC NEAR LITTLE PRAIRIE, LA

LOCATION.--Lat 30°20'25", long 90°55'02", in sec. 39, T. 8 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070202, 4.6 mi northwest of Port Vincent, and 3.0 mi downstream from Clay Cut Bayou, on the right bank 1,000 ft upstream from mouth of Muddy Creek.

DRAINAGE AREA.--152 mi².

PERIOD OF RECORD.--June 1989 to current year (elevations only).

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

REMARKS.--Gage is tide affected. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 16.83 ft, Jan. 28, 1990 from floodmark; minimum, 0.41 ft, May 20, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.57 ft, Oct. 9; minimum elevation, 0.81 ft, July 21, 22.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.49	2.75	1.92	1.17	1.50	1.70	2.06	1.97	2.27	1.94	1.52	1.82
2	2.48	2.01	2.10	1.33	1.48	1.53	2.34	2.08	2.19	1.99	1.57	1.62
3	2.53	1.35	2.27	1.68	1.38	1.53	2.22	2.24	1.93	1.96	1.68	1.77
4	2.63	1.22	2.55	2.32	1.23	1.26	1.64	2.40	1.70	2.08	1.62	2.08
5	2.67	1.62	2.36	1.70	1.16	1.22	1.71	2.54	1.58	2.05	1.51	1.92
6	2.67	1.67	1.76	1.62	1.14	1.47	1.77	3.80	1.42	1.89	1.28	2.26
7	3.00	1.61	1.72	1.57	1.16	1.67	1.49	3.04	1.69	1.66	1.56	2.75
8	3.60	1.57	1.99	1.54	1.16	1.87	1.49	2.33	1.97	---	1.83	3.20
9	5.33	1.85	2.25	1.68	1.16	1.73	1.17	2.12	2.18	---	1.72	3.29
10	5.08	2.16	1.96	1.91	1.11	1.62	1.31	1.89	2.41	1.46	1.58	3.07
11	4.15	2.16	1.99	1.88	1.16	1.66	1.54	1.75	2.44	1.36	2.44	2.87
12	3.25	2.03	2.19	1.67	1.25	1.29	1.86	1.74	2.26	1.19	1.80	2.94
13	2.80	2.03	1.98	1.55	1.38	1.45	1.87	1.67	2.04	1.10	1.80	2.71
14	2.57	1.98	1.54	1.53	1.46	1.80	1.78	1.61	1.91	1.02	1.93	2.47
15	2.45	1.65	1.34	1.92	1.61	2.31	2.22	1.84	1.95	.93	1.87	2.21
16	2.44	1.45	1.18	1.83	1.81	2.57	2.41	1.71	2.06	.87	1.54	2.39
17	2.30	1.58	1.27	1.56	1.65	2.29	1.72	1.87	2.24	.87	1.32	2.72
18	2.04	1.79	2.78	1.50	1.70	2.23	1.31	2.11	2.34	.85	1.23	2.79
19	1.98	2.10	2.73	1.41	1.54	2.46	1.43	2.09	2.29	.84	1.25	2.61
20	1.90	2.06	2.49	1.32	1.49	1.86	1.54	1.99	2.21	.82	1.09	2.43
21	1.77	2.00	4.30	1.26	1.50	1.77	1.34	1.82	2.03	.82	1.03	2.40
22	1.71	2.23	3.37	1.44	1.53	1.83	1.18	1.56	1.65	.86	1.64	2.63
23	1.51	2.42	2.55	1.72	1.93	1.64	1.58	1.42	1.38	1.31	2.19	2.61
24	1.40	2.31	1.97	1.68	1.98	1.81	1.87	1.24	1.39	1.00	2.18	2.31
25	1.71	2.07	1.60	1.42	2.03	1.74	1.37	1.17	1.35	1.22	2.08	1.94
26	1.68	1.76	1.32	1.25	2.16	1.61	1.29	1.31	1.64	1.40	1.91	1.38
27	1.64	1.68	1.15	1.34	1.97	1.53	1.39	1.57	1.76	1.53	1.85	1.50
28	1.62	1.64	1.10	2.22	1.78	1.42	1.22	1.36	1.78	1.63	1.66	1.86
29	1.83	1.50	1.07	2.41	1.86	1.71	1.21	1.14	1.61	1.54	1.48	2.17
30	2.43	1.47	1.06	1.86	---	1.85	1.68	1.24	1.44	1.46	1.17	2.48
31	3.09	---	1.09	1.55	---	1.62	---	1.91	---	1.42	1.58	---
MAX	5.33	2.75	4.30	2.41	2.16	2.57	2.41	3.80	2.44	---	2.44	3.29
MIN	1.40	1.22	1.06	1.17	1.11	1.22	1.17	1.14	1.35	---	1.03	1.38

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 sea level. Prior to Oct. 25, 1983, operated by Corps of Engineers, same site and location.

REMARKS.--No estimated daily discharges. Records poor. Satellite telemetry and rain gage at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation, 14.65 ft, Apr. 9, 1983; minimum elevation, -1.04 ft, Jan. 19, 1977.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 69,500 ft³/s, Jan. 28, 1990; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 12,600 ft³/s, May 6; maximum elevation, 4.07 ft, Oct. 9; maximum negative discharge, -1,860 ft³/s, Aug. 10; minimum elevation, -0.08 ft, Dec. 29, July 14.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	448	2700	-181	730	501	659	380	417	181	2390	366	511
2	493	1950	71	594	534	588	602	421	559	1570	320	639
3	326	839	-25	1060	638	623	829	707	654	761	314	205
4	460	423	-226	2960	598	718	1240	859	569	922	456	486
5	318	425	653	1900	560	287	3320	1260	701	654	960	216
6	303	444	501	2360	503	340	---	7510	447	786	257	54
7	-295	427	245	1740	448	187	---	4700	287	852	233	110
8	761	406	113	996	483	465	---	1190	248	1000	379	447
9	7470	382	469	874	499	674	---	1060	99	776	428	1200
10	8410	482	648	1830	481	535	---	1120	37	1010	697	1210
11	5660	604	-43	2590	557	737	---	880	104	917	2890	771
12	2220	594	392	1510	556	590	---	962	487	770	1340	1110
13	1200	393	825	965	662	519	---	995	527	943	783	1160
14	790	605	556	639	751	517	---	697	410	923	629	1260
15	768	650	667	578	500	268	---	558	575	592	690	1230
16	614	389	454	789	659	955	---	628	983	787	916	663
17	779	326	217	561	---	764	---	360	331	744	906	479
18	647	202	2490	495	619	783	---	390	613	609	617	434
19	509	291	3910	607	---	1870	---	664	653	627	798	615
20	520	405	2590	638	522	1670	---	522	831	627	564	581
21	157	269	7250	385	---	854	---	651	1030	482	156	475
22	334	85	5300	439	339	1080	---	546	1230	276	125	692
23	377	336	2980	877	266	731	---	801	824	1140	234	733
24	-7.6	968	1900	1010	342	880	---	749	879	599	464	631
25	158	550	1260	649	102	893	---	575	491	371	635	988
26	224	598	799	506	392	888	---	444	677	265	761	396
27	157	375	749	92	1370	1360	---	643	580	210	483	100
28	176	402	702	258	643	997	949	865	925	420	495	192
29	-215	448	537	507	729	793	417	672	997	628	662	219
30	245	7.0	640	621	---	938	505	351	619	492	194	257
31	3600	---	528	581	---	623	---	98	---	408	282	---
TOTAL	37606.4	16975.0	36971	30341	---	23786	---	32295	17548	23551	19034	18064
MEAN	1213	566	1193	979	---	767	---	1042	585	760	614	602

MISSISSIPPI RIVER DELTA

07380120 AMITE RIVER AT PORT VINCENT, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.27	2.36	1.69	.93	1.06	1.37	1.77	1.70	2.00	1.47	1.24	1.46
2	2.27	1.53	1.83	1.09	1.06	1.15	2.06	1.81	1.92	1.47	1.30	1.29
3	2.31	.80	2.00	1.28	.90	1.15	1.94	1.97	1.65	1.60	1.42	1.51
4	2.42	.96	2.28	1.42	.65	.55	1.26	2.13	1.38	1.73	1.35	1.76
5	2.42	1.44	2.10	1.00	.54	.83	1.16	2.27	1.20	1.70	1.18	1.61
6	2.41	1.38	1.37	1.12	.51	1.17	---	2.85	1.08	1.54	1.00	1.94
7	2.74	1.32	1.48	1.10	.62	1.36	---	2.53	1.45	1.26	1.34	2.43
8	3.27	1.31	1.75	1.16	.62	1.56	---	2.05	1.68	1.19	1.57	2.87
9	3.97	1.64	1.98	1.33	.65	1.41	---	1.85	1.87	1.30	1.40	2.95
10	3.94	1.90	1.66	1.35	.53	1.31	---	1.60	2.09	1.20	1.21	2.72
11	3.43	1.90	1.73	1.29	.73	1.25	---	1.47	2.13	.92	1.59	2.54
12	2.82	1.75	1.90	1.14	.82	.84	---	1.45	1.93	.69	1.40	2.57
13	2.47	1.75	1.60	1.06	.98	1.16	---	1.36	1.71	.46	1.50	2.37
14	2.28	1.68	1.16	1.17	1.10	1.52	---	1.35	1.58	.16	1.59	2.11
15	2.18	1.31	.86	1.67	1.32	2.02	---	1.57	1.61	.30	1.44	1.86
16	2.18	1.17	.67	1.32	1.51	2.29	---	1.42	1.70	.54	1.10	2.06
17	2.04	1.38	1.14	1.11	---	2.01	---	1.59	1.91	.63	.93	2.39
18	1.74	1.54	1.92	1.06	1.40	1.93	---	1.84	2.01	.58	.97	2.47
19	1.66	1.83	1.94	.84	---	2.02	---	1.82	1.96	.55	.88	2.29
20	1.53	1.76	1.80	.60	1.12	1.48	---	1.71	1.87	.46	.60	2.11
21	1.47	1.71	2.72	.76	---	1.45	---	1.53	1.67	.45	.90	2.08
22	1.31	1.97	2.42	1.15	1.19	1.50	---	1.24	1.24	.77	1.48	2.29
23	.96	2.16	1.84	1.32	1.62	1.31	---	1.00	1.05	.88	1.88	2.28
24	1.22	2.02	1.28	1.10	1.67	1.51	---	.85	1.02	.68	1.87	1.98
25	1.47	1.77	.94	.61	1.72	1.43	---	.85	1.10	1.00	1.75	1.55
26	1.41	1.41	.71	.22	1.85	1.25	---	1.09	1.34	1.15	1.46	.94
27	1.37	1.41	.32	.90	1.59	1.08	---	1.28	1.43	1.26	1.39	1.27
28	1.37	1.34	.19	1.94	1.46	1.01	.78	.93	1.45	1.34	1.29	1.56
29	1.59	1.16	.03	2.11	1.54	1.41	.96	.61	1.20	1.24	1.00	1.85
30	2.12	1.25	.46	1.43	---	1.54	1.42	1.19	1.08	1.15	.79	2.15
31	2.54	---	.71	1.07	---	1.31	---	1.66	---	1.14	1.36	---
MAX	3.97	2.36	2.72	2.11	---	2.29	---	2.85	2.13	1.73	1.88	2.95
MIN	.96	.80	.03	.22	---	.55	---	.61	1.02	.16	.60	.94

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 current year (elevations only).

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

REMARKS.--Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 8.09 ft, Jan. 10, 1998; minimum recorded, -0.74 ft, Apr. 20, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.68 ft, Dec. 20; minimum elevation, -0.49 ft, Dec. 29.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.45	---	.87	.12	.28	.59	1.01	.92	1.24	.71	.09	.73
2	1.44	---	1.00	.28	.28	.38	1.29	1.02	1.16	.71	.09	.71
3	1.49	---	1.18	.54	.11	.37	1.17	1.20	.89	.84	.11	.68
4	1.54	---	1.46	.80	-.13	-.22	.50	1.35	.61	.98	.13	.67
5	---	---	1.27	.20	-.24	.06	.39	1.49	.43	.95	.13	.66
6	---	---	.56	.32	-.27	.39	.45	2.03	.32	.79	.12	.64
7	---	---	.67	.31	-.17	.59	.33	1.73	.69	.51	.12	.63
8	---	---	.93	.36	-.16	.78	.28	1.26	.91	.44	.14	.76
9	---	---	1.17	.54	-.14	.63	-.06	1.06	1.11	.54	.18	1.54
10	---	1.15	.84	.60	-.26	.53	.24	.82	1.33	.44	.33	1.99
11	---	1.08	.92	.49	-.06	.48	.50	.69	1.36	.17	1.62	1.79
12	---	.93	1.09	.34	.03	.07	.80	.67	1.17	-.06	1.47	1.76
13	---	.93	.80	.27	.19	.39	.78	.59	.94	-.28	1.37	1.84
14	---	.86	.36	.39	.32	.75	.69	.58	.81	-.42	1.30	1.75
15	---	.49	.05	.87	.54	1.26	1.17	.79	.85	-.42	1.25	1.76
16	---	.35	-.13	.52	.71	1.50	1.36	.64	.93	-.22	1.19	1.77
17	---	.56	.34	.31	.55	1.23	.61	.81	1.14	-.11	1.13	1.76
18	---	.73	1.70	.26	.61	1.19	.22	1.06	1.24	-.22	1.08	1.76
19	---	1.01	1.14	.04	.44	1.35	.34	1.04	1.20	-.15	1.02	1.77
20	---	.94	1.43	-.18	.34	.71	.44	.93	1.11	-.17	.96	1.79
21	---	.89	2.38	-.03	.37	.68	.08	.75	.91	-.18	.91	1.85
22	---	1.15	1.61	.35	.41	.73	.14	.46	.49	-.20	.89	1.86
23	---	1.34	1.03	.53	.84	.55	.56	.23	.30	-.06	.97	1.85
24	---	1.47	.47	.31	.89	.74	.76	.08	.27	.06	1.00	1.80
25	---	.96	.14	-.18	.94	.66	.19	.08	.34	.07	.98	1.75
26	---	.60	-.10	-.46	1.07	.49	.20	.32	.58	.06	.94	1.70
27	---	.59	-.44	.11	.81	.32	.31	.52	.67	.06	.90	1.68
28	---	.53	-.46	1.14	.68	.24	.01	.17	.69	.07	.86	1.60
29	---	.35	-.47	1.31	.75	.65	.20	-.14	.44	.08	.80	1.56
30	---	.44	-.34	.64	---	.77	.64	.44	.33	.09	.74	1.49
31	---	---	-.10	.28	---	.55	---	.90	---	.08	.72	---
MAX	---	---	2.38	1.31	1.07	1.50	1.36	2.03	1.36	.98	1.62	1.99
MIN	---	---	-.47	-.46	-.27	-.22	-.06	-.14	.27	-.42	.09	.63

MISSISSIPPI RIVER DELTA

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 sea level.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 4.94 ft, Sept. 12, 1998; minimum recorded, -0.89 ft, Dec. 31, 1997 and Jan. 1, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.04 ft, Oct. 7; minimum elevation, -0.62 ft, Dec. 29.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.26	1.71	1.15	.40	.56	.88	1.29	1.21	1.51	.92	.75	---
2	3.26	.89	1.28	.56	.56	.66	1.58	1.32	1.43	.96	.80	---
3	3.36	.22	1.47	.73	.40	.66	1.46	1.49	1.15	1.11	.92	---
4	3.55	.41	1.74	.74	.15	.05	.74	1.64	.88	1.24	.86	---
5	3.58	.90	1.57	.29	.03	.34	.46	1.77	.69	1.22	.67	---
6	3.55	.84	.84	.46	.00	.67	.56	2.05	.58	1.05	.51	---
7	---	.78	.95	.53	.11	.87	.58	1.90	.95	.77	.85	---
8	---	.77	1.21	.63	.12	1.07	.52	1.54	1.18	.71	1.07	---
9	3.07	1.10	1.45	.81	.15	.92	.20	1.35	1.38	.81	.91	---
10	2.95	1.36	1.13	.78	.03	.82	.51	1.11	1.60	.70	---	---
11	2.62	1.35	1.20	.67	.25	.75	.79	.98	1.63	.43	---	---
12	2.22	1.20	1.37	.58	.33	.34	1.08	.96	1.43	.20	---	---
13	1.91	1.21	1.08	.53	.48	.67	1.06	.87	1.21	-.04	---	1.90
14	1.73	1.13	.64	.65	.60	1.02	.97	.85	1.08	-.33	---	1.63
15	1.63	.78	.33	1.14	.82	1.52	1.46	1.07	1.12	-.18	---	1.38
16	1.63	---	.14	.79	1.00	1.80	1.65	.92	1.21	.05	---	1.57
17	1.49	---	.62	.60	.84	1.52	.89	1.09	1.42	.14	---	1.89
18	1.19	---	1.27	.55	.90	1.44	.50	1.35	1.51	.10	---	1.98
19	1.11	---	1.22	.33	.72	1.50	.62	1.33	1.47	.06	---	1.80
20	.98	---	1.15	.09	.62	.93	.73	1.21	1.38	-.04	---	1.63
21	.92	---	1.73	.23	.64	.94	.35	1.04	1.17	-.05	---	1.60
22	.76	---	1.55	.64	.68	1.00	.42	.74	.73	.29	---	1.81
23	.42	---	1.16	.80	1.12	.83	.85	.51	.56	.36	---	1.80
24	.68	1.53	.67	.55	1.17	1.02	1.03	.35	.53	.19	---	1.50
25	.93	---	.36	.08	1.22	.95	.46	.35	.61	.51	---	---
26	.87	---	.16	-.31	1.35	.77	.49	.60	.85	.66	---	.44
27	.83	---	-.23	.37	1.07	.57	.60	.78	.94	.77	---	.79
28	.82	---	-.36	1.42	.96	.52	.29	.42	.95	.85	---	1.09
29	1.05	---	-.50	1.61	1.04	.93	.48	.12	.70	.75	---	1.37
30	1.55	.71	-.07	.92	---	1.05	.93	.70	.59	.65	---	1.68
31	1.86	---	.19	.56	---	.83	---	1.15	---	.65	---	---
MAX	---	---	1.74	1.61	1.35	1.80	1.65	2.05	1.63	1.24	---	---
MIN	---	---	-.50	-.31	.00	.05	.20	.12	.53	-.33	---	---

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 1998 to current year (gage heights only).

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

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, 5.37 ft, Sept. 12, 1998; minimum, 0.03 ft, Dec. 29, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.77 ft, Oct. 9; minimum gage height, 0.03 ft, Dec. 29.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.41	2.25	1.79	1.04	1.18	1.53	1.97	1.89	2.18	---	1.45	1.67
2	2.40	1.34	1.92	1.20	1.18	1.31	2.25	1.99	2.07	---	1.50	1.51
3	2.47	.85	2.13	1.39	1.04	1.32	2.12	2.18	1.81	---	1.62	1.73
4	2.57	1.10	2.40	1.21	.77	.68	1.31	2.32	1.55	---	1.55	1.95
5	2.54	1.58	2.19	.70	.64	.99	.94	2.46	1.35	---	1.35	1.80
6	2.53	1.53	1.45	.94	.64	1.32	1.08	2.60	1.22	---	1.20	2.09
7	2.94	1.47	1.59	1.10	.76	1.53	1.23	2.47	1.59	---	1.54	2.66
8	3.55	1.46	1.85	1.25	.76	1.72	1.04	2.18	1.82	---	1.76	3.15
9	3.60	---	2.09	1.47	.80	1.59	.83	2.02	2.07	---	1.60	3.13
10	3.23	---	1.76	1.40	.70	1.50	1.18	1.77	---	---	1.39	2.83
11	2.86	1.96	1.83	1.22	.89	1.35	1.45	1.66	---	---	1.58	2.70
12	2.68	---	2.02	1.20	.99	.97	1.73	1.65	---	---	1.55	2.72
13	2.46	---	1.72	1.14	1.16	1.30	1.70	1.51	1.83	---	1.67	2.48
14	2.35	---	1.29	1.23	1.26	1.65	1.63	1.48	1.76	---	1.78	2.24
15	2.28	---	.96	1.77	1.47	2.21	2.15	1.70	1.75	---	1.64	1.99
16	2.30	---	.78	1.42	1.63	2.44	2.28	1.58	---	---	1.27	2.22
17	2.14	---	1.27	1.24	1.49	2.12	1.53	1.79	2.07	---	1.11	2.54
18	1.83	1.67	1.78	1.20	1.58	2.08	1.16	2.04	2.18	.66	1.17	2.66
19	1.77	1.94	1.67	1.00	1.35	2.08	1.29	1.99	2.12	.76	1.07	2.42
20	1.60	1.88	1.65	.69	1.24	1.49	1.41	1.89	2.03	.67	.80	2.28
21	1.59	1.84	2.01	.86	1.28	1.57	1.01	1.70	1.83	.66	1.12	2.27
22	1.47	2.09	1.83	1.31	1.34	1.63	1.08	1.41	1.39	1.00	1.68	2.50
23	1.09	2.28	1.63	1.43	1.77	1.48	1.54	1.19	1.23	1.02	2.09	2.45
24	1.33	2.10	1.19	1.12	1.81	1.69	1.66	1.05	1.20	.87	2.05	2.16
25	1.61	1.84	.91	.67	1.88	1.60	1.10	1.04	1.28	1.19	1.92	1.67
26	1.56	1.50	.78	---	2.00	1.42	1.14	1.30	1.52	1.36	1.64	1.09
27	1.52	1.52	.39	1.00	1.69	1.19	1.26	1.48	1.62	1.46	1.57	1.45
28	1.51	1.46	.26	2.06	1.60	1.20	.94	1.09	1.63	1.54	1.48	1.74
29	1.73	1.26	.13	2.20	1.69	1.59	1.15	.81	1.37	1.45	1.19	2.04
30	2.23	1.32	.57	1.51	---	1.68	1.58	1.36	1.06	1.36	1.01	2.35
31	2.48	---	.84	1.17	---	1.47	---	1.85	---	1.37	1.57	---
MAX	3.60	---	2.40	---	2.00	2.44	2.28	2.60	---	---	2.09	3.15
MIN	1.09	---	.13	---	.64	.68	.83	.81	---	---	.80	1.09

MISSISSIPPI RIVER DELTA

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 (elevations only).

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

REMARKS.--Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 8.10 ft, Sep. 12, 1998; minimum, -1.00 ft, Dec. 31, 1997, Jan. 1, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.49 ft, Dec. 21; minimum elevation, -0.97 ft, July 14.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.31	---	.76	.06	.26	.55	.83	.80	1.03	.94	.30	.52
2	1.31	---	.93	.21	.26	.33	1.12	.90	1.02	1.24	.35	.35
3	1.33	---	1.03	.34	.08	.32	1.08	1.05	.82	.84	.48	.52
4	1.41	---	1.21	.54	-.15	-.21	.60	1.20	.55	.87	.43	.79
5	1.45	---	1.23	-.08	-.28	-.04	-.07	1.25	.38	.87	.26	.68
6	---	---	.74	-.01	-.33	.30	.03	1.34	.25	.72	.05	.91
7	---	---	.60	.16	-.23	.49	.15	1.36	.56	.44	.36	1.13
8	---	---	.81	.27	-.23	.69	.26	1.22	.79	.34	.63	1.41
9	---	.81	1.05	.49	-.20	.56	-.16	1.04	.95	.44	.51	1.73
10	---	.95	.87	1.80	-.36	.43	.12	.78	1.11	.32	.35	1.83
11	---	1.01	.81	.69	-.15	.50	.38	.61	1.18	.04	.81	1.68
12	---	.92	1.04	.37	-.05	.01	.69	.57	1.08	-.22	.49	1.76
13	---	.87	1.18	.28	.09	.27	.72	.52	.87	-.43	.56	1.62
14	---	.85	.50	.38	.23	.60	.59	.50	.75	-.74	.64	1.48
15	---	.52	.13	.78	.42	.98	.93	.71	.77	-.63	.56	1.29
16	---	.32	-.16	.57	.66	1.27	1.19	.57	.86	-.41	.22	1.18
17	---	.47	.25	.30	.49	1.21	.70	.68	1.01	-.31	.02	1.31
18	---	.63	1.09	.24	.50	1.52	.16	.90	1.10	-.34	.05	1.39
19	---	.91	1.05	.01	.40	2.72	.25	.94	1.09	-.37	.00	1.40
20	---	.91	1.24	-.19	.30	1.55	.35	.85	1.03	-.47	-.30	1.27
21	---	.83	3.41	-.09	.29	.89	.04	.69	.85	-.49	-.05	1.21
22	---	.99	1.68	.25	.31	.81	.03	.40	.44	-.20	.47	1.30
23	---	1.14	1.21	.49	.73	.53	.42	.15	.20	-.05	.84	1.35
24	---	1.16	.69	.95	.79	.70	.68	-.03	.17	-.26	.89	1.21
25	---	.99	.23	.09	.82	.64	.14	-.04	.21	.06	.82	.96
26	---	.66	-.03	-.49	.96	.46	.11	.18	.47	.22	.59	.33
27	---	.54	-.41	-.01	.78	.27	.22	.39	.56	.33	.47	.38
28	---	.50	-.63	.95	.61	.11	-.06	.10	.59	.41	.38	.66
29	---	.33	-.80	1.21	.69	.54	.09	-.24	.38	.32	.14	.91
30	---	.36	-.43	.86	---	.73	.53	.30	.20	.23	-.14	1.11
31	---	---	-.17	.34	---	.48	---	.71	---	.20	.36	---
MAX	---	---	3.41	1.80	.96	2.72	1.19	1.36	1.18	1.24	.89	1.83
MIN	---	---	-.80	-.49	-.36	-.21	-.16	-.24	.17	-.74	-.30	.33

073802225 BAYOU CONWAY NEAR SORRENTO, LA

LOCATION.--Lat 30°10'23", long 90°51'40", in sec. 25, T. 10 S., R. 3 E., Ascension Parish, Hydrologic Unit 08070204, located at the Sorrento Pumping Station at levee at end of Conway Road.

DRAINAGE AREA.--Approximately 55.0 sq mi.

PERIOD OF RECORD.--July 1998 to current year (elevations only).

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

REMARKS.--Rain gage at station. Stage affected by wind and tide.

EXTREMES FOR THE PERIOD OF RECORD.--Inside: Maximum elevation, 2.54 ft, Sept. 12, 1998; minimum, -0.65 ft, Apr. 18, 1999.
Outside: Maximum elevation, 3.75 ft, Sept. 14, 1998; minimum, 0.03 ft, July 21, 2000.

EXTREMES FOR CURRENT YEAR.--Inside: Maximum elevation, 2.40 ft, Oct. 10; minimum elevation, -0.64 ft, Dec. 29, 30.
Outside: Maximum elevation, 2.40 ft, Oct. 10; minimum elevation, .03 ft, July 21.

ELEVATION, FEET, (INSIDE), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.33	1.41	.76	.06	.26	---	---	.80	---	.66	.31	.60
2	1.33	1.12	.93	.20	.26	---	---	.90	---	.89	.40	.43
3	1.34	.28	1.03	.34	---	---	---	1.04	---	.77	.52	.56
4	1.42	.12	1.21	.45	---	---	---	1.16	---	.84	.50	.86
5	1.47	.59	1.25	-.09	---	---	---	1.25	---	.86	.34	.75
6	1.46	.57	.77	-.02	---	---	---	1.34	---	.72	.09	.97
7	1.53	.51	.59	.15	---	---	---	1.37	---	.44	.39	1.19
8	---	.46	.81	.26	---	---	---	---	.85	.32	.67	1.46
9	2.30	.72	1.06	.48	---	---	---	---	.93	.41	.59	1.71
10	2.37	.96	.88	1.13	---	---	---	---	1.09	.28	.39	1.89
11	1.59	1.02	.81	.57	---	---	---	---	1.16	.13	.66	1.78
12	1.25	.93	1.06	.34	---	---	---	---	1.08	-.15	.54	1.74
13	1.32	.88	1.18	.26	---	---	.90	---	.87	-.34	.60	1.74
14	1.32	.87	.52	.37	---	---	.57	---	.74	-.55	.69	1.53
15	1.54	.54	.14	.77	---	---	.90	---	.75	-.57	.63	1.37
16	1.61	.32	-.16	.59	---	---	1.20	---	.84	-.37	.29	1.24
17	1.49	.46	.25	.30	---	---	.78	---	.98	-.25	.07	1.38
18	1.30	.63	1.00	.24	---	---	.16	---	1.09	-.29	.09	1.46
19	1.06	.91	1.05	.03	---	---	.26	---	1.07	-.30	.07	1.48
20	.89	.92	.97	-.19	---	---	.36	---	1.02	-.41	-.25	1.35
21	.72	.84	2.14	-.10	---	---	.09	---	.86	-.44	-.03	1.29
22	.58	.99	1.65	.25	---	---	.00	---	.46	-.18	.51	1.37
23	.24	1.15	1.21	.49	---	---	.40	---	.18	.04	.88	1.42
24	.34	1.17	.69	.66	---	---	.70	---	.17	-.22	.96	1.29
25	.64	1.01	.22	.04	---	---	.17	---	.17	.10	.89	1.06
26	.59	.68	-.03	-.51	---	---	.11	---	.44	.26	.68	.41
27	.54	.54	-.41	-.06	---	---	.23	---	.53	.38	.54	.44
28	.51	.51	-.61	.94	---	---	-.03	---	.59	.47	.46	.71
29	.63	.32	-.63	1.22	---	---	.05	---	.41	.39	.24	.97
30	1.08	.36	-.44	.88	---	---	.52	---	.17	.30	-.09	1.17
31	1.48	---	-.18	.35	---	---	---	---	---	.25	.41	---
MAX	---	1.41	2.14	1.22	---	---	---	---	---	.89	.96	1.89
MIN	---	.12	-.63	-.51	---	---	---	---	---	-.57	-.25	.41

MISSISSIPPI RIVER DELTA

073802225 BAYOU CONWAY NEAR SORRENTO, LA--Continued

ELEVATION, FEET, (OUTSIDE), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.33	1.42	.76	.13	.21	---	---	.79	---	.65	.33	.58
2	1.33	1.11	.94	.22	.21	---	---	.90	---	.88	.39	.41
3	1.34	.30	1.03	.33	---	---	---	1.04	---	.77	.51	.54
4	1.42	.17	1.21	.46	---	---	---	1.18	---	.84	.48	.84
5	1.47	.60	1.25	.12	---	---	---	1.25	---	.85	.33	.73
6	1.47	.57	.77	.14	---	---	---	1.34	---	.72	.13	.95
7	1.53	.51	.60	.19	---	---	---	1.37	---	.43	.37	1.17
8	1.75	.46	.81	.27	---	---	---	---	.84	.32	.66	1.44
9	2.30	.73	1.06	.44	---	---	---	---	.92	.41	.57	1.69
10	2.38	.96	.88	1.08	---	---	---	---	1.08	.35	.37	1.86
11	2.28	1.02	.81	.56	---	---	---	---	1.16	.22	.65	1.74
12	2.17	.93	1.04	.29	---	---	---	---	1.07	.14	.53	1.73
13	2.05	.88	1.17	.23	---	---	.90	---	.86	.14	.59	1.71
14	1.91	.87	.52	.32	---	---	.59	---	.73	.14	.68	1.51
15	1.74	.54	.21	.73	---	---	.91	---	.74	.12	.62	1.35
16	1.61	.33	.15	.54	---	---	1.20	---	.83	.10	.28	1.22
17	1.49	.47	.27	.26	---	---	.77	---	.98	.09	.11	1.36
18	1.30	.64	.99	.21	---	---	.19	---	1.08	.08	.10	1.44
19	1.06	.92	1.02	.12	---	---	.25	---	1.07	.05	.12	1.46
20	.89	.92	.95	.10	---	---	.35	---	1.02	.05	.07	1.33
21	.73	.84	2.12	.11	---	---	.21	---	.85	.04	.10	1.27
22	.58	.99	1.61	.23	---	---	.13	---	.45	.04	.49	1.35
23	.29	1.15	1.19	.44	---	---	.39	---	.20	.10	.88	1.40
24	.35	1.17	.67	.61	---	---	.69	---	.22	.06	.94	1.27
25	.64	1.00	.21	.14	---	---	.24	---	.19	.10	.88	1.03
26	.59	.68	.14	.10	---	---	.19	---	.44	.25	.66	.39
27	.54	.54	.14	.17	---	---	.25	---	.53	.37	.52	.42
28	.52	.52	.13	.88	---	---	.15	---	.58	.46	.44	.70
29	.64	.35	.11	1.15	---	---	.20	---	.41	.38	.28	.95
30	1.09	.36	.10	.81	---	---	.52	---	.20	.28	.15	1.15
31	1.48	---	.10	.28	---	---	---	---	---	.24	.40	---
MAX	2.38	1.42	2.12	1.15	---	---	---	---	---	.88	.94	1.86
MIN	.29	.17	.10	.10	---	---	---	---	---	.04	.07	.39

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 State Highway 934 (Babin Road), 1.3 mi northwest of WSLG radio towers.

DRAINAGE AREA.--Approximately 5.9 mi².

PERIOD OF RECORD.--January 1998 to current year (elevations only).

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

REMARKS.--Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 9.57 ft, Sep. 12, 1998; minimum elevation recorded, 2.21 ft, Mar. 7, 8, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 6.62 ft, Dec. 21; minimum elevation, 2.82 ft, Nov. 12, 13.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.10	---	2.95	3.01	3.06	3.01	3.00	2.95	2.93	3.48	2.91	3.04
2	3.02	---	2.96	3.00	3.07	3.00	3.00	2.95	2.94	3.68	2.91	3.03
3	2.99	---	2.96	3.09	3.09	3.01	3.01	3.02	2.93	3.32	2.91	3.01
4	2.97	---	2.98	3.98	3.06	3.06	3.03	3.11	2.96	3.05	2.92	2.99
5	2.95	---	2.97	3.29	3.03	3.08	3.01	3.03	3.13	2.97	2.91	2.97
6	---	---	2.95	3.13	3.02	3.03	2.99	2.98	3.19	2.94	2.90	2.96
7	---	---	2.95	3.06	3.02	3.01	2.97	2.95	3.13	2.93	2.88	2.96
8	---	---	2.95	3.04	3.02	2.98	2.96	2.94	3.09	2.95	2.92	3.05
9	---	2.85	---	3.07	3.03	2.98	2.95	2.93	3.07	2.95	3.02	3.77
10	---	2.85	---	3.49	3.03	2.97	2.97	2.92	3.05	2.94	3.31	3.90
11	---	2.84	---	3.24	3.02	2.98	2.97	2.92	3.04	2.96	3.97	3.64
12	---	2.83	---	3.12	3.05	2.99	2.96	2.93	3.02	2.95	3.37	3.95
13	---	2.83	---	3.07	3.03	3.01	2.96	2.92	3.00	2.95	3.11	3.71
14	---	2.85	3.12	3.05	3.01	3.00	2.96	2.92	2.99	2.93	2.98	3.37
15	---	2.85	3.04	3.02	3.01	3.17	2.95	2.91	2.99	2.91	2.95	3.37
16	---	2.85	3.04	3.00	3.02	3.40	2.94	2.91	3.04	2.90	2.96	3.09
17	---	2.84	2.98	2.99	3.04	3.17	2.95	2.91	3.08	2.89	2.95	2.98
18	---	2.85	4.52	2.99	3.03	3.20	2.97	2.92	3.08	2.89	2.95	2.94
19	---	2.85	3.69	2.98	3.00	4.01	2.95	2.93	3.07	2.88	2.97	2.93
20	---	2.87	3.84	2.97	3.01	3.44	2.94	2.94	3.06	2.89	2.99	2.94
21	---	2.87	5.89	2.98	3.01	3.19	2.92	2.95	3.07	2.89	2.97	2.94
22	---	2.87	3.77	2.99	3.02	3.11	2.92	2.95	3.06	2.89	2.99	3.02
23	---	2.87	3.27	3.06	3.02	3.05	2.94	2.94	3.02	3.04	2.99	3.10
24	---	3.28	3.15	3.27	3.04	3.00	3.01	2.93	3.00	3.02	2.96	3.01
25	---	3.15	3.10	3.21	3.05	2.98	3.04	2.93	2.99	2.95	2.92	2.97
26	---	3.10	3.05	3.10	3.06	2.98	3.01	2.93	2.98	2.91	2.90	2.98
27	---	3.04	3.06	3.07	3.28	3.10	2.99	2.92	2.99	2.90	2.89	2.99
28	---	2.96	3.02	3.12	3.14	3.08	2.97	2.93	2.99	2.90	2.89	2.98
29	---	2.93	3.00	3.14	3.05	3.01	2.97	2.94	3.00	2.90	2.89	2.97
30	---	2.93	2.99	3.11	---	2.98	2.96	2.93	3.02	2.92	2.90	2.97
31	---	---	3.02	3.08	---	3.00	---	2.93	---	2.93	3.00	---
MAX	---	---	---	3.98	3.28	4.01	3.04	3.11	3.19	3.68	3.97	3.95
MIN	---	---	---	2.97	3.00	2.97	2.92	2.91	2.93	2.88	2.88	2.93

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.

PERIOD OF RECORD.--November 1997 to current year (elevations only).

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

REMARKS.--Lowest recordable stage is 0.61 ft. Stage affected by wind and tide. Rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 9.38 ft, Sep. 12, 1998; minimum observed, 0.33 ft, Apr. 10, 2000 (revised).

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 6.44 ft, Dec. 20; minimum elevation recorded, 0.61 ft, on many days.

[illegible]

073802245 BLACK BAYOU EAST OF GONZALES, LA

LOCATION.--Lat 30°14'25", long 90°52'38", in sec. 26, T. 9 S., R. 3E. 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 (elevations only).

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 sea level.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.34 ft, revised, June 18, 1997; minimum, -1.68 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1.99 ft, Dec. 21; minimum elevation, 0.04 ft, Jan. 26.

ELEVATION, FEET, WATER YEAR NOVEMBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.97	.51	.45	.59	.76	.79	1.02	.82	.80	.89
2			1.03	.58	.45	.49	.89	.84	.99	.86	.82	.82
3			1.10	.65	.37	.49	.84	.91	.88	.91	.88	.91
4			1.20	.86	.27	.24	.55	.98	.77	.97	.85	1.03
5			1.15	.38	.22	.36	.31	1.03	.70	.96	.77	.98
6			.84	.45	.21	.50	.38	1.10	.65	.89	.70	1.11
7			.86	.53	.25	.59	.43	1.08	.81	.77	.84	1.27
8			.96	.58	.26	.67	.45	.97	.91	.74	.97	1.42
9			1.07	.66	.26	.60	.30	.89	.99	.79	.91	1.60
10		1.19	.94	.71	.21	.56	.42	.78	1.08	.75	.81	1.59
11		1.16	.95	.57	.30	.55	.54	.73	1.10	.63	1.05	1.44
12		1.09	1.04	.53	.34	.36	.68	.71	1.04	.53	.86	1.50
13		1.08	.97	.52	.40	.49	.68	.69	.94	.43	.91	1.58
14		1.05	.70	.58	.46	.65	.63	.69	.88	.29	.95	1.29
15		.89	.56	.78	.56	.86	.82	.79	.89	.36	.90	1.17
16		.82	.47	.63	.65	.98	.94	.72	.93	.46	.74	1.20
17		.90	.67	.53	.57	.89	.63	.79	1.01	.51	.66	1.33
18		.97	1.26	.50	.59	.94	.44	.90	1.06	.49	.68	1.37
19		1.09	1.16	.39	.52	1.17	.50	.91	1.06	.48	.65	1.34
20		1.06	1.03	.30	.49	.73	.55	.86	1.02	.43	.54	1.26
21		1.03	1.88	.37	.49	.63	.40	.79	.93	.43	.66	1.25
22		1.13	1.29	.51	.50	.66	.42	.66	.75	.56	.91	1.33
23		1.20	.89	.61	.69	.57	.60	.56	.65	.62	1.08	1.34
24		1.23	.65	.56	.72	.65	.69	.49	.64	.54	1.04	1.23
25		1.08	.52	.28	.73	.62	.46	.49	.67	.69	.99	1.08
26		.90	.42	.11	.80	.54	.46	.61	.79	.75	.88	.79
27		.87	.25	.39	.69	.46	.51	.69	.83	.80	.84	.91
28		.84	.19	.83	.63	.41	.39	.54	.84	.83	.81	1.05
29		.77	.13	.91	.66	.61	.47	.42	.73	.79	.69	1.17
30		.79	.30	.64	---	.67	.67	.67	.66	.76	.59	1.29
31		---	.42	.46	---	.57	---	.86	---	.75	.84	---
MAX		---	1.88	.91	.80	1.17	.94	1.10	1.10	.97	1.08	1.60
MIN		---	.13	.11	.21	.24	.30	.42	.64	.29	.54	.79

MISSISSIPPI RIVER DELTA

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 (elevations only).

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 elevation, 5.72 ft, Sept. 12, 1998; minimum, -1.71 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.42 ft, Sept. 12; minimum elevation, -1.04 ft, Dec. 29.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.35	1.30	.74	.00	.20	.49	.90	.82	1.13	.78	.50	.49
2	1.34	.57	.90	.17	.19	.28	1.19	.92	1.06	1.07	.56	.20
3	1.37	-.21	1.05	.35	.00	.29	1.07	1.11	.80	.83	.69	.43
4	1.47	.00	1.30	.53	-.24	-.30	.40	1.26	.52	.95	.62	.58
5	1.49	.51	1.17	-.27	-.34	-.03	-.14	1.36	.35	.93	.44	.42
6	1.47	.46	.48	-.07	-.38	.30	.01	1.50	.23	.77	.27	.80
7	1.64	.39	.54	.10	-.28	.50	.14	1.44	.60	.49	.61	1.31
8	2.05	.36	.79	.23	-.27	.69	.18	1.17	.84	.42	.86	1.70
9	2.76	.70	1.04	.41	-.25	.53	-.16	.98	1.01	.53	.70	2.10
10	1.86	.94	.74	.52	-.39	.42	.13	.73	1.23	.42	.55	2.08
11	1.75	.95	.79	.22	-.17	.41	.40	.59	1.28	.15	.93	1.75
12	1.78	.82	1.02	.15	-.08	-.03	.70	.57	1.10	-.11	.70	2.18
13	1.66	.81	.81	.14	.06	.28	.68	.51	.86	-.33	.79	1.77
14	1.44	.75	.25	.29	.20	.65	.57	.49	.74	-.64	.87	1.38
15	1.30	.38	-.08	.77	.43	1.12	1.02	.72	.77	-.47	.75	1.08
16	1.26	.23	-.26	.43	.63	1.39	1.25	.56	.86	-.25	.37	1.17
17	1.14	.43	.22	.19	.46	1.19	.54	.71	1.06	-.15	.19	1.45
18	.85	.60	1.28	.14	.49	1.58	.13	.96	1.16	-.18	.23	1.53
19	.73	.88	1.02	-.11	.34	2.14	.24	.96	1.13	-.21	.16	1.45
20	.61	.82	1.09	-.30	.26	.88	.33	.85	1.04	-.31	-.13	1.34
21	.53	.76	2.70	-.12	.27	.60	-.02	.67	.85	-.33	.10	1.32
22	.35	1.02	1.45	.23	.31	.66	.04	.38	.42	-.03	.53	1.40
23	.03	1.19	.78	.53	.74	.46	.45	.11	.21	.10	.92	1.40
24	.29	1.12	.22	.52	.80	.65	.64	-.05	.19	-.08	.89	1.29
25	.54	.88	-.05	-.26	.84	.57	.09	-.03	.27	.26	.75	1.13
26	.47	.50	-.27	-.67	.97	.39	.09	.21	.54	.41	.45	.84
27	.42	.48	-.68	.04	.71	.18	.20	.40	.61	.52	.37	.97
28	.42	.42	-.80	1.02	.59	.09	-.11	.05	.64	.60	.22	1.09
29	.63	.24	-.92	1.23	.65	.55	.10	-.25	.39	.49	-.02	1.22
30	1.20	.32	-.50	.61	---	.69	.56	.34	.25	.41	-.24	1.33
31	1.58	---	-.23	.20	---	.46	---	.78	---	.38	.33	---
MAX	2.76	1.30	2.70	1.23	.97	2.14	1.25	1.50	1.28	1.07	.93	2.18
MIN	.03	-.21	-.92	-.67	-.39	-.30	-.16	-.25	.19	-.64	-.24	.20

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 (elevations only).

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.--Maximum inside elevation, 4.67 ft, Sept. 13, 1998; minimum inside, -1.66 ft, Dec. 31, 1997; maximum outside elevation, 4.77 ft, Sept. 13, 1998; minimum outside, -1.68 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum inside elevation, 2.31 ft, Oct. 10; minimum inside elevation, -0.93 ft, Dec. 29; Maximum outside elevation, 3.23 ft, Oct. 10; minimum outside elevation, -0.95 ft, Dec. 29.

ELEVATION (INSIDE), FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.40	1.42	.84	.09	.25	.55	.95	.86	1.18	.59	.43	.64
2	1.39	.67	.97	.25	.26	.33	1.24	.96	1.11	.66	.48	.46
3	1.42	-.10	1.13	.39	.06	.32	1.14	1.13	.85	.78	.61	.68
4	1.52	.11	1.37	.44	-.19	-.25	.45	1.27	.57	.93	.54	.93
5	1.56	.61	1.28	-.21	-.30	.02	-.08	1.38	.39	.91	.35	.80
6	1.54	.56	.57	.02	-.35	.35	.06	1.53	.29	.74	.18	1.11
7	1.74	.50	.65	.18	-.24	.54	.21	1.48	.66	.46	.52	1.47
8	2.07	.48	.89	.32	-.23	.74	.25	1.21	.88	.39	.76	1.82
9	1.30	.81	1.14	.50	-.21	.58	-.11	1.02	1.05	.49	.60	2.01
10	1.15	1.05	.84	.51	-.35	.48	.18	.76	1.26	.39	.37	1.94
11	1.87	1.07	.89	.30	-.13	.47	.46	.61	1.30	.11	.66	1.75
12	1.91	.93	1.08	.24	-.04	.03	.76	.59	1.13	-.13	.57	1.77
13	1.79	.92	.89	.24	.10	.34	.76	.56	.90	-.36	.67	1.67
14	1.57	.86	.34	.38	.25	.69	.65	.59	.77	-.66	.76	1.40
15	1.42	.49	.04	.85	.47	1.14	1.09	.79	.80	-.50	.63	1.13
16	1.39	.35	-.16	.50	.66	1.44	1.31	.63	.89	-.28	.27	1.26
17	1.27	.54	.32	.29	.48	1.24	.60	.78	1.09	-.20	.10	1.53
18	.97	.71	1.07	.23	.53	1.20	.18	1.02	1.20	-.23	.15	1.61
19	.87	1.00	.99	-.02	.41	1.44	.28	1.02	1.16	-.27	.06	1.51
20	.74	.94	.90	-.18	.31	.78	.39	.91	1.06	-.37	-.21	1.33
21	.66	.88	1.68	-.05	.32	.64	.05	.74	.86	-.37	.09	1.29
22	.48	1.13	1.40	.30	.35	.69	.10	.44	.43	-.05	.65	1.46
23	.16	1.30	.87	.51	.78	.50	.49	.18	.24	.02	1.05	1.48
24	.41	1.23	.33	.35	.83	.69	.70	.02	.20	-.13	1.04	1.22
25	.65	.99	.06	-.21	.87	.63	.14	.03	.28	.20	.93	.84
26	.58	.60	-.15	-.59	1.01	.45	.15	.28	.53	.33	.65	.19
27	.54	.57	-.56	.09	.77	.23	.26	.46	.61	.45	.57	.49
28	.53	.51	-.67	1.10	.64	.16	-.04	.10	.63	.53	.47	.77
29	.74	.34	-.81	1.31	.71	.60	.15	-.18	.38	.42	.20	1.06
30	1.23	.43	-.40	.67	---	.75	.59	.40	.25	.33	-.02	1.32
31	1.60	---	-.13	.26	---	.52	---	.83	---	.32	.54	---
MAX	2.07	1.42	1.68	1.31	1.01	1.44	1.31	1.53	1.30	.93	1.05	2.01
MIN	.16	-.10	-.81	-.59	-.35	-.25	-.11	-.18	.20	-.66	-.21	.19

MISSISSIPPI RIVER DELTA

073802282 NEW RIVER CANAL NEAR SORRENTO, LA--Continued

ELEVATION (OUTSIDE), FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.40	1.40	.84	.09	.26	.56	.95	.91	1.14	.59	.45	.68
2	1.39	.65	.97	.24	.26	.34	1.25	1.01	1.07	.66	.50	.50
3	1.42	-.12	1.13	.38	.09	.33	1.14	1.17	.82	.79	.63	.72
4	1.52	.10	1.37	.42	-.15	-.24	.46	1.31	.54	.93	.56	.97
5	1.55	.61	1.28	-.22	-.26	.04	-.07	1.42	.36	.91	.37	.84
6	1.54	.56	.57	.01	-.31	.37	.07	1.58	.26	.75	.20	1.15
7	1.72	.49	.65	.17	-.20	.56	.21	1.53	.63	.47	.54	1.50
8	2.07	.47	.89	.31	-.19	.75	.26	1.26	.86	.40	.77	1.85
9	2.78	.80	1.13	.48	-.17	.60	-.10	1.07	1.06	.50	.62	2.04
10	2.68	1.05	.84	.50	-.31	.49	.18	.82	1.26	.39	.40	1.97
11	2.28	1.06	.89	.29	-.10	.49	.47	.68	1.30	.12	.69	1.78
12	1.98	.92	1.08	.23	.00	.04	.77	.65	1.13	-.12	.60	1.80
13	1.76	.91	.88	.23	.14	.35	.76	.56	.90	-.35	.71	1.71
14	1.54	.85	.34	.37	.28	.71	.65	.53	.77	-.65	.79	1.44
15	1.39	.48	.04	.83	.50	1.16	1.10	.73	.80	-.49	.66	1.16
16	1.36	.34	-.17	.49	.69	1.45	1.32	.57	.88	-.27	.31	1.29
17	1.24	.53	.32	.28	.51	1.25	.62	.72	1.09	-.18	.13	1.56
18	.94	.70	1.07	.22	.56	1.22	.20	.97	1.19	-.22	.18	1.64
19	.84	.98	1.00	-.03	.43	1.45	.30	.97	1.16	-.25	.09	1.54
20	.72	.93	.91	-.20	.33	.77	.41	.86	1.06	-.35	-.18	1.36
21	.63	.87	1.68	-.06	.34	.64	.06	.69	.86	-.35	.13	1.33
22	.45	1.12	1.40	.30	.37	.71	.12	.39	.44	-.03	.68	1.50
23	.12	1.29	.86	.51	.80	.51	.52	.13	.24	.03	1.08	1.51
24	.39	1.22	.32	.35	.84	.71	.73	-.03	.21	-.11	1.08	1.25
25	.63	.97	.05	-.22	.88	.63	.18	-.02	.29	.22	.97	.87
26	.56	.59	-.16	-.60	1.02	.46	.18	.22	.54	.36	.69	.22
27	.52	.57	-.56	.09	.78	.24	.29	.42	.62	.47	.61	.52
28	.51	.51	-.68	1.10	.65	.17	-.01	.05	.64	.55	.51	.81
29	.72	.34	-.83	1.31	.72	.61	.19	-.22	.39	.43	.23	1.09
30	1.21	.43	-.40	.68	---	.76	.63	.37	.26	.35	.02	1.36
31	1.58	---	-.13	.27	---	.52	---	.79	---	.33	.58	---
MAX	2.78	1.40	1.68	1.31	1.02	1.45	1.32	1.58	1.30	.93	1.08	2.04
MIN	.12	-.12	-.83	-.60	-.31	-.24	-.10	-.22	.21	-.65	-.18	.22

LOCATION.-- Lat. 30°04'13", long 89°57'17", T. 11 S., R. 12 E., Orleans Parish, Hydrologic Unit 08090202, installed on 4'X 8' wooden platform 60 yards offshore from Lincoln Beach in Lake Pontchartrain.

WATER-STAGE RECORDS

EXTREMES FOR CURRENT YEAR.--1999 W.Y.: Maximum gage height recorded for the period June to Sept., 8.52 ft, Sept. 20; minimum gage height, 6.23 ft, June 30.

GAGE HEIGHT, FEET, WATER YEAR JUNE 1999 TO SEPTEMBER 1999

[illegible]

MISSISSIPPI RIVER DELTA

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.82	7.32	7.58	---	---	---	7.14	6.66	6.97	6.64	6.18	6.40
2	7.81	7.38	7.61	---	---	---	7.16	6.88	6.99	6.68	6.25	6.47
3	7.98	7.46	7.76	---	---	---	7.54	7.09	7.27	7.31	6.37	6.61
4	8.08	7.59	7.83	---	---	---	7.71	7.46	7.58	7.64	5.75	6.72
5	8.00	7.66	7.84	---	---	---	7.89	7.32	7.59	6.11	5.49	5.89
6	8.02	7.52	7.77	---	---	---	7.38	6.61	6.89	6.30	6.02	6.16
7	8.75	7.81	8.16	---	---	---	7.11	6.78	6.93	6.55	6.14	6.32
8	9.02	8.64	8.84	---	---	---	7.35	6.93	7.18	6.63	6.21	6.47
9	8.99	8.15	8.45	---	---	---	7.63	7.22	7.44	6.97	6.48	6.75
10	8.33	7.63	7.97	---	---	---	7.67	6.79	7.22	6.98	6.32	6.67
11	7.92	7.60	7.74	---	---	---	7.26	6.77	7.03	6.68	6.28	6.47
12	7.86	7.48	7.68	---	---	---	7.44	6.99	7.26	6.62	6.26	6.43
13	7.70	7.33	7.52	---	---	---	7.70	6.75	7.29	6.63	6.15	6.46
14	7.67	7.23	7.47	---	---	---	6.78	6.42	6.62	6.65	5.94	6.40
15	7.63	7.25	7.44	---	---	---	7.05	6.08	6.57	6.99	6.65	6.88
16	7.74	7.25	7.51	---	---	---	6.53	6.02	6.23	6.86	6.35	6.56
17	7.51	7.07	7.34	---	---	---	6.84	6.44	6.60	6.69	6.28	6.49
18	7.19	6.66	7.03	---	---	---	7.67	6.78	7.23	6.73	6.29	6.50
19	7.22	6.60	7.00	---	---	---	7.37	6.70	6.93	6.66	6.18	6.43
20	7.08	6.75	6.91	7.62	7.32	7.44	7.14	6.54	6.87	6.81	5.72	6.29
21	7.10	6.66	6.87	7.56	7.18	7.36	7.69	6.67	7.32	6.40	5.93	6.23
22	6.83	6.63	6.72	7.70	7.34	7.53	7.32	6.63	7.03	6.87	6.23	6.61
23	6.66	6.16	6.46	7.90	7.40	7.63	7.13	6.61	6.87	7.60	6.62	6.91
24	6.77	6.28	6.56	7.73	7.23	7.49	6.83	6.00	6.49	7.62	6.01	6.89
25	---	---	---	7.83	7.06	7.43	6.42	6.00	6.18	6.50	5.73	6.25
26	---	---	---	7.35	6.80	7.11	6.34	5.80	6.12	6.05	5.49	5.76
27	---	---	---	7.23	6.78	7.02	5.96	5.57	5.75	6.95	5.81	6.16
28	---	---	---	7.11	6.63	6.90	6.26	5.43	5.81	8.33	6.37	7.59
29	---	---	---	6.87	6.41	6.69	5.76	5.43	5.55	8.15	7.19	7.60
30	---	---	---	6.99	6.39	6.73	6.15	5.76	5.94	7.59	6.35	6.86
31	---	---	---	---	---	---	6.51	6.07	6.23	6.92	6.37	6.53
MONTH	---	---	---	---	---	---	7.89	5.43	6.77	8.33	5.49	6.54
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.74	6.42	6.55	7.05	6.56	6.79	7.52	6.63	7.00	7.17	6.86	6.99
2	6.84	6.36	6.56	6.85	6.35	6.57	7.67	7.12	7.38	7.28	6.97	7.16
3	---	---	---	6.82	6.41	6.62	7.85	7.17	7.41	7.51	6.99	7.33
4	---	---	---	6.69	5.94	6.24	7.70	5.62	6.69	7.68	7.14	7.38
5	---	---	---	6.50	6.20	6.36	6.56	5.66	6.27	7.86	7.31	7.58
6	---	---	---	6.70	6.43	6.57	6.46	6.20	6.33	7.78	7.33	7.55
7	---	---	---	6.78	6.56	6.68	6.95	6.26	6.54	7.67	7.21	7.40
8	---	---	---	7.05	6.76	6.95	7.09	6.15	6.71	7.50	7.03	7.22
9	6.25	5.96	6.12	7.01	6.75	6.87	6.54	5.78	6.11	7.41	6.94	7.12
10	6.21	5.99	6.06	7.04	6.68	6.82	6.72	6.06	6.35	7.26	6.74	6.94
11	6.43	6.17	6.24	7.16	6.59	6.87	7.11	6.37	6.70	7.07	6.64	6.81
12	6.60	6.20	6.35	6.60	6.08	6.34	7.27	6.72	6.99	6.96	6.65	6.80
13	6.88	6.29	6.53	6.80	6.32	6.49	7.32	6.84	7.06	7.10	6.45	6.81
14	6.90	6.42	6.64	7.09	6.37	6.69	7.25	6.84	7.05	6.79	6.30	6.59
15	7.07	6.56	6.75	7.95	6.36	7.18	7.67	7.22	7.48	7.14	6.34	6.74
16	7.18	6.62	6.89	7.95	7.37	7.65	7.72	7.08	7.42	7.08	6.66	6.86
17	7.00	6.51	6.76	7.62	7.10	7.31	7.08	6.36	6.71	7.19	6.71	6.93
18	7.05	6.64	6.84	7.36	6.13	7.01	6.77	6.20	6.49	7.42	6.95	7.16
19	7.20	6.49	6.81	8.33	7.00	7.43	6.82	6.37	6.57	7.30	6.98	7.14
20	6.75	6.32	6.58	7.00	6.21	6.64	6.90	6.53	6.69	7.30	6.89	7.07
21	6.62	6.31	6.48	6.99	6.12	6.68	6.80	6.33	6.51	7.24	6.78	6.95
22	6.73	6.35	6.46	6.93	6.71	6.80	6.76	6.11	6.43	6.98	6.24	6.77
23	7.15	6.73	6.95	6.97	6.41	6.62	7.14	6.10	6.61	6.95	6.39	6.62
24	7.17	6.78	6.98	7.04	6.63	6.82	7.52	6.55	7.03	6.65	6.23	6.40
25	7.34	6.82	7.02	7.02	6.29	6.78	6.83	6.37	6.57	6.65	6.19	6.38
26	7.78	7.04	7.25	6.97	5.81	6.43	6.78	6.26	6.52	6.83	6.43	6.58
27	7.49	6.72	7.03	7.44	6.43	6.66	6.92	6.43	6.63	6.89	6.67	6.76
28	7.09	6.67	6.85	6.84	6.01	6.45	6.73	6.09	6.34	6.74	6.22	6.47
29	7.09	6.61	6.81	7.24	6.52	6.82	6.85	6.28	6.55	6.48	6.10	6.28
30	---	---	---	7.31	6.09	6.89	6.86	6.43	6.67	6.96	6.31	6.71
31	---	---	---	7.02	6.31	6.79	---	---	---	7.51	6.71	7.08
MONTH	---	---	---	8.33	5.81	6.77	7.85	5.62	6.73	7.86	6.10	6.92

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.60	7.20	7.40	7.03	6.24	6.64	7.06	6.56	6.78	---	---	---
2	7.50	7.18	7.34	7.17	6.60	6.84	7.04	6.61	6.81	---	---	---
3	7.38	6.89	7.09	7.24	6.64	6.92	7.05	6.67	6.87	---	---	---
4	7.10	6.56	6.84	7.34	6.82	7.06	7.02	6.68	6.83	---	---	---
5	7.04	6.42	6.65	7.34	6.91	7.09	6.92	6.50	6.64	---	---	---
6	6.84	6.29	6.57	7.26	6.82	7.00	6.72	6.46	6.58	---	---	---
7	7.21	6.54	6.85	7.05	6.36	6.77	7.01	6.61	6.84	---	---	---
8	7.23	6.68	6.95	6.94	6.58	6.74	7.25	6.77	7.01	---	---	---
9	7.44	6.88	7.14	7.16	6.62	6.83	7.03	6.70	6.86	---	---	---
10	7.51	7.12	7.33	6.88	6.59	6.73	7.16	6.45	6.73	---	---	---
11	7.52	7.13	7.36	6.68	6.39	6.54	7.16	6.40	6.89	---	---	---
12	7.40	7.11	7.27	6.49	6.20	6.38	7.04	6.75	6.90	8.42	8.11	8.25
13	7.40	7.00	7.11	6.24	6.00	6.14	7.17	6.70	6.94	8.14	7.85	7.98
14	7.28	6.85	7.05	6.55	5.57	5.93	7.30	6.85	7.05	7.99	7.79	7.86
15	7.38	6.90	7.10	6.40	5.70	6.02	7.10	6.78	6.89	7.92	7.33	7.64
16	7.52	6.87	7.15	6.54	6.03	6.22	6.82	6.39	6.57	8.29	7.71	8.04
17	7.66	6.98	7.29	6.54	6.06	6.27	6.73	6.32	6.50	8.40	8.18	8.28
18	7.72	7.24	7.45	6.48	6.05	6.24	6.75	6.42	6.58	8.56	7.96	8.32
19	7.63	7.14	7.36	6.42	6.04	6.22	6.75	6.23	6.43	8.07	7.72	7.90
20	7.42	7.01	7.19	6.35	5.89	6.12	6.79	5.65	6.25	8.22	7.83	8.00
21	7.28	6.82	7.01	6.50	5.78	6.12	6.67	5.81	6.48	8.35	7.97	8.15
22	7.07	6.45	6.64	6.76	6.16	6.41	7.53	6.65	7.05	8.80	8.05	8.40
23	6.82	6.30	6.55	6.91	6.15	6.50	7.63	7.17	7.41	8.35	7.90	8.15
24	6.83	6.39	6.59	6.43	6.06	6.28	7.51	7.15	7.33	8.16	7.56	7.86
25	---	---	---	6.79	6.34	6.58	7.39	7.02	7.21	7.86	7.22	7.58
26	6.94	6.15	6.73	6.94	6.46	6.72	7.22	6.83	6.98	7.40	6.91	7.13
27	7.12	6.66	6.90	7.08	6.55	6.81	7.11	6.50	6.89	7.66	6.95	7.26
28	7.12	6.77	6.92	7.14	6.66	6.90	6.99	6.67	6.84	7.87	7.34	7.55
29	6.82	6.43	6.66	7.03	6.61	6.81	6.89	6.38	6.61	8.22	7.55	7.86
30	7.13	6.25	6.59	6.89	6.46	6.69	---	---	---	8.24	8.01	8.12
31	---	---	---	6.97	6.42	6.64	---	---	---	---	---	---
MONTH	---	---	---	7.34	5.57	6.55	---	---	---	---	---	---

WATER-QUALITY RECORDS

pH: June 1999 to current year.

pH: Maximum recorded, 8.6 units, June 27, 1999; minimum recorded, 6.9 units, Aug. 7, 2000

2000 Water Year: Maximum, 8.5 units, May 26; minimum, 6.9 units, Aug. 7.

[illegible]

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	16200	15300	15700	---	---	---	17000	16300	16700	14900	13900	14400
2	16700	15800	16200	---	---	---	16300	15800	16000	14700	14200	14400
3	18500	16400	17100	---	---	---	18500	16100	16900	17800	14400	15300
4	17900	16700	17200	---	---	---	17500	16600	16900	18200	15700	16600
5	18000	16700	17200	---	---	---	16900	16500	16600	16100	14600	14800
6	16900	16700	16800	---	---	---	16800	16500	16600	14900	14700	14800
7	17200	16800	16900	---	---	---	16800	16700	16700	15100	14800	14900
8	20100	17200	18100	---	---	---	16700	16700	16700	15700	15000	15300
9	18900	18000	18200	---	---	---	16700	16700	16700	15800	15200	15500
10	18200	15600	17200	---	---	---	16800	16400	16700	15600	13600	14600
11	17800	15900	17200	---	---	---	16600	15900	16300	14500	13800	14100
12	17700	17600	17700	---	---	---	16500	15900	16100	14400	14200	14300
13	17700	17400	17500	---	---	---	16600	14900	16200	14500	14100	14400
14	17600	17300	17500	---	---	---	16100	15200	15700	14800	14400	14600
15	17500	15400	16700	---	---	---	15900	15500	15800	14800	14300	14500
16	16600	15200	15500	---	---	---	16000	15800	15900	15700	14300	15100
17	15700	15200	15400	---	---	---	15900	15800	15800	15700	15200	15400
18	15500	14900	15100	---	---	---	15800	15500	15700	15800	15400	15500
19	14900	14800	14800	---	---	---	15800	15700	15700	15600	13900	15100
20	15600	14800	15400	17700	17000	17400	15900	15400	15700	15300	14200	14700
21	15600	15300	15500	17700	16300	17000	15900	15300	15600	15400	15000	15300
22	15300	14800	15000	18600	16900	17400	16100	15900	16000	15200	15000	15100
23	15200	14200	14900	18700	17400	18200	16200	16000	16100	15400	14600	15000
24	14500	14100	14400	18200	16400	16800	16100	15900	16000	14900	14500	14700
25	---	---	---	16800	16400	16700	16200	16100	16100	15300	14900	15100
26	---	---	---	17000	15100	16200	16200	15900	16100	15400	15300	15300
27	---	---	---	15200	14700	14900	15900	14500	15200	15400	15200	15300
28	---	---	---	15200	14700	15000	15400	14500	14900	15200	14800	15000
29	---	---	---	16300	14800	15300	15700	14500	14700	15200	14900	14900
30	---	---	---	17100	16300	16800	15800	14900	15400	15400	15200	15300
31	---	---	---	---	---	---	15300	14600	15100	15400	15200	15300
MONTH	---	---	---	---	---	---	18500	14500	16000	18200	13600	15000
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	15600	15200	15400	16300	15700	16000	14700	14600	14700	16700	16100	16300
2	16100	15600	15900	16200	15700	15900	15400	14700	15000	16600	16200	16400
3	---	---	---	16200	15600	15900	15700	13300	15200	19500	16600	17600
4	---	---	---	15800	15600	15700	15600	13000	15000	19900	17200	18400
5	---	---	---	15800	15600	15700	16000	14800	15400	20000	17900	19000
6	---	---	---	15600	15300	15400	16100	15800	16000	19400	17700	18800
7	---	---	---	15700	15300	15500	16400	16000	16200	19000	16500	17700
8	---	---	---	15700	15400	15600	16400	16000	16100	18200	16900	17400
9	16300	14200	15300	15600	13800	15300	16300	16100	16200	17500	16400	17100
10	15900	14900	15500	15300	13900	14900	16300	16200	16300	17200	14800	16900
11	15800	15300	15700	15300	14900	15100	16400	16300	16300	17200	13900	16500
12	15900	14700	15400	15600	15100	15400	18300	16400	17000	17100	16700	16900
13	15600	13000	14900	15200	15100	15200	17100	16600	16800	17200	16800	17000
14	14600	12800	14200	15300	15100	15200	17000	16500	16700	16800	16100	16300
15	15600	14600	15100	21900	15200	16900	16700	16300	16500	16200	16000	16000
16	15300	13800	14200	18400	14700	16400	16300	14000	14600	16100	15800	15900
17	14400	13900	14000	16000	14800	15400	15000	14100	14500	16000	15800	15900
18	16200	14300	14800	15900	15200	15500	14900	14400	14500	16300	16000	16100
19	16000	14500	15500	15900	13900	14800	14900	14300	14700	16700	16000	16400
20	14500	14300	14400	14300	14100	14200	15700	14700	15100	17200	16700	17000
21	15500	14300	14700	15000	14200	14600	15900	15300	15700	17700	17200	17400
22	15800	15100	15300	15000	14900	15000	15300	14400	14600	18300	17300	17700
23	16000	15600	15800	15900	14900	15300	15200	14700	14900	18400	17500	18000
24	16200	15900	16100	16000	15200	15500	15600	15000	15200	18000	17600	17900
25	16600	16100	16300	15800	15200	15400	15400	15000	15100	18100	17500	17800
26	16600	16100	16400	15700	15300	15500	15500	15000	15300	17800	17100	17500
27	16500	16300	16400	15800	14900	15200	15600	15400	15500	17600	16900	17200
28	16500	16300	16400	15000	14800	14900	15900	15200	15700	17500	16300	17100
29	16400	16200	16300	14900	14500	14900	16200	14000	15500	16600	16000	16300
30	---	---	---	14900	14700	14800	16500	15900	16200	16200	15700	15900
31	---	---	---	14900	14700	14800	---	---	---	16900	15400	15900
MONTH	---	---	---	21900	13800	15400	18300	13000	15600	20000	13900	17000

MISSISSIPPI RIVER DELTA

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17200	16100	16400	16200	15600	15900	17000	16700	16800	---	---	---
2	16600	16100	16400	16600	15400	16000	17900	16500	17100	---	---	---
3	16700	16400	16600	18800	16400	17200	18000	17400	17700	---	---	---
4	16500	15500	16100	19900	17400	18200	18100	17400	17800	---	---	---
5	15800	14900	15400	18200	17600	17800	18300	17700	18000	---	---	---
6	15900	15500	15700	18200	17700	18000	18300	17800	18100	---	---	---
7	16000	15900	16000	18400	17400	17900	18700	18200	18700	---	---	---
8	17000	16000	16100	17900	17000	17500	19300	18100	18500	---	---	---
9	19000	15900	16600	17800	17700	17700	18900	18000	18200	---	---	---
10	17900	16100	16700	18000	17500	17800	18900	15900	17800	---	---	---
11	17400	16500	16800	18100	17700	18000	18400	15800	17400	---	---	---
12	18000	16200	17100	18000	17900	17900	18400	17500	17900	22200	21100	21800
13	17900	17300	17600	18000	14100	16800	19900	18000	18700	21200	20200	20600
14	17900	17200	17400	17800	16400	17400	19600	18800	19200	20600	20100	20300
15	17300	16500	17000	17500	17100	17300	20200	18900	19300	20400	20100	20200
16	16700	15700	16400	17600	17400	17500	20200	19300	19900	20800	20200	20400
17	16500	15900	16200	17500	16800	17100	20200	19600	19900	21000	20800	20900
18	16900	16400	16500	17000	16800	16900	20100	19800	19900	21000	20800	20900
19	16900	16600	16800	17100	16800	17000	20100	19400	19800	22400	20700	21400
20	17000	16900	16900	17100	16800	16900	19700	19000	19500	22200	21300	21600
21	17000	16800	16900	18700	17000	17800	19900	19100	19400	21700	21200	21400
22	17300	16900	17200	18700	17600	18200	19700	19500	19600	21300	21000	21200
23	17300	16900	17100	18400	16500	17900	20300	19400	19700	21100	19800	20200
24	17400	16800	17000	18400	17700	18100	20400	19600	20000	20100	19600	19800
25	17000	16700	16800	18100	16600	17000	20300	19000	19600	19800	19500	19600
26	17300	16700	17000	17400	16700	16900	20100	19500	20000	20100	19800	20000
27	17300	17000	17100	16800	16300	16500	20000	18900	19300	20300	20000	20200
28	17100	16800	17000	17200	16400	16700	19700	19300	19400	20600	20200	20300
29	17100	16100	16700	17300	16900	17100	19600	18900	19200	20600	20300	20400
30	16800	15900	16400	17100	14700	16000	---	---	---	20700	20300	20500
31	---	---	---	17100	16100	16700	---	---	---	---	---	---
MONTH	19000	14900	16700	19900	14100	17300	---	---	---	---	---	---

TEMPERATURE, WATER (DEG. C), WATER YEAR JUNE 1999 TO SEPTEMBER 1999

[illegible]

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.1	20.9	22.5	---	---	---	16.0	12.9	14.7	15.0	13.1	14.0
2	23.9	22.0	23.1	---	---	---	17.1	14.7	15.8	17.8	13.2	14.8
3	24.8	23.5	24.0	---	---	---	17.8	15.6	16.6	20.0	14.5	16.6
4	25.3	24.1	24.7	---	---	---	17.4	16.8	17.1	18.2	11.3	14.6
5	24.8	22.9	23.8	---	---	---	18.0	15.3	17.2	13.1	10.1	11.8
6	23.7	20.8	22.6	---	---	---	15.3	13.4	14.0	13.3	10.6	12.1
7	24.5	23.1	23.7	---	---	---	14.6	12.1	13.7	14.3	11.7	12.9
8	24.2	23.8	23.9	---	---	---	15.3	13.2	14.2	13.7	12.1	13.0
9	24.4	23.8	24.0	---	---	---	17.7	15.0	16.1	19.2	13.5	16.7
10	24.6	23.9	24.2	---	---	---	17.4	15.0	15.9	19.1	16.1	17.4
11	25.5	24.0	24.6	---	---	---	16.6	14.2	15.4	18.2	15.4	16.3
12	25.1	24.0	24.6	---	---	---	18.6	15.9	17.1	19.3	15.0	16.6
13	25.6	24.1	24.8	---	---	---	18.0	14.8	16.6	19.8	15.9	17.9
14	26.7	24.2	25.3	---	---	---	16.3	13.9	15.1	16.5	13.3	14.5
15	26.1	24.5	25.1	---	---	---	15.6	12.4	14.5	15.3	12.8	14.0
16	26.8	24.3	25.4	---	---	---	13.6	11.0	12.4	16.8	14.2	15.0
17	27.7	25.1	26.3	---	---	---	14.2	12.2	13.2	17.4	14.3	15.7
18	25.9	23.6	24.8	---	---	---	13.7	12.6	13.2	18.9	16.1	17.3
19	24.4	22.0	23.6	---	---	---	12.9	12.4	12.7	20.4	17.4	18.4
20	22.0	19.6	20.9	20.7	18.3	19.5	13.4	12.1	12.8	18.4	13.8	16.6
21	21.3	18.1	19.6	21.0	19.0	19.7	12.7	11.2	12.1	13.8	10.8	12.5
22	21.9	18.0	20.2	20.4	19.2	19.5	12.2	10.1	11.1	16.5	12.4	14.5
23	21.0	18.5	19.8	20.7	18.9	19.8	12.2	9.6	10.9	16.2	15.4	15.8
24	18.5	15.8	17.2	20.7	19.3	20.0	12.7	10.1	11.4	15.4	10.9	13.3
25	---	---	---	19.7	16.8	18.6	11.4	9.1	10.4	11.1	8.6	9.9
26	---	---	---	18.3	15.5	16.8	12.0	9.4	10.6	10.0	7.4	8.9
27	---	---	---	18.1	15.8	17.0	13.5	10.2	11.7	8.9	7.6	8.3
28	---	---	---	18.2	15.8	17.1	12.4	10.1	11.3	9.6	7.9	8.8
29	---	---	---	18.5	15.7	17.0	13.0	9.1	10.8	9.4	8.9	9.2
30	---	---	---	16.3	14.2	15.2	14.8	10.7	12.5	10.3	8.1	9.1
31	---	---	---	---	---	---	17.2	12.4	14.1	10.3	7.8	9.1
MONTH	---	---	---	---	---	---	18.6	9.1	13.7	20.4	7.4	13.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.9	8.5	9.9	21.7	18.3	19.8	22.2	21.3	21.8	24.9	22.8	23.7
2	12.1	9.4	10.8	21.7	19.2	20.5	23.6	21.9	22.6	25.4	23.1	24.1
3	---	---	---	23.0	19.2	21.0	23.3	21.3	22.6	24.4	23.4	23.9
4	---	---	---	20.6	17.3	18.9	21.3	17.5	19.3	25.5	23.2	24.2
5	---	---	---	20.2	16.0	18.3	21.9	15.9	19.1	25.4	23.9	24.7
6	---	---	---	20.9	18.1	19.1	22.0	19.0	20.5	26.6	23.8	25.1
7	---	---	---	20.6	18.5	19.4	23.5	20.0	21.5	26.3	24.2	25.0
8	---	---	---	20.0	18.9	19.6	22.4	16.5	20.3	27.8	24.1	25.8
9	15.7	11.1	12.9	23.0	19.8	21.3	19.4	14.3	16.8	28.8	25.1	27.1
10	18.5	12.0	14.8	24.1	21.3	22.6	21.6	17.0	18.9	28.9	26.2	27.6
11	17.1	13.7	15.3	22.8	17.5	21.5	21.6	19.1	20.2	30.0	26.8	28.0
12	18.2	15.1	16.9	19.7	14.5	17.4	21.2	19.8	20.3	30.3	27.0	28.3
13	19.8	17.2	18.6	20.2	16.6	18.4	23.1	20.4	21.4	30.6	27.1	28.6
14	19.2	15.5	16.6	20.2	17.8	19.0	22.2	20.3	21.4	28.4	24.6	26.5
15	16.5	14.9	15.8	19.4	18.9	19.1	22.1	20.7	21.3	27.2	22.5	25.3
16	18.3	15.5	16.4	22.1	18.5	20.4	24.9	20.2	22.0	27.5	24.2	25.8
17	20.2	15.4	17.1	22.2	20.1	21.3	27.3	21.9	24.3	27.5	24.9	26.0
18	22.0	16.5	18.6	21.6	19.8	20.8	27.2	22.6	24.7	28.9	25.5	27.0
19	19.6	16.7	18.7	20.5	17.0	19.5	25.8	23.0	24.4	29.2	26.5	27.6
20	16.8	13.9	15.7	20.2	15.3	17.7	26.6	22.6	24.3	28.8	26.7	27.5
21	17.2	14.2	15.8	21.5	17.9	19.3	25.7	21.8	23.7	29.7	26.6	27.9
22	18.3	15.1	16.5	20.8	18.8	19.5	24.8	20.4	22.6	30.9	26.1	28.3
23	18.0	16.1	17.0	21.6	19.0	20.0	23.6	21.9	22.7	32.1	27.2	29.3
24	19.4	17.0	17.9	21.5	19.6	20.3	26.2	22.4	23.8	31.3	27.0	29.0
25	19.9	17.5	18.3	23.2	19.7	21.3	24.0	20.3	22.0	32.5	27.6	29.8
26	20.8	18.2	19.2	24.4	21.9	22.8	25.9	20.7	23.0	32.3	29.0	30.5
27	20.7	17.3	18.7	23.9	20.6	22.5	27.1	23.1	24.9	31.7	28.6	29.9
28	19.0	16.0	17.8	24.3	19.5	21.8	28.0	22.6	24.9	33.2	27.5	29.8
29	19.6	17.0	18.3	24.7	21.9	22.7	26.6	22.8	24.2	32.6	27.2	29.7
30	---	---	---	26.4	22.3	24.1	25.3	22.9	23.9	31.4	28.1	29.8
31	---	---	---	24.0	20.5	22.1	---	---	---	29.8	28.3	29.1
MONTH	---	---	---	26.4	14.5	20.4	28.0	14.3	22.1	33.2	22.5	27.3

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.0	27.6	28.8	31.3	28.5	29.8	30.3	28.3	29.3	---	---	---
2	31.1	28.2	29.1	31.2	28.3	29.8	30.2	28.1	29.3	---	---	---
3	32.1	28.0	29.8	31.0	29.3	30.1	29.2	28.0	28.6	---	---	---
4	30.4	28.5	29.2	31.2	29.1	30.2	31.7	27.9	29.6	---	---	---
5	28.5	27.6	28.2	32.6	29.2	30.3	32.2	28.9	30.6	---	---	---
6	29.7	27.0	28.2	32.9	28.9	30.9	33.1	30.3	31.5	---	---	---
7	28.2	24.7	26.7	34.4	30.2	32.2	31.1	29.6	30.2	---	---	---
8	29.3	26.0	27.5	34.5	30.9	32.5	31.3	29.3	30.2	---	---	---
9	29.0	27.4	28.2	32.7	31.2	32.0	32.7	29.1	30.7	---	---	---
10	29.5	27.5	28.4	33.7	29.5	31.8	32.9	29.0	30.5	---	---	---
11	29.5	27.7	28.6	34.2	29.8	31.9	32.0	27.9	29.9	---	---	---
12	29.4	27.8	28.4	33.9	29.6	31.6	32.7	30.1	31.2	28.9	28.0	28.5
13	29.4	27.7	28.6	32.7	28.8	30.8	31.6	29.6	30.3	29.6	27.8	28.5
14	29.5	27.4	28.5	34.5	28.9	31.1	31.7	29.1	30.3	31.4	28.0	29.6
15	30.3	27.9	29.0	34.8	28.9	31.7	32.8	30.0	31.2	32.0	29.1	30.5
16	28.8	27.3	28.1	35.1	30.0	32.4	33.2	29.6	31.4	29.5	26.1	27.4
17	28.7	27.1	27.7	34.3	30.1	32.2	34.8	30.1	32.3	26.6	23.6	25.4
18	28.9	27.5	28.2	34.3	29.6	31.9	34.4	30.6	32.6	27.6	24.9	26.2
19	28.9	27.6	28.3	32.3	29.5	30.6	33.9	30.0	32.0	27.1	25.7	26.2
20	30.0	27.9	28.8	34.5	28.8	31.3	33.0	29.5	31.0	28.4	25.8	26.8
21	30.9	28.1	29.5	34.2	29.7	31.5	33.3	28.9	30.9	27.6	26.9	27.2
22	33.0	28.3	30.3	34.1	29.2	31.4	30.9	30.0	29.7	27.6	26.7	27.1
23	34.0	29.5	31.4	30.8	27.6	28.9	30.6	29.2	30.5	29.5	26.5	27.8
24	33.5	29.5	31.7	31.9	26.6	29.0	30.8	29.1	30.1	29.7	27.7	28.5
25	33.7	29.9	31.7	31.9	27.8	29.9	32.5	29.4	30.8	28.8	24.5	27.7
26	31.8	29.5	30.5	32.2	29.1	30.6	33.7	29.9	31.6	24.6	21.4	22.2
27	31.6	29.4	30.4	32.1	29.6	30.7	33.4	30.1	31.8	24.8	20.8	22.8
28	32.0	29.5	30.6	32.4	29.4	30.9	33.9	30.3	32.1	25.1	22.5	23.8
29	32.0	28.3	30.0	32.6	29.1	30.8	32.5	29.6	31.0	24.6	22.0	23.6
30	31.4	28.5	30.0	31.1	29.0	30.0	---	---	---	24.4	22.7	23.6
31	---	---	---	29.7	28.7	29.3	---	---	---	---	---	---
MONTH	34.0	24.7	29.1	35.1	26.6	30.9	---	---	---	---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR JUNE 1999 TO SEPTEMBER 1999

[illegible]

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	OCTOBER				NOVEMBER				DECEMBER				JANUARY			
	MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN	
1	7.8	7.6	7.7		---	---	---		8.1	8.0	8.0		8.3	8.0	8.2	
2	7.9	7.5	7.7		---	---	---		8.2	8.0	8.1		8.3	7.9	8.1	
3	7.7	7.4	7.6		---	---	---		8.1	7.9	8.0		8.4	7.9	8.0	
4	7.8	7.6	7.6		---	---	---		8.1	7.9	8.0		8.2	8.0	8.0	
5	7.9	7.6	7.7		---	---	---		8.1	8.0	8.0		8.0	7.9	8.0	
6	7.9	7.7	7.8		---	---	---		8.0	8.0	8.0		8.0	7.9	8.0	
7	7.9	7.2	7.6		---	---	---		8.0	7.9	8.0		8.1	8.0	8.0	
8	7.6	7.2	7.4		---	---	---		8.1	7.9	8.0		8.2	8.0	8.1	
9	7.8	7.4	7.6		---	---	---		8.2	8.0	8.1		8.4	8.0	8.2	
10	7.9	7.6	7.8		---	---	---		8.1	8.0	8.0		8.4	8.1	8.2	
11	7.9	7.8	7.8		---	---	---		8.2	7.9	8.1		8.3	8.0	8.1	
12	7.9	7.4	7.7		---	---	---		8.2	8.0	8.1		8.3	7.9	8.1	
13	7.9	7.7	7.8		---	---	---		8.0	7.9	8.0		8.2	7.9	8.0	
14	7.9	7.7	7.8		---	---	---		8.1	7.9	8.0		8.1	7.8	7.9	
15	7.9	7.6	7.8		---	---	---		8.1	7.9	8.0		8.4	7.9	8.0	
16	7.9	7.6	7.8		---	---	---		8.0	7.9	8.0		8.1	7.8	7.9	
17	7.9	7.7	7.8		---	---	---		8.1	7.9	8.0		8.2	7.8	8.0	
18	7.8	7.7	7.7		---	---	---		8.0	7.9	8.0		8.2	8.0	8.1	
19	7.7	7.7	7.7		---	---	---		8.1	7.9	8.0		8.1	7.9	8.0	
20	7.7	7.6	7.6		8.1	7.8	8.0		8.1	7.9	8.0		8.1	7.8	7.9	
21	7.6	7.5	7.6		8.1	7.8	8.0		8.0	7.9	7.9		8.0	7.8	7.8	
22	7.6	7.5	7.6		8.1	7.6	7.9		8.1	7.9	8.0		8.2	7.8	7.9	
23	7.7	7.6	7.6		8.0	7.5	7.8		8.3	7.9	8.0		7.9	7.8	7.8	
24	7.7	7.6	7.7		8.2	7.8	8.0		8.2	8.0	8.1		7.9	7.8	7.8	
25	---	---	---		8.0	7.9	7.9		8.3	7.9	8.1		8.1	7.8	7.9	
26	---	---	---		8.1	7.9	8.0		8.1	8.0	8.0		8.0	7.8	7.8	
27	---	---	---		8.1	7.9	8.1		8.3	8.0	8.1		7.8	7.8	7.8	
28	---	---	---		8.2	8.0	8.1		8.1	8.0	8.0		7.9	7.7	7.8	
29	---	---	---		8.1	8.0	8.1		8.1	7.8	8.0		8.2	7.8	8.0	
30	---	---	---		8.1	7.9	8.0		8.1	7.8	8.0		7.9	7.8	7.8	
31	---	---	---		---	---	---		8.2	7.9	8.1		8.2	7.7	7.9	
MONTH	---	---	---		---	---	---		8.3	7.8	8.0		8.4	7.7	8.0	

DAY	FEBRUARY				MARCH				APRIL				MAY			
	MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN		MAX	MIN	MEAN	
1	8.3	7.7	7.9		8.2	7.8	8.0		8.0	7.8	7.9		7.9	7.5	7.7	
2	8.1	7.7	7.8		8.1	7.9	8.0		8.0	7.9	7.9		8.0	7.5	7.8	
3	---	---	---		8.2	7.9	8.0		8.1	7.9	8.0		7.6	7.1	7.3	
4	---	---	---		8.2	7.9	8.1		8.1	8.1	8.1		7.6	7.1	7.4	
5	---	---	---		8.0	7.8	7.9		8.3	7.9	8.1		7.7	7.1	7.4	
6	---	---	---		8.1	7.7	7.9		8.4	7.9	8.2		7.8	7.3	7.5	
7	---	---	---		8.0	7.8	7.9		8.4	8.1	8.2		7.9	7.4	7.6	
8	---	---	---		8.0	7.8	7.8		8.3	7.9	8.0		8.1	7.5	7.8	
9	8.3	8.1	8.2		8.1	7.8	7.9		7.9	7.8	8.0		8.2	7.7	8.0	
10	8.2	8.0	8.2		8.3	7.7	8.0		8.1	7.7	7.9		8.1	7.8	8.0	
11	8.2	8.0	8.1		8.0	7.8	7.9		8.1	7.7	7.9		8.4	7.6	8.0	
12	8.3	8.0	8.1		8.0	7.8	7.9		7.9	7.5	7.7		8.3	7.6	7.9	
13	8.3	7.8	8.1		8.0	7.9	8.0		8.0	7.7	7.8		8.0	7.7	7.8	
14	8.1	7.8	7.9		8.1	7.9	8.0		7.8	7.6	7.8		8.0	7.7	7.8	
15	8.1	7.8	7.9		8.0	7.4	7.8		8.0	7.5	7.7		8.1	7.7	7.8	
16	8.0	7.7	7.8		7.9	7.5	7.8		8.0	7.7	7.9		8.0	7.6	7.8	
17	8.0	7.7	7.8		7.9	7.7	7.8		8.0	7.7	7.9		8.0	7.5	7.7	
18	8.1	7.6	7.8		7.9	7.5	7.8		8.1	7.7	7.9		8.1	7.6	7.8	
19	8.1	7.7	7.9		8.0	7.6	7.8		8.1	7.4	7.8		7.9	7.7	7.7	
20	8.2	7.8	7.9		8.2	7.9	8.0		8.2	7.4	7.8		8.1	7.5	7.7	
21	8.0	7.8	7.9		8.1	7.8	7.9		8.0	7.7	7.8		8.2	7.6	7.8	
22	8.1	7.8	8.0		8.1	7.8	7.9		7.9	7.5	7.7		8.1	7.8	7.9	
23	8.1	7.8	7.9		8.0	7.5	7.8		8.0	7.4	7.7		8.2	7.8	8.0	
24	8.1	7.9	7.9		8.0	7.5	7.8		8.1	7.6	7.9		8.2	7.9	8.1	
25	8.0	7.8	7.9		8.0	7.6	7.8		7.9	7.8	7.8		8.4	7.9	8.2	
26	8.1	7.9	8.0		8.0	7.7	7.9		8.0	7.7	7.8		8.5	7.9	8.2	
27	8.3	7.8	8.0		8.1	7.8	8.0		8.2	7.6	7.8		8.3	7.9	8.1	
28	8.0	7.8	7.9		8.2	7.7	8.0		8.1	7.8	7.9		8.2	7.7	7.9	
29	8.1	7.8	7.9		8.2	7.8	7.9		8.0	7.4	7.8		8.2	7.7	7.9	
30	---	---	---		8.1	7.8	8.0		8.0	7.3	7.6		7.9	7.7	7.8	
31	---	---	---		8.0	7.7	7.9		---	---	---		8.0	7.4	7.7	
MONTH	---	---	---		8.3	7.4	7.9		8.4	7.3	7.9		8.5	7.1	7.8	

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 sea level (levels determined by Global Positioning System).

REMARKS.-- Stage affected by wind and tide. Satellite telemetry at station. Site destroyed Sept. 30, 1998 by Hurricane Georges; re-established Apr. 22, 1999.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.35 ft, Oct. 6, 1996; minimum recorded, -4.91 ft, Aug. 26, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 2.93 ft, Oct. 8; minimum elevation recorded, -0.85 ft, Dec. 26-27.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.74	.90	1.37	1.56	.61	1.14	1.03	.61	.84	.84	-.30	.29
2	1.76	1.08	1.46	.65	-.13	.22	1.30	.68	.90	.91	-.22	.37
3	1.93	1.12	1.60	.34	-.14	.03	1.62	1.00	1.27	1.31	.10	.68
4	1.96	1.26	1.67	.56	.03	.30	1.73	1.18	1.50	1.44	-.52	.15
5	1.93	1.05	1.59	.77	.20	.50	1.71	.87	1.20	.34	-.45	-.12
6	1.95	1.05	1.62	.78	.24	.59	1.11	.15	.55	.58	-.43	.06
7	2.62	1.69	2.13	.79	.11	.47	1.10	.28	.73	.62	-.26	.15
8	2.93	2.38	2.62	1.05	.25	.64	1.44	.61	1.00	.88	.00	.42
9	2.61	1.56	2.06	1.33	.50	.88	1.65	.71	1.18	1.27	.05	.62
10	2.00	1.17	1.56	1.47	.65	1.12	1.84	.24	.87	1.27	-.01	.52
11	1.78	1.09	1.50	1.52	.45	.98	1.18	.38	.81	.72	-.13	.33
12	1.80	1.10	1.45	1.19	.46	.85	1.73	.60	1.10	.63	-.09	.30
13	1.70	.71	1.29	1.30	.51	.96	1.87	-.01	.87	.63	.10	.37
14	1.59	.83	1.21	1.25	.14	.71	.80	.05	.44	.64	.07	.39
15	1.53	.85	1.22	.88	.02	.45	.87	-.38	.18	.86	.63	.75
16	1.54	.75	1.20	.78	.14	.48	.56	-.08	.19	.78	-.16	.33
17	1.38	.33	.95	.94	.32	.63	.87	.23	.49	.90	-.19	.39
18	1.08	.20	.73	1.10	.66	.84	1.62	.69	1.08	.87	-.38	.24
19	1.12	.23	.72	1.25	.81	1.06	1.11	.21	.66	.75	-.53	.16
20	.94	.33	.66	1.30	.80	1.03	1.27	.03	.59	.73	-.70	-.10
21	1.02	.22	.70	1.50	.47	1.02	1.91	.69	1.10	.41	-.29	.10
22	.87	.21	.56	1.68	.67	1.20	1.34	-.01	.63	.97	.09	.51
23	.61	-.10	.24	1.79	.75	1.28	1.09	-.06	.49	1.03	-.10	.50
24	.80	.11	.54	1.61	.37	.97	.81	-.68	-.01	1.15	-.23	.35
25	.89	.22	.57	1.45	.09	.84	.33	-.49	-.03	.10	-.57	-.27
26	.94	.09	.56	1.33	.08	.67	.39	-.85	-.22	-.21	-.83	-.49
27	1.02	-.06	.51	1.18	.09	.68	-.04	-.85	-.38	.76	-.21	.04
28	1.03	-.06	.53	1.05	.04	.57	.04	-.66	-.34	2.08	.58	1.50
29	1.16	.51	.90	.78	-.02	.38	.07	-.71	-.39	1.70	.55	.98
30	1.67	1.07	1.38	.99	.33	.59	.39	-.34	-.02	.97	-.18	.28
31	1.90	1.07	1.52	---	---	---	.74	-.23	.26	.50	-.31	.15
MONTH	2.93	-.10	1.18	1.79	-.14	.74	1.91	-.85	.57	2.08	-.83	.32

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- July 1992 to September 1998. April 1999 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to September 1998. April 1999 to current year.

WATER TEMPERATURE: July 1992 to September 1998. April 1999 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 40,600 microsiemens, Sept. 7, 2000; minimum recorded, 156 microsiemens, Mar. 16, 1998.

WATER TEMPERATURE: Maximum, 33.6°C, Aug. 19, 1995; minimum, 5.0°C, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 40,600 microsiemens/cm, Sept. 7; minimum recorded, 7,300 microsiemens/cm, Mar. 9.

WATER TEMPERATURE: Maximum recorded, 32.3°C, July 11; minimum recorded, 8.6°C, Jan. 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25200	20900	23000	22300	18500	21200	21100	19400	20300	19500	16300	17200
2	25200	21700	23400	18600	17100	17800	22400	19800	20700	21400	17100	18500
3	27900	22800	25100	17700	15500	16700	26200	21700	23000	22100	18900	20000
4	29500	24300	26500	17200	16700	16900	30200	25000	27000	23400	16800	19500
5	28000	24900	26200	18200	17100	17600	31300	20300	24800	17200	14900	15900
6	28000	23900	25700	19300	17500	18000	20500	17500	19000	16600	14900	16100
7	37100	26000	30400	18800	16700	17700	21400	17500	19400	18200	15300	16800
8	37700	31400	35400	17700	16000	16900	25200	18500	23000	18800	14900	17200
9	32300	20700	25300	20900	16800	18700	29900	23200	25700	22800	16900	18800
10	22500	19400	20300	25500	19800	21900	26700	19200	22600	19400	16300	17700
11	19700	17900	19100	25100	19200	21500	25300	19000	22000	17400	16400	16800
12	19000	17600	18400	22300	18600	20100	27600	21400	24300	16900	15700	16300
13	18700	17600	18000	23600	18800	20800	25900	19200	22700	16600	15200	16000
14	18400	16700	17700	22400	18300	20000	19200	17600	18400	18100	16000	17000
15	18000	16600	17500	18400	17700	18000	18400	16600	17700	19700	17300	18600
16	18000	16600	17500	18200	17100	17700	18600	16300	16900	17600	15100	16600
17	17600	16500	17200	19200	16600	18000	18900	16900	18100	16900	15100	16200
18	17600	16000	17000	19900	18000	18800	25400	17800	22400	19500	15700	16900
19	17400	15100	16300	22700	19900	21400	21600	17800	19000	17500	15700	16300
20	17100	16100	16700	24400	19600	21000	19700	17100	18200	17600	15800	16400
21	17100	15300	16200	23000	18700	20600	23100	17200	20000	17300	14300	16400
22	17000	16600	16800	26100	22400	23800	18900	16100	17500	19900	15500	18000
23	17300	15900	16500	30900	23900	26100	17100	15500	16400	21900	17800	19000
24	17200	15600	16400	28800	20800	23700	16100	15500	15800	21100	16500	18300
25	17700	16600	17000	26300	19200	22100	15600	13500	14900	16900	15600	16100
26	17000	16100	16600	21900	18200	19500	15400	13500	14800	16000	14500	15400
27	17100	15900	16500	22600	18400	20000	15400	15000	15200	20200	13000	16000
28	17100	15700	16700	21600	18000	19400	15000	13800	14600	35600	20200	29800
29	20000	15900	18300	18600	17800	18200	15100	12300	14500	35000	22300	26500
30	25200	18600	22200	20800	16800	18900	14900	12300	13900	23000	17900	19900
31	27000	22000	23900	---	---	---	17400	14100	15500	19000	16600	17700
MONTH	37700	15100	20400	30900	15500	19800	31300	12300	19300	35600	13000	18000

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.4	23.2	24.3	21.2	20.0	20.6	15.8	14.7	15.1	13.9	12.6	13.1
2	25.0	23.0	24.1	20.0	17.9	19.3	15.2	14.3	14.9	16.0	13.2	13.9
3	25.1	23.5	24.4	18.7	17.5	18.1	16.2	14.9	15.6	15.6	14.1	14.9
4	25.2	24.5	24.8	18.2	17.6	17.9	16.5	15.9	16.3	15.3	13.4	14.8
5	25.1	24.5	24.9	18.3	17.2	17.8	16.6	15.9	16.4	13.7	12.7	13.2
6	24.6	23.4	23.9	19.2	17.6	18.1	16.0	14.8	15.3	13.8	12.2	13.2
7	24.1	23.4	23.8	19.6	17.5	18.2	15.2	14.6	15.0	13.9	12.8	13.2
8	24.3	23.8	24.0	19.4	17.7	18.4	14.7	14.4	14.6	14.1	12.6	13.1
9	24.7	23.9	24.3	20.4	18.6	19.1	16.1	14.7	15.3	14.8	13.0	13.8
10	24.6	24.2	24.3	21.0	19.1	19.8	15.8	15.1	15.4	15.8	13.8	14.7
11	25.4	24.0	24.6	21.0	19.6	20.3	16.0	14.8	15.3	17.1	15.0	15.6
12	25.2	24.4	24.7	20.8	19.7	20.3	16.8	15.1	15.8	17.5	15.2	16.0
13	26.4	24.4	25.2	20.9	19.4	20.1	16.2	15.3	15.8	17.9	15.6	16.4
14	26.6	24.8	25.6	21.1	19.7	20.4	16.4	15.0	15.5	16.1	14.8	15.7
15	26.6	25.0	25.8	20.3	18.9	19.8	15.8	14.2	15.2	14.8	14.0	14.4
16	26.9	25.0	26.0	19.5	18.4	19.1	15.0	14.0	14.5	15.7	14.3	14.8
17	27.1	25.8	26.4	19.3	17.5	18.2	14.3	13.4	14.0	16.1	14.5	15.1
18	26.3	25.0	25.6	18.1	17.3	17.5	14.0	13.1	13.8	16.7	15.3	15.8
19	25.4	23.6	24.8	18.2	17.3	17.9	13.1	12.8	12.9	17.8	15.4	16.4
20	24.5	21.6	23.7	19.0	17.9	18.3	13.3	12.5	12.8	17.3	16.0	16.5
21	23.0	21.6	22.6	19.5	18.1	18.6	13.1	12.1	12.6	16.3	14.3	15.0
22	22.3	20.6	21.6	20.2	19.0	19.4	12.4	11.5	12.1	14.7	13.7	14.1
23	20.8	19.3	20.3	21.2	19.5	20.0	12.1	11.3	11.7	15.1	14.1	14.6
24	20.6	19.1	19.8	20.4	19.9	20.1	12.1	11.1	11.6	14.6	13.1	14.1
25	19.7	18.5	19.0	20.3	18.7	19.6	11.9	10.8	11.5	13.1	11.7	12.5
26	20.0	18.4	19.1	19.3	17.8	18.5	12.1	10.6	11.3	11.8	10.1	11.3
27	20.8	18.5	19.6	18.5	17.4	17.9	12.2	10.6	11.1	11.8	9.8	10.3
28	20.9	19.0	19.9	18.5	17.2	17.8	11.5	10.5	11.0	9.8	8.9	9.1
29	20.4	19.4	19.8	17.9	16.9	17.5	11.5	10.2	10.9	9.6	9.0	9.4
30	20.5	19.7	20.2	17.2	15.1	16.2	12.5	11.1	11.6	9.9	8.9	9.3
31	20.7	20.2	20.4	---	---	---	12.7	11.7	12.2	10.1	8.6	9.2
MONTH	27.1	18.4	23.1	21.2	15.1	18.8	16.8	10.2	13.8	17.9	8.6	13.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.7	8.8	9.3	---	---	---	23.1	22.2	22.6	24.3	23.1	23.9
2	11.1	9.1	9.8	---	---	---	24.0	22.2	22.9	25.2	23.5	24.0
3	12.1	9.2	10.3	---	---	---	23.2	22.4	22.8	24.4	23.6	24.0
4	12.8	9.8	10.9	---	---	---	22.4	20.4	21.2	24.9	23.5	24.2
5	11.2	9.7	10.7	20.5	18.6	19.7	20.8	19.7	20.3	25.6	24.1	24.9
6	12.2	9.8	10.7	20.0	18.8	19.4	20.9	19.0	20.0	25.9	24.4	25.2
7	12.0	10.3	10.8	20.6	19.2	19.8	21.5	19.9	20.5	26.1	24.6	25.4
8	12.3	10.6	11.1	22.0	19.8	20.8	21.3	19.4	20.5	26.5	24.9	25.6
9	14.4	10.8	11.7	22.6	20.2	21.5	19.5	17.1	18.8	26.6	25.1	25.9
10	12.7	11.3	11.9	23.1	20.9	22.2	19.5	17.7	18.6	27.5	25.3	26.2
11	13.3	11.5	12.4	23.1	19.0	21.6	20.2	19.1	19.6	27.4	26.0	26.7
12	14.3	12.7	13.4	20.8	18.3	19.6	21.1	20.1	20.5	27.9	26.5	27.1
13	15.8	13.9	14.9	20.5	17.7	19.8	21.4	20.5	20.9	27.9	26.8	27.2
14	16.4	15.1	15.6	19.9	18.4	19.2	21.5	20.6	21.0	27.9	26.5	27.0
15	16.7	15.8	16.2	19.6	18.6	19.1	21.1	20.5	20.8	27.1	26.0	26.6
16	17.8	16.2	16.9	---	---	---	22.8	20.5	21.6	27.0	25.5	26.4
17	20.0	16.8	17.9	---	---	---	23.5	21.7	22.6	26.9	26.0	26.4
18	19.9	18.0	18.9	---	---	---	23.1	21.5	22.3	27.0	25.9	26.5
19	20.1	18.9	19.4	---	---	---	23.7	22.1	22.7	27.8	26.4	27.0
20	19.5	17.6	18.8	---	---	---	23.4	22.4	22.9	27.7	26.7	27.1
21	18.5	17.5	18.1	---	---	---	24.7	23.0	23.7	28.1	26.5	27.0
22	18.3	16.9	17.6	---	---	---	23.3	22.3	22.9	28.1	26.6	27.2
23	18.4	17.1	17.5	---	---	---	22.5	21.6	22.1	28.4	26.9	27.6
24	18.7	17.3	18.0	21.7	20.0	20.7	24.5	22.1	22.9	28.1	26.9	27.6
25	19.5	17.9	18.5	22.4	20.3	21.1	23.2	21.5	22.4	29.3	27.1	28.0
26	20.0	19.0	19.5	22.2	20.7	21.4	23.4	21.3	22.3	29.6	28.0	28.9
27	---	---	---	22.8	20.8	21.7	23.6	22.1	22.8	29.7	28.3	29.1
28	---	---	---	22.4	21.0	21.7	24.2	22.0	23.1	30.0	28.0	28.9
29	---	---	---	22.4	21.6	22.1	23.1	22.7	22.8	30.0	28.8	29.3
30	---	---	---	24.0	22.3	23.0	24.0	22.6	23.2	28.9	28.5	28.8
31	---	---	---	23.8	21.7	22.9	---	---	---	28.6	28.2	28.5
MONTH	---	---	---	---	---	---	24.7	17.1	21.7	30.0	23.1	26.7

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA

LOCATION.--Lat 29°25'23", long 89°57'02", Plaquemines Parish, Hydrologic Unit 08090301, on a two-tier wellhead platform 10.7 mi northeast of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

REMARKS.--Stage affected by wind and tide. Prior to December 1, 1993, at platform near present site, datum of gage was sea level (levels determined by Global Positioning System). From Dec. 2, 1993, to Sept. 30, 1995, datum of gage was 7.06 ft below sea level. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 4.54 ft, Aug. 25, 1992; minimum recorded elevation, -3.24 ft, revised, Feb. 8, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.10 ft, Oct. 8; minimum elevation, -0.83 ft, Jan. 5.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.28	1.00	1.62	1.83	.85	1.33	1.14	.83	1.01	1.14	-.12	.51
2	2.32	1.05	1.72	1.35	-.22	.56	2.11	1.00	1.37	1.22	-.05	.56
3	2.35	1.26	1.84	.91	.39	.68	2.31	1.52	1.91	1.66	.30	.95
4	2.42	1.20	1.90	.88	.59	.70	2.49	1.73	2.07	1.40	-.56	.02
5	2.12	1.20	1.69	.93	.38	.66	2.30	1.14	1.63	.86	-.83	-.07
6	2.10	1.26	1.66	1.15	.29	.73	1.68	.34	.95	1.00	-.55	.22
7	2.42	1.78	2.14	1.31	.15	.69	1.87	.55	1.15	.97	-.49	.18
8	3.10	2.26	2.66	1.64	.44	1.01	1.90	.61	1.25	1.44	-.16	.52
9	2.49	1.84	2.15	1.84	.50	1.10	2.10	.67	1.34	1.51	.10	.77
10	2.27	1.34	1.73	2.02	.74	1.32	2.10	.32	1.04	1.65	.20	.74
11	2.07	1.15	1.58	2.02	.69	1.26	2.05	.49	1.18	1.06	.17	.60
12	2.19	1.28	1.67	1.63	.43	.99	2.46	1.13	1.68	.97	.27	.59
13	2.04	1.06	1.55	1.74	.62	1.16	2.46	.38	1.14	1.02	.14	.58
14	2.11	1.01	1.53	1.78	.43	1.02	1.53	.64	1.09	.47	-.31	.02
15	2.21	1.03	1.57	1.37	.32	.82	1.56	.20	.71	1.01	.30	.71
16	2.11	1.03	1.57	1.20	.52	.90	.65	.22	.45	.98	.04	.52
17	2.11	.75	1.39	1.26	.69	.99	.84	.14	.48	1.36	-.12	.60
18	1.61	.75	1.15	1.32	.96	1.18	1.05	.51	.79	1.19	-.12	.59
19	1.75	.63	1.23	1.52	1.00	1.18	1.19	.14	.67	1.49	-.38	.49
20	1.06	.35	.72	1.46	1.05	1.28	1.45	-.02	.55	1.30	-.66	.15
21	1.11	.63	.91	2.02	.83	1.41	1.01	-.22	.36	1.18	-.64	.14
22	1.32	.95	1.11	2.19	.82	1.49	1.15	-.64	.20	1.61	.42	1.04
23	1.03	.48	.77	2.14	.81	1.47	1.05	-.59	.22	1.53	.08	.79
24	1.03	.11	.59	2.11	.53	1.32	.90	-.66	.11	1.53	-.46	.09
25	1.28	.14	.67	2.08	.25	1.11	.73	-.73	-.04	.32	-.09	.07
26	1.47	.11	.77	1.68	.08	.85	.70	-.69	.03	.11	-.52	-.18
27	1.60	.09	.82	1.70	.31	1.00	.56	-.35	.16	.78	-.01	.25
28	1.62	.10	.83	1.69	.34	.98	.56	-.33	.11	2.00	.23	1.12
29	1.73	.38	1.08	1.36	.37	.80	.53	.04	.26	.78	-.21	.29
30	2.08	.82	1.50	.95	.38	.62	.62	.05	.31	.56	-.61	.02
31	2.24	.74	1.41	---	---	---	.99	-.06	.46	---	---	---
MONTH	3.10	.09	1.40	2.19	-.22	1.02	2.49	-.73	.79	---	---	---

[illegible]

MISSISSIPPI RIVER DELTA

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.82	7.32	7.58	---	---	---	7.14	6.66	6.97	6.64	6.18	6.40
2	7.81	7.38	7.61	---	---	---	7.16	6.88	6.99	6.68	6.25	6.47
3	7.98	7.46	7.76	---	---	---	7.54	7.09	7.27	7.31	6.37	6.61
4	8.08	7.59	7.83	---	---	---	7.71	7.46	7.58	7.64	5.75	6.72
5	8.00	7.66	7.84	---	---	---	7.89	7.32	7.59	6.11	5.49	5.89
6	8.02	7.52	7.77	---	---	---	7.38	6.61	6.89	6.30	6.02	6.16
7	8.75	7.81	8.16	---	---	---	7.11	6.78	6.93	6.55	6.14	6.32
8	9.02	8.64	8.84	---	---	---	7.35	6.93	7.18	6.63	6.21	6.47
9	8.99	8.15	8.45	---	---	---	7.63	7.22	7.44	6.97	6.48	6.75
10	8.33	7.63	7.97	---	---	---	7.67	6.79	7.22	6.98	6.32	6.67
11	7.92	7.60	7.74	---	---	---	7.26	6.77	7.03	6.68	6.28	6.47
12	7.86	7.48	7.68	---	---	---	7.44	6.99	7.26	6.62	6.26	6.43
13	7.70	7.33	7.52	---	---	---	7.70	6.75	7.29	6.63	6.15	6.46
14	7.67	7.23	7.47	---	---	---	6.78	6.42	6.62	6.65	5.94	6.40
15	7.63	7.25	7.44	---	---	---	7.05	6.08	6.57	6.99	6.65	6.88
16	7.74	7.25	7.51	---	---	---	6.53	6.02	6.23	6.86	6.35	6.56
17	7.51	7.07	7.34	---	---	---	6.84	6.44	6.60	6.69	6.28	6.49
18	7.19	6.66	7.03	---	---	---	7.67	6.78	7.23	6.73	6.29	6.50
19	7.22	6.60	7.00	---	---	---	7.37	6.70	6.93	6.66	6.18	6.43
20	7.08	6.75	6.91	7.62	7.32	7.44	7.14	6.54	6.87	6.81	5.72	6.29
21	7.10	6.66	6.87	7.56	7.18	7.36	7.69	6.67	7.32	6.40	5.93	6.23
22	6.83	6.63	6.72	7.70	7.34	7.53	7.32	6.63	7.03	6.87	6.23	6.61
23	6.66	6.16	6.46	7.90	7.40	7.63	7.13	6.61	6.87	7.60	6.62	6.91
24	6.77	6.28	6.56	7.73	7.23	7.49	6.83	6.00	6.49	7.62	6.01	6.89
25	---	---	---	7.83	7.06	7.43	6.42	6.00	6.18	6.50	5.73	6.25
26	---	---	---	7.35	6.80	7.11	6.34	5.80	6.12	6.05	5.49	5.76
27	---	---	---	7.23	6.78	7.02	5.96	5.57	5.75	6.95	5.81	6.16
28	---	---	---	7.11	6.63	6.90	6.26	5.43	5.81	8.33	6.37	7.59
29	---	---	---	6.87	6.41	6.69	5.76	5.43	5.55	8.15	7.19	7.60
30	---	---	---	6.99	6.39	6.73	6.15	5.76	5.94	7.59	6.35	6.86
31	---	---	---	---	---	---	6.51	6.07	6.23	6.92	6.37	6.53
MONTH	---	---	---	---	---	---	7.89	5.43	6.77	8.33	5.49	6.54

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.74	6.42	6.55	7.05	6.56	6.79	7.52	6.63	7.00	7.17	6.86	6.99
2	6.84	6.36	6.56	6.85	6.35	6.57	7.67	7.12	7.38	7.28	6.97	7.16
3	---	---	---	6.82	6.41	6.62	7.85	7.17	7.41	7.51	6.99	7.33
4	---	---	---	6.69	5.94	6.24	7.70	5.62	6.69	7.68	7.14	7.38
5	---	---	---	6.50	6.20	6.36	6.56	5.66	6.27	7.86	7.31	7.58
6	---	---	---	6.70	6.43	6.57	6.46	6.20	6.33	7.78	7.33	7.55
7	---	---	---	6.78	6.56	6.68	6.95	6.26	6.54	7.67	7.21	7.40
8	---	---	---	7.05	6.76	6.95	7.09	6.15	6.71	7.50	7.03	7.22
9	6.25	5.96	6.12	7.01	6.75	6.87	6.54	5.78	6.11	7.41	6.94	7.12
10	6.21	5.99	6.06	7.04	6.68	6.82	6.72	6.06	6.35	7.26	6.74	6.94
11	6.43	6.17	6.24	7.16	6.59	6.87	7.11	6.37	6.70	7.07	6.64	6.81
12	6.60	6.20	6.35	6.60	6.08	6.34	7.27	6.72	6.99	6.96	6.65	6.80
13	6.88	6.29	6.53	6.80	6.32	6.49	7.32	6.84	7.06	7.10	6.45	6.81
14	6.90	6.42	6.64	7.09	6.37	6.69	7.25	6.84	7.05	6.79	6.30	6.59
15	7.07	6.56	6.75	7.95	6.36	7.18	7.67	7.22	7.48	7.14	6.34	6.74
16	7.18	6.62	6.89	7.95	7.37	7.65	7.72	7.08	7.42	7.08	6.66	6.86
17	7.00	6.51	6.76	7.62	7.10	7.31	7.08	6.36	6.71	7.19	6.71	6.93
18	7.05	6.64	6.84	7.36	6.13	7.01	6.77	6.20	6.49	7.42	6.95	7.16
19	7.20	6.49	6.81	8.33	7.00	7.43	6.82	6.37	6.57	7.30	6.98	7.14
20	6.75	6.32	6.58	7.00	6.21	6.64	6.90	6.53	6.69	7.30	6.89	7.07
21	6.62	6.31	6.48	6.99	6.12	6.68	6.80	6.33	6.51	7.24	6.78	6.95
22	6.73	6.35	6.46	6.93	6.71	6.80	6.76	6.11	6.43	6.98	6.24	6.77
23	7.15	6.73	6.95	6.97	6.41	6.62	7.14	6.10	6.61	6.95	6.39	6.62
24	7.17	6.78	6.98	7.04	6.63	6.82	7.52	6.55	7.03	6.65	6.23	6.40
25	7.34	6.82	7.02	7.02	6.29	6.78	6.83	6.37	6.57	6.65	6.19	6.38
26	7.78	7.04	7.25	6.97	5.81	6.43	6.78	6.26	6.52	6.83	6.43	6.58
27	7.49	6.72	7.03	7.44	6.43	6.66	6.92	6.43	6.63	6.89	6.67	6.76
28	7.09	6.67	6.85	6.84	6.01	6.45	6.73	6.09	6.34	6.74	6.22	6.47
29	7.09	6.61	6.81	7.24	6.52	6.82	6.85	6.28	6.55	6.48	6.10	6.28
30	---	---	---	7.31	6.09	6.89	6.86	6.43	6.67	6.96	6.31	6.71
31	---	---	---	7.02	6.31	6.79	---	---	---	7.51	6.71	7.08
MONTH	---	---	---	8.33	5.81	6.77	7.85	5.62	6.73	7.86	6.10	6.92

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.60	7.20	7.40	7.03	6.24	6.64	7.06	6.56	6.78	---	---	---
2	7.50	7.18	7.34	7.17	6.60	6.84	7.04	6.61	6.81	---	---	---
3	7.38	6.89	7.09	7.24	6.64	6.92	7.05	6.67	6.87	---	---	---
4	7.10	6.56	6.84	7.34	6.82	7.06	7.02	6.68	6.83	---	---	---
5	7.04	6.42	6.65	7.34	6.91	7.09	6.92	6.50	6.64	---	---	---
6	6.84	6.29	6.57	7.26	6.82	7.00	6.72	6.46	6.58	---	---	---
7	7.21	6.54	6.85	7.05	6.36	6.77	7.01	6.61	6.84	---	---	---
8	7.23	6.68	6.95	6.94	6.58	6.74	7.25	6.77	7.01	---	---	---
9	7.44	6.88	7.14	7.16	6.62	6.83	7.03	6.70	6.86	---	---	---
10	7.51	7.12	7.33	6.88	6.59	6.73	7.16	6.45	6.73	---	---	---
11	7.52	7.13	7.36	6.68	6.39	6.54	7.16	6.40	6.89	---	---	---
12	7.40	7.11	7.27	6.49	6.20	6.38	7.04	6.75	6.90	8.42	8.11	8.25
13	7.40	7.00	7.11	6.24	6.00	6.14	7.17	6.70	6.94	8.14	7.85	7.98
14	7.28	6.85	7.05	6.55	5.57	5.93	7.30	6.85	7.05	7.99	7.79	7.86
15	7.38	6.90	7.10	6.40	5.70	6.02	7.10	6.78	6.89	7.92	7.33	7.64
16	7.52	6.87	7.15	6.54	6.03	6.22	6.82	6.39	6.57	8.29	7.71	8.04
17	7.66	6.98	7.29	6.54	6.06	6.27	6.73	6.32	6.50	8.40	8.18	8.28
18	7.72	7.24	7.45	6.48	6.05	6.24	6.75	6.42	6.58	8.56	7.96	8.32
19	7.63	7.14	7.36	6.42	6.04	6.22	6.75	6.23	6.43	8.07	7.72	7.90
20	7.42	7.01	7.19	6.35	5.89	6.12	6.79	5.65	6.25	8.22	7.83	8.00
21	7.28	6.82	7.01	6.50	5.78	6.12	6.67	5.81	6.48	8.35	7.97	8.15
22	7.07	6.45	6.64	6.76	6.16	6.41	7.53	6.65	7.05	8.80	8.05	8.40
23	6.82	6.30	6.55	6.91	6.15	6.50	7.63	7.17	7.41	8.35	7.90	8.15
24	6.83	6.39	6.59	6.43	6.06	6.28	7.51	7.15	7.33	8.16	7.56	7.86
25	---	---	---	6.79	6.34	6.58	7.39	7.02	7.21	7.86	7.22	7.58
26	6.94	6.15	6.73	6.94	6.46	6.72	7.22	6.83	6.98	7.40	6.91	7.13
27	7.12	6.66	6.90	7.08	6.55	6.81	7.11	6.50	6.89	7.66	6.95	7.26
28	7.12	6.77	6.92	7.14	6.66	6.90	6.99	6.67	6.84	7.87	7.34	7.55
29	6.82	6.43	6.66	7.03	6.61	6.81	6.89	6.38	6.61	8.22	7.55	7.86
30	7.13	6.25	6.59	6.89	6.46	6.69	---	---	---	8.24	8.01	8.12
31	---	---	---	6.97	6.42	6.64	---	---	---	---	---	---
MONTH	---	---	---	7.34	5.57	6.55	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1999 to current year.

WATER TEMPERATURE: June 1999 to current year.

pH: June 1999 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance, salinity, pH, dissolved oxygen, turbidity, and water temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 22,600 microsiemens, Sept. 11, 2000; minimum recorded, 8,850 microsiemens, June 28, 1999.

WATER TEMPERATURE: Maximum, 35.1°C, July 16, 2000; minimum, 7.4°C, Jan. 26, 2000.

pH: Maximum recorded, 8.6 units, June 27, 1999; minimum recorded, 6.9 units, Aug. 7, 2000

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: 1999 Water Year: Maximum for the period June 3 to Sept. 30, 17,500 microsiemens/cm, Sept. 27; minimum, 8,850 microsiemens/cm, June 28.

2000 Water Year: Maximum, 22,600 microsiemens/cm, Sept. 11; minimum, 12,800 microsiemens/cm, Feb. 14.

WATER TEMPERATURE: 1999 Water Year: Maximum for the period June 3 to Sept. 30, 33.9°C, July 23; minimum, 22.3°C, Sept. 30.

2000 Water Year: Maximum, 35.1°C, July 16; minimum, 7.4°C, Jan. 26.

pH: 1999 Water Year: Maximum for the period June 3 to Sept. 30, 8.6 units, June 27; minimum, 7.0 units, July 9.

2000 Water Year: Maximum, 8.5 units, May 26; minimum, 6.9 units, Aug. 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR JUNE 1999 TO SEPTEMBER 1999

[illegible]

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	16200	15300	15700	---	---	---	17000	16300	16700	14900	13900	14400
2	16700	15800	16200	---	---	---	16300	15800	16000	14700	14200	14400
3	18500	16400	17100	---	---	---	18500	16100	16900	17800	14400	15300
4	17900	16700	17200	---	---	---	17500	16600	16900	18200	15700	16600
5	18000	16700	17200	---	---	---	16900	16500	16600	16100	14600	14800
6	16900	16700	16800	---	---	---	16800	16500	16600	14900	14700	14800
7	17200	16800	16900	---	---	---	16800	16700	16700	15100	14800	14900
8	20100	17200	18100	---	---	---	16700	16700	16700	15700	15000	15300
9	18900	18000	18200	---	---	---	16700	16700	16700	15800	15200	15500
10	18200	15600	17200	---	---	---	16800	16400	16700	15600	13600	14600
11	17800	15900	17200	---	---	---	16600	15900	16300	14500	13800	14100
12	17700	17600	17700	---	---	---	16500	15900	16100	14400	14200	14300
13	17700	17400	17500	---	---	---	16600	14900	16200	14500	14100	14400
14	17600	17300	17500	---	---	---	16100	15200	15700	14800	14400	14600
15	17500	15400	16700	---	---	---	15900	15500	15800	14800	14300	14500
16	16600	15200	15500	---	---	---	16000	15800	15900	15700	14300	15100
17	15700	15200	15400	---	---	---	15900	15800	15800	15700	15200	15400
18	15500	14900	15100	---	---	---	15800	15500	15700	15800	15400	15500
19	14900	14800	14800	---	---	---	15800	15700	15700	15600	13900	15100
20	15600	14800	15400	17700	17000	17400	15900	15400	15700	15300	14200	14700
21	15600	15300	15500	17700	16300	17000	15900	15300	15600	15400	15000	15300
22	15300	14800	15000	18600	16900	17400	16100	15900	16000	15200	15000	15100
23	15200	14200	14900	18700	17400	18200	16200	16000	16100	15400	14600	15000
24	14500	14100	14400	18200	16400	16800	16100	15900	16000	14900	14500	14700
25	---	---	---	16800	16400	16700	16200	16100	16100	15300	14900	15100
26	---	---	---	17000	15100	16200	16200	15900	16100	15400	15300	15300
27	---	---	---	15200	14700	14900	15900	14500	15200	15400	15200	15300
28	---	---	---	15200	14700	15000	15400	14500	14900	15200	14800	15000
29	---	---	---	16300	14800	15300	15700	14500	14700	15200	14900	14900
30	---	---	---	17100	16300	16800	15800	14900	15400	15400	15200	15300
31	---	---	---	---	---	---	15300	14600	15100	15400	15200	15300
MONTH	---	---	---	---	---	---	18500	14500	16000	18200	13600	15000
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	15600	15200	15400	16300	15700	16000	14700	14600	14700	16700	16100	16300
2	16100	15600	15900	16200	15700	15900	15400	14700	15000	16600	16200	16400
3	---	---	---	16200	15600	15900	15700	13300	15200	19500	16600	17600
4	---	---	---	15800	15600	15700	15600	13000	15000	19900	17200	18400
5	---	---	---	15800	15600	15700	16000	14800	15400	20000	17900	19000
6	---	---	---	15600	15300	15400	16100	15800	16000	19400	17700	18800
7	---	---	---	15700	15300	15500	16400	16000	16200	19000	16500	17700
8	---	---	---	15700	15400	15600	16400	16000	16100	18200	16900	17400
9	16300	14200	15300	15600	13800	15300	16300	16100	16200	17500	16400	17100
10	15900	14900	15500	15300	13900	14900	16300	16200	16300	17200	14800	16900
11	15800	15300	15700	15300	14900	15100	16400	16300	16300	17200	13900	16500
12	15900	14700	15400	15600	15100	15400	18300	16400	17000	17100	16700	16900
13	15600	13000	14900	15200	15100	15200	17100	16600	16800	17200	16800	17000
14	14600	12800	14200	15300	15100	15200	17000	16500	16700	16800	16100	16300
15	15600	14600	15100	21900	15200	16900	16700	16300	16500	16200	16000	16000
16	15300	13800	14200	18400	14700	16400	16300	14000	14600	16100	15800	15900
17	14400	13900	14000	16000	14800	15400	15000	14100	14500	16000	15800	15900
18	16200	14300	14800	15900	15200	15500	14900	14400	14500	16300	16000	16100
19	16000	14500	15500	15900	13900	14800	14900	14300	14700	16700	16000	16400
20	14500	14300	14400	14300	14100	14200	15700	14700	15100	17200	16700	17000
21	15500	14300	14700	15000	14200	14600	15900	15300	15700	17700	17200	17400
22	15800	15100	15300	15000	14900	15000	15300	14400	14600	18300	17300	17700
23	16000	15600	15800	15900	14900	15300	15200	14700	14900	18400	17500	18000
24	16200	15900	16100	16000	15200	15500	15600	15000	15200	18000	17600	17900
25	16600	16100	16300	15800	15200	15400	15400	15000	15100	18100	17500	17800
26	16600	16100	16400	15700	15300	15500	15500	15000	15300	17800	17100	17500
27	16500	16300	16400	15800	14900	15200	15600	15400	15500	17600	16900	17200
28	16500	16300	16400	15000	14800	14900	15900	15200	15700	17500	16300	17100
29	16400	16200	16300	14900	14500	14900	16200	14000	15500	16600	16000	16300
30	---	---	---	14900	14700	14800	16500	15900	16200	16200	15700	15900
31	---	---	---	14900	14700	14800	---	---	---	16900	15400	15900
MONTH	---	---	---	21900	13800	15400	18300	13000	15600	20000	13900	17000

MISSISSIPPI RIVER DELTA

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

TEMPERATURE, WATER (DEG. C), WATER YEAR JUNE 1999 TO SEPTEMBER 1999

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.1	20.9	22.5	---	---	---	16.0	12.9	14.7	15.0	13.1	14.0
2	23.9	22.0	23.1	---	---	---	17.1	14.7	15.8	17.8	13.2	14.8
3	24.8	23.5	24.0	---	---	---	17.8	15.6	16.6	20.0	14.5	16.6
4	25.3	24.1	24.7	---	---	---	17.4	16.8	17.1	18.2	11.3	14.6
5	24.8	22.9	23.8	---	---	---	18.0	15.3	17.2	13.1	10.1	11.8
6	23.7	20.8	22.6	---	---	---	15.3	13.4	14.0	13.3	10.6	12.1
7	24.5	23.1	23.7	---	---	---	14.6	12.1	13.7	14.3	11.7	12.9
8	24.2	23.8	23.9	---	---	---	15.3	13.2	14.2	13.7	12.1	13.0
9	24.4	23.8	24.0	---	---	---	17.7	15.0	16.1	19.2	13.5	16.7
10	24.6	23.9	24.2	---	---	---	17.4	15.0	15.9	19.1	16.1	17.4
11	25.5	24.0	24.6	---	---	---	16.6	14.2	15.4	18.2	15.4	16.3
12	25.1	24.0	24.6	---	---	---	18.6	15.9	17.1	19.3	15.0	16.6
13	25.6	24.1	24.8	---	---	---	18.0	14.8	16.6	19.8	15.9	17.9
14	26.7	24.2	25.3	---	---	---	16.3	13.9	15.1	16.5	13.3	14.5
15	26.1	24.5	25.1	---	---	---	15.6	12.4	14.5	15.3	12.8	14.0
16	26.8	24.3	25.4	---	---	---	13.6	11.0	12.4	16.8	14.2	15.0
17	27.7	25.1	26.3	---	---	---	14.2	12.2	13.2	17.4	14.3	15.7
18	25.9	23.6	24.8	---	---	---	13.7	12.6	13.2	18.9	16.1	17.3
19	24.4	22.0	23.6	---	---	---	12.9	12.4	12.7	20.4	17.4	18.4
20	22.0	19.6	20.9	20.7	18.3	19.5	13.4	12.1	12.8	18.4	13.8	16.6
21	21.3	18.1	19.6	21.0	19.0	19.7	12.7	11.2	12.1	13.8	10.8	12.5
22	21.9	18.0	20.2	20.4	19.2	19.5	12.2	10.1	11.1	16.5	12.4	14.5
23	21.0	18.5	19.8	20.7	18.9	19.8	12.2	9.6	10.9	16.2	15.4	15.8
24	18.5	15.8	17.2	20.7	19.3	20.0	12.7	10.1	11.4	15.4	10.9	13.3
25	---	---	---	19.7	16.8	18.6	11.4	9.1	10.4	11.1	8.6	9.9
26	---	---	---	18.3	15.5	16.8	12.0	9.4	10.6	10.0	7.4	8.9
27	---	---	---	18.1	15.8	17.0	13.5	10.2	11.7	8.9	7.6	8.3
28	---	---	---	18.2	15.8	17.1	12.4	10.1	11.3	9.6	7.9	8.8
29	---	---	---	18.5	15.7	17.0	13.0	9.1	10.8	9.4	8.9	9.2
30	---	---	---	16.3	14.2	15.2	14.8	10.7	12.5	10.3	8.1	9.1
31	---	---	---	---	---	---	17.2	12.4	14.1	10.3	7.8	9.1
MONTH	---	---	---	---	---	---	18.6	9.1	13.7	20.4	7.4	13.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.9	8.5	9.9	21.7	18.3	19.8	22.2	21.3	21.8	24.9	22.8	23.7
2	12.1	9.4	10.8	21.7	19.2	20.5	23.6	21.9	22.6	25.4	23.1	24.1
3	---	---	---	23.0	19.2	21.0	23.3	21.3	22.6	24.4	23.4	23.9
4	---	---	---	20.6	17.3	18.9	21.3	17.5	19.3	25.5	23.2	24.2
5	---	---	---	20.2	16.0	18.3	21.9	15.9	19.1	25.4	23.9	24.7
6	---	---	---	20.9	18.1	19.1	22.0	19.0	20.5	26.6	23.8	25.1
7	---	---	---	20.6	18.5	19.4	23.5	20.0	21.5	26.3	24.2	25.0
8	---	---	---	20.0	18.9	19.6	22.4	16.5	20.3	27.8	24.1	25.8
9	15.7	11.1	12.9	23.0	19.8	21.3	19.4	14.3	16.8	28.8	25.1	27.1
10	18.5	12.0	14.8	24.1	21.3	22.6	21.6	17.0	18.9	28.9	26.2	27.6
11	17.1	13.7	15.3	22.8	17.5	21.5	21.6	19.1	20.2	30.0	26.8	28.0
12	18.2	15.1	16.9	19.7	14.5	17.4	21.2	19.8	20.3	30.3	27.0	28.3
13	19.8	17.2	18.6	20.2	16.6	18.4	23.1	20.4	21.4	30.6	27.1	28.6
14	19.2	15.5	16.6	20.2	17.8	19.0	22.2	20.3	21.4	28.4	24.6	26.5
15	16.5	14.9	15.8	19.4	18.9	19.1	22.1	20.7	21.3	27.2	22.5	25.3
16	18.3	15.5	16.4	22.1	18.5	20.4	24.9	20.2	22.0	27.5	24.2	25.8
17	20.2	15.4	17.1	22.2	20.1	21.3	27.3	21.9	24.3	27.5	24.9	26.0
18	22.0	16.5	18.6	21.6	19.8	20.8	27.2	22.6	24.7	28.9	25.5	27.0
19	19.6	16.7	18.7	20.5	17.0	19.5	25.8	23.0	24.4	29.2	26.5	27.6
20	16.8	13.9	15.7	20.2	15.3	17.7	26.6	22.6	24.3	28.8	26.7	27.5
21	17.2	14.2	15.8	21.5	17.9	19.3	25.7	21.8	23.7	29.7	26.6	27.9
22	18.3	15.1	16.5	20.8	18.8	19.5	24.8	20.4	22.6	30.9	26.1	28.3
23	18.0	16.1	17.0	21.6	19.0	20.0	23.6	21.9	22.7	32.1	27.2	29.3
24	19.4	17.0	17.9	21.5	19.6	20.3	26.2	22.4	23.8	31.3	27.0	29.0
25	19.9	17.5	18.3	23.2	19.7	21.3	24.0	20.3	22.0	32.5	27.6	29.8
26	20.8	18.2	19.2	24.4	21.9	22.8	25.9	20.7	23.0	32.3	29.0	30.5
27	20.7	17.3	18.7	23.9	20.6	22.5	27.1	23.1	24.9	31.7	28.6	29.9
28	19.0	16.0	17.8	24.3	19.5	21.8	28.0	22.6	24.9	33.2	27.5	29.8
29	19.6	17.0	18.3	24.7	21.9	22.7	26.6	22.8	24.2	32.6	27.2	29.7
30	---	---	---	26.4	22.3	24.1	25.3	22.9	23.9	31.4	28.1	29.8
31	---	---	---	24.0	20.5	22.1	---	---	---	29.8	28.3	29.1
MONTH	---	---	---	26.4	14.5	20.4	28.0	14.3	22.1	33.2	22.5	27.3

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.0	27.6	28.8	31.3	28.5	29.8	30.3	28.3	29.3	---	---	---
2	31.1	28.2	29.1	31.2	28.3	29.8	30.2	28.1	29.3	---	---	---
3	32.1	28.0	29.8	31.0	29.3	30.1	29.2	28.0	28.6	---	---	---
4	30.4	28.5	29.2	31.2	29.1	30.2	31.7	27.9	29.6	---	---	---
5	28.5	27.6	28.2	32.6	29.2	30.3	32.2	28.9	30.6	---	---	---
6	29.7	27.0	28.2	32.9	28.9	30.9	33.1	30.3	31.5	---	---	---
7	28.2	24.7	26.7	34.4	30.2	32.2	31.1	29.6	30.2	---	---	---
8	29.3	26.0	27.5	34.5	30.9	32.5	31.3	29.3	30.2	---	---	---
9	29.0	27.4	28.2	32.7	31.2	32.0	32.7	29.1	30.7	---	---	---
10	29.5	27.5	28.4	33.7	29.5	31.8	32.9	29.0	30.5	---	---	---
11	29.5	27.7	28.6	34.2	29.8	31.9	32.0	27.9	29.9	---	---	---
12	29.4	27.8	28.4	33.9	29.6	31.6	32.7	30.1	31.2	28.9	28.0	28.5
13	29.4	27.7	28.6	32.7	28.8	30.8	31.6	29.6	30.3	29.6	27.8	28.5
14	29.5	27.4	28.5	34.5	28.9	31.1	31.7	29.1	30.3	31.4	28.0	29.6
15	30.3	27.9	29.0	34.8	28.9	31.7	32.8	30.0	31.2	32.0	29.1	30.5
16	28.8	27.3	28.1	35.1	30.0	32.4	33.2	29.6	31.4	29.5	26.1	27.4
17	28.7	27.1	27.7	34.3	30.1	32.2	34.8	30.1	32.3	26.6	23.6	25.4
18	28.9	27.5	28.2	34.3	29.6	31.9	34.4	30.6	32.6	27.6	24.9	26.2
19	28.9	27.6	28.3	32.3	29.5	30.6	33.9	30.0	32.0	27.1	25.7	26.2
20	30.0	27.9	28.8	34.5	28.8	31.3	33.0	29.5	31.0	28.4	25.8	26.8
21	30.9	28.1	29.5	34.2	29.7	31.5	33.3	28.9	30.9	27.6	26.9	27.2
22	33.0	28.3	30.3	34.1	29.2	31.4	30.9	30.0	30.5	27.6	26.7	27.1
23	34.0	29.5	31.4	30.8	27.6	28.9	30.6	29.2	29.9	29.5	26.5	27.8
24	33.5	29.5	31.7	31.9	26.6	29.0	30.8	29.1	30.1	29.7	27.7	28.5
25	33.7	29.9	31.7	31.9	27.8	29.9	32.5	29.4	30.8	28.8	24.5	27.7
26	31.8	29.5	30.5	32.2	29.1	30.6	33.7	29.9	31.6	24.6	21.4	22.2
27	31.6	29.4	30.4	32.1	29.6	30.7	33.4	30.1	31.8	24.8	20.8	22.8
28	32.0	29.5	30.6	32.4	29.4	30.9	33.9	30.3	32.1	25.1	22.5	23.8
29	32.0	28.3	30.0	32.6	29.1	30.8	32.5	29.6	31.0	24.6	22.0	23.6
30	31.4	28.5	30.0	31.1	29.0	30.0	---	---	---	24.4	22.7	23.6
31	---	---	---	29.7	28.7	29.3	---	---	---	---	---	---
MONTH	34.0	24.7	29.1	35.1	26.6	30.9	---	---	---	---	---	---

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR JUNE 1999 TO SEPTEMBER 1999

[illegible]

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.8	7.6	7.7	---	---	---	8.1	8.0	8.0	8.3	8.0	8.2
2	7.9	7.5	7.7	---	---	---	8.2	8.0	8.1	8.3	7.9	8.1
3	7.7	7.4	7.6	---	---	---	8.1	7.9	8.0	8.4	7.9	8.0
4	7.8	7.6	7.6	---	---	---	8.1	7.9	8.0	8.2	8.0	8.0
5	7.9	7.6	7.7	---	---	---	8.1	8.0	8.0	8.0	7.9	8.0
6	7.9	7.7	7.8	---	---	---	8.0	8.0	8.0	8.0	7.9	8.0
7	7.9	7.2	7.6	---	---	---	8.0	7.9	8.0	8.1	8.0	8.0
8	7.6	7.2	7.4	---	---	---	8.1	7.9	8.0	8.2	8.0	8.1
9	7.8	7.4	7.6	---	---	---	8.2	8.0	8.1	8.4	8.0	8.2
10	7.9	7.6	7.8	---	---	---	8.1	8.0	8.0	8.4	8.1	8.2
11	7.9	7.8	7.8	---	---	---	8.2	7.9	8.1	8.3	8.0	8.1
12	7.9	7.4	7.7	---	---	---	8.2	8.0	8.1	8.3	7.9	8.1
13	7.9	7.7	7.8	---	---	---	8.0	7.9	8.0	8.2	7.9	8.0
14	7.9	7.7	7.8	---	---	---	8.1	7.9	8.0	8.1	7.8	7.9
15	7.9	7.6	7.8	---	---	---	8.1	7.9	8.0	8.4	7.9	8.0
16	7.9	7.6	7.8	---	---	---	8.0	7.9	8.0	8.1	7.8	7.9
17	7.9	7.7	7.8	---	---	---	8.1	7.9	8.0	8.2	7.8	8.0
18	7.8	7.7	7.7	---	---	---	8.0	7.9	8.0	8.2	8.0	8.1
19	7.7	7.7	7.7	---	---	---	8.1	7.9	8.0	8.1	7.9	8.0
20	7.7	7.6	7.6	8.1	7.8	8.0	8.1	7.9	8.0	8.1	7.8	7.9
21	7.6	7.5	7.6	8.1	7.8	8.0	8.0	7.9	7.9	8.0	7.8	7.8
22	7.6	7.5	7.6	8.1	7.6	7.9	8.1	7.9	8.0	8.2	7.8	7.9
23	7.7	7.6	7.6	8.0	7.5	7.8	8.3	7.9	8.0	7.9	7.8	7.8
24	7.7	7.6	7.7	8.2	7.8	8.0	8.2	8.0	8.1	7.9	7.8	7.8
25	---	---	---	8.0	7.9	7.9	8.3	7.9	8.0	8.1	7.8	7.9
26	---	---	---	8.1	7.9	8.0	8.1	8.0	8.0	8.0	7.8	7.8
27	---	---	---	8.1	7.9	8.1	8.3	8.0	8.1	7.8	7.8	7.8
28	---	---	---	8.2	8.0	8.1	8.1	8.0	8.0	7.9	7.7	7.8
29	---	---	---	8.1	8.0	8.1	8.1	7.8	8.0	8.2	7.8	8.0
30	---	---	---	8.1	7.9	8.0	8.1	7.8	8.0	7.9	7.8	7.8
31	---	---	---	---	---	---	8.2	7.9	8.1	8.2	7.7	7.9
MONTH	---	---	---	---	---	---	8.3	7.8	8.0	8.4	7.7	8.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.3	7.7	7.9	8.2	7.8	8.0	8.0	7.8	7.9	7.9	7.5	7.7
2	8.1	7.7	7.8	8.1	7.9	8.0	8.0	7.9	7.9	8.0	7.5	7.8
3	---	---	---	8.2	7.9	8.0	8.1	7.9	8.0	7.6	7.1	7.3
4	---	---	---	8.2	7.9	8.0	8.1	8.1	8.1	7.6	7.1	7.4
5	---	---	---	8.0	7.8	7.9	8.3	7.9	8.1	7.7	7.1	7.4
6	---	---	---	8.1	7.7	7.9	8.4	7.9	8.2	7.8	7.3	7.5
7	---	---	---	8.0	7.8	7.9	8.4	8.1	8.2	7.9	7.4	7.6
8	---	---	---	8.0	7.8	7.8	8.3	7.9	8.0	8.1	7.5	7.8
9	8.3	8.1	8.2	8.1	7.8	7.9	7.9	7.8	7.9	8.2	7.7	8.0
10	8.2	8.0	8.2	8.3	7.7	8.0	8.1	7.7	7.9	8.1	7.8	8.0
11	8.2	8.0	8.1	8.0	7.8	7.9	8.1	7.7	7.9	8.4	7.6	8.0
12	8.3	8.0	8.1	8.0	7.8	7.9	7.9	7.5	7.7	8.3	7.6	7.9
13	8.3	7.8	8.1	8.0	7.9	7.9	8.0	7.7	7.8	8.0	7.7	7.8
14	8.1	7.8	7.9	8.1	7.9	8.0	7.8	7.6	7.8	8.0	7.7	7.8
15	8.1	7.8	7.9	8.0	7.4	7.8	8.0	7.5	7.7	8.1	7.7	7.8
16	8.0	7.7	7.8	7.9	7.5	7.8	8.0	7.7	7.9	8.0	7.6	7.8
17	8.0	7.7	7.8	7.9	7.7	7.8	8.0	7.7	7.9	8.0	7.5	7.7
18	8.1	7.6	7.8	7.9	7.5	7.8	8.1	7.7	7.9	8.1	7.6	7.8
19	8.1	7.7	7.9	8.0	7.6	7.8	8.1	7.4	7.8	7.9	7.6	7.7
20	8.2	7.8	7.9	8.2	7.9	8.0	8.2	7.4	7.8	8.1	7.5	7.7
21	8.0	7.8	7.9	8.1	7.8	7.9	8.0	7.7	7.8	8.2	7.6	7.8
22	8.1	7.8	8.0	8.1	7.8	7.9	7.9	7.5	7.7	8.1	7.8	7.9
23	8.1	7.8	7.9	8.0	7.5	7.8	8.0	7.4	7.7	8.2	7.8	8.0
24	8.1	7.9	7.9	8.0	7.5	7.7	8.1	7.6	7.9	8.2	7.9	8.1
25	8.0	7.8	7.9	8.0	7.6	7.8	7.9	7.8	7.8	8.4	7.9	8.2
26	8.1	7.9	8.0	8.0	7.7	7.9	8.0	7.7	7.8	8.5	7.9	8.2
27	8.3	7.8	8.0	8.1	7.8	8.0	8.2	7.6	7.8	8.3	7.9	8.1
28	8.0	7.8	7.9	8.2	7.7	8.0	8.1	7.8	7.9	8.2	7.7	7.9
29	8.1	7.8	7.9	8.2	7.8	7.9	8.0	7.4	7.8	8.2	7.7	7.9
30	---	---	---	8.1	7.8	8.0	8.0	7.3	7.6	7.9	7.7	7.8
31	---	---	---	8.0	7.7	7.9	---	---	---	8.0	7.4	7.7
MONTH	---	---	---	8.3	7.4	7.9	8.4	7.3	7.9	8.5	7.1	7.8

MISSISSIPPI RIVER DELTA

0738023325 LAKE PONTCHARTRAIN AT LINCOLN BEACH NEAR LITTLE WOODS, LA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.9	7.4	7.6	8.0	7.5	7.7	8.1	7.6	7.9	---	---	---
2	8.0	7.5	7.7	8.0	7.4	7.7	8.1	7.1	7.7	---	---	---
3	8.1	7.7	7.9	8.0	7.2	7.4	7.9	7.1	7.3	---	---	---
4	8.1	7.6	7.8	7.8	7.4	7.6	8.0	7.1	7.6	---	---	---
5	8.0	7.7	7.8	7.9	7.3	7.7	8.0	7.5	7.7	---	---	---
6	8.0	7.5	7.8	8.0	7.3	7.6	8.3	7.2	7.7	---	---	---
7	7.8	7.6	7.7	8.1	7.6	7.9	7.3	6.9	7.1	---	---	---
8	8.0	7.2	7.7	8.0	7.7	7.9	7.6	6.9	7.2	---	---	---
9	7.9	7.1	7.5	8.2	7.6	7.9	7.8	6.9	7.3	---	---	---
10	7.6	7.3	7.5	8.1	7.6	7.9	7.9	6.9	7.5	---	---	---
11	7.6	7.3	7.4	8.1	7.8	8.0	8.0	7.3	7.6	---	---	---
12	7.7	7.3	7.4	8.1	7.8	7.9	8.0	7.2	7.6	7.9	7.4	7.7
13	7.8	7.0	7.5	8.1	7.8	7.9	7.8	7.0	7.3	8.2	7.6	7.9
14	7.7	7.0	7.4	8.1	7.7	7.9	7.6	7.0	7.3	8.2	7.9	8.0
15	8.0	7.2	7.6	8.0	7.7	7.8	8.2	7.3	7.6	8.3	7.9	8.1
16	8.1	7.2	7.6	8.1	7.6	7.8	8.1	7.5	7.8	8.1	7.8	8.0
17	7.9	7.1	7.5	8.2	7.7	7.9	8.1	7.6	7.9	8.0	7.9	7.9
18	7.8	7.1	7.3	8.1	7.7	7.9	8.1	7.6	7.9	7.9	7.7	7.8
19	7.6	7.1	7.4	8.2	7.7	7.9	8.2	7.7	7.9	8.1	7.7	7.9
20	7.7	7.2	7.5	8.2	7.7	7.9	8.2	7.7	7.9	8.3	7.9	8.2
21	7.9	7.3	7.6	8.2	7.7	8.0	8.1	7.3	7.8	8.2	8.0	8.1
22	8.1	7.7	7.9	8.3	7.7	7.9	7.9	7.1	7.5	8.2	7.9	8.0
23	8.2	7.6	7.9	8.1	7.8	7.9	7.6	7.3	7.4	8.3	7.8	8.2
24	8.1	7.7	8.0	8.3	7.7	8.0	7.7	7.3	7.5	8.3	7.9	8.1
25	8.3	7.7	8.0	8.2	7.9	8.0	7.9	7.5	7.7	8.1	7.8	8.0
26	8.1	7.8	8.0	8.4	8.0	8.2	8.2	7.6	7.9	8.1	7.9	8.1
27	8.2	7.6	7.9	8.3	7.9	8.1	8.1	7.7	7.9	8.0	7.9	8.0
28	8.2	7.6	8.0	8.3	7.8	8.0	8.1	7.8	7.9	8.2	7.9	8.1
29	8.0	7.6	7.9	8.1	7.8	7.9	8.0	7.8	7.9	8.1	8.0	8.1
30	8.0	7.6	7.7	8.0	7.4	7.7	---	---	---	8.3	7.8	---
31	---	---	---	8.0	7.3	7.6	---	---	---	---	---	---
MONTH	8.3	7.0	7.7	8.4	7.2	7.9	---	---	---	---	---	---

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 sea level (levels determined by Global Positioning System).

REMARKS.-- Stage affected by wind and tide. Satellite telemetry at station. Site destroyed Sept. 30, 1998 by Hurricane Georges; re-established Apr. 22, 1999.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.35 ft, Oct. 6, 1996; minimum recorded, -4.91 ft, Aug. 26, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 2.93 ft, Oct. 8; minimum elevation recorded, -0.85 ft, Dec. 26-27.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.74	.90	1.37	1.56	.61	1.14	1.03	.61	.84	.84	-.30	.29
2	1.76	1.08	1.46	.65	-.13	.22	1.30	.68	.90	.91	-.22	.37
3	1.93	1.12	1.60	.34	-.14	.03	1.62	1.00	1.27	1.31	.10	.68
4	1.96	1.26	1.67	.56	.03	.30	1.73	1.18	1.50	1.44	-.52	.15
5	1.93	1.05	1.59	.77	.20	.50	1.71	.87	1.20	.34	-.45	-.12
6	1.95	1.05	1.62	.78	.24	.59	1.11	.15	.55	.58	-.43	.06
7	2.62	1.69	2.13	.79	.11	.47	1.10	.28	.73	.62	-.26	.15
8	2.93	2.38	2.62	1.05	.25	.64	1.44	.61	1.00	.88	.00	.42
9	2.61	1.56	2.06	1.33	.50	.88	1.65	.71	1.18	1.27	.05	.62
10	2.00	1.17	1.56	1.47	.65	1.12	1.84	.24	.87	1.27	-.01	.52
11	1.78	1.09	1.50	1.52	.45	.98	1.18	.38	.81	.72	-.13	.33
12	1.80	1.10	1.45	1.19	.46	.85	1.73	.60	1.10	.63	-.09	.30
13	1.70	.71	1.29	1.30	.51	.96	1.87	-.01	.87	.63	.10	.37
14	1.59	.83	1.21	1.25	.14	.71	.80	.05	.44	.64	.07	.39
15	1.53	.85	1.22	.88	.02	.45	.87	-.38	.18	.86	.63	.75
16	1.54	.75	1.20	.78	.14	.48	.56	-.08	.19	.78	-.16	.33
17	1.38	.33	.95	.94	.32	.63	.87	.23	.49	.90	-.19	.39
18	1.08	.20	.73	1.10	.66	.84	1.62	.69	1.08	.87	-.38	.24
19	1.12	.23	.72	1.25	.81	1.06	1.11	.21	.66	.75	-.53	.16
20	.94	.33	.66	1.30	.80	1.03	1.27	.03	.59	.73	-.70	-.10
21	1.02	.22	.70	1.50	.47	1.02	1.91	.69	1.10	.41	-.29	.10
22	.87	.21	.56	1.68	.67	1.20	1.34	-.01	.63	.97	.09	.51
23	.61	-.10	.24	1.79	.75	1.28	1.09	-.06	.49	1.03	-.10	.50
24	.80	.11	.54	1.61	.37	.97	.81	-.68	-.01	1.15	-.23	.35
25	.89	.22	.57	1.45	.09	.84	.33	-.49	-.03	.10	-.57	-.27
26	.94	.09	.56	1.33	.08	.67	.39	-.85	-.22	-.21	-.83	-.49
27	1.02	-.06	.51	1.18	.09	.68	-.04	-.85	-.38	.76	-.21	.04
28	1.03	-.06	.53	1.05	.04	.57	.04	-.66	-.34	2.08	.58	1.50
29	1.16	.51	.90	.78	-.02	.38	.07	-.71	-.39	1.70	.55	.98
30	1.67	1.07	1.38	.99	.33	.59	.39	-.34	-.02	.97	-.18	.28
31	1.90	1.07	1.52	---	---	---	.74	-.23	.26	.50	-.31	.15
MONTH	2.93	-.10	1.18	1.79	-.14	.74	1.91	-.85	.57	2.08	-.83	.32

MISSISSIPPI RIVER DELTA

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.66	-.30	.22	.97	-.03	.47	1.58	.49	.94	1.04	.63	.85
2	.63	-.32	.12	.81	-.30	.28	1.64	.80	1.19	1.25	.78	1.05
3	.55	-.43	.02	.79	-.04	.38	1.45	.72	1.19	1.46	.64	1.18
4	.43	-.70	-.18	.40	-.53	-.02	.89	-.22	.28	1.56	.72	1.24
5	.07	-.47	-.30	.51	-.06	.21	.57	-.24	.22	1.89	.97	1.47
6	.10	-.64	-.24	.64	-.02	.35	.52	-.15	.20	1.64	.79	1.28
7	.23	-.57	-.15	.62	.19	.47	.94	-.08	.50	1.50	.62	1.08
8	.17	-.52	-.09	.89	.56	.75	.40	-.35	.13	1.37	.46	.99
9	.12	-.53	-.16	.86	.45	.68	.71	-.48	.07	1.31	.41	.91
10	.21	-.24	-.04	1.02	.35	.71	.79	-.46	.20	1.12	.22	.74
11	.34	-.04	.11	.98	.00	.55	1.13	.10	.60	.99	.24	.68
12	.64	-.17	.21	.66	-.35	.18	1.26	.28	.82	.97	.35	.73
13	1.18	-.20	.45	.82	-.22	.36	1.18	.29	.80	.99	.33	.68
14	.89	-.10	.43	1.26	-.08	.51	1.35	.52	.95	1.14	.33	.68
15	1.21	.00	.56	2.06	.53	1.09	1.55	1.18	1.38	1.23	.26	.76
16	1.21	-.04	.55	2.06	.89	1.42	1.58	.69	1.09	1.06	.23	.72
17	1.01	-.06	.51	1.50	.62	1.03	.82	-.11	.37	1.23	.46	.89
18	1.09	.14	.63	1.28	.44	.84	.93	-.09	.45	1.51	.53	1.09
19	1.01	-.08	.40	1.66	.35	1.07	.95	-.01	.49	1.31	.59	.97
20	.56	.03	.25	.69	.21	.44	.99	.21	.60	1.40	.43	.94
21	.43	.08	.26	.93	.29	.66	.83	-.10	.34	1.24	.21	.73
22	.49	.04	.26	.81	.09	.55	.97	-.21	.43	1.00	-.02	.54
23	1.01	.42	.73	.87	.07	.51	1.34	-.03	.64	.96	-.16	.40
24	.90	.41	.67	.94	.32	.66	1.19	.38	.81	.76	-.23	.27
25	1.12	.46	.78	.99	.34	.65	.82	-.09	.43	.89	-.20	.35
26	1.25	.59	.95	.88	.11	.55	.84	-.09	.42	.88	.13	.54
27	.88	.07	.56	.91	.12	.49	1.02	.04	.52	.88	.44	.63
28	1.03	.17	.61	.96	.13	.58	.77	-.29	.14	.46	-.06	.21
29	.99	.00	.49	1.29	.19	.77	.75	.28	.53	.65	-.13	.21
30	---	---	---	1.24	.49	.80	.89	.15	.55	1.00	.15	.62
31	---	---	---	1.01	.22	.69	---	---	---	1.36	.46	1.04
MONTH	1.25	-.70	.30	2.06	-.53	.60	1.64	-.48	.58	1.89	-.23	.79
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.48	.62	1.13	1.29	-.12	.61	1.16	.01	.65	---	---	---
2	1.44	.47	1.03	1.18	-.08	.65	1.04	.15	.66	---	---	---
3	1.24	.21	.78	1.26	.07	.73	.96	.33	.67	---	---	---
4	1.26	-.05	.60	1.28	.16	.78	.85	.30	.60	---	---	---
5	1.05	-.10	.41	1.18	.23	.78	.53	.29	.40	---	---	---
6	.96	-.28	.36	.91	.29	.65	.67	.29	.47	---	---	---
7	1.25	.18	.75	.75	.11	.48	.94	.47	.72	---	---	---
8	1.15	.19	.71	.75	.21	.50	1.08	.31	.78	2.39	1.32	1.92
9	1.34	.53	.93	.88	.15	.58	.94	.09	.60	2.10	1.22	1.72
10	1.32	.77	1.07	.82	.05	.52	---	---	---	1.78	1.10	1.51
11	1.31	.75	1.04	.67	-.18	.29	---	---	---	1.83	1.07	1.52
12	1.17	.47	.89	.60	-.38	.21	---	---	---	1.77	.92	1.47
13	1.12	.36	.81	.28	-.50	-.03	---	---	---	1.50	.87	1.20
14	1.21	.34	.80	.21	-.74	-.22	---	---	---	1.41	.80	1.16
15	1.28	.35	.85	.61	-.77	.00	---	---	---	1.30	.76	.99
16	1.38	.37	.91	.63	-.47	.14	.71	-.08	.35	1.68	1.06	1.42
17	1.53	.31	1.04	.45	-.53	.07	.69	-.03	.36	1.69	1.41	1.59
18	1.62	.61	1.14	.51	-.43	.11	.74	.16	.47	2.02	1.08	1.52
19	1.57	.67	1.09	.47	-.40	.05	.44	.07	.24	1.34	.58	1.00
20	1.40	.44	.93	.44	-.43	.00	---	---	---	1.48	.69	1.11
21	1.13	.36	.71	.45	-.35	.07	---	---	---	1.56	.92	1.30
22	.71	.03	.34	.73	-.15	.35	---	---	---	1.95	.86	1.53
23	.80	-.08	.43	.73	.01	.24	---	---	---	1.59	.46	1.15
24	.79	.11	.44	.48	-.07	.21	1.39	.50	1.02	1.30	.35	.92
25	.74	.15	.47	.78	.10	.44	1.34	.27	.90	.92	-.22	.50
26	.85	.41	.62	.92	.04	.57	1.09	.22	.69	.71	-.33	.29
27	1.03	.40	.75	1.09	.07	.64	1.12	.10	.67	.94	.21	.58
28	1.09	.15	.75	1.17	.07	.70	1.00	.14	.61	1.06	.48	.84
29	.95	-.26	.46	1.08	.05	.63	.65	-.05	.33	1.42	.83	1.14
30	1.08	-.28	.54	1.12	-.09	.51	.88	-.15	.44	1.46	1.17	1.30
31	---	---	---	1.07	-.08	.53	1.16	.45	.76	---	---	---
MONTH	1.62	-.28	.76	1.29	-.77	.38	---	---	---	---	---	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- July 1992 to September 1998. April 1999 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to September 1998. April 1999 to current year.

WATER TEMPERATURE: July 1992 to September 1998. April 1999 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 40,600 microsiemens, Sept. 7, 2000; minimum recorded, 156 microsiemens, Mar. 16, 1998.

WATER TEMPERATURE: Maximum, 33.6°C, Aug. 19, 1995; minimum, 5.0°C, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 40,600 microsiemens/cm, Sept. 7; minimum recorded, 7,300 microsiemens/cm, Mar. 9.

WATER TEMPERATURE: Maximum recorded, 32.3°C, July 11; minimum recorded, 8.6°C, Jan. 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25200	20900	23000	22300	18500	21200	21100	19400	20300	19500	16300	17200
2	25200	21700	23400	18600	17100	17800	22400	19800	20700	21400	17100	18500
3	27900	22800	25100	17700	15500	16700	26200	21700	23000	22100	18900	20000
4	29500	24300	26500	17200	16700	16900	30200	25000	27000	23400	16800	19500
5	28000	24900	26200	18200	17100	17600	31300	20300	24800	17200	14900	15900
6	28000	23900	25700	19300	17500	18000	20500	17500	19000	16600	14900	16100
7	37100	26000	30400	18800	16700	17700	21400	17500	19400	18200	15300	16800
8	37700	31400	35400	17700	16000	16900	25200	18500	23000	18800	14900	17200
9	32300	20700	25300	20900	16800	18700	29900	23200	25700	22800	16900	18800
10	22500	19400	20300	25500	19800	21900	26700	19200	22600	19400	16300	17700
11	19700	17900	19100	25100	19200	21500	25300	19000	22000	17400	16400	16800
12	19000	17600	18400	22300	18600	20100	27600	21400	24300	16900	15700	16300
13	18700	17600	18000	23600	18800	20800	25900	19200	22700	16600	15200	16000
14	18400	16700	17700	22400	18300	20000	19200	17600	18400	18100	16000	17000
15	18000	16600	17500	18400	17700	18000	18400	16600	17700	19700	17300	18600
16	18000	16600	17500	18200	17100	17700	18600	16300	16900	17600	15100	16600
17	17600	16500	17200	19200	16600	18000	18900	16900	18100	16900	15100	16200
18	17600	16000	17000	19900	18000	18800	25400	17800	22400	19500	15700	16900
19	17400	15100	16300	22700	19900	21400	21600	17800	19000	17500	15700	16300
20	17100	16100	16700	24400	19600	21000	19700	17100	18200	17600	15800	16400
21	17100	15300	16200	23000	18700	20600	23100	17200	20000	17300	14300	16400
22	17000	16600	16800	26100	22400	23800	18900	16100	17500	19900	15500	18000
23	17300	15900	16500	30900	23900	26100	17100	15500	16400	21900	17800	19000
24	17200	15600	16400	28800	20800	23700	16100	15500	15800	21100	16500	18300
25	17700	16600	17000	26300	19200	22100	15600	13500	14900	16900	15600	16100
26	17000	16100	16600	21900	18200	19500	15400	13500	14800	16000	14500	15400
27	17100	15900	16500	22600	18400	20000	15400	15000	15200	20200	13000	16000
28	17100	15700	16700	21600	18000	19400	15000	13800	14600	35600	20200	29800
29	20000	15900	18300	18600	17800	18200	15100	12300	14500	35000	22300	26500
30	25200	18600	22200	20800	16800	18900	14900	12300	13900	23000	17900	19900
31	27000	22000	23900	---	---	---	17400	14100	15500	19000	16600	17700
MONTH	37700	15100	20400	30900	15500	19800	31300	12300	19300	35600	13000	18000

MISSISSIPPI RIVER DELTA

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	19200	16800	17900	---	---	---	20800	15800	18100	16000	12500	13500
2	20700	16400	17900	---	---	---	23300	20300	21400	15900	12200	14400
3	18300	16100	16900	---	---	---	22400	19600	20800	20300	14300	17300
4	17100	15800	16200	---	---	---	19600	16900	17700	22400	15300	17600
5	16600	15500	16100	18000	15500	16700	17000	15000	16000	24900	17400	19800
6	16100	14700	15600	19800	17500	19100	16100	14900	15700	22700	18800	20100
7	16900	14700	15700	21500	14500	18200	15800	13900	15000	19900	17500	18600
8	17200	15200	15800	15900	12300	14100	16500	15200	15700	18500	16800	17600
9	17400	15300	15800	13200	7300	9960	16700	13200	15200	17900	16900	17500
10	17500	15000	15600	16600	9620	12900	14500	11600	13500	17700	16300	17100
11	23200	15100	17000	16000	12800	14000	14700	11900	13300	17000	15900	16700
12	26800	15500	20200	12900	10100	11200	16700	14100	15100	16500	14900	16000
13	25500	18900	22000	11600	9980	10800	17100	15100	15800	16500	15200	16100
14	26500	20500	22800	13100	10100	10800	16000	13700	15000	16600	14900	15800
15	28000	23200	25100	27300	11800	19400	21000	14500	17000	15900	14400	15400
16	30500	24100	26300	---	---	---	20200	16200	17700	15600	14600	15200
17	28100	22300	24900	---	---	---	16900	16200	16500	15500	14600	15000
18	28000	23000	25400	---	---	---	17200	12500	15000	17500	15300	16100
19	27200	21100	24100	---	---	---	14700	10800	12900	16700	16100	16400
20	24600	19600	22400	---	---	---	12400	10300	11800	16300	15600	16000
21	22600	19600	21200	---	---	---	15200	10700	13700	16300	15600	15900
22	23400	20300	21200	---	---	---	15900	10100	13000	16600	15700	16100
23	27000	22800	24900	---	---	---	13200	9420	10900	16600	15800	16200
24	27000	23700	25000	20800	18300	19400	14000	12200	12900	16400	15500	16100
25	27400	23200	25000	20100	17900	19100	13500	11400	12600	16200	14800	15700
26	27800	25000	25900	19000	17400	18500	13200	10500	12100	15600	14900	15200
27	---	---	---	18800	18000	18500	12200	10600	11500	16000	15100	15600
28	---	---	---	18900	16200	18100	15300	11300	13600	15900	15700	15800
29	---	---	---	20900	17000	18400	13500	11000	12200	16100	15100	15700
30	---	---	---	22400	18700	19700	13500	10700	11800	18100	15000	16300
31	---	---	---	18900	17500	18300	---	---	---	22000	17400	19300
MONTH	---	---	---	---	---	---	23300	9420	14800	24900	12200	16500
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	23100	20700	21600	19400	17200	18200	27400	24600	25500	---	---	---
2	22000	21500	21700	20500	17100	18300	27900	25300	26000	---	---	---
3	21500	20200	20900	21800	17700	19100	26800	25500	26100	---	---	---
4	20600	18900	19700	22000	19000	19900	25800	23900	25300	---	---	---
5	19600	17400	18400	21500	19500	20200	24800	23100	24100	---	---	---
6	18300	17100	17700	20800	18800	19400	24500	22600	23400	---	---	---
7	19800	18200	18600	19200	18400	18700	27000	23300	25300	---	---	---
8	23800	19000	20500	19000	18000	18400	26500	24900	25500	39300	34500	36700
9	26500	21000	22900	19500	17800	18500	25100	24500	24800	35600	33000	34800
10	26900	23500	24800	18800	17800	18500	---	---	---	33000	29300	30800
11	25800	23200	24500	18600	18100	18300	---	---	---	32300	26300	29200
12	24300	23100	24000	18200	17700	18000	---	---	---	30200	28000	28900
13	23300	22200	22600	18000	17300	17600	---	---	---	28000	24500	25300
14	22500	21000	22000	17400	16300	16700	---	---	---	24800	22700	23400
15	22500	21100	21900	19800	15800	17200	---	---	---	24300	21500	22300
16	22300	20800	21500	19000	17400	18000	24900	23000	23700	30500	23200	27700
17	24400	20600	21900	19300	18000	18500	23600	22200	22700	31700	28200	30000
18	24400	21900	22600	19900	18300	18700	22900	22300	22500	31200	27600	29400
19	23100	21200	22100	19700	18100	18600	22700	21200	22000	27600	23600	25700
20	22100	20300	21100	19700	18400	18800	---	---	---	26100	23500	24800
21	20800	19100	19800	19800	18700	19000	---	---	---	27600	23800	25700
22	19300	17700	18500	25400	19000	21700	---	---	---	31000	25600	28100
23	19200	17500	18400	25200	19400	20800	---	---	---	27700	24200	26300
24	19100	16700	18300	21400	19000	20000	30300	27000	28300	25000	23400	24000
25	18400	17400	18000	27800	20800	22900	28600	26100	27100	23700	21600	22200
26	19700	17500	18800	28000	22300	24400	26300	24200	24800	22400	20500	21600
27	20700	18400	19400	28800	24400	25700	26000	23200	24400	22500	20800	21600
28	19600	18700	19200	29700	25200	26400	24500	22700	23600	25300	21800	23500
29	19200	17400	18500	28100	25100	26100	23600	21100	21900	26800	23100	25200
30	19400	16700	18000	27500	24400	25400	23500	19900	21300	28200	25000	26800
31	---	---	---	26700	23500	25100	25700	23200	24200	---	---	---
MONTH	26900	16700	20600	29700	15800	20200	---	---	---	---	---	---

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.4	23.2	24.3	21.2	20.0	20.6	15.8	14.7	15.1	13.9	12.6	13.1
2	25.0	23.0	24.1	20.0	17.9	19.3	15.2	14.3	14.9	16.0	13.2	13.9
3	25.1	23.5	24.4	18.7	17.5	18.1	16.2	14.9	15.6	15.6	14.1	14.9
4	25.2	24.5	24.8	18.2	17.6	17.9	16.5	15.9	16.3	15.3	13.4	14.8
5	25.1	24.5	24.9	18.3	17.2	17.8	16.6	15.9	16.4	13.7	12.7	13.2
6	24.6	23.4	23.9	19.2	17.6	18.1	16.0	14.8	15.3	13.8	12.2	13.2
7	24.1	23.4	23.8	19.6	17.5	18.2	15.2	14.6	15.0	13.9	12.8	13.2
8	24.3	23.8	24.0	19.4	17.7	18.4	14.7	14.4	14.6	14.1	12.6	13.1
9	24.7	23.9	24.3	20.4	18.6	19.1	16.1	14.7	15.3	14.8	13.0	13.8
10	24.6	24.2	24.3	21.0	19.1	19.8	15.8	15.1	15.4	15.8	13.8	14.7
11	25.4	24.0	24.6	21.0	19.6	20.3	16.0	14.8	15.3	17.1	15.0	15.6
12	25.2	24.4	24.7	20.8	19.7	20.3	16.8	15.1	15.8	17.5	15.2	16.0
13	26.4	24.4	25.2	20.9	19.4	20.1	16.2	15.3	15.8	17.9	15.6	16.4
14	26.6	24.8	25.6	21.1	19.7	20.4	16.4	15.0	15.5	16.1	14.8	15.7
15	26.6	25.0	25.8	20.3	18.9	19.8	15.8	14.2	15.2	14.8	14.0	14.4
16	26.9	25.0	26.0	19.5	18.4	19.1	15.0	14.0	14.5	15.7	14.3	14.8
17	27.1	25.8	26.4	19.3	17.5	18.2	14.3	13.4	14.0	16.1	14.5	15.1
18	26.3	25.0	25.6	18.1	17.3	17.5	14.0	13.1	13.8	16.7	15.3	15.8
19	25.4	23.6	24.8	18.2	17.3	17.9	13.1	12.8	12.9	17.8	15.4	16.4
20	24.5	21.6	23.7	19.0	17.9	18.3	13.3	12.5	12.8	17.3	16.0	16.5
21	23.0	21.6	22.6	19.5	18.1	18.6	13.1	12.1	12.6	16.3	14.3	15.0
22	22.3	20.6	21.6	20.2	19.0	19.4	12.4	11.5	12.1	14.7	13.7	14.1
23	20.8	19.3	20.3	21.2	19.5	20.0	12.1	11.3	11.7	15.1	14.1	14.6
24	20.6	19.1	19.8	20.4	19.9	20.1	12.1	11.1	11.6	14.6	13.1	14.1
25	19.7	18.5	19.0	20.3	18.7	19.6	11.9	10.8	11.5	13.1	11.7	12.5
26	20.0	18.4	19.1	19.3	17.8	18.5	12.1	10.6	11.3	11.8	10.1	11.3
27	20.8	18.5	19.6	18.5	17.4	17.9	12.2	10.6	11.1	11.8	9.8	10.3
28	20.9	19.0	19.9	18.5	17.2	17.8	11.5	10.5	11.0	9.8	8.9	9.1
29	20.4	19.4	19.8	17.9	16.9	17.5	11.5	10.2	10.9	9.6	9.0	9.4
30	20.5	19.7	20.2	17.2	15.1	16.2	12.5	11.1	11.6	9.9	8.9	9.3
31	20.7	20.2	20.4	---	---	---	12.7	11.7	12.2	10.1	8.6	9.2
MONTH	27.1	18.4	23.1	21.2	15.1	18.8	16.8	10.2	13.8	17.9	8.6	13.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.7	8.8	9.3	---	---	---	23.1	22.2	22.6	24.3	23.1	23.9
2	11.1	9.1	9.8	---	---	---	24.0	22.2	22.9	25.2	23.5	24.0
3	12.1	9.2	10.3	---	---	---	23.2	22.4	22.8	24.4	23.6	24.0
4	12.8	9.8	10.9	---	---	---	22.4	20.4	21.2	24.9	23.5	24.2
5	11.2	9.7	10.7	20.5	18.6	19.7	20.8	19.7	20.3	25.6	24.1	24.9
6	12.2	9.8	10.7	20.0	18.8	19.4	20.9	19.0	20.0	25.9	24.4	25.2
7	12.0	10.3	10.8	20.6	19.2	19.8	21.5	19.9	20.5	26.1	24.6	25.4
8	12.3	10.6	11.1	22.0	19.8	20.8	21.3	19.4	20.5	26.5	24.9	25.6
9	14.4	10.8	11.7	22.6	20.2	21.5	19.5	17.1	18.8	26.6	25.1	25.9
10	12.7	11.3	11.9	23.1	20.9	22.2	19.5	17.7	18.6	27.5	25.3	26.2
11	13.3	11.5	12.4	23.1	19.0	21.6	20.2	19.1	19.6	27.4	26.0	26.7
12	14.3	12.7	13.4	20.8	18.3	19.6	21.1	20.1	20.5	27.9	26.5	27.1
13	15.8	13.9	14.9	20.5	17.7	19.8	21.4	20.5	20.9	27.9	26.8	27.2
14	16.4	15.1	15.6	19.9	18.4	19.2	21.5	20.6	21.0	27.9	26.5	27.0
15	16.7	15.8	16.2	19.6	18.6	19.1	21.1	20.5	20.8	27.1	26.0	26.6
16	17.8	16.2	16.9	---	---	---	22.8	20.5	21.6	27.0	25.5	26.4
17	20.0	16.8	17.9	---	---	---	23.5	21.7	22.6	26.9	26.0	26.4
18	19.9	18.0	18.9	---	---	---	23.1	21.5	22.3	27.0	25.9	26.5
19	20.1	18.9	19.4	---	---	---	23.7	22.1	22.7	27.8	26.4	27.0
20	19.5	17.6	18.8	---	---	---	23.4	22.4	22.9	27.7	26.7	27.1
21	18.5	17.5	18.1	---	---	---	24.7	23.0	23.7	28.1	26.5	27.0
22	18.3	16.9	17.6	---	---	---	23.3	22.3	22.9	28.1	26.6	27.2
23	18.4	17.1	17.5	---	---	---	22.5	21.6	22.1	28.4	26.9	27.6
24	18.7	17.3	18.0	21.7	20.0	20.7	24.5	22.1	22.9	28.1	26.9	27.6
25	19.5	17.9	18.5	22.4	20.3	21.1	23.2	21.5	22.4	29.3	27.1	28.0
26	20.0	19.0	19.5	22.2	20.7	21.4	23.4	21.3	22.3	29.6	28.0	28.9
27	---	---	---	22.8	20.8	21.7	23.6	22.1	22.8	29.7	28.3	29.1
28	---	---	---	22.4	21.0	21.7	24.2	22.0	23.1	30.0	28.0	28.9
29	---	---	---	22.4	21.6	22.1	23.1	22.7	22.8	30.0	28.8	29.3
30	---	---	---	24.0	22.3	23.0	24.0	22.6	23.2	28.9	28.5	28.8
31	---	---	---	23.8	21.7	22.9	---	---	---	28.6	28.2	28.5
MONTH	---	---	---	---	---	---	24.7	17.1	21.7	30.0	23.1	26.7

MISSISSIPPI RIVER DELTA

0738023365 BAYOU RIGOLETS NEAR SLIDELL, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.8	27.6	28.2	29.6	28.6	29.1	29.4	28.1	28.9	---	---	---
2	29.1	28.0	28.5	29.7	28.3	29.0	29.5	28.2	28.8	---	---	---
3	29.7	28.5	29.0	30.1	28.6	29.4	29.1	28.2	28.6	---	---	---
4	29.3	28.6	28.9	30.4	28.7	29.6	29.9	27.8	28.5	---	---	---
5	29.1	28.2	28.6	30.6	28.9	29.7	29.7	28.3	29.0	---	---	---
6	28.7	27.4	28.3	30.3	28.8	29.4	31.3	29.0	29.7	---	---	---
7	28.6	26.5	27.8	30.8	29.4	30.0	31.0	29.1	29.9	---	---	---
8	28.2	26.5	27.5	31.5	30.1	30.6	30.7	29.9	30.2	27.7	26.8	27.4
9	28.5	27.1	27.9	32.0	30.4	30.9	31.2	29.8	30.4	27.2	26.8	26.9
10	28.5	27.6	28.1	32.2	30.7	31.2	---	---	---	28.2	26.9	27.4
11	28.7	27.6	28.2	32.3	30.7	31.5	---	---	---	28.4	27.8	28.1
12	29.1	27.8	28.2	32.2	30.7	31.4	---	---	---	29.1	27.8	28.1
13	29.6	28.2	28.6	31.7	30.0	30.8	---	---	---	29.5	28.2	28.7
14	29.0	27.9	28.5	30.9	29.8	30.2	---	---	---	29.6	28.2	28.7
15	28.9	28.1	28.5	31.1	29.5	30.4	---	---	---	29.5	28.7	28.9
16	28.7	27.7	28.2	31.4	30.2	30.8	30.8	29.7	30.3	29.4	26.9	28.2
17	28.3	27.3	27.8	31.4	29.9	30.7	31.6	29.9	30.6	27.7	26.1	27.0
18	28.5	27.6	28.0	31.6	30.1	30.8	31.7	30.3	31.0	27.1	25.1	26.2
19	29.0	27.8	28.4	31.4	30.2	30.8	31.8	30.2	30.9	27.6	25.3	26.1
20	29.3	28.0	28.7	31.6	29.6	30.5	---	---	---	28.0	25.8	26.7
21	29.8	28.2	28.9	31.6	29.8	30.5	---	---	---	27.3	26.6	27.0
22	30.2	28.8	29.3	31.5	30.2	30.8	---	---	---	27.7	26.8	27.1
23	30.2	28.8	29.5	30.8	28.8	29.6	---	---	---	28.8	27.1	27.7
24	30.8	29.3	30.0	29.6	28.3	29.1	30.6	29.2	29.8	29.0	27.5	28.0
25	31.7	29.5	30.3	29.8	28.7	29.1	31.2	29.6	30.3	29.2	26.3	28.1
26	31.1	30.2	30.7	30.1	28.8	29.2	31.4	29.7	30.4	26.6	24.9	25.7
27	30.5	29.0	29.8	30.3	29.1	29.5	31.0	30.0	30.4	25.0	24.0	24.5
28	29.9	29.0	29.6	31.0	29.3	29.8	30.9	30.2	30.5	24.5	23.6	24.0
29	30.5	29.2	29.7	30.4	29.5	30.0	30.6	30.0	30.3	24.1	22.9	23.7
30	29.6	28.9	29.3	30.1	29.3	29.8	31.0	29.4	30.3	24.3	22.9	23.6
31	---	---	---	29.7	28.9	29.3	30.9	30.0	30.6	---	---	---
MONTH	31.7	26.5	28.8	32.3	28.3	30.1	---	---	---	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA

LOCATION.--Lat 29°25'23", long 89°57'02", Plaquemines Parish, Hydrologic Unit 08090301, on a two-tier wellhead platform 10.7 mi northeast of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

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

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

REMARKS.--Stage affected by wind and tide. Prior to December 1, 1993, at platform near present site, datum of gage was sea level (levels determined by Global Positioning System). From Dec. 2, 1993, to Sept. 30, 1995, datum of gage was 7.06 ft below sea level. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 4.54 ft, Aug. 25, 1992; minimum recorded elevation, -3.24 ft, revised, Feb. 8, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.10 ft, Oct. 8; minimum elevation, -0.83 ft, Jan. 5.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.28	1.00	1.62	1.83	.85	1.33	1.14	.83	1.01	1.14	-.12	.51
2	2.32	1.05	1.72	1.35	-.22	.56	2.11	1.00	1.37	1.22	-.05	.56
3	2.35	1.26	1.84	.91	.39	.68	2.31	1.52	1.91	1.66	.30	.95
4	2.42	1.20	1.90	.88	.59	.70	2.49	1.73	2.07	1.40	-.56	.02
5	2.12	1.20	1.69	.93	.38	.66	2.30	1.14	1.63	.86	-.83	-.07
6	2.10	1.26	1.66	1.15	.29	.73	1.68	.34	.95	1.00	-.55	.22
7	2.42	1.78	2.14	1.31	.15	.69	1.87	.55	1.15	.97	-.49	.18
8	3.10	2.26	2.66	1.64	.44	1.01	1.90	.61	1.25	1.44	-.16	.52
9	2.49	1.84	2.15	1.84	.50	1.10	2.10	.67	1.34	1.51	.10	.77
10	2.27	1.34	1.73	2.02	.74	1.32	2.10	.32	1.04	1.65	.20	.74
11	2.07	1.15	1.58	2.02	.69	1.26	2.05	.49	1.18	1.06	.17	.60
12	2.19	1.28	1.67	1.63	.43	.99	2.46	1.13	1.68	.97	.27	.59
13	2.04	1.06	1.55	1.74	.62	1.16	2.46	.38	1.14	1.02	.14	.58
14	2.11	1.01	1.53	1.78	.43	1.02	1.53	.64	1.09	.47	-.31	.02
15	2.21	1.03	1.57	1.37	.32	.82	1.56	.20	.71	1.01	.30	.71
16	2.11	1.03	1.57	1.20	.52	.90	.65	.22	.45	.98	.04	.52
17	2.11	.75	1.39	1.26	.69	.99	.84	.14	.48	1.36	-.12	.60
18	1.61	.75	1.15	1.32	.96	1.18	1.05	.51	.79	1.19	-.12	.59
19	1.75	.63	1.23	1.52	1.00	1.18	1.19	.14	.67	1.49	-.38	.49
20	1.06	.35	.72	1.46	1.05	1.28	1.45	-.02	.55	1.30	-.66	.15
21	1.11	.63	.91	2.02	.83	1.41	1.01	-.22	.36	1.18	-.64	.14
22	1.32	.95	1.11	2.19	.82	1.49	1.15	-.64	.20	1.61	.42	1.04
23	1.03	.48	.77	2.14	.81	1.47	1.05	-.59	.22	1.53	.08	.79
24	1.03	.11	.59	2.11	.53	1.32	.90	-.66	.11	1.53	-.46	.09
25	1.28	.14	.67	2.08	.25	1.11	.73	-.73	-.04	.32	-.09	.07
26	1.47	.11	.77	1.68	.08	.85	.70	-.69	.03	.11	-.52	-.18
27	1.60	.09	.82	1.70	.31	1.00	.56	-.35	.16	.78	-.01	.25
28	1.62	.10	.83	1.69	.34	.98	.56	-.33	.11	2.00	.23	1.12
29	1.73	.38	1.08	1.36	.37	.80	.53	.04	.26	.78	-.21	.29
30	2.08	.82	1.50	.95	.38	.62	.62	.05	.31	.56	-.61	.02
31	2.24	.74	1.41	---	---	---	.99	-.06	.46	---	---	---
MONTH	3.10	.09	1.40	2.19	-.22	1.02	2.49	-.73	.79	---	---	---

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	1.18	.24	.74	2.04	1.16	1.60	1.65	.77	1.26
2	---	---	---	1.20	-.04	.57	2.03	1.25	1.56	1.57	1.01	1.30
3	.97	-.29	.18	1.19	.20	.75	2.01	1.29	1.75	2.20	.72	1.55
4	.87	-.35	.21	.97	-.27	.28	1.37	.36	.67	2.02	.62	1.30
5	.69	-.75	-.09	.96	-.26	.31	1.00	.37	.78	2.19	.48	1.32
6	.74	-.45	.06	.96	.21	.53	1.40	.32	.90	1.98	.48	1.32
7	.76	-.16	.28	.91	.36	.57	1.72	.41	1.26	1.70	.32	1.08
8	.76	.12	.48	.99	.67	.81	1.65	.25	.82	1.68	.47	1.16
9	.71	.10	.35	1.09	.66	.90	1.42	.07	.79	1.72	.34	1.09
10	---	---	---	1.28	.65	.98	1.38	.09	.82	1.58	.33	1.11
11	1.00	.61	.75	1.54	-.38	.87	1.54	.24	.95	1.41	.58	1.10
12	1.17	.49	.85	1.01	-.76	.25	1.56	.39	1.05	1.54	.86	1.27
13	2.10	.52	1.29	1.11	-.16	.51	1.34	.27	.90	1.50	.92	1.14
14	---	---	---	1.43	.01	.76	1.47	.04	.75	1.16	.57	.80
15	1.76	.35	1.11	2.17	.33	1.25	1.40	.81	1.07	1.19	.03	.70
16	1.76	.47	.97	1.69	.70	1.25	1.32	.83	1.10	.96	.12	.56
17	1.97	.58	1.18	1.39	.24	.84	1.12	.58	.91	1.45	.41	.91
18	1.93	.74	1.21	1.36	.46	.87	1.31	.55	.99	1.96	.56	1.25
19	1.81	.39	.93	1.47	.49	.93	1.55	.78	1.16	1.51	.28	.95
20	1.05	.01	.54	.86	.60	.75	1.86	.71	1.30	1.63	.37	1.09
21	1.07	.28	.68	---	---	---	1.41	.36	.93	1.48	.22	.85
22	1.09	.41	.74	---	---	---	1.64	.30	1.01	1.12	.12	.65
23	.94	.43	.66	---	---	---	2.48	.49	1.60	1.24	.00	.73
24	.98	.48	.75	1.54	.75	1.13	2.14	.91	1.60	1.35	.25	.76
25	1.26	.68	1.02	1.44	.71	1.12	1.64	.75	1.15	1.40	.31	.96
26	1.30	.62	1.02	1.45	.58	1.06	1.46	.61	1.05	1.38	.62	1.09
27	.82	.01	.39	1.71	.72	1.25	1.54	.28	.85	1.48	.85	1.17
28	1.15	-.15	.56	1.93	.77	1.44	1.16	.58	.89	.94	.32	.76
29	1.32	.26	.79	2.13	1.06	1.69	1.25	.53	.91	.82	.18	.54
30	---	---	---	1.74	1.18	1.52	1.49	.84	1.08	1.18	.32	.73
31	---	---	---	1.70	.69	1.17	---	---	---	1.35	.44	.95
MONTH	---	---	---	---	---	---	2.48	.04	1.07	2.20	.00	1.01
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.75	.44	1.13	1.98	.43	1.24	1.97	.66	1.35	1.42	1.05	1.22
2	1.59	.07	.96	2.04	.43	1.31	1.80	.66	1.33	1.44	.94	1.18
3	1.55	.02	.85	2.24	.56	1.48	1.64	.95	1.31	---	---	---
4	1.56	.01	.85	2.23	.74	1.54	1.29	.88	1.13	---	---	---
5	1.63	.06	.88	1.96	.87	1.44	1.09	.92	1.01	---	---	---
6	1.39	-.05	.75	1.65	.92	1.29	1.36	.82	1.10	---	---	---
7	1.22	-.03	.70	1.50	.99	1.23	1.56	.75	1.24	---	---	---
8	1.38	.31	.85	1.45	.93	1.23	1.77	.86	1.35	2.67	1.42	1.99
9	1.35	.41	1.00	1.65	.86	1.26	1.78	.70	1.29	2.63	1.22	1.98
10	1.31	.83	1.12	1.81	.65	1.28	1.67	.45	1.16	2.25	.95	1.63
11	1.31	.65	1.03	1.67	.54	1.12	1.86	.69	1.25	2.07	1.03	1.52
12	1.33	.45	.92	1.59	.38	1.03	1.71	.63	1.25	2.08	1.10	1.55
13	1.43	.37	.92	1.47	.24	.92	1.85	.86	1.35	1.80	1.10	1.40
14	1.83	.57	1.15	1.57	.14	.91	2.14	.91	1.50	1.69	1.08	1.38
15	1.66	.72	1.16	1.55	.14	.92	1.72	.61	1.26	1.42	1.09	1.28
16	2.44	.86	1.64	1.62	.32	1.03	1.30	.57	.96	1.92	1.21	1.54
17	2.30	.96	1.66	1.57	.34	.99	1.35	.57	.98	2.16	1.50	1.75
18	2.22	.97	1.55	1.41	.34	.90	1.25	.71	1.00	2.25	1.42	1.88
19	2.13	.89	1.53	1.32	.20	.85	1.28	.70	.86	2.29	1.03	1.66
20	2.05	.85	1.44	1.37	.20	.87	1.14	.58	.91	1.91	.59	1.32
21	1.86	.77	1.36	1.49	.40	.97	1.25	.65	.94	2.03	.71	1.41
22	1.46	.64	1.08	1.44	.78	1.10	1.47	.56	1.04	2.29	.98	1.69
23	1.35	.66	1.07	1.39	.69	.99	1.85	.64	1.26	2.37	.82	1.62
24	1.38	.90	1.10	1.18	.70	.95	1.88	.68	1.29	2.04	.41	1.33
25	1.43	.90	1.17	1.35	.69	1.05	1.95	.62	1.32	1.91	.46	1.32
26	1.58	.85	1.18	1.67	.39	1.11	1.95	.43	1.29	1.61	.60	1.17
27	1.78	.79	1.31	1.78	.53	1.20	1.98	.64	1.31	1.36	.94	1.16
28	1.90	.87	1.38	1.93	.35	1.27	1.86	.57	1.26	1.17	.81	1.02
29	1.94	.57	1.29	2.09	.43	1.35	1.50	.52	1.10	1.51	.91	1.11
30	2.02	.49	1.29	2.12	.42	1.35	1.50	.52	1.05	1.53	.77	1.09
31	---	---	---	2.34	.48	1.40	1.71	.86	1.35	---	---	---
MONTH	2.44	-.05	1.14	2.34	.14	1.15	2.14	.43	1.19	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to current year.

WATER TEMPERATURES: July 1992 to current year.

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

REMARKS.--Records good, except for the period, Oct. 17 to Oct. 23, which is fair. Water temperature records good. During the period Apr. 4-17, readings from the conductance and temperature sensor were taken approximately 4.0 ft deeper in the vertical, due to the pipe suspending the sensor breaking, which allowed the sensor to drop.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 49,600 microsiemens, Dec. 4, 1999; minimum, 845 microsiemens, July 3, 1997.

WATER TEMPERATURES: Maximum, 34.1°C, Aug. 8, 1998; minimum, 2.9°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,600 microsiemens/cm, Dec. 4; minimum, 16,100 microsiemens/cm, Oct. 20.

WATER TEMPERATURE: Maximum, 34.0°C, Aug. 9; minimum, 9.4°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	37700	32600	35400	42200	33500	38400	37700	30800	34500	39400	31500	35500
2	40500	33500	37400	36300	20100	28100	43500	35900	39600	37100	30700	34000
3	41200	34900	38200	30200	20200	25800	46600	42300	44600	35300	33300	34600
4	41100	33400	38200	37400	29600	34400	49600	41200	45600	34900	24900	30700
5	39400	32800	36500	37000	27500	30300	47200	41500	44500	29100	19500	22700
6	36900	32700	34600	37300	27100	32400	41800	36000	37600	32500	23600	26900
7	42700	34100	39500	39300	31700	36500	40400	34200	37600	33200	26800	29200
8	44200	40700	42500	42200	33100	39800	43000	37000	39100	37600	28500	33000
9	43100	37200	39900	43400	36800	40100	43400	37200	40300	40400	34000	37000
10	38700	32900	36000	44500	37800	42000	43000	33400	37600	40100	33300	36700
11	38200	28500	31800	45900	41800	44500	42200	33200	36900	39100	32400	36500
12	32400	29200	31200	45700	37200	40800	44500	40500	42500	39000	31000	34800
13	32300	27200	29600	43200	37400	40400	44500	34100	38500	---	---	---
14	32000	26400	29000	44400	37400	41100	40000	32800	36900	32000	21000	24500
15	32000	25900	28600	41000	31600	36500	40000	28100	34100	41600	31600	36800
16	31200	26000	28400	40400	34600	37800	33100	25800	28300	---	---	---
17	31200	25100	28300	41100	38000	40000	38200	33100	35400	43700	33900	40100
18	28600	21500	24400	43600	39600	41900	---	---	---	42400	34000	39700
19	25300	18800	22600	44600	41200	43400	42000	31800	36900	41500	32500	38000
20	20200	16100	17900	46200	41600	44200	42000	34000	36800	41500	29600	35100
21	24000	16800	21400	46600	40900	44200	35500	25800	30200	40400	28900	34500
22	29400	20800	26700	46800	41400	44000	35300	21100	28100	42200	37400	40100
23	33600	26800	29400	47000	40900	43800	35500	23600	29800	44600	37900	40900
24	32000	20700	25900	46800	40000	43400	40500	29200	35200	41800	23100	30700
25	34800	23900	30300	45300	36200	40200	38400	23000	29600	33500	23100	28900
26	36300	29400	34400	42500	30000	35000	32900	28400	31600	29600	18700	24600
27	37200	30200	34800	40300	33700	37900	36300	30800	33400	34400	27000	28700
28	37700	30100	34700	39600	34900	37700	31800	25900	28900	48700	34400	41700
29	38500	29900	35200	39700	31100	35700	32800	30700	31800	37800	29900	32400
30	42700	35800	40400	35200	26700	29400	34300	31900	33000	33900	24700	29100
31	42300	35900	39900	---	---	---	36300	30800	33500	---	---	---
MONTH	44200	16100	32400	47000	20100	38300	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	43200	35500	39400	33800	29300	31300	41000	38600	39600
2	---	---	---	41500	32500	37400	34100	32300	33200	40400	38100	39400
3	43200	36800	41100	42300	36500	39300	35100	31700	34100	40700	37500	39700
4	39300	31700	35200	41900	33100	36000	31700	22800	26200	40500	37100	38800
5	37300	22800	30600	38700	32200	35100	27900	22800	25500	40000	37800	38700
6	39800	31300	36400	39800	36500	38000	29600	25400	27300	40000	37800	39100
7	41000	34000	38800	40800	37500	38900	31200	24900	29000	39400	38200	38400
8	41000	39900	40600	42500	39400	40600	30100	19800	25300	39300	37700	38400
9	42000	38400	40500	41900	40200	41200	27700	18600	22600	38800	38200	38400
10	---	---	---	41700	39000	40600	32400	22100	27300	39500	38400	38900
11	---	---	---	41300	35400	40000	33400	25000	29600	40100	38400	39200
12	---	---	---	40000	30300	35200	37400	30100	33000	38900	38400	38700
13	---	---	---	39700	31500	35700	37100	31400	34100	40300	38600	39400
14	---	---	---	40200	35000	37700	36700	29000	34600	38800	35100	36500
15	---	---	---	42100	38200	39500	32200	28600	31100	36500	35000	35600
16	---	---	---	41400	37800	39700	32400	31400	31900	38900	35500	37200
17	41800	35500	38800	40400	36500	38200	32800	29300	31100	39600	36600	38800
18	---	---	---	39200	34400	36900	34100	28400	31500	39800	37900	38900
19	41800	34600	37700	35300	29000	32500	35900	32000	33800	39400	38100	38800
20	36000	28200	31600	31500	26300	28200	36200	33100	34800	39400	38300	38900
21	37000	28800	32100	30900	27900	29800	35600	28500	32700	39600	39100	39400
22	38300	31900	34200	28200	25100	27100	36500	26900	32100	39700	38400	39000
23	41600	37900	40200	29200	24600	27100	40700	32500	36700	40000	37900	39000
24	42700	40500	41200	32100	27900	29400	40800	37000	38900	41300	39100	40400
25	47900	42600	45500	32200	26700	29200	37000	33700	35500	41200	40500	40800
26	47900	43300	45300	30900	25400	28200	38300	30300	34400	40700	39300	40200
27	43800	32900	39000	31700	25200	28600	37500	30200	34200	39800	38600	39200
28	41000	31200	35900	32100	23500	28200	37600	33100	35600	41300	39800	41000
29	43400	35600	38400	32900	30400	31600	37600	31400	34700	41000	38100	39300
30	---	---	---	32600	31100	31800	38600	35800	36800	40400	38100	39400
31	---	---	---	31200	25100	27600	---	---	---	41400	39400	40600
MONTH	---	---	---	43200	23500	34500	40800	18600	32000	41400	35000	39000
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	41100	39400	40300	40200	31900	35600	43300	41400	42600	37000	35200	35900
2	40700	39200	40100	40400	29600	34900	43100	39900	41700	---	---	---
3	40600	39500	40100	39200	30000	35500	41600	40300	41000	---	---	---
4	40900	39100	40100	37900	32100	35200	40400	37500	39000	---	---	---
5	41100	39000	40000	37800	33600	35400	38200	32500	34300	---	---	---
6	39500	36800	38000	37800	34300	35700	36700	33100	35000	---	---	---
7	38200	36400	37200	34800	32100	33300	38900	36700	38100	---	---	---
8	38800	36800	37700	34000	30500	32500	39500	37600	38800	42000	35300	39200
9	38800	36200	37600	34200	30500	32400	39400	37000	38400	39200	35300	37700
10	37600	37000	37200	35500	30800	33500	39500	36800	38500	37900	35500	36700
11	37300	35900	36500	33300	27200	31200	39900	36400	38500	37200	34700	36000
12	37800	36200	36700	31400	27200	29400	39300	36400	38100	37700	34700	36200
13	38100	37100	37700	31900	26100	29300	39300	37100	38600	35400	34100	34800
14	38200	37200	37600	31700	25500	29200	39300	37900	38600	34400	33300	34000
15	39200	37300	37800	33600	25000	30000	41700	38700	40000	34200	33100	33600
16	39400	36200	37700	35400	27800	32900	40200	37700	39000	34400	32600	33200
17	39300	35100	36800	37400	28700	33800	39400	36600	38100	35600	34000	34700
18	38800	36000	37300	37000	28500	32500	39400	36600	38200	36100	33400	35000
19	39000	35600	37700	37400	27200	31200	38300	34000	36200	36700	33200	35200
20	39100	37300	38400	37600	25400	32700	37900	34700	37000	35700	32800	34200
21	39300	39000	39100	41300	31400	36800	38800	35600	37400	35800	33000	34200
22	39100	37700	38600	42400	39000	41200	39500	36800	38300	35300	32700	34000
23	38800	36600	37500	41100	34400	38500	39800	36000	38300	35300	33000	34500
24	38400	36800	37400	38900	33100	35900	39900	36300	38300	36200	33700	35000
25	39300	36700	37900	40300	33900	37300	39900	36100	38200	36000	30800	34100
26	39800	36200	38100	41600	37900	40300	39400	36200	38100	33100	28500	31000
27	40900	36400	38200	43700	38500	41600	38900	36100	37900	30500	28400	29300
28	40500	35900	38300	45000	39200	42700	38600	35800	37500	33500	29900	31300
29	40100	32900	37100	44200	40300	43000	38100	34000	36500	36100	32800	34100
30	40000	32600	36300	44200	40500	42900	35200	32300	33700	38500	33100	35600
31	---	---	---	43900	41600	43100	37600	34600	36400	---	---	---
MONTH	41100	32600	38000	45000	25000	35500	43300	32300	38100	---	---	---

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	23.1	23.8	22.3	20.9	21.8	16.1	14.8	15.4	14.7	13.9	14.3
2	24.7	23.4	24.0	20.9	17.8	19.7	16.9	15.4	16.1	17.3	14.2	15.9
3	26.4	24.5	25.5	17.8	17.0	17.3	19.3	16.7	17.7	18.3	16.9	17.6
4	26.7	25.8	26.2	18.2	17.4	17.8	19.6	18.2	19.0	18.3	15.5	17.4
5	26.2	25.2	25.8	18.4	17.2	17.8	19.5	17.6	18.9	15.5	13.6	14.6
6	25.2	23.6	24.4	18.9	17.7	18.5	17.6	15.7	16.5	13.8	13.0	13.4
7	25.7	24.3	25.0	19.3	18.6	19.0	15.8	14.8	15.3	13.9	12.9	13.3
8	25.8	25.1	25.5	20.0	18.9	19.5	16.1	15.0	15.6	14.5	12.9	13.5
9	25.8	25.1	25.4	21.0	19.5	20.1	17.1	15.8	16.2	16.3	14.3	14.8
10	25.9	25.5	25.7	22.1	20.5	21.0	17.3	16.4	17.0	16.9	15.9	16.2
11	25.9	25.4	25.7	22.2	21.5	21.8	17.5	16.0	16.8	17.2	16.4	16.8
12	25.7	25.2	25.5	22.1	20.9	21.6	18.0	16.8	17.3	18.9	17.1	17.9
13	26.6	25.3	25.9	22.0	20.8	21.4	18.4	17.1	17.8	19.3	18.5	18.9
14	26.8	25.7	26.3	21.7	21.1	21.4	17.2	16.5	17.0	18.5	15.3	16.7
15	27.0	25.8	26.4	21.7	20.7	21.2	17.2	15.3	16.5	15.7	14.5	15.2
16	26.9	25.9	26.4	20.8	19.2	19.6	15.3	14.0	14.5	15.8	15.2	15.5
17	27.3	26.4	26.8	19.5	18.1	18.8	14.3	13.5	14.0	17.3	15.9	16.5
18	26.9	25.3	26.1	19.0	17.9	18.4	---	---	---	18.1	16.7	17.4
19	26.0	24.4	25.2	19.1	18.6	18.8	13.6	13.3	13.4	19.1	17.6	18.4
20	24.4	21.7	22.9	19.8	19.1	19.4	13.8	12.8	13.3	18.9	17.0	18.4
21	21.7	20.4	20.8	21.4	19.7	20.3	13.2	12.4	12.9	17.0	14.6	15.3
22	21.0	20.6	20.8	21.6	20.4	21.0	12.4	11.4	11.9	15.8	14.4	15.1
23	20.9	20.0	20.4	22.4	20.7	21.3	12.1	10.7	11.6	16.9	15.7	16.3
24	20.2	18.0	18.7	22.6	21.4	22.0	12.6	11.5	12.2	16.8	13.9	15.5
25	18.6	16.8	17.8	22.2	20.4	21.5	12.5	10.8	11.7	13.9	11.6	13.0
26	18.6	17.7	18.2	20.4	17.9	19.1	11.8	10.8	11.3	11.9	10.4	11.1
27	19.8	18.2	18.8	19.1	17.9	18.5	12.5	11.4	11.9	10.1	9.4	9.7
28	20.7	19.1	19.8	18.6	17.5	18.0	12.1	11.0	11.7	14.2	10.0	11.7
29	21.6	19.8	20.6	18.2	17.5	18.0	11.9	10.9	11.4	11.6	11.0	11.3
30	21.7	21.0	21.3	18.0	15.2	16.1	12.7	11.7	12.2	11.1	10.0	10.7
31	22.0	21.6	21.9	---	---	---	14.5	12.6	13.4	---	---	---
MONTH	27.3	16.8	23.5	22.6	15.2	19.7	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	22.1	20.0	21.1	23.3	22.3	22.8	25.2	23.2	24.0
2	---	---	---	23.2	21.1	21.9	24.5	22.9	23.6	26.0	23.7	24.7
3	11.8	10.7	11.2	22.9	21.5	22.2	24.6	23.2	24.1	25.3	24.1	24.8
4	12.8	11.2	12.1	22.2	20.8	21.5	23.2	19.4	21.2	26.1	24.3	25.1
5	12.1	10.7	11.2	21.6	19.8	20.6	20.8	18.8	19.7	26.6	24.7	25.7
6	11.8	10.7	11.4	21.2	19.8	20.6	21.3	19.5	20.2	27.0	25.6	26.2
7	12.2	11.2	11.9	21.5	20.1	20.9	22.0	20.2	21.0	27.5	25.8	26.6
8	12.8	11.9	12.3	22.9	20.9	21.8	22.0	19.4	21.1	27.5	26.2	26.9
9	14.0	12.8	13.2	23.9	22.2	23.0	19.4	17.3	18.2	27.9	26.4	27.1
10	---	---	---	24.6	23.2	23.8	19.4	17.2	18.2	28.5	26.8	27.5
11	---	---	---	24.0	21.7	23.5	20.6	18.8	19.6	28.8	27.4	28.0
12	17.9	16.5	17.2	21.7	18.2	19.6	22.4	20.2	21.1	28.8	27.4	28.1
13	18.7	17.8	18.3	19.7	18.0	18.8	22.3	21.6	21.9	29.6	27.7	28.6
14	---	---	---	19.3	18.0	18.7	22.3	21.7	22.0	28.6	27.2	27.9
15	---	---	---	19.1	18.6	18.9	23.0	21.0	21.8	28.0	26.1	27.0
16	---	---	---	20.8	18.7	19.7	23.0	22.5	22.7	28.5	26.0	26.9
17	22.7	21.4	22.0	21.2	20.1	20.6	26.0	23.0	24.1	27.6	26.1	26.8
18	---	---	---	21.4	20.5	20.9	25.9	23.9	24.8	27.8	26.4	27.0
19	23.4	21.6	22.8	20.8	19.4	20.4	26.8	24.3	25.4	29.3	26.7	27.8
20	21.6	19.3	20.3	20.5	18.1	19.2	26.2	24.7	25.4	28.5	27.0	27.9
21	19.5	18.5	18.9	19.7	18.4	19.2	25.6	24.5	25.0	28.0	27.5	27.8
22	19.3	15.2	18.5	21.9	18.7	20.2	24.7	23.2	23.9	29.2	27.3	28.1
23	19.5	18.1	18.8	21.9	20.0	21.0	23.4	22.6	23.0	28.9	27.5	28.2
24	20.8	19.1	19.9	22.7	21.2	21.9	24.4	22.7	23.5	29.3	27.7	28.5
25	21.7	20.0	20.8	23.8	22.0	22.8	23.6	22.7	23.2	29.5	28.1	28.8
26	22.5	20.6	21.5	24.2	23.1	23.5	24.3	22.6	23.3	29.9	28.3	29.1
27	21.9	20.2	21.2	23.4	22.4	23.1	24.6	23.2	23.6	29.9	28.4	29.1
28	20.5	19.6	20.0	23.4	22.2	22.8	24.5	23.0	23.7	30.4	28.4	29.5
29	20.8	18.8	19.8	23.7	22.4	23.1	24.9	23.4	24.1	31.5	28.8	29.6
30	---	---	---	24.9	23.3	23.9	24.8	23.5	24.0	30.1	28.8	29.5
31	---	---	---	24.2	22.7	23.4	---	---	---	30.0	28.3	28.9
MONTH	---	---	---	24.9	18.0	21.4	26.8	17.2	22.5	31.5	23.2	27.5

MISSISSIPPI RIVER DELTA

07380251 BARATARIA BAY NORTH OF GRAND ISLE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.0	27.8	28.4	30.0	28.7	29.1	28.6	28.1	28.4	31.6	29.6	30.6
2	29.7	27.8	28.8	30.3	28.4	29.2	29.1	27.8	28.3	---	---	---
3	30.5	28.4	29.3	30.6	28.9	29.7	28.2	27.5	27.9	---	---	---
4	30.0	28.5	29.2	30.9	28.8	29.9	30.5	27.4	28.5	---	---	---
5	29.2	28.3	28.8	31.2	29.2	30.2	30.5	28.5	29.5	---	---	---
6	28.8	27.9	28.3	32.5	30.0	30.9	31.7	29.2	30.1	---	---	---
7	27.9	26.8	27.4	32.3	30.3	31.1	31.1	29.6	30.3	---	---	---
8	27.7	27.0	27.3	31.9	30.9	31.2	31.9	30.0	30.7	28.7	26.9	27.7
9	28.8	26.8	27.7	31.6	30.1	30.8	34.0	30.2	31.1	28.4	26.7	27.3
10	29.1	27.5	28.2	33.1	30.2	31.2	30.9	29.7	30.2	29.8	27.4	28.3
11	29.5	27.9	28.6	32.4	30.6	31.3	32.4	28.8	29.9	29.8	28.1	29.0
12	30.3	28.3	29.1	32.7	30.4	31.3	31.5	29.5	30.4	30.0	28.9	29.5
13	30.1	28.3	29.1	33.1	30.4	31.1	31.3	29.7	30.5	30.7	29.1	29.6
14	30.5	28.7	29.5	31.7	30.5	31.0	31.3	29.8	30.4	30.7	29.0	29.6
15	30.3	29.0	29.5	32.0	30.4	31.1	30.9	29.0	30.4	31.0	29.2	30.1
16	29.0	27.9	28.6	32.2	30.4	31.2	31.7	30.0	30.7	30.2	27.4	28.5
17	29.0	27.4	28.2	31.8	30.0	30.8	32.0	30.4	31.1	27.4	26.2	26.7
18	29.7	28.1	28.9	31.3	30.0	30.5	32.5	30.6	31.3	27.5	25.6	26.5
19	30.4	28.7	29.7	31.3	30.0	30.5	32.9	30.7	31.7	27.8	26.1	26.9
20	30.8	29.3	30.0	32.3	29.7	30.6	31.7	30.7	31.1	28.8	26.7	27.5
21	31.0	29.6	30.3	31.9	30.2	30.9	33.6	30.0	31.3	29.1	27.8	28.2
22	31.7	29.8	30.6	32.4	30.1	30.8	31.0	29.3	30.2	29.2	27.8	28.2
23	32.2	30.1	31.0	30.5	28.7	29.6	30.8	28.5	29.1	29.5	28.1	28.7
24	31.5	30.1	30.7	30.6	27.8	29.1	29.6	28.5	28.9	30.6	28.4	29.2
25	31.6	29.8	30.6	31.2	27.9	29.3	32.1	28.5	29.7	29.8	28.0	29.2
26	31.5	29.6	30.4	31.2	29.2	29.9	32.6	29.1	30.2	28.0	24.0	25.5
27	31.1	29.7	30.3	31.2	29.4	30.2	33.2	29.8	30.7	24.2	22.9	23.6
28	30.9	29.4	30.1	33.0	29.8	30.7	33.3	29.9	31.0	24.0	22.8	23.4
29	30.2	29.3	29.6	32.2	30.0	30.8	31.6	30.1	30.8	24.0	23.0	23.5
30	30.1	28.9	29.4	30.8	29.5	30.0	31.5	30.2	30.7	24.8	22.9	23.8
31	---	---	---	29.7	28.5	29.1	31.1	30.1	30.6	---	---	---
MONTH	32.2	26.8	29.3	33.1	27.8	30.4	34.0	27.4	30.2	---	---	---

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA

LOCATION.--Lat 29°23'54", long 90°02'28", Lafourche Parish, Hydrologic Unit 08090301, on a two-tier wellhead platform approximately 10.7 mi north northwest of Grand Isle Coast Guard Station.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88 (GEOID96). 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 elevation, 4.17 ft, July 18, 1997 (Hurricane Danny); minimum recorded, -1.60 ft, Jan. 7, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.83 ft, Oct. 8; minimum elevation, -0.59 ft, Dec. 24.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.23	1.04	1.62	1.79	.79	1.30	1.07	.81	.96	1.22	.08	.64
2	2.21	1.12	1.69	1.22	-.02	.64	1.94	.98	1.29	1.31	.18	.71
3	2.24	1.30	1.80	.91	.48	.75	2.18	1.46	1.79	1.66	.52	1.05
4	2.33	1.47	1.90	.91	.66	.78	2.32	1.68	1.98	1.41	-.34	.22
5	2.09	1.22	1.71	.98	.51	.75	2.21	.95	1.51	.97	-.48	.15
6	2.03	1.42	1.74	1.15	.46	.81	1.42	.18	.71	1.13	-.16	.45
7	2.41	1.87	2.16	1.28	.25	.75	1.60	.38	.92	1.07	-.06	.43
8	2.83	2.36	2.60	1.62	.52	1.03	1.85	.80	1.27	1.48	.04	.68
9	2.40	1.89	2.12	1.83	.60	1.17	2.05	.79	1.40	1.49	.26	.87
10	2.16	1.36	1.70	1.95	.84	1.35	1.94	.45	1.05	1.48	.38	.82
11	1.99	1.28	1.60	1.95	.78	1.29	1.96	.67	1.22	1.12	.33	.73
12	2.13	1.30	1.65	1.65	.55	1.08	2.18	1.11	1.61	1.10	.44	.74
13	1.94	1.10	1.53	1.70	.79	1.23	2.18	.32	1.00	1.14	.25	.78
14	1.98	1.11	1.52	1.75	.52	1.07	1.44	.62	1.03	.71	-.04	.36
15	2.06	1.09	1.55	1.32	.43	.88	1.46	.24	.72	1.12	.60	.88
16	2.01	1.14	1.55	1.27	.66	.99	.77	.33	.54	1.05	.22	.63
17	2.02	.77	1.37	1.31	.76	1.06	.95	.40	.65	1.42	.06	.74
18	1.54	.76	1.17	1.34	1.02	1.21	1.12	.63	.83	1.36	.07	.69
19	1.68	.76	1.25	1.44	1.03	1.19	1.31	.26	.77	1.47	-.07	.63
20	1.10	.46	.80	1.41	1.07	1.25	1.73	.18	.85	1.42	-.19	.49
21	1.15	.61	.92	1.95	.85	1.39	1.14	.05	.64	1.38	-.17	.46
22	1.28	.89	1.06	2.10	.91	1.48	1.25	-.36	.40	1.66	.62	1.15
23	1.00	.63	.87	2.08	.89	1.48	1.24	-.24	.42	1.59	.28	.92
24	1.11	.35	.77	2.04	.60	1.34	1.01	-.59	.16	1.54	-.19	.37
25	1.29	.34	.80	2.04	.40	1.16	.87	-.40	.21	.51	.03	.22
26	1.46	.23	.84	1.63	.16	.85	.81	-.48	.14	.30	-.33	.00
27	1.59	.21	.88	1.58	.35	.97	.59	-.24	.19	1.02	.14	.46
28	1.61	.28	.93	1.56	.35	.93	.59	-.11	.21	2.08	.40	1.29
29	1.82	.57	1.18	1.23	.40	.78	.61	.17	.34	.74	-.12	.34
30	2.01	.97	1.55	.93	.52	.71	.74	.20	.44	.63	-.43	.11
31	2.05	.84	1.45	---	---	---	1.07	.11	.60	.75	-.28	.22
MONTH	2.83	.21	1.43	2.10	-.02	1.06	2.32	-.59	.83	2.08	-.48	.59

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.94	-.22	.40	1.15	.35	.78	1.98	1.21	1.59	1.53	.80	1.24
2	.89	-.21	.30	1.20	.09	.64	1.95	1.26	1.55	1.50	.92	1.22
3	.85	-.26	.31	1.16	.27	.73	1.83	1.25	1.63	2.04	1.04	1.55
4	.78	-.31	.20	1.07	.05	.54	1.30	.19	.61	1.90	.71	1.34
5	.59	-.50	-.01	1.15	.07	.54	1.25	.46	.85	2.08	.73	1.42
6	.63	-.43	.09	1.15	.53	.78	1.31	.56	.93	1.98	.70	1.37
7	.64	-.20	.22	1.14	.68	.84	1.68	.59	1.21	1.68	.57	1.15
8	.64	.04	.38	1.19	.93	1.04	1.41	.17	.78	1.60	.46	1.12
9	.59	.02	.28	1.21	.81	1.05	1.32	.05	.74	1.54	.50	1.11
10	.85	.42	.62	1.37	.81	1.13	1.32	.23	.85	1.43	.63	1.09
11	.88	.51	.68	1.59	.20	1.07	1.47	.39	1.00	1.26	.70	1.05
12	1.12	.40	.75	1.23	-.26	.52	1.51	.65	1.13	1.33	.94	1.19
13	1.71	.45	1.09	1.33	-.01	.70	1.43	.63	1.04	1.28	.91	1.10
14	1.50	.61	1.07	1.55	.26	.94	1.48	.57	1.00	1.19	.63	.91
15	1.91	.30	1.08	2.26	.62	1.43	1.42	.90	1.11	1.20	.15	.77
16	1.63	.39	1.04	1.76	.85	1.34	1.41	.84	1.14	1.18	.33	.74
17	1.89	.39	1.08	1.51	.68	1.06	1.19	.15	.81	1.62	.55	1.13
18	1.86	.67	1.24	1.55	.67	1.13	1.10	.26	.70	2.12	.84	1.47
19	1.59	.37	.91	1.57	.73	1.06	1.36	.50	.95	1.74	.62	1.16
20	1.03	.05	.53	1.34	.77	.96	1.59	.49	1.06	1.78	.47	1.20
21	.99	.28	.60	1.47	.85	1.16	1.26	.42	.78	1.58	.42	.98
22	.93	.44	.72	1.21	.54	.90	1.40	.34	.91	1.24	.29	.78
23	.90	.50	.69	1.30	.57	1.00	2.26	.57	1.47	1.21	.19	.76
24	1.02	.59	.82	1.45	.79	1.11	1.71	.96	1.38	1.29	.35	.82
25	1.34	.80	1.12	1.41	.77	1.10	1.37	.80	1.08	1.41	.47	1.03
26	1.36	.82	1.12	1.29	.54	.95	1.26	.59	.94	1.45	.81	1.20
27	.90	.17	.52	1.51	.55	1.10	1.06	.32	.77	1.54	.93	1.26
28	1.23	.04	.67	1.72	.80	1.35	1.01	.61	.84	1.07	.47	.79
29	1.36	.36	.86	1.92	1.06	1.57	1.17	.66	.94	.91	.29	.60
30	---	---	---	1.63	1.20	1.42	1.36	.90	1.06	1.32	.42	.85
31	---	---	---	1.52	.92	1.20	---	---	---	1.46	.77	1.08
MONTH	1.91	-.50	.67	2.26	-.26	1.00	2.26	.05	1.03	2.12	.15	1.08
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.87	.56	1.27	1.75	.30	1.06	1.81	.66	1.25	1.38	.77	1.03
2	1.68	.14	1.01	1.87	.30	1.11	1.65	.63	1.18	1.30	.68	1.02
3	1.60	.06	.86	2.00	.35	1.29	1.63	.87	1.21	1.34	.67	1.02
4	1.55	.03	.78	1.90	.70	1.36	1.19	.71	.93	1.34	.53	1.01
5	1.65	.07	.85	1.69	.77	1.25	1.01	.44	.75	1.62	.81	1.26
6	1.41	.05	.80	1.38	.73	1.04	1.27	.39	.87	1.87	1.01	1.42
7	1.29	.31	.84	1.19	.75	.99	1.43	.59	1.09	2.17	1.04	1.62
8	1.23	.38	.85	1.24	.63	.98	1.65	.57	1.16	2.35	1.44	1.88
9	1.29	.64	1.03	1.43	.53	1.00	1.72	.33	1.10	2.28	1.11	1.72
10	1.40	.83	1.14	1.60	.43	1.05	1.58	.52	1.05	2.09	.92	1.51
11	1.37	.72	1.02	1.38	.36	.88	1.80	.25	1.10	2.04	1.11	1.54
12	1.37	.45	.93	1.52	.28	.90	1.45	.54	.96	2.04	1.23	1.61
13	1.44	.45	.95	1.39	.12	.78	1.75	.70	1.17	1.89	1.23	1.45
14	1.78	.69	1.20	1.30	.01	.71	2.03	.73	1.34	1.63	1.12	1.38
15	1.69	.62	1.14	1.45	.03	.76	1.66	.66	1.17	1.68	1.12	1.33
16	2.21	.77	1.52	1.55	.21	.88	1.25	.22	.87	1.88	1.48	1.61
17	2.15	.89	1.55	1.66	.34	.98	1.18	.43	.81	1.91	1.26	1.55
18	2.03	.83	1.38	1.30	.31	.82	1.11	.56	.84	1.97	1.02	1.54
19	1.95	.82	1.38	1.21	.24	.73	.92	.57	.73	1.93	.85	1.40
20	1.82	.74	1.25	1.08	.17	.66	.99	.56	.81	1.68	.51	1.17
21	1.54	.65	1.09	1.17	.33	.81	1.21	.53	.89	1.96	.83	1.44
22	1.21	.47	.85	1.40	.78	1.02	1.41	.70	1.09	2.26	.91	1.63
23	1.19	.40	.86	1.35	.68	.99	1.84	.54	1.24	2.21	.73	1.50
24	1.10	.64	.88	1.23	.36	.83	1.86	.59	1.24	1.92	.66	1.28
25	1.30	.77	1.00	1.45	.23	.92	1.86	.30	1.13	1.75	.79	1.24
26	1.50	.74	.98	1.66	.20	1.00	1.82	.37	1.10	1.47	.71	1.07
27	1.64	.62	1.14	1.81	.39	1.09	1.84	.42	1.10	1.02	.61	.82
28	1.75	.53	1.14	1.87	.20	1.09	1.75	.47	1.12	.97	.68	.80
29	1.68	.35	1.05	2.00	.48	1.18	1.37	.39	.94	1.34	.84	.97
30	1.81	.36	1.12	2.06	.55	1.31	1.10	.39	.84	1.44	.74	1.06
31	---	---	---	2.17	.58	1.38	1.44	.92	1.25	---	---	---
MONTH	2.21	.03	1.06	2.17	.01	1.00	2.03	.22	1.04	2.35	.51	1.33

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1994 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1994 to current year.

WATER TEMPERATURES: October 1994 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 49,100 microsiemens, July 29, 2000; minimum, 516 microsiemens, July 3,4, 1997.

WATER TEMPERATURES: Maximum, 35.2°C, Aug. 9, 1995; minimum 5.4°C, Jan. 5, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,100 microsiemens/cm, July 29; minimum, 12,100 microsiemens/cm, Oct. 24.

WATER TEMPERATURES: Maximum, 33.7°C, July 16; minimum, 8.5°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	34500	30800	32200	35500	26900	31500	29500	25300	27900	33200	29700	31900
2	35600	31200	34100	29200	18800	23700	40100	28600	33200	34800	30000	32200
3	36400	33700	35300	20900	17600	19000	46700	35100	40700	39300	33700	36200
4	38300	34500	36300	21000	19500	20300	47500	43900	46200	39500	28200	33900
5	37300	31300	35100	22400	19700	20600	47500	41200	44000	30300	23400	26500
6	37800	32800	35700	24600	19600	21300	42100	34300	36300	28700	24800	27000
7	43600	32100	38300	24600	19200	21200	37400	34000	35400	29400	25600	27700
8	43600	40200	41600	28600	21800	24400	37500	34100	36100	31700	26200	29000
9	43000	36000	39400	32600	25300	28600	39700	35000	36800	38300	28400	32400
10	39200	33700	36100	34700	30100	32200	39900	32700	35400	38400	31500	34800
11	34400	29200	31900	35600	32300	33700	39000	33200	36200	37600	29900	34300
12	33200	29500	31300	35200	29300	31600	42600	37200	39400	37800	33400	35300
13	31800	28100	29700	32700	30600	31400	43300	31900	37100	38600	33700	36200
14	30700	26000	28200	31900	30500	31300	36000	32100	33700	34600	21400	27100
15	31300	26300	29400	30500	27700	29300	37200	28700	32700	33700	25400	29600
16	31100	26200	28700	28000	23500	26700	30200	25400	27500	34100	29100	31400
17	30100	24200	27300	29700	26400	28400	30700	27800	28800	34700	29400	32300
18	24800	21400	23100	32600	29500	31600	30800	27800	29700	38500	29200	32900
19	24200	19900	22400	34600	29800	31700	31500	26200	28400	38400	30700	33600
20	20900	13800	17500	38600	31500	34600	32500	28000	29700	40500	27000	33100
21	15900	12600	14600	39000	34300	36400	28700	24300	26300	29500	22500	25800
22	20100	15300	17600	39900	34500	37100	26200	19400	21700	41800	26600	33500
23	18900	16400	17900	41400	35700	38400	24000	19200	21600	40900	32300	36200
24	19600	12100	15700	42100	36000	38800	23700	17600	20400	40300	26400	30800
25	20100	16000	18000	41300	33400	36900	24800	16800	19700	26500	20100	23500
26	23900	17800	20300	33500	24400	28300	22500	17000	19400	21600	17200	19300
27	26500	20600	23000	33200	28500	30200	24000	18200	20400	25700	15500	19200
28	28600	21000	24400	33400	28900	30800	26500	17800	21300	40600	25600	32500
29	29400	23600	26300	32700	26700	29700	28100	19900	23800	27200	21900	24500
30	35200	26800	30000	28800	23400	26100	34300	24900	28500	23800	17300	20400
31	37200	29300	32900	---	---	---	34300	26500	31300	22800	18600	20100
MONTH	43600	12100	28200	42100	17600	29500	47500	16800	30600	41800	15500	29800

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	26900	17600	21200	40100	33400	37600	36700	33100	35300	40100	36100	38600
2	30000	20400	23900	39300	35900	37400	37800	34600	36600	41200	36900	39300
3	30400	24900	27100	40800	34900	38500	39600	36100	38200	45100	39900	43900
4	32100	25600	28600	40800	31900	35000	36500	27700	32000	44700	41900	43600
5	27600	19400	23400	36100	32700	34000	31100	27300	29300	44600	42200	43800
6	26700	21400	24400	36700	32700	35100	33800	30400	32100	44300	42200	43500
7	28500	24300	25900	38400	36300	37600	36800	32400	34600	44000	41900	43000
8	32300	27300	29600	40500	35800	39100	33900	23500	29500	43900	40300	42500
9	35600	28500	32000	41200	38300	39800	25700	21200	23900	43000	39400	41900
10	41000	32700	36500	42700	38500	40400	29400	23900	26800	43100	40900	42500
11	42800	36300	38900	43100	35000	40500	33500	26000	29500	43200	40900	42300
12	43400	36600	40200	36400	32200	35000	35700	29400	32900	43900	41100	43000
13	45200	40000	43000	36600	33300	35000	36200	31000	32900	43800	41600	43000
14	45200	42300	43600	38600	33400	36500	33500	29000	31400	43400	39200	42600
15	45000	40800	42800	39300	37600	38700	33300	30000	31400	41600	38300	40200
16	44900	41500	43000	39100	36100	38400	34200	31700	32600	41500	38100	40200
17	45100	39400	42500	38900	35200	37900	32400	26600	30000	42900	39800	41800
18	44700	41800	43600	38800	37100	38000	32000	26500	29100	43100	39700	41400
19	44300	40600	42400	37100	31200	34300	34300	29200	32400	42900	39700	41400
20	42500	33400	36800	32700	29900	30900	37100	32400	34900	44100	40500	42100
21	37600	35100	36100	34700	32700	34100	32800	28300	31500	44100	41200	42900
22	37200	35500	36300	34400	31800	33300	33100	27800	30800	42900	41100	42400
23	40200	36800	38600	33500	30200	32100	39200	32100	35600	43300	40800	42200
24	42000	39400	40700	34300	32400	33700	39100	34200	37600	43600	40200	41600
25	43300	41200	42300	35400	33300	34100	35800	32300	34500	43800	41200	42900
26	43300	41300	42700	34300	32100	33200	35300	31000	33400	44400	41100	42400
27	41800	37900	40100	34000	30500	31900	35600	30200	32900	44000	41000	42500
28	39000	34100	36900	36000	29800	32800	35600	29700	31900	44600	40200	42500
29	40100	36700	38200	37700	34500	36100	34400	28100	31400	43100	38900	42100
30	---	---	---	37500	34100	35900	37700	31900	34500	43200	40000	41900
31	---	---	---	34100	29100	31600	---	---	---	43200	40000	42200
MONTH	45200	17600	35900	43100	29100	35800	39600	21200	32300	45100	36100	42100
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	43600	41000	42600	37800	32300	35200	47200	43400	45300	40700	35600	38100
2	43800	41500	42900	36900	31000	34600	47300	43200	45300	38500	34400	36900
3	43600	39200	42200	38300	32400	35400	46600	42400	44800	40100	35400	37700
4	43500	39400	42200	38700	34100	36600	45200	39000	43500	39800	35400	38100
5	43700	38100	42100	38700	33800	36200	43400	35200	39600	40100	36700	38500
6	43000	39100	41600	36000	33000	35000	43100	36200	40000	40400	35400	38900
7	41500	37600	40100	34600	30100	32200	43500	37100	42100	39200	35400	37800
8	41800	38100	40200	32100	27500	30100	45300	40700	43700	40900	36700	38900
9	42400	38400	40600	31000	29400	30500	45600	42500	44100	41300	38300	40000
10	42100	39500	41200	33900	28800	31200	44200	39600	42700	40800	37700	39500
11	42600	38500	40500	32300	27300	30000	44400	37800	41900	40500	37400	38500
12	41800	38700	40800	32600	25400	29200	44800	37300	42200	40800	37500	38800
13	42400	38700	41100	30500	24900	27500	45000	38100	43300	39500	35700	38400
14	42400	39500	40900	30000	23700	27200	45200	41400	43100	37500	33700	36400
15	42100	38200	41000	32300	23300	27900	44300	40700	42200	36000	32000	33900
16	42100	37500	40200	36400	24300	30700	40700	36200	38700	35300	32100	33800
17	41500	38800	40400	36800	28400	32700	39500	34700	36900	35100	32500	33800
18	41700	39300	40400	35600	28000	31000	39600	34500	37300	35500	33100	34800
19	41100	37000	39800	36500	27900	31200	38400	32900	35600	36800	33900	35500
20	41000	37900	40000	39200	27300	33100	37000	33800	35700	37200	33100	35400
21	41200	38100	40200	40500	29700	35300	39600	33200	37400	37800	34000	35800
22	41300	37800	40600	43000	38000	40300	41500	34600	38400	37900	33700	36300
23	41400	36400	38800	41300	33900	38100	41100	36800	39200	38700	34400	37000
24	39800	35800	37900	40800	33300	36200	41400	37200	39300	38100	33800	35900
25	39800	34900	38200	41300	34100	37600	41900	37100	39800	36100	32200	34800
26	40500	35700	38800	43600	37800	41200	41900	36100	39800	33800	26300	30300
27	40500	35400	38200	46600	40200	43600	42200	38100	40200	28200	26000	27100
28	41100	35700	38700	47700	41800	44600	42100	38300	40200	28600	26200	27400
29	40600	33900	37100	49100	41800	45400	38300	34700	36600	30600	25900	27100
30	39300	33700	36800	48300	43000	46200	36900	30300	33500	32100	27100	29700
31	---	---	---	48700	43900	46400	41900	36900	39200	---	---	---
MONTH	43800	33700	40200	49100	23300	35200	47300	30300	40400	41300	25900	35500

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.1	22.8	23.4	22.6	20.8	21.7	15.3	13.9	14.7	16.3	14.6	15.3
2	25.0	23.0	23.8	20.8	17.2	19.2	16.5	14.9	15.6	18.0	15.7	16.7
3	26.9	24.5	25.5	17.2	15.9	16.5	18.6	16.2	17.3	19.3	17.4	18.4
4	26.7	26.0	26.4	17.2	15.5	16.3	19.3	18.6	18.8	19.2	14.6	17.5
5	26.2	25.0	25.7	18.4	16.5	17.5	19.3	17.5	18.8	14.6	11.4	13.1
6	25.0	22.8	24.0	19.1	17.4	18.3	17.5	14.5	15.6	13.1	11.9	12.6
7	25.6	23.8	24.8	19.8	18.0	18.9	15.0	13.8	14.6	13.3	12.2	12.8
8	25.6	25.1	25.4	20.9	18.9	19.7	15.9	14.5	15.1	15.1	12.6	13.6
9	25.8	24.9	25.5	21.6	20.1	20.7	18.0	15.8	16.6	16.9	14.4	15.6
10	25.8	25.4	25.6	22.2	20.8	21.6	17.7	16.3	17.0	18.0	16.6	17.2
11	25.6	25.3	25.4	23.1	21.7	22.3	17.3	16.0	16.8	18.9	17.1	17.9
12	26.1	25.0	25.5	22.7	21.4	21.9	18.8	17.0	17.8	19.6	17.9	18.7
13	26.8	25.1	25.9	22.2	20.8	21.5	18.7	17.1	18.1	20.4	19.0	19.7
14	27.0	25.7	26.4	22.1	21.2	21.7	17.4	16.2	16.8	19.0	13.7	15.9
15	27.0	25.7	26.4	21.6	20.7	21.2	16.9	15.1	16.3	15.3	13.7	14.4
16	27.3	26.0	26.6	20.9	16.8	19.3	15.1	13.5	14.0	16.9	14.5	15.5
17	27.9	26.5	27.1	18.9	17.7	18.2	13.6	12.9	13.3	17.8	16.3	17.0
18	27.0	25.3	25.9	18.6	17.1	18.0	13.7	13.1	13.5	18.7	16.9	17.9
19	25.5	23.9	24.8	19.0	18.0	18.3	13.1	12.4	12.8	20.0	18.1	19.0
20	23.9	20.5	21.8	20.7	18.9	19.7	13.4	12.2	12.8	19.7	16.6	18.5
21	20.5	19.2	19.9	21.6	19.8	20.6	13.0	11.9	12.5	16.6	13.2	14.4
22	20.2	19.0	19.6	22.5	20.8	21.5	11.9	10.6	11.1	15.9	13.6	14.6
23	20.3	19.3	19.8	23.0	21.4	22.0	11.5	10.2	11.0	17.5	15.8	16.5
24	19.3	17.1	17.9	23.6	22.0	22.5	12.3	10.4	11.3	17.0	13.2	15.0
25	18.3	16.7	17.5	22.4	19.8	21.3	11.7	10.5	11.0	13.2	10.8	11.6
26	19.2	17.4	18.1	19.8	17.2	18.1	11.8	10.2	11.1	10.8	9.3	9.9
27	20.4	18.3	19.2	17.8	16.3	17.3	12.1	10.7	11.4	9.4	8.5	8.9
28	21.1	19.7	20.4	18.1	16.5	17.3	11.9	10.9	11.4	12.1	9.3	10.8
29	21.5	20.5	21.1	18.2	16.6	17.5	12.7	10.7	11.4	11.3	10.1	10.5
30	21.8	21.1	21.4	17.3	14.9	15.8	13.6	11.9	12.6	10.5	8.8	9.7
31	22.2	21.6	21.8	---	---	---	15.1	13.0	14.1	9.9	8.8	9.3
MONTH	27.9	16.7	23.3	23.6	14.9	19.5	19.3	10.2	14.4	20.4	8.5	14.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.5	8.8	9.2	22.0	19.8	20.9	23.3	22.5	23.0	25.5	23.3	24.2
2	11.1	9.0	10.0	23.0	21.1	21.9	24.9	23.0	23.8	25.7	23.8	24.6
3	13.4	10.4	11.3	23.1	21.5	22.5	24.7	23.0	24.2	25.0	24.1	24.6
4	13.7	11.3	12.3	22.6	19.5	20.9	23.0	19.3	20.8	25.6	24.0	24.8
5	12.3	9.8	10.9	21.0	19.1	20.2	20.4	18.6	19.6	26.4	24.8	25.6
6	12.4	10.0	11.2	21.4	19.8	20.6	20.6	19.3	19.9	26.7	25.0	25.9
7	13.2	11.3	12.1	21.6	20.1	20.8	21.9	20.0	20.9	27.2	25.6	26.3
8	14.6	12.8	13.4	22.7	20.9	21.8	21.8	18.1	20.9	27.5	25.8	26.7
9	15.6	13.7	14.5	23.8	21.9	22.9	18.1	15.6	16.9	27.7	26.1	26.9
10	16.6	14.6	15.5	24.7	22.8	23.7	18.7	16.4	17.6	28.1	26.3	27.2
11	17.4	15.9	16.6	24.0	20.1	23.2	21.3	18.2	19.6	28.8	27.0	27.8
12	19.3	17.2	18.1	20.1	15.8	17.8	23.3	20.3	21.8	28.7	27.2	28.1
13	20.1	18.9	19.5	18.7	16.5	17.6	23.9	22.0	22.9	29.1	27.6	28.4
14	22.3	20.0	20.8	18.5	17.0	17.9	23.0	22.1	22.3	28.6	26.8	27.6
15	21.6	20.6	21.1	18.8	18.2	18.5	24.2	21.4	22.6	27.8	25.6	26.4
16	22.5	20.9	21.6	20.7	18.6	19.6	25.0	22.4	23.6	27.7	25.6	26.8
17	23.4	21.8	22.6	21.4	20.1	20.6	26.2	23.4	24.7	27.3	25.8	26.7
18	23.9	22.5	23.2	21.4	20.3	20.9	26.6	24.5	25.5	27.6	25.8	26.8
19	23.6	21.5	23.0	20.4	19.0	20.1	26.7	25.0	25.8	28.9	26.6	27.7
20	21.5	17.1	18.9	20.0	17.6	18.6	26.3	25.0	25.6	28.4	27.3	27.9
21	18.6	17.4	18.1	20.2	18.5	19.4	25.8	24.2	25.0	28.2	27.5	27.8
22	18.6	17.0	17.7	21.5	19.1	20.3	24.3	22.7	23.5	29.2	26.8	27.8
23	19.4	17.7	18.5	22.2	20.3	21.4	23.2	22.3	22.8	29.0	27.4	28.2
24	21.0	18.9	20.0	23.0	21.0	22.0	24.5	22.6	23.4	29.4	27.6	28.5
25	21.7	20.1	20.9	23.7	21.8	22.8	23.8	22.2	23.1	29.8	28.1	28.9
26	22.4	20.9	21.6	24.2	22.9	23.5	24.1	22.0	22.9	29.9	28.4	29.2
27	21.8	19.8	20.7	23.5	22.7	23.2	24.4	22.7	23.7	30.0	28.6	29.2
28	20.4	18.5	19.6	23.5	22.0	22.9	24.7	23.1	23.9	30.4	28.7	29.5
29	20.7	18.5	19.7	24.0	22.4	23.2	25.2	23.2	24.1	30.9	28.9	29.7
30	---	---	---	26.1	23.4	24.5	25.0	23.6	24.4	30.6	28.9	29.7
31	---	---	---	24.1	22.2	23.3	---	---	---	29.6	28.1	28.8
MONTH	23.9	8.8	17.3	26.1	15.8	21.2	26.7	15.6	22.6	30.9	23.3	27.4

MISSISSIPPI RIVER DELTA

073802512 HACKBERRY BAY NORTHWEST OF GRAND ISLE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	28.9	27.5	28.1	29.6	28.5	28.9	28.5	28.0	28.2	32.0	30.2	31.0
2	30.0	27.9	28.8	30.5	28.2	29.1	28.6	27.8	28.2	30.9	29.8	30.3
3	29.7	28.9	29.4	30.6	29.2	29.8	28.5	27.5	28.0	31.8	29.9	30.4
4	29.7	28.4	29.0	30.4	28.8	29.7	30.6	27.8	28.8	32.7	30.8	31.7
5	29.2	28.4	28.7	31.1	28.8	29.9	31.4	29.2	29.9	32.1	31.0	31.5
6	28.8	27.9	28.3	32.0	29.8	30.7	31.7	30.0	30.7	31.0	27.5	29.7
7	27.9	26.4	27.2	32.1	30.4	31.0	32.4	30.5	31.3	28.5	25.8	27.5
8	28.2	26.4	27.3	31.8	30.9	31.4	32.8	30.5	31.5	28.1	26.8	27.5
9	29.0	27.2	28.1	32.1	30.3	31.2	32.8	30.6	31.5	28.6	26.5	27.4
10	29.6	27.8	28.6	32.6	30.2	31.1	32.0	29.9	31.0	30.0	27.8	28.7
11	29.7	28.1	28.9	32.5	30.6	31.5	31.5	29.0	29.7	30.1	28.8	29.6
12	30.5	28.4	29.3	32.9	30.9	31.7	31.8	29.7	30.6	30.6	29.2	29.8
13	30.3	28.8	29.5	32.5	30.6	31.5	31.3	29.8	30.5	30.2	29.4	29.7
14	30.4	28.6	29.5	32.6	30.5	31.5	31.3	29.7	30.5	30.1	29.0	29.5
15	30.0	29.0	29.5	32.8	30.5	31.5	31.4	30.3	30.8	30.4	29.2	29.7
16	29.6	27.5	28.5	33.7	30.9	31.8	32.1	30.0	30.8	30.0	26.7	28.2
17	29.1	27.0	28.0	32.0	30.4	31.0	32.9	30.7	31.3	26.7	25.7	26.2
18	29.9	28.1	29.0	31.9	30.2	30.8	33.4	31.2	31.9	27.0	25.0	25.9
19	30.4	29.0	29.7	31.5	29.9	30.5	32.7	31.6	32.1	27.2	26.0	26.6
20	30.8	29.1	30.0	32.7	29.7	30.9	32.1	31.1	31.5	28.9	26.6	27.5
21	31.1	29.5	30.3	32.2	30.6	31.2	32.1	30.3	30.9	28.9	28.0	28.4
22	31.7	29.6	30.7	32.3	30.4	30.9	31.1	29.4	30.4	29.4	27.9	28.4
23	32.6	30.5	31.3	30.7	28.9	29.7	30.2	28.7	29.5	30.0	28.3	29.1
24	31.8	30.6	31.3	30.3	27.9	29.0	29.6	28.8	29.2	30.8	28.8	29.7
25	31.6	30.1	30.9	30.9	28.5	29.4	31.2	28.8	29.6	29.9	26.5	29.1
26	31.4	29.7	30.5	31.9	29.1	30.1	31.7	29.9	30.5	26.5	22.4	23.9
27	30.9	29.5	30.1	32.0	29.5	30.7	33.3	30.4	31.3	23.1	21.5	22.3
28	30.5	29.2	29.9	33.3	30.1	31.0	32.0	30.7	31.2	23.2	21.8	22.5
29	30.1	29.1	29.6	32.7	30.2	31.2	32.0	30.6	31.3	24.1	22.1	23.0
30	30.3	29.0	29.3	31.3	29.7	30.2	31.6	30.3	31.0	24.9	22.6	23.6
31	---	---	---	29.8	28.5	29.0	31.6	30.3	30.9	---	---	---
MONTH	32.6	26.4	29.3	33.7	27.9	30.6	33.4	27.5	30.5	32.7	21.5	27.9

MISSISSIPPI RIVER DELTA

277

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 (levels determined by Global Positioning System). Prior to Oct. 1, 1999, datum of gage was 0.28 ft above NAVD 88.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.05 ft, July 18, 1997 (Hurricane Danny); minimum recorded, -1.47 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.59 ft, Oct. 8; minimum elevation, -0.72 ft, Dec. 24.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.34	.94	1.61	1.88	1.00	1.43	1.11	.78	.95	1.21	-.01	.61
2	2.27	.96	1.66	1.50	.33	.98	1.56	.85	1.15	1.26	.01	.60
3	2.29	1.12	1.75	1.03	.68	.85	1.99	1.22	1.60	1.59	.28	.92
4	2.32	1.26	1.83	.86	.66	.78	2.16	1.31	1.70	.93	-.38	.31
5	2.28	1.21	1.76	1.00	.48	.73	1.80	1.04	1.44	.96	-.56	.19
6	2.13	1.45	1.79	1.20	.46	.83	1.66	.26	.94	1.11	-.39	.36
7	2.17	1.81	2.01	1.34	.30	.78	1.78	.35	1.03	1.13	-.43	.31
8	2.59	2.11	2.32	1.68	.51	1.08	1.73	.47	1.09	1.52	-.08	.64
9	2.16	1.59	1.97	1.87	.58	1.15	1.89	.44	1.13	1.62	.11	.79
10	2.02	1.30	1.65	2.02	.74	1.33	1.82	.07	.85	1.63	.25	.74
11	2.08	1.19	1.57	1.96	.73	1.27	1.90	.25	1.01	1.09	.24	.64
12	2.08	1.21	1.58	1.81	.49	1.10	2.07	.78	1.41	1.05	.25	.61
13	2.00	1.04	1.49	1.81	.64	1.21	2.04	.30	.90	1.06	.02	.64
14	2.11	.97	1.47	1.79	.42	1.01	---	---	---	.70	-.05	.35
15	2.12	.95	1.51	1.52	.42	.96	---	---	---	.96	.37	.73
16	2.04	1.02	1.52	1.52	.71	1.11	---	---	---	1.00	.03	.49
17	2.08	.66	1.31	1.39	.72	1.04	1.10	.51	.78	1.41	-.09	.66
18	1.73	.71	1.21	1.33	.94	1.18	1.39	.74	1.06	1.39	-.23	.61
19	1.71	.71	1.22	1.44	.98	1.17	1.42	.42	.92	1.53	-.40	.55
20	1.33	.53	.97	1.42	1.03	1.23	2.08	.03	.88	1.25	-.65	.38
21	1.27	.75	1.04	1.94	.79	1.37	1.62	.23	.86	1.27	-.56	.30
22	1.44	1.04	1.21	2.05	.71	1.39	1.51	-.54	.46	1.67	.33	.97
23	1.19	.85	1.05	2.04	.60	1.32	1.32	-.47	.43	1.56	-.19	.70
24	1.32	.48	.92	2.16	.24	1.20	1.12	-.72	.18	2.02	-.19	.49
25	1.39	.30	.84	2.07	.25	1.09	1.12	-.57	.22	.70	.09	.36
26	1.55	.19	.86	1.76	.07	.92	.95	-.45	.19	.33	-.23	.08
27	1.69	.12	.88	1.73	.17	.92	.77	-.16	.32	.79	-.07	.33
28	1.80	.10	.88	1.61	.20	.85	.77	-.04	.37	1.64	.05	.96
29	2.01	.40	1.15	1.31	.36	.79	.62	.24	.41	.93	-.07	.42
30	2.25	.82	1.51	1.11	.58	.82	.73	.21	.44	.69	-.57	.15
31	2.25	.71	1.40	---	---	---	1.06	.13	.60	.79	-.43	.20
MONTH	2.59	.10	1.42	2.16	.07	1.06	---	---	---	2.02	-.65	.52

MISSISSIPPI RIVER DELTA

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.03	-.34	.37	1.26	.25	.78	1.59	.67	1.21	1.50	.98	1.28
2	.94	-.46	.23	1.26	.02	.64	1.60	.95	1.19	1.62	.98	1.29
3	.89	-.40	.23	1.34	.18	.75	1.79	.57	1.29	2.00	.84	1.43
4	.89	-.42	.18	1.05	-.01	.59	1.34	.28	.57	1.92	.63	1.32
5	.62	-.71	-.06	1.19	.04	.56	1.02	.36	.71	2.11	.38	1.34
6	.64	-.56	.01	1.15	.44	.74	1.16	.31	.77	2.16	.33	1.33
7	.61	-.30	.14	1.09	.57	.74	1.64	.47	1.07	1.93	.33	1.19
8	.67	-.05	.31	1.08	.81	.94	1.72	-.55	.72	1.92	.35	1.22
9	.53	-.05	.18	1.14	.75	.99	1.38	-.55	.62	1.86	.43	1.23
10	.73	.33	.54	1.30	.60	1.01	1.42	.02	.78	1.77	.52	1.22
11	.71	.33	.52	1.79	-.22	1.04	1.60	.13	.94	1.63	.68	1.22
12	.96	.24	.57	1.23	-.22	.59	1.60	.35	1.07	1.56	.94	1.32
13	1.63	.16	.91	1.29	.02	.69	1.51	.35	1.01	1.50	1.04	1.25
14	1.36	.26	.86	1.56	.10	.89	1.49	.53	1.01	1.31	.96	1.14
15	1.72	-.17	.84	2.13	.33	1.28	1.36	.91	1.14	1.35	.64	1.05
16	1.50	-.08	.75	1.75	.57	1.25	1.31	.96	1.10	1.55	.67	1.12
17	1.65	-.09	.80	1.44	.38	.93	1.18	.75	.99	1.78	.75	1.28
18	1.62	.06	.89	1.57	.48	1.00	1.26	.51	.93	2.20	.71	1.47
19	1.32	.07	.66	1.52	.56	1.10	1.45	.53	1.01	1.97	.70	1.34
20	.96	-.13	.37	1.25	.79	.94	1.58	.44	1.03	2.03	.43	1.34
21	.87	.02	.39	1.22	.62	.93	1.49	.26	.94	1.91	.41	1.19
22	.83	.39	.57	1.01	.44	.78	1.57	.26	.97	1.69	.37	1.07
23	.89	.54	.72	1.24	.44	.83	2.14	.52	1.43	1.68	.37	1.09
24	1.02	.56	.81	1.32	.39	.90	2.07	.61	1.48	1.57	.50	1.04
25	1.33	.71	1.03	1.40	.42	.95	1.68	.54	1.13	1.68	.50	1.21
26	1.33	.72	1.04	1.48	.42	.97	1.51	.50	1.02	1.62	.83	1.28
27	1.08	-.19	.62	1.76	.50	1.17	1.45	.41	.99	1.54	1.01	1.30
28	1.28	.08	.74	1.61	.58	1.17	1.35	.65	1.01	1.30	.91	1.10
29	1.36	.24	.84	1.87	.69	1.39	1.24	.60	.99	1.16	.83	.98
30	---	---	---	1.69	.80	1.30	1.41	.84	1.10	1.46	.65	1.09
31	---	---	---	1.39	.52	.95	---	---	---	1.62	.39	1.11
MONTH	1.72	-.71	.55	2.13	-.22	.93	2.14	-.55	1.01	2.20	.33	1.22
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	2.31	.48	1.45	1.91	-.03	1.01	1.84	.43	1.16	2.12	.77	1.18
2	2.27	.02	1.18	2.01	.10	1.12	1.68	.45	1.16	1.44	.91	1.13
3	2.05	-.17	1.00	2.07	.33	1.23	1.50	.78	1.17	1.58	.87	1.18
4	2.02	-.03	1.01	2.00	.44	1.30	1.19	.76	1.02	1.64	.80	1.22
5	2.07	-.13	1.01	1.85	.63	1.30	1.07	.78	.93	1.80	.93	1.40
6	1.80	-.05	.92	1.58	.73	1.20	1.26	.66	.98	1.89	.77	1.36
7	1.89	.32	1.22	1.33	.84	1.15	1.42	.59	1.06	2.16	1.07	1.65
8	1.92	.84	1.38	1.30	.87	1.12	1.61	.60	1.14	2.36	1.01	1.71
9	1.69	.92	1.35	1.37	.79	1.09	1.64	.48	1.09	2.37	1.07	1.73
10	1.78	.91	1.36	1.58	.65	1.13	1.61	.43	1.02	2.16	.95	1.62
11	1.81	.81	1.33	1.50	.47	1.01	1.80	.53	1.14	2.08	1.11	1.62
12	1.83	.46	1.17	1.56	.28	.95	1.65	.39	1.06	2.11	1.19	1.65
13	1.78	.31	1.06	1.46	.17	.84	1.76	.57	1.18	1.86	1.27	1.51
14	2.00	.33	1.19	1.47	.05	.82	1.93	.57	1.28	1.78	1.27	1.51
15	1.86	.55	1.19	1.51	.25	.86	1.69	.49	1.11	1.73	1.27	1.55
16	2.06	.51	1.34	1.57	.10	.89	1.39	.52	.95	1.91	1.44	1.67
17	2.11	.56	1.37	1.51	.14	.83	1.32	.59	.96	1.99	1.29	1.64
18	2.02	.62	1.34	1.40	.19	.80	1.26	.66	.98	2.07	1.30	1.68
19	2.00	.55	1.33	1.30	.19	.78	1.02	.74	.87	2.13	.93	1.48
20	1.89	.59	1.26	1.27	.20	.79	1.11	.77	.93	1.92	.69	1.29
21	1.69	.50	1.14	1.23	.33	.88	1.22	.60	.90	2.20	.73	1.53
22	1.44	.44	.97	1.24	.51	.99	1.50	.52	.99	2.34	.94	1.69
23	1.39	.50	1.01	1.29	.62	.94	1.81	.56	1.21	2.27	.68	1.51
24	1.24	.76	.98	1.15	.68	.92	1.87	.53	1.23	2.04	.52	1.33
25	1.30	.79	1.03	1.38	.58	.99	1.97	.41	1.24	1.92	.59	1.28
26	1.39	.86	1.05	1.59	.26	.97	1.98	.35	1.23	1.45	.63	1.01
27	1.59	.70	1.14	1.71	.33	1.05	1.99	.33	1.20	1.20	.84	.99
28	1.73	.53	1.18	1.85	.21	1.09	1.86	.47	1.19	1.22	.80	1.05
29	1.83	.26	1.08	2.03	.15	1.14	1.64	.54	1.13	1.60	.96	1.26
30	1.92	.05	1.11	2.07	.19	1.14	1.43	.74	1.08	1.79	.87	1.30
31	---	---	---	1.97	.34	1.17	1.56	.85	1.29	---	---	---
MONTH	2.31	-.17	1.17	2.07	-.03	1.02	1.99	.33	1.09	2.37	.52	1.42

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to current year.

WATER TEMPERATURES: July 1992 to current year.

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

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 56,500 microsiemens, Jan. 3, 1998; minimum, 3,330 microsiemens, July 13, 1997.

WATER TEMPERATURES: Maximum, 36.5°C, June 26, 1996; minimum, 2.5°C, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 53,800 microsiemens/cm, July 27; minimum, 31,300 microsiemens/cm, July 5.

WATER TEMPERATURE: Maximum, 34.6°C, Aug. 9; minimum, 8.2°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	43900	41800	42300	44900	42500	44100	47900	44800	45800	47400	45700	46500
2	44900	43400	43700	44600	43900	44300	49200	47900	48800	45800	44300	45500
3	45600	44200	44500	44600	44200	44500	49300	49000	49200	44600	43000	44100
4	45700	45200	45400	44200	43600	43800	49400	48400	48800	43000	38600	40700
5	46000	45600	45700	45200	43600	44200	48400	46400	47400	41500	37800	38400
6	45800	44700	45300	47800	45100	45900	46800	45900	46200	44800	38700	41100
7	45100	44700	44900	47600	45900	46700	46900	46700	46800	47200	43300	44600
8	45000	43800	44300	46600	46100	46400	47000	46800	46900	48800	46000	47200
9	44400	40000	43200	48200	45600	46500	48100	46900	47300	49200	48600	48900
10	44400	41200	43400	48900	46100	48100	48100	47500	47800	48900	48500	48600
11	42100	37500	40100	48900	47400	48600	48200	47700	48100	49000	48600	48900
12	40200	39300	39600	48400	48200	48300	48900	48200	48500	48900	48600	48800
13	39900	39500	39600	48300	48000	48100	48700	46300	47000	48600	46800	48100
14	40500	39400	39900	48000	45800	47700	---	---	---	46900	45900	46600
15	41200	40000	40200	47700	47100	47300	---	---	---	48700	45700	47000
16	42000	40900	41200	47500	47000	47400	---	---	---	49100	48700	48900
17	42400	40700	41300	47600	47400	47500	47800	47100	47300	49000	48400	48800
18	41600	36700	39700	47600	47400	47500	48200	44200	46300	48500	47700	48200
19	39600	35300	37900	47600	47400	47500	47000	43500	45200	48000	46200	47000
20	39100	38100	38700	47900	47600	47700	48500	43400	46200	46600	46200	46400
21	39300	39000	39100	48000	47400	47800	43400	39400	40300	47000	45800	46600
22	39600	38900	39200	47400	47100	47200	43600	39900	40900	47300	46500	46900
23	40400	38800	39800	47600	46900	47400	45000	41800	42700	47200	44300	46100
24	40700	39500	40400	46900	45100	46200	44000	39500	42400	46800	42300	43500
25	42400	39700	40900	45400	43200	44900	40600	39200	39800	43300	41900	42800
26	42300	41600	41900	43500	43100	43200	41100	40000	40700	43800	43100	43500
27	42500	42000	42300	43500	43200	43400	41200	40000	40700	44000	43300	43700
28	44000	40500	42500	44200	43500	43900	41800	40900	41300	45500	42600	44200
29	45700	43600	44000	44400	44200	44300	48100	41800	43500	43600	42000	42800
30	47400	44800	45900	44800	44400	44600	48300	45700	47700	43500	43000	43300
31	47400	42800	45800	---	---	---	48200	46100	47400	44600	42300	43300
MONTH	47400	35300	42000	48900	42500	46200	---	---	---	49200	37800	45500

MISSISSIPPI RIVER DELTA

073802515 BARATARIA BAY PASS EAST OF GRAND ISLE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.1	27.1	28.0	29.9	28.4	29.1	28.6	28.0	28.3	32.7	29.9	30.9
2	31.1	27.6	29.0	30.3	28.4	29.0	28.9	27.8	28.3	31.4	29.4	30.4
3	30.4	28.6	29.5	31.0	28.5	29.4	28.5	27.4	27.9	33.1	30.0	31.0
4	29.6	28.2	28.9	32.7	28.6	30.1	28.9	27.1	28.0	32.7	30.7	31.6
5	30.2	27.8	28.8	31.2	27.9	29.4	30.9	28.1	29.3	32.5	31.0	31.7
6	29.8	28.6	29.1	33.0	29.7	31.2	31.5	29.2	30.0	31.0	27.5	29.4
7	29.0	27.0	28.0	32.3	30.4	31.4	31.6	29.5	30.4	28.6	26.0	27.2
8	28.7	26.4	27.4	32.0	30.4	31.2	32.0	29.9	30.8	28.2	27.3	27.7
9	29.7	27.2	28.3	31.7	30.7	31.2	34.6	30.1	31.9	28.9	27.1	27.9
10	30.1	27.6	28.7	32.2	30.4	31.2	33.5	28.8	31.0	31.5	28.5	29.4
11	30.5	27.9	29.0	33.5	30.0	31.6	31.4	27.9	29.4	30.9	29.2	30.0
12	30.8	28.3	29.6	33.0	30.6	31.7	32.3	29.6	30.8	31.5	29.6	30.4
13	30.7	28.8	29.8	32.0	30.2	31.1	31.2	30.2	30.6	31.0	29.2	30.3
14	30.8	28.9	29.8	33.4	30.2	31.4	31.7	30.0	30.8	31.6	29.9	30.7
15	30.1	29.1	29.6	31.9	30.3	30.9	31.8	30.0	30.7	31.8	30.0	30.8
16	29.3	27.7	28.5	32.7	30.0	31.0	32.7	30.1	31.3	30.9	27.2	28.8
17	29.7	27.1	28.1	31.5	30.0	30.6	32.0	31.0	31.3	27.2	25.0	26.0
18	31.4	28.3	29.5	31.4	29.8	30.5	31.6	30.7	31.2	27.3	24.6	25.9
19	31.0	29.6	30.3	31.6	29.8	30.6	33.6	30.6	31.9	27.6	26.3	27.0
20	31.5	29.3	30.3	31.5	29.7	30.7	32.2	30.5	31.1	29.4	27.0	28.0
21	31.1	29.6	30.2	31.5	29.9	30.5	31.8	30.0	30.7	29.9	28.4	29.2
22	30.9	28.8	29.9	30.7	29.8	30.3	30.8	29.2	30.2	29.5	28.1	28.9
23	30.2	29.4	29.8	29.9	28.5	29.1	31.3	27.8	29.5	30.3	28.5	29.3
24	30.6	29.0	29.9	31.9	27.4	29.3	30.6	28.9	29.6	30.5	29.0	29.7
25	30.1	29.4	29.8	32.1	29.4	30.7	31.6	29.0	30.3	30.7	27.2	29.6
26	31.0	29.1	30.0	32.1	30.0	31.0	33.5	30.8	31.8	27.2	22.1	24.0
27	31.2	29.1	30.2	32.0	30.5	31.2	33.3	31.2	32.1	23.8	21.0	22.2
28	31.0	29.1	30.1	33.0	29.8	31.3	34.3	31.2	32.3	23.9	21.9	22.8
29	30.8	29.0	29.8	33.1	30.8	32.1	33.3	31.0	32.0	25.6	22.5	23.8
30	30.1	29.1	29.6	32.1	29.8	30.7	32.9	30.5	31.5	26.5	22.5	24.4
31	---	---	---	29.8	28.6	29.2	31.2	30.4	30.7	---	---	---
MONTH	31.5	26.4	29.3	33.5	27.4	30.6	34.6	27.1	30.5	33.1	21.0	28.3

07380335 LITTLE LAKE NEAR CUTOFF, LA

LOCATION.--Lat 29°31'03", long 90°10'53", T. 19 S., R. 22 E., Lafourche Parish, Hydrologic Unit 08090301, on platform in Little Lake, 9.3 mi southeast of Cutoff.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is NAVD 88 (levels determined by Global Positioning System).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 5.08 ft, Aug. 26, 1992; minimum recorded, -0.81 ft, Dec. 8, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.00 ft, Oct. 8; minimum elevation, -0.38 ft, Feb. 5.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.88	1.31	1.61	1.62	.88	1.31	.96	.66	.79	1.02	.29	.63
2	1.98	1.46	1.71	1.01	.28	.70	1.48	.86	1.11	1.11	.38	.73
3	2.11	1.60	1.85	.84	.35	.65	1.97	1.46	1.65	1.44	.69	1.06
4	2.25	1.73	1.98	.85	.65	.76	2.18	1.80	1.96	1.37	.23	.68
5	1.99	1.41	1.80	.90	.63	.78	2.18	1.32	1.64	.68	-.07	.22
6	1.97	1.50	1.75	1.00	.55	.79	1.32	.73	.98	.73	.15	.45
7	2.52	1.73	2.17	1.01	.48	.75	1.31	.71	1.03	.78	.14	.45
8	3.00	2.42	2.70	1.29	.62	.91	1.47	.88	1.13	.87	.27	.56
9	2.62	2.25	2.38	1.41	.79	1.11	1.40	.82	1.12	1.07	.36	.76
10	2.30	1.80	1.99	1.52	.97	1.27	1.42	.62	.96	.99	.47	.74
11	1.94	1.58	1.77	1.62	.98	1.28	1.28	.71	1.03	.96	.45	.72
12	2.04	1.61	1.80	1.46	.80	1.11	1.53	1.02	1.30	.94	.53	.75
13	1.90	1.44	1.68	1.41	.94	1.18	1.60	.59	1.01	.99	.61	.78
14	1.89	1.43	1.65	1.48	.78	1.11	1.02	.59	.83	.79	.39	.51
15	1.91	1.43	1.66	1.16	.55	.86	1.10	.28	.71	.96	.51	.73
16	1.92	1.37	1.64	1.06	.60	.83	.70	.16	.39	.92	.37	.64
17	1.87	1.16	1.55	1.07	.75	.93	.81	.43	.63	1.04	.30	.63
18	1.56	1.00	1.26	1.19	1.00	1.10	.92	.63	.81	1.04	.16	.62
19	1.58	.95	1.32	1.24	.96	1.08	1.05	.35	.65	1.00	-.01	.51
20	1.09	.56	.83	1.27	1.01	1.14	1.29	.52	.85	.96	.09	.47
21	1.05	.56	.82	1.61	.89	1.20	1.00	.33	.67	.70	.07	.35
22	1.13	.64	.92	1.67	1.08	1.36	.96	.10	.50	1.26	.70	.89
23	.94	.71	.83	1.78	1.14	1.44	.91	.15	.51	1.29	.56	.93
24	.91	.42	.70	1.70	.87	1.33	.75	-.04	.33	1.17	-.01	.50
25	1.03	.46	.74	1.66	.73	1.17	.69	-.08	.29	.29	-.06	.09
26	1.10	.49	.81	1.22	.48	.79	.56	-.12	.20	.16	-.33	-.10
27	1.17	.52	.86	1.16	.53	.86	.37	-.09	.18	.77	.16	.35
28	1.28	.58	.93	1.19	.56	.86	.48	.01	.21	1.54	.76	1.12
29	1.36	.79	1.10	1.00	.43	.72	.57	.15	.31	.77	.17	.39
30	1.61	1.16	1.41	.66	.40	.53	.68	.28	.45	.43	-.17	.11
31	1.80	1.12	1.50	---	---	---	.92	.25	.55	.46	-.15	.14
MONTH	3.00	.42	1.47	1.78	.28	1.00	2.18	-.12	.80	1.54	-.33	.56

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.64	.04	.32	1.27	.69	.92	1.75	1.26	1.45	1.53	1.29	1.43
2	.64	-.01	.28	1.10	.50	.76	1.75	1.29	1.48	1.52	1.31	1.43
3	.58	-.06	.25	1.10	.46	.76	1.78	1.31	1.61	1.88	1.38	1.69
4	.49	-.14	.15	.99	.40	.66	1.31	.37	.75	1.89	1.37	1.67
5	.42	-.38	-.04	.87	.35	.60	.95	.35	.70	1.99	1.35	1.69
6	.27	-.32	.00	.95	.66	.80	1.05	.58	.86	1.94	1.44	1.68
7	.38	-.15	.13	1.07	.83	.94	1.35	.73	1.10	1.78	1.28	1.52
8	.43	.02	.26	1.14	.97	1.10	1.01	.25	.67	1.74	1.15	1.45
9	.43	.01	.22	1.19	.96	1.11	.84	-.03	.42	1.68	1.13	1.42
10	.64	.28	.45	1.32	.94	1.14	1.04	.35	.70	1.57	1.15	1.37
11	.74	.45	.59	1.27	.77	1.08	1.25	.54	.88	1.56	1.14	1.36
12	.86	.40	.60	.91	.32	.62	1.40	.78	1.09	1.63	1.31	1.48
13	1.27	.48	.83	1.01	.32	.66	1.37	.81	1.06	1.60	1.29	1.43
14	1.20	.69	.97	1.23	.54	.90	1.16	.62	.89	1.29	.91	1.11
15	1.36	.58	.92	1.85	.91	1.30	1.17	.83	1.01	1.16	.72	.96
16	1.35	.64	.95	1.79	1.15	1.38	1.22	.92	1.07	1.19	.71	.96
17	1.38	.62	.94	1.48	.96	1.16	1.01	.61	.87	1.52	.75	1.24
18	1.53	.77	1.16	1.49	.97	1.23	1.04	.59	.82	1.91	1.26	1.62
19	1.39	.65	.92	1.56	.81	1.14	1.24	.59	.96	1.78	1.31	1.56
20	.82	.24	.52	1.01	.76	.85	1.31	.76	1.05	1.81	1.25	1.55
21	.69	.34	.51	1.25	.94	1.14	.98	.64	.80	1.61	1.20	1.38
22	.97	.56	.71	1.07	.70	.93	1.12	.44	.79	1.46	.98	1.19
23	1.04	.76	.93	1.16	.67	.95	1.74	.70	1.24	1.31	.87	1.10
24	1.26	.88	1.05	1.27	.94	1.10	1.58	1.13	1.37	1.29	.88	1.10
25	1.58	1.10	1.33	1.26	.90	1.07	1.28	.88	1.04	1.50	.96	1.25
26	1.53	1.25	1.39	1.10	.75	.91	1.12	.65	.89	1.64	1.19	1.43
27	1.34	.76	.93	1.19	.60	.89	.96	.58	.80	1.67	1.41	1.58
28	1.10	.49	.79	1.37	.70	1.04	.99	.63	.83	1.41	1.00	1.20
29	1.27	.68	.94	1.66	1.07	1.36	1.12	.65	.89	1.06	.78	.94
30	---	---	---	1.63	1.17	1.32	1.39	.92	1.12	1.28	.81	1.09
31	---	---	---	1.28	.81	1.04	---	---	---	1.38	.92	1.25
MONTH	1.58	-.38	.66	1.85	.32	1.00	1.78	-.03	.97	1.99	.71	1.36
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.74	1.21	1.47	1.58	.98	1.28	1.56	1.05	1.30	1.34	1.03	1.18
2	1.67	1.12	1.40	1.69	.98	1.34	1.55	.97	1.28	1.33	1.03	1.18
3	1.53	1.01	1.25	1.78	1.09	1.46	1.51	1.15	1.32	1.32	1.06	1.20
4	1.54	.88	1.18	1.88	1.24	1.56	1.32	1.08	1.18	1.42	1.01	1.23
5	1.44	.85	1.14	1.76	1.33	1.54	1.08	.88	.98	1.51	1.21	1.37
6	1.34	.77	1.07	1.54	1.23	1.38	1.23	.89	1.04	1.66	1.11	1.46
7	1.27	.86	1.06	1.32	1.03	1.18	1.41	1.05	1.26	1.81	1.11	1.52
8	1.38	.83	1.11	1.41	1.03	1.14	1.57	1.08	1.34	2.17	1.53	1.92
9	1.55	1.03	1.26	1.31	1.01	1.16	1.55	1.00	1.33	2.26	1.74	2.03
10	1.55	1.37	1.48	1.44	.96	1.23	1.46	.82	1.18	2.09	1.62	1.89
11	1.53	1.18	1.38	1.28	.76	1.08	1.54	.82	1.22	2.12	1.60	1.88
12	1.42	1.02	1.25	1.22	.64	.97	1.47	.93	1.19	2.16	1.73	1.94
13	1.37	.97	1.18	1.09	.55	.83	1.63	.93	1.29	1.91	1.57	1.75
14	1.54	.97	1.29	1.00	.44	.73	1.67	1.02	1.36	1.79	1.44	1.61
15	1.46	1.08	1.27	1.09	.34	.72	1.63	1.07	1.29	1.74	1.37	1.51
16	1.71	1.06	1.43	1.20	.50	.84	1.26	.85	1.04	1.76	1.56	1.63
17	1.86	1.39	1.60	1.13	.59	.87	1.21	.76	.98	1.66	1.41	1.53
18	1.80	1.31	1.54	1.08	.59	.83	1.18	.81	.99	1.81	1.45	1.64
19	1.90	1.35	1.63	1.01	.54	.76	.90	.72	.82	1.93	1.41	1.68
20	1.89	1.42	1.65	1.04	.45	.73	.92	.75	.84	1.84	1.30	1.58
21	1.78	1.41	1.59	1.14	.52	.80	1.10	.81	.96	1.94	1.53	1.74
22	1.57	1.29	1.43	1.23	.78	1.00	1.31	.92	1.12	2.05	1.53	1.80
23	---	---	---	1.21	.77	.90	1.58	1.00	1.31	2.10	1.45	1.80
24	---	---	---	1.05	.75	.88	1.63	1.04	1.35	1.94	1.29	1.67
25	---	---	---	1.21	.77	1.00	1.66	1.01	1.37	1.66	1.09	1.44
26	---	---	---	1.39	.81	1.13	1.62	.97	1.31	1.14	.73	.95
27	---	---	---	1.51	.86	1.21	1.63	.97	1.31	1.07	.66	.84
28	---	---	---	1.57	.88	1.24	1.58	.98	1.28	1.02	.82	.93
29	---	---	---	1.60	.87	1.25	1.29	.82	1.06	1.32	.97	1.12
30	1.54	.92	1.27	1.61	.89	1.27	1.25	.70	.94	1.41	1.12	1.27
31	---	---	---	1.71	.93	1.34	1.52	1.09	1.30	---	---	---
MONTH	---	---	---	1.88	.34	1.09	1.67	.70	1.18	2.26	.66	1.51

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1992 to current year.

WATER TEMPERATURES: June 1992 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 39,800 microsiemens, Dec. 5, 1999; minimum, 297 microsiemens, Mar. 11, 1998.

WATER TEMPERATURES: Maximum, 34.0°C, Aug. 19, July 3, 1995; minimum, 2.6°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 39,800 microsiemens/cm, Dec. 5; minimum, 5,230 microsiemens/cm, Jan. 26.

WATER TEMPERATURE: Maximum, 33.1°C, July 12; minimum, 8.5°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	12700	11700	12200	20400	10300	14800	11600	7350	9600	13000	9520	10500
2	13600	12600	13100	10300	6850	8630	16000	11600	12900	13000	8950	10500
3	14700	13500	13900	7290	5970	6350	28000	16000	22400	17700	10500	13900
4	16600	14000	15300	8180	7290	7710	36300	25900	31400	22000	8640	13300
5	16500	14900	15800	8400	7210	7860	39800	27400	37100	9200	6560	7830
6	14900	11800	13000	8440	6450	7410	29800	19200	22900	8620	6620	7310
7	17900	12100	14200	8370	6710	7280	29600	19700	24500	9060	6720	7790
8	25600	17900	21500	8910	7190	7710	23800	17600	21100	8920	6820	7760
9	26600	23400	24900	9700	8250	9210	21700	19500	20700	11800	8820	10600
10	23400	21000	22500	12000	9540	11500	21400	14900	17800	16700	10400	13500
11	21500	17100	19700	16000	12000	14800	17900	15300	17000	15800	10800	13900
12	17400	14900	16300	15400	9030	12000	22900	17400	19200	13000	11000	12200
13	15000	11800	13400	11600	9870	10800	23400	16800	19300	15500	8920	13100
14	12900	10800	11800	12900	9990	11400	18600	14700	16600	10000	6600	7290
15	11100	9650	10500	12000	8900	9760	16000	11700	14600	13600	7260	9760
16	9960	9240	9590	9480	8230	8930	13100	8180	9700	13600	10000	11600
17	10800	8770	10000	9860	8350	9300	15000	11600	13700	13000	10200	11400
18	9980	6940	7830	12100	9360	10900	15300	14000	14700	13300	9140	11000
19	10200	6880	8240	12600	12000	12200	14700	10300	12400	14700	10700	13100
20	6970	5650	6370	17700	12600	14300	14700	9520	12800	15000	6610	10900
21	6400	5650	6170	18600	15200	17500	10100	7360	9230	6750	5810	6300
22	7830	6280	7030	18400	15200	17000	8160	7350	7670	15600	6750	11500
23	7720	6360	6920	20800	16100	18200	8120	7060	7570	19200	13000	16000
24	6460	6360	6410	21000	18400	19700	8160	7230	7780	13400	7890	10100
25	7000	6430	6540	19500	13900	16800	8190	7470	7760	7890	6100	6770
26	7360	6950	7150	14200	10800	12500	7950	7500	7760	7180	5230	5570
27	7520	6950	7230	12500	10300	11500	8270	7680	7880	8920	5360	6810
28	8070	7070	7420	13600	10600	12100	8350	6970	7520	12600	7400	9230
29	8280	7070	7780	13000	9320	11300	8190	7080	7580	10600	6330	8070
30	10800	7760	9580	9320	6970	7620	8590	7880	8250	8450	6330	7260
31	18300	10500	15700	---	---	---	11000	8080	8490	7260	5850	6500
MONTH	26600	5650	11900	21000	5970	11600	39800	6970	14800	22000	5230	10000

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7300	6650	7040	25300	22000	23600	21700	13300	16600	21900	17700	20400
2	7930	7050	7420	23000	18300	19900	22200	17700	20300	24000	21800	22700
3	7700	7340	7530	23800	19900	22100	24500	17700	21900	29000	22100	26200
4	7680	6410	7350	22400	14300	16900	17800	13400	16300	30900	26700	29100
5	7160	6190	6690	16500	12700	13800	14500	10000	11100	30700	26200	28900
6	6770	6240	6400	19200	14900	17500	14300	11200	12700	30500	26200	29100
7	6900	6430	6680	21000	17500	20000	17300	13100	14700	30100	26800	28300
8	7440	6840	7090	23900	19500	22000	16800	9150	12500	28500	25400	26600
9	10300	7120	8140	25500	22000	23800	10100	7430	8720	29300	26300	27600
10	14400	7760	10100	25500	19900	22500	11400	8210	9940	31400	28200	29600
11	14800	12500	13800	25200	18700	21600	13900	11000	11700	33900	27300	29900
12	20300	10500	14000	18700	15100	16700	16500	11700	13000	36900	33300	35000
13	25200	14700	18200	17600	13300	15300	16900	12400	14900	36900	28800	33300
14	26800	16600	22300	19700	17300	17700	14600	11800	13300	30700	26000	28500
15	26800	14600	18900	27600	19700	21700	15800	13200	14500	26000	22100	24100
16	24900	18900	21500	28300	24500	26700	16300	12200	14800	27000	21700	24800
17	25400	18100	20600	27600	21300	23200	15700	11700	12800	30100	24500	27500
18	27700	22000	25600	21800	21400	21600	14100	11500	12800	37300	29600	33900
19	26800	16800	21800	---	---	---	15300	12900	14100	36700	33600	35100
20	16900	11700	14600	---	---	---	17200	14400	16000	36900	32800	35600
21	16900	11700	13700	16300	12300	14200	15000	11800	13300	34800	30100	33300
22	18300	14100	16200	12300	10500	11200	12800	10400	11800	31700	28200	30200
23	20400	17500	19400	12400	9670	11200	20900	12500	15300	29000	27500	28200
24	24400	20400	21900	14800	12100	13700	21300	16200	18600	29900	26200	27900
25	30900	24100	26700	18300	12600	14800	17500	13800	15400	32100	27300	29600
26	32300	28900	30600	14900	12100	13200	15100	13200	14200	34600	31500	32500
27	28900	21500	24100	14000	11200	11800	14200	11600	12400	36200	34300	35200
28	25400	18100	21400	15900	9080	12200	13800	11200	12600	34500	29900	32100
29	23100	20100	21200	19100	15700	16600	14100	11000	12300	29900	25900	27300
30	---	---	---	20500	16300	18100	17700	14100	14900	26900	25400	26300
31	---	---	---	16300	11600	13200	---	---	---	28200	26600	27400
MONTH	32300	6190	15900	---	---	---	24500	7430	14100	37300	17700	29200
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	33200	28200	31100	21100	17300	19400	25100	20300	23100	22800	19000	20900
2	33500	31800	32700	19600	14500	17700	26100	19200	23100	20300	17400	18900
3	32300	30400	31300	18800	14900	17000	23500	19900	21600	20400	16700	18500
4	30800	29100	29600	19700	16100	17900	21800	19000	20000	22500	17800	19800
5	29900	28500	29000	19300	17400	18300	20100	16300	17700	22900	18400	21700
6	28900	26700	27300	18400	14500	16700	22700	18200	19900	24200	18300	22200
7	26900	25000	25800	16600	14000	15100	22700	19600	21400	23400	15800	20100
8	27900	25800	26500	15500	13600	14200	24300	22100	23200	30400	21600	27700
9	32500	27800	29000	14900	13500	14300	25100	22000	24300	33300	27500	29900
10	35100	32500	34100	15800	13500	14500	22300	18400	20600	30300	25500	28500
11	36000	34500	35200	14100	12300	13400	22400	17800	19800	30000	23900	27300
12	34600	29800	31900	14400	11300	12500	24200	19200	22000	30100	26800	28900
13	32200	28800	30900	12800	11100	11500	24000	20400	22200	27100	24300	25500
14	33300	31300	32400	12400	11200	11600	25700	21600	23600	25700	23100	24000
15	33400	32500	32900	12700	11100	11700	24500	21500	23200	24400	19600	22100
16	35100	30300	32800	15200	11300	12800	21500	19600	20500	22300	18700	20800
17	35800	32600	34000	15500	11500	13200	20200	18200	19100	23300	16200	20200
18	35500	32700	34100	14200	11800	12900	20100	17200	18800	21700	20400	21100
19	34500	30900	32700	13300	11000	11900	19400	15800	17100	25300	21100	23900
20	32400	29300	31200	13300	10700	11600	16900	14500	15600	24100	19900	22300
21	31800	29200	30000	15200	11000	12200	17700	14800	16500	23700	19900	22100
22	29800	26000	27900	16400	13600	14900	20600	17000	19200	25100	21200	23100
23	---	---	---	16400	12800	14400	21900	17800	20400	26200	21600	24500
24	---	---	---	12800	12100	12400	22800	18300	21000	24100	21400	22700
25	---	---	---	14400	12800	13700	24200	20000	22500	21400	19900	20800
26	---	---	---	17100	13900	15700	25100	20400	22600	20500	14200	16600
27	---	---	---	19600	14700	17100	25200	19500	22800	15600	12400	13400
28	---	---	---	22600	16200	19900	25100	20100	22900	13900	11900	12700
29	---	---	---	24900	15400	21300	22200	19200	20000	17000	13900	15200
30	24600	18100	21300	24600	18100	21000	19900	16800	18200	18000	16200	17300
31	---	---	---	25600	18300	22800	23800	19300	21800	---	---	---
MONTH	---	---	---	25600	10700	15300	26100	14500	20800	33300	11900	21800

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.4	23.0	23.7	22.4	20.7	21.8	15.2	13.7	14.5	15.1	14.1	14.7
2	25.0	23.2	23.8	20.7	17.6	19.3	16.0	14.6	15.4	17.1	14.8	16.0
3	26.1	24.5	25.2	17.6	16.1	16.7	17.5	15.7	16.6	18.7	16.8	17.7
4	26.2	25.7	26.0	18.0	15.8	16.8	18.4	17.4	17.9	19.0	15.4	17.6
5	25.9	24.8	25.4	18.8	16.9	17.8	18.6	17.4	18.3	15.4	13.1	14.0
6	24.8	23.3	24.0	19.0	17.3	18.2	17.4	15.1	15.8	13.6	12.2	13.0
7	25.2	23.7	24.5	19.7	17.7	18.8	16.1	13.5	15.1	13.8	12.5	13.1
8	25.3	24.9	25.1	19.6	18.2	19.0	15.8	14.5	15.1	14.8	12.9	13.7
9	25.3	25.0	25.2	20.9	19.5	20.1	16.9	15.4	16.0	16.6	14.1	15.4
10	25.3	25.0	25.2	21.8	20.5	20.9	17.0	16.1	16.6	17.7	16.2	16.6
11	25.3	25.2	25.2	22.2	21.2	21.6	17.1	15.8	16.5	18.2	16.6	17.2
12	25.5	24.9	25.3	22.1	21.0	21.6	18.0	16.7	17.3	19.4	17.9	18.6
13	26.1	25.2	25.7	22.0	20.4	21.1	18.1	17.0	17.6	19.8	18.3	19.0
14	27.0	25.9	26.3	21.9	21.2	21.4	17.5	16.5	17.1	18.3	14.6	16.1
15	27.1	26.1	26.5	21.4	19.8	20.6	16.9	14.8	16.2	15.5	13.8	14.7
16	27.5	26.0	26.6	20.0	18.4	19.1	14.8	13.4	14.0	16.8	14.7	15.8
17	27.6	26.7	27.0	19.1	17.8	18.3	14.1	13.0	13.6	16.8	15.8	16.3
18	27.0	25.3	25.8	19.1	17.3	18.3	13.7	13.1	13.4	18.7	16.7	17.5
19	25.4	23.7	24.7	19.8	18.2	18.9	13.1	12.8	12.9	18.6	17.6	18.1
20	23.7	21.0	22.2	19.6	19.1	19.2	13.1	12.4	12.8	18.6	15.9	17.9
21	21.0	19.7	20.3	20.4	19.2	19.8	12.9	11.4	12.4	15.9	13.6	14.4
22	20.5	19.2	19.8	21.7	20.0	20.6	12.1	10.8	11.4	15.6	13.3	14.6
23	20.5	19.2	20.0	22.1	20.7	21.4	11.9	10.3	11.1	17.1	15.6	16.2
24	19.2	17.2	17.8	22.5	21.4	22.0	11.9	10.2	11.1	16.7	12.9	14.8
25	18.1	16.5	17.4	21.9	19.2	20.8	11.3	10.1	10.7	12.9	11.2	12.0
26	18.7	16.9	17.8	19.2	16.9	18.1	11.2	10.0	10.5	11.3	9.0	10.0
27	19.8	17.9	18.8	18.2	16.6	17.3	12.0	10.4	11.1	9.6	8.5	8.8
28	20.9	18.9	19.8	18.2	16.5	17.4	11.9	10.5	11.2	10.6	8.7	9.8
29	20.9	19.6	20.3	17.9	16.8	17.4	11.9	10.4	11.1	10.3	9.7	9.9
30	21.4	20.2	20.8	16.8	14.5	15.3	13.2	11.4	12.2	10.3	9.0	9.6
31	22.0	21.4	21.7	---	---	---	14.6	12.2	13.3	9.9	8.7	9.3
MONTH	27.6	16.5	23.2	22.5	14.5	19.3	18.6	10.0	14.2	19.8	8.5	14.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.6	8.7	9.2	21.6	19.8	20.6	23.1	22.4	22.7	24.8	23.1	23.9
2	10.9	9.2	10.0	23.2	21.1	22.0	24.4	22.8	23.3	24.9	23.7	24.2
3	12.2	10.0	11.0	22.7	21.3	22.0	24.1	22.5	23.5	25.1	23.9	24.5
4	13.4	10.7	11.8	22.1	20.5	21.2	22.5	19.8	20.8	25.7	23.9	24.9
5	12.0	9.8	10.9	21.5	19.1	20.3	21.1	18.7	19.9	26.2	24.8	25.5
6	12.1	9.7	10.8	21.4	19.5	20.4	20.9	19.5	20.1	26.6	24.7	25.7
7	12.3	10.9	11.6	21.6	20.2	20.9	22.0	19.8	20.8	27.0	24.8	25.9
8	13.5	11.8	12.4	22.6	20.8	21.6	21.5	18.6	20.7	27.1	25.0	26.1
9	15.4	12.3	13.6	23.5	21.9	22.5	18.6	16.4	17.4	27.3	25.8	26.6
10	15.6	13.8	14.6	24.5	22.6	23.5	18.5	16.6	17.6	27.4	25.9	26.7
11	16.8	15.5	16.0	23.8	21.1	23.1	20.3	18.1	19.1	28.2	26.1	27.3
12	18.9	16.5	17.4	21.1	18.2	19.1	22.1	19.8	20.8	28.6	26.5	27.7
13	19.7	17.9	18.8	19.5	17.3	18.3	22.0	21.1	21.6	29.0	27.4	27.9
14	20.5	19.4	19.9	18.7	17.5	18.2	22.1	21.1	21.6	28.7	26.6	27.6
15	21.7	20.1	20.8	18.7	18.3	18.5	22.6	20.7	21.6	27.6	25.1	26.3
16	22.0	20.6	21.1	20.0	18.5	19.1	24.5	21.5	22.6	26.9	25.7	26.2
17	23.2	21.0	22.3	20.9	19.4	20.2	25.6	22.6	23.9	27.4	25.6	26.5
18	23.3	21.8	22.6	20.8	19.7	20.4	25.7	23.6	24.7	27.5	25.9	26.8
19	23.2	20.8	22.5	20.4	18.8	19.7	26.4	24.9	25.6	28.9	26.7	27.6
20	20.8	18.4	19.2	19.7	17.7	18.7	25.8	24.4	25.2	28.4	27.5	27.8
21	18.9	17.2	18.0	20.3	17.9	19.0	26.4	24.4	25.2	28.3	27.2	27.7
22	18.6	17.0	17.8	21.4	19.1	20.1	24.6	22.8	23.8	28.2	27.0	27.4
23	19.2	17.8	18.4	22.2	20.4	21.3	23.5	22.6	23.1	28.8	27.0	27.9
24	20.5	18.7	19.6	22.6	21.1	21.8	25.0	23.0	23.7	29.1	27.5	28.3
25	21.3	19.7	20.5	22.8	21.7	22.1	24.2	22.3	23.3	29.5	27.8	28.7
26	21.9	20.4	21.2	24.0	22.3	23.1	24.1	22.4	23.2	29.8	28.3	29.1
27	21.2	19.9	20.6	24.1	22.7	23.2	24.6	23.1	23.8	29.9	28.4	29.1
28	20.4	18.7	19.6	23.7	22.1	22.8	24.7	23.1	23.8	30.5	28.5	29.3
29	20.5	18.5	19.5	23.5	22.4	22.9	25.2	23.0	23.9	31.1	28.9	29.8
30	---	---	---	25.6	23.0	23.7	24.8	23.0	23.9	30.3	28.6	29.6
31	---	---	---	24.3	22.3	23.2	---	---	---	29.9	28.0	28.8
MONTH	23.3	8.7	17.0	25.6	17.3	21.1	26.4	16.4	22.4	31.1	23.1	27.1

MISSISSIPPI RIVER DELTA

07380335 LITTLE LAKE NEAR CUTOFF, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.3	27.6	28.4	29.5	28.4	28.8	29.0	28.4	28.7	32.4	29.8	30.9
2	30.4	28.1	29.1	29.5	27.9	28.7	29.5	28.3	28.8	31.5	29.3	30.4
3	30.0	29.2	29.5	30.2	28.8	29.4	29.0	28.2	28.5	32.3	30.0	31.0
4	29.4	28.4	28.9	30.3	28.7	29.5	30.0	28.0	28.8	32.4	30.9	31.5
5	28.6	27.9	28.3	31.0	29.0	29.8	31.0	28.7	29.6	32.5	30.9	31.5
6	28.5	27.7	28.0	31.5	29.3	30.2	32.3	29.6	30.7	30.9	28.1	29.8
7	27.8	26.2	27.1	31.2	30.3	30.8	31.9	30.2	31.1	28.6	27.1	27.8
8	27.7	26.3	27.0	32.2	30.8	31.1	32.5	30.1	31.2	28.0	27.0	27.6
9	28.9	26.8	27.8	31.7	30.3	30.9	32.2	30.7	31.4	28.1	26.8	27.3
10	29.3	27.5	28.3	32.2	30.3	31.1	31.2	29.7	30.5	29.7	27.5	28.2
11	29.8	27.6	28.6	32.2	30.1	31.1	31.6	29.1	29.8	30.2	28.6	29.4
12	30.3	28.4	29.2	33.1	30.4	31.2	31.2	29.4	30.1	30.2	29.2	29.7
13	30.3	28.4	29.3	32.2	30.1	30.9	31.4	30.0	30.7	29.8	28.9	29.2
14	30.0	28.5	29.2	32.3	30.5	31.4	31.7	30.3	30.8	30.3	28.9	29.3
15	30.1	28.7	29.4	32.5	30.3	31.3	31.6	30.1	30.5	29.8	28.5	29.2
16	29.3	27.3	28.5	32.4	30.8	31.5	31.6	30.0	30.7	29.5	26.5	27.6
17	28.7	26.8	27.8	31.8	30.4	31.1	31.7	30.3	31.0	26.5	24.8	25.6
18	29.0	27.9	28.4	31.4	30.4	30.9	32.2	31.2	31.5	27.2	24.9	25.8
19	29.8	28.1	28.9	30.7	30.0	30.3	32.6	30.9	31.8	27.8	25.6	26.8
20	30.5	28.5	29.4	32.0	29.9	30.6	32.3	30.6	31.4	29.1	26.8	27.7
21	30.9	29.3	30.0	31.8	30.5	31.0	32.1	30.2	30.9	28.8	27.7	28.1
22	31.5	29.7	30.5	32.2	30.0	30.9	31.3	29.6	30.7	28.9	27.7	28.1
23	---	---	---	31.1	28.3	29.3	29.9	29.0	29.6	30.1	28.2	29.0
24	---	---	---	30.3	27.5	28.8	29.8	28.7	29.1	30.4	28.7	29.3
25	---	---	---	31.6	28.5	29.5	32.2	29.1	30.0	29.8	26.9	28.9
26	---	---	---	31.3	28.8	30.0	31.5	29.7	30.2	26.9	22.4	24.2
27	---	---	---	31.2	29.5	30.4	32.0	30.2	30.8	23.1	21.5	22.3
28	---	---	---	31.1	30.0	30.5	32.5	30.4	31.1	23.3	21.8	22.5
29	---	---	---	31.9	30.0	30.7	31.6	30.4	31.0	23.7	22.0	22.8
30	29.5	28.6	29.1	31.4	29.5	30.1	32.0	30.3	31.1	24.4	22.7	23.5
31	---	---	---	29.8	28.6	29.5	31.8	30.3	30.9	---	---	---
MONTH	---	---	---	33.1	27.5	30.4	32.6	28.0	30.4	32.5	21.5	27.8

07380340 TENNESSEE CANAL NEAR CUTOFF, LA

LOCATION.--Lat 29°27'23", long 90°11'46", T. 19 S., R. 22 E., Lafourche Parish, Hydrologic Unit 08090301, on Tennessee Canal, 6.3 mi east northeast of Galliano and 10 mi. southeast of Cutoff.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is NAVD 88 (levels determined by Global Positioning System). Prior to Oct. 1, 1998, datum of gage was 0.18 ft above NAVD 88.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 5.44 ft, Aug. 26, 1992; minimum recorded, -1.96 ft, Feb. 10, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.72 ft, Oct. 8; minimum elevation, -0.17 ft, Jan. 26.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.75	1.30	1.53	1.53	.92	1.28	.86	.59	.78	.80	.29	.52
2	1.85	1.39	1.62	.92	.40	.77	1.32	.84	1.02	.86	.48	.66
3	1.96	1.43	1.73	.71	.37	.57	1.77	1.32	1.51	.98	.71	.84
4	2.06	1.56	1.86	.76	.61	.70	2.00	1.77	1.87	1.12	.24	.69
5	1.91	1.46	1.74	.81	.64	.73	2.04	1.35	1.64	.34	-.02	.15
6	1.82	1.34	1.63	.91	.57	.73	1.35	.75	.97	.55	.27	.41
7	2.30	1.71	1.98	.94	.51	.70	1.19	.75	.98	.72	.28	.48
8	2.72	2.30	2.52	1.09	.60	.83	1.34	.92	1.13	.73	.36	.55
9	2.46	2.08	2.22	1.27	.86	1.07	1.34	.87	1.10	.95	.48	.73
10	2.09	1.61	1.85	1.43	.98	1.22	1.25	.67	.95	.85	.44	.65
11	1.80	1.46	1.62	1.54	.98	1.25	1.16	.82	.99	.84	.43	.65
12	1.85	1.47	1.64	1.37	.83	1.09	1.40	1.08	1.23	.85	.53	.69
13	1.71	1.31	1.51	1.34	.95	1.13	1.41	.58	1.01	.91	.61	.76
14	1.70	1.30	1.48	1.39	.77	1.10	.87	.58	.72	.72	.45	.53
15	1.69	1.30	1.50	1.04	.61	.86	1.00	.35	.74	.93	.54	.70
16	1.72	1.29	1.49	1.03	.67	.84	.60	.24	.36	.92	.44	.63
17	1.68	1.10	1.46	1.07	.78	.93	.75	.53	.63	.89	.35	.58
18	1.35	.90	1.15	1.17	.91	1.07	.90	.71	.84	.93	.28	.58
19	1.41	.90	1.22	1.15	.94	1.05	.98	.40	.61	.83	.16	.48
20	1.01	.57	.84	1.21	1.00	1.10	1.30	.65	.90	.70	.35	.54
21	.89	.58	.75	1.47	.89	1.13	1.31	.51	.85	.60	.26	.43
22	1.04	.58	.86	1.55	1.12	1.34	.80	.21	.49	1.08	.52	.81
23	.86	.75	.81	1.68	1.19	1.43	.74	.20	.47	1.24	.68	.94
24	.87	.51	.70	1.63	1.06	1.33	.60	.03	.31	1.05	.19	.70
25	.92	.52	.73	1.57	.89	1.23	.48	.01	.26	.25	-.02	.13
26	1.01	.53	.78	1.09	.52	.83	.40	-.08	.17	.08	-.17	-.02
27	1.08	.54	.83	1.07	.62	.84	.20	-.10	.05	.76	.08	.40
28	1.18	.66	.92	1.12	.60	.86	.26	-.04	.11	1.49	.76	1.20
29	1.29	.91	1.10	.91	.52	.72	.36	.02	.14	1.09	.29	.55
30	1.51	1.18	1.34	.67	.49	.59	.50	.17	.31	.50	.01	.20
31	1.77	1.12	1.50	---	---	---	.71	.21	.40	.40	.06	.23
MONTH	2.72	.51	1.38	1.68	.37	.98	2.04	-.10	.76	1.49	-.17	.56

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.61	.21	.37	1.19	.69	.90	1.70	1.28	1.44	1.74	1.44	1.61
2	.64	.17	.37	.98	.54	.73	1.73	1.33	1.51	1.70	1.46	1.57
3	.56	.08	.30	.99	.45	.71	1.72	1.44	1.62	1.96	1.44	1.76
4	.44	-.02	.20	.85	.47	.66	1.44	.55	.98	1.98	1.57	1.78
5	.34	-.14	.11	.80	.44	.62	.98	.45	.73	2.02	1.50	1.78
6	.22	-.09	.06	.92	.73	.80	1.09	.66	.88	1.99	1.55	1.77
7	.33	-.01	.15	1.04	.89	.95	1.34	.83	1.10	1.82	1.41	1.63
8	.40	.13	.26	1.10	.91	1.05	1.23	.70	.94	1.75	1.27	1.51
9	.43	.07	.25	1.13	.96	1.06	.89	.30	.61	1.68	1.25	1.48
10	.59	.23	.39	1.25	.89	1.06	1.14	.58	.83	1.61	1.23	1.44
11	.67	.42	.54	1.22	.98	1.12	1.32	.69	.98	1.59	1.22	1.42
12	.75	.38	.52	1.16	.54	.78	1.44	.94	1.17	1.64	1.36	1.51
13	.97	.51	.66	1.02	.46	.69	1.43	.94	1.16	1.64	1.43	1.52
14	1.11	.66	.89	1.25	.71	.94	1.35	.73	.98	1.45	1.09	1.32
15	1.21	.61	.86	1.71	1.05	1.28	1.24	.92	1.11	1.30	.94	1.15
16	1.26	.67	.94	1.77	1.18	1.43	1.34	.98	1.20	1.32	.87	1.10
17	1.15	.69	.92	1.47	1.04	1.22	1.15	.75	.98	1.54	.95	1.28
18	1.30	.85	1.10	1.52	1.04	1.27	1.19	.68	.96	1.93	1.38	1.67
19	1.27	.78	1.01	1.57	.87	1.23	1.30	.74	1.04	1.84	1.49	1.67
20	.91	.39	.64	.95	.79	.87	1.32	.91	1.12	1.84	1.38	1.62
21	.70	.43	.56	1.29	.95	1.18	1.06	.79	.93	1.62	1.33	1.48
22	.89	.56	.69	1.10	.82	1.01	1.18	.70	.94	1.51	1.11	1.30
23	1.01	.81	.90	1.18	.73	.96	1.78	.91	1.26	1.30	1.00	1.18
24	1.16	.89	1.00	1.31	.96	1.13	1.73	1.32	1.52	1.31	.96	1.14
25	1.46	1.08	1.23	1.25	.93	1.09	1.58	1.06	1.26	1.55	1.06	1.29
26	1.46	1.24	1.33	1.10	.80	.94	1.23	.82	1.04	1.66	1.29	1.47
27	1.42	.82	1.02	1.12	.67	.87	1.09	.74	.89	1.69	1.53	1.63
28	1.06	.60	.79	1.35	.81	1.04	1.10	.78	.93	1.53	1.10	1.29
29	1.18	.71	.91	1.60	1.14	1.35	1.25	.83	1.03	1.17	.91	1.08
30	---	---	---	1.60	1.25	1.40	1.50	1.09	1.27	1.42	.91	1.22
31	---	---	---	1.45	.99	1.18	---	---	---	1.53	1.08	1.36
MONTH	1.46	-.14	.65	1.77	.44	1.02	1.78	.30	1.08	2.02	.87	1.45
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.83	1.36	1.61	1.65	1.02	1.29	1.56	1.12	1.34	1.43	.97	1.19
2	1.79	1.35	1.54	1.63	1.01	1.31	1.55	1.04	1.30	1.27	1.03	1.16
3	1.60	1.15	1.37	1.77	1.09	1.42	1.50	1.19	1.35	1.29	1.07	1.19
4	1.51	1.04	1.27	1.92	1.27	1.55	1.30	1.10	1.19	1.44	1.02	1.27
5	1.48	1.00	1.24	1.76	1.35	1.55	1.10	.86	.98	1.50	1.13	1.37
6	1.45	.95	1.20	1.59	1.25	1.41	1.20	.89	1.05	1.74	1.32	1.57
7	1.41	1.12	1.25	1.35	1.06	1.19	1.43	.98	1.26	1.83	1.33	1.59
8	1.49	1.02	1.25	1.35	1.04	1.15	1.52	1.12	1.36	2.20	1.49	1.91
9	1.62	1.18	1.36	1.29	.98	1.15	1.57	1.05	1.33	2.29	1.78	2.05
10	1.65	1.49	1.60	1.43	.98	1.21	1.35	.96	1.17	2.08	1.66	1.88
11	1.65	1.34	1.52	1.26	.87	1.08	1.47	.87	1.18	2.07	1.60	1.84
12	1.60	1.23	1.42	1.24	.81	1.01	1.41	.94	1.17	2.11	1.71	1.91
13	1.47	1.14	1.31	1.09	.67	.87	1.56	.96	1.27	1.82	1.59	1.73
14	1.62	1.09	1.38	.96	.56	.74	1.61	1.08	1.36	1.71	1.46	1.59
15	1.57	1.26	1.42	1.06	.43	.73	1.52	1.11	1.31	1.68	1.33	1.47
16	1.84	1.19	1.52	1.14	.59	.86	1.25	.93	1.06	1.81	1.65	1.71
17	1.96	1.53	1.74	1.09	.65	.88	1.21	.78	.98	1.73	1.48	1.61
18	1.90	1.48	1.69	1.04	.61	.83	1.19	.82	.99	1.83	1.49	1.66
19	1.85	1.42	1.64	1.00	.59	.79	.98	.76	.83	1.94	1.47	1.72
20	1.72	1.36	1.55	.99	.52	.74	.92	.76	.84	1.81	1.29	1.58
21	1.53	1.26	1.40	1.10	.59	.80	1.06	.83	.93	1.94	1.36	1.71
22	1.34	1.06	1.20	1.26	.83	1.01	1.29	.94	1.12	2.03	1.55	1.80
23	1.29	.88	1.08	1.23	.78	.93	1.57	1.01	1.31	2.06	1.49	1.81
24	1.19	.87	.99	1.02	.75	.86	1.61	1.04	1.34	1.89	1.35	1.64
25	1.12	.87	1.01	1.19	.78	1.00	1.65	1.05	1.38	1.64	1.27	1.46
26	1.16	1.02	1.08	1.36	.80	1.12	1.63	1.03	1.33	1.39	.84	1.09
27	1.49	1.04	1.25	1.47	.86	1.18	1.64	1.03	1.32	1.05	.71	.87
28	1.54	1.08	1.30	1.53	.94	1.24	1.59	1.02	1.29	1.08	.85	.96
29	1.41	1.04	1.22	1.55	.93	1.24	1.29	.95	1.10	1.30	1.04	1.17
30	1.60	.96	1.27	1.56	.97	1.28	1.18	.72	.92	1.45	1.20	1.32
31	---	---	---	1.67	1.00	1.34	1.55	1.10	1.30	---	---	---
MONTH	1.96	.87	1.36	1.92	.43	1.09	1.65	.72	1.18	2.29	.71	1.53

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1992 to current year.

WATER TEMPERATURES: May 1992 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 44,200 microsiemens, May 26, 2000; minimum recorded, 693 microsiemens, July 18, 1997.

WATER TEMPERATURES: Maximum recorded, 37.8°C, June 26, 1996, Aug. 28, 1998; minimum recorded, -0.3°C, Feb. 4, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 44,200 microsiemens/cm, May 26; minimum, 7,420 microsiemens/cm, Feb. 9.

WATER TEMPERATURE: Maximum, 36.5°C, July 20; minimum, 4.9°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	11700	10100	10700	11100	8970	10400	12300	11600	11900	12000	10900	11500
2	12300	10900	11600	11200	8580	9730	12700	11800	12100	16600	10800	14000
3	13400	11100	12400	10400	9390	9870	16500	12600	14500	20900	12400	17700
4	13800	11700	13000	10400	9580	10000	23300	16000	19400	20000	15300	17900
5	15700	12900	14000	10600	9680	10200	24500	16900	20600	15500	11800	14400
6	14500	13100	13900	10600	9030	10200	17300	13700	15300	14200	11500	13100
7	16500	13600	15300	10400	8870	9770	17300	14200	15700	14400	11800	13100
8	22900	16400	18700	10300	8790	9680	18200	15700	16900	14200	12100	13000
9	22800	15100	16500	11800	9590	10800	18700	15700	17600	16100	12700	14100
10	15600	12500	13900	12000	10100	11300	19500	15700	17300	16100	13200	14800
11	14800	12100	13400	12400	9760	11000	19600	16500	17900	15800	13500	15000
12	14800	12900	13900	10600	9720	10400	19900	17800	19200	18900	14800	16400
13	15400	12400	13800	11400	10400	10900	19800	15600	17800	17300	15000	16300
14	14700	12800	13900	11300	10400	10800	18700	15800	17300	15100	14000	14400
15	15100	13400	14200	10500	10200	10400	18900	15300	17000	16000	13800	14800
16	14900	13500	14300	10300	9980	10200	17900	15100	16400	16800	15700	16100
17	15400	13300	14100	10800	10300	10600	18600	16500	17600	16900	15400	16300
18	14300	12400	13200	10900	10400	10700	18800	15400	16800	17500	14800	16200
19	14300	11200	12800	10900	9930	10500	15700	14600	15300	16400	14200	15800
20	13200	10400	12000	10600	9520	10200	16100	12300	14700	14800	12400	13900
21	13100	10800	11600	10700	9860	10300	12800	11600	12300	14100	12500	13400
22	12400	10200	11400	11200	10100	10800	12600	11500	12100	15300	13700	14300
23	12000	8760	10700	12800	9620	11800	12500	11400	11900	16700	13700	15300
24	12300	8170	10200	13500	11300	12300	12600	10200	11900	16300	12200	13900
25	11500	7970	10500	12600	10800	11700	12200	9460	10800	14200	11900	12600
26	11300	7970	10400	11800	10300	10800	12100	9270	10900	13800	11300	12900
27	10900	8040	9960	11500	10800	11100	12200	10400	11400	11800	9280	10500
28	10700	8030	9830	12000	11000	11500	12100	9370	10900	10600	8370	9290
29	11000	8660	9980	11600	10800	11200	11700	10300	11200	9870	8460	9100
30	11600	8850	10300	11800	11000	11300	11900	10100	11100	9160	8700	8940
31	12500	9460	11000	---	---	---	12300	9960	11300	9530	8750	9190
MONTH	22900	7970	12600	13500	8580	10700	24500	9270	14700	20900	8370	13800

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9540	8980	9290	30600	27300	29000	27200	18900	23300	32300	24500	28000
2	9400	8990	9180	29000	26500	28400	33200	27100	30200	37100	31400	34100
3	9820	8790	9330	29900	25800	28300	34500	30100	32700	38800	31500	34700
4	10000	8360	9270	27000	23600	25500	31000	24100	27000	37200	34500	35800
5	9800	8320	8940	25600	22800	24700	24400	20500	22500	39900	35900	37500
6	9970	7990	9080	26100	22200	24800	27800	19300	23700	39800	36100	38500
7	9830	8000	8890	29200	23200	26400	31600	25300	28800	39900	38200	39100
8	9130	7550	8510	32600	26500	29600	30200	18000	22800	40300	37900	39400
9	9740	7420	8760	33800	29300	31300	20500	16700	18600	40800	38800	39600
10	11200	8100	9630	35600	29200	32300	20400	17100	17800	40500	36300	38600
11	16300	10300	12900	35400	26800	30900	21700	18300	19700	41600	36300	39200
12	18700	12100	14900	28600	26900	27800	29100	21000	25300	42700	40300	41600
13	22300	17000	19300	28400	25500	27600	32100	17500	27100	42700	36200	38900
14	22300	18500	20500	29300	24900	27600	25300	20100	23000	37400	34800	36300
15	21400	17700	19800	30800	25700	29700	23300	17000	20500	35600	33500	35000
16	21700	18600	20400	31600	27400	30100	25600	21500	23700	35200	30800	33500
17	24500	20200	22100	30700	29600	30200	25000	21700	23400	40700	34200	36200
18	26600	23000	24600	30300	24500	28300	23000	19200	21100	43000	39600	41100
19	26600	22800	24400	25300	20700	23700	27000	20300	22500	43700	41500	42400
20	23700	21200	22300	22300	18900	20700	31200	22900	27600	43900	41800	42700
21	23000	21700	22400	23400	20400	22400	28500	18300	23500	43000	36200	39800
22	24600	21800	23100	22800	18700	22000	26100	18900	20900	39400	33600	36700
23	26100	22100	24900	25200	21500	22800	32600	22500	26500	35800	31200	33400
24	27600	26000	26800	25900	22800	24900	34700	20800	28600	37300	30300	33400
25	31800	27300	28900	26000	22100	24800	25100	20500	22300	43000	31900	36800
26	35400	29800	33000	26200	20600	24000	22400	18400	21000	44200	38900	42800
27	33100	28000	30900	24500	19300	22400	23000	18800	21000	44000	42300	43400
28	28900	25900	27900	25100	20900	22700	22500	17000	19600	42800	33400	36700
29	29400	26500	28300	31500	25100	27900	20100	18700	19200	36000	30500	33700
30	---	---	---	31900	19400	26700	24500	20100	22000	37900	30500	35400
31	---	---	---	24700	18900	21800	---	---	---	39300	34000	36300
MONTH	35400	7420	18600	35600	18700	26400	34700	16700	23500	44200	24500	37400
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	40500	36800	38400	22300	17200	20200	25400	19900	22600	24100	19200	22800
2	38900	36900	38300	20500	16900	18700	25100	19400	22900	21300	19400	20400
3	38400	36200	37300	20600	17200	18600	24300	21500	23300	19800	19100	19400
4	36900	33000	35900	22100	18600	20200	22300	19500	21000	19800	19400	19700
5	36000	31300	32800	22400	20600	21600	20200	17600	18500	19800	19400	19600
6	32500	30100	31300	21900	20000	21300	23000	18000	20600	19600	19100	19400
7	31300	29800	30700	21200	18700	20200	25600	21600	23100	20100	19000	19500
8	34800	30100	31400	20100	19300	20000	27400	24000	25900	20100	19200	19700
9	38100	31700	34900	20500	19000	19800	29700	25600	26600	20300	19400	20100
10	42400	38100	40100	20200	18200	19600	25900	22500	24000	20500	20100	20300
11	42400	39400	40200	20500	17700	19700	23600	21600	22800	20700	20300	20400
12	39800	36900	38700	20400	17700	19500	22600	20800	22000	21400	20500	20900
13	40600	36600	38300	20300	17600	19400	24200	21800	23000	21200	20500	20900
14	43300	38100	40600	19900	16500	18900	26300	23000	25000	20500	19200	20100
15	42900	32800	40500	19400	16300	18300	28900	25400	26800	20200	18200	19000
16	43800	29800	40600	19000	15700	18000	26300	23300	25200	20200	19200	19600
17	42700	29800	39500	19400	15600	17800	25200	22900	24100	19200	18800	19000
18	41700	36500	40600	20000	16500	18200	24200	22700	23500	20700	19000	19700
19	41500	37300	39700	18400	16000	17800	23400	20300	22000	22000	20200	20900
20	41500	35300	38800	18700	15000	17700	22300	20600	21600	21900	21100	21600
21	39800	27800	34700	19400	16200	18100	22200	19100	20900	22200	21200	21700
22	37400	23300	30000	21200	15600	18000	22600	19400	21200	22200	21200	21600
23	35100	26500	31600	21100	17000	17700	21500	18800	19800	23800	21800	22900
24	32800	26800	30200	17300	15500	16800	20700	18400	19500	24500	22100	23500
25	32800	27600	31400	17200	14800	15900	20800	18600	19600	22600	20600	21700
26	33200	24900	29000	18900	15100	16700	21400	19300	20300	22100	19100	20900
27	30900	16300	27300	20100	16500	17800	22400	19900	21000	21100	19400	20100
28	27900	16300	25600	18900	16700	17800	23000	21300	22200	20500	18800	19600
29	26100	18600	23100	20600	17900	19100	22400	20500	21400	19600	16700	18200
30	25000	18800	22800	23200	18500	21000	22700	19800	21100	18200	16000	17000
31	---	---	---	24000	19500	22100	26100	20200	23400	---	---	---
MONTH	43800	16300	34500	24000	14800	18900	29700	17600	22400	24500	16000	20300

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	20.0	22.1	23.5	19.1	21.5	16.9	10.4	13.2	22.2	17.0	19.6
2	26.9	21.6	23.9	19.1	13.9	17.4	18.0	13.6	15.5	23.0	18.7	20.7
3	28.2	24.9	26.3	18.2	12.6	15.0	19.8	16.2	17.9	23.8	20.1	21.7
4	27.2	25.9	26.5	20.5	15.0	17.3	20.3	18.9	19.5	22.3	10.7	17.1
5	27.0	23.3	25.3	22.0	16.3	19.2	19.9	17.0	19.2	14.1	6.8	10.5
6	24.6	20.3	22.8	21.5	16.9	19.3	17.0	12.3	14.1	15.5	9.5	12.2
7	26.7	23.1	24.8	22.4	16.8	19.6	15.7	10.9	13.1	16.1	11.2	13.5
8	25.8	25.0	25.5	23.5	17.8	20.6	17.8	13.5	15.5	18.7	11.7	15.0
9	25.6	24.8	25.3	24.9	20.0	22.1	21.4	16.3	18.7	23.3	17.3	20.0
10	26.0	24.8	25.3	25.2	21.4	23.1	20.6	15.9	18.0	21.9	18.7	20.1
11	26.1	24.7	25.5	26.1	22.0	23.8	18.9	14.6	16.6	22.7	16.8	19.6
12	27.2	24.7	25.9	23.8	19.8	21.7	20.9	17.3	19.1	23.4	18.8	21.0
13	29.1	25.2	27.0	24.0	19.0	21.3	20.4	15.7	18.1	24.6	20.1	22.5
14	29.3	25.9	27.4	24.1	20.0	21.7	19.1	14.0	16.4	20.1	11.3	13.8
15	29.3	25.4	27.0	22.5	19.1	20.7	16.7	11.6	15.3	16.1	9.8	12.9
16	29.5	25.2	27.2	19.6	15.8	17.7	13.6	8.6	11.1	20.4	14.3	16.9
17	30.0	26.3	27.8	20.5	14.9	17.2	14.0	10.6	12.2	21.4	16.3	18.9
18	27.0	23.8	25.1	20.8	15.1	17.9	14.2	11.9	13.3	21.8	17.7	19.8
19	24.4	21.6	23.4	21.3	17.4	19.1	13.2	10.6	11.6	23.1	18.0	20.3
20	21.6	17.8	20.3	22.5	19.2	20.8	14.3	10.7	12.5	20.1	14.3	17.8
21	21.0	17.0	18.6	24.5	20.2	22.0	12.7	10.6	11.7	14.7	8.8	11.4
22	22.4	17.8	19.5	25.0	21.3	23.0	13.8	8.5	10.9	18.1	10.7	14.2
23	21.6	18.3	19.8	25.3	21.5	23.3	13.8	8.2	10.9	20.7	17.0	18.6
24	19.0	13.0	16.2	25.6	22.2	23.5	15.2	8.7	11.9	19.4	8.8	13.9
25	21.5	13.6	17.2	22.2	17.6	20.0	13.9	7.7	10.9	13.0	6.4	9.7
26	23.3	16.5	19.6	17.8	13.5	15.9	14.7	8.1	11.5	12.0	5.0	8.8
27	25.1	18.3	21.4	18.4	12.8	15.3	15.1	10.9	13.0	8.9	4.9	7.3
28	25.2	19.3	22.1	19.6	14.3	16.7	14.8	10.0	12.1	13.0	8.9	10.9
29	23.0	19.8	21.4	19.8	15.2	17.5	17.0	9.9	12.7	11.3	9.3	10.2
30	23.9	20.5	22.1	17.6	11.9	14.7	19.3	11.6	14.9	12.5	7.0	9.1
31	23.9	21.7	22.4	---	---	---	21.4	14.6	17.9	11.8	7.1	9.3
MONTH	30.0	13.0	23.4	26.1	11.9	19.6	21.4	7.7	14.5	24.6	4.9	15.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.2	7.3	8.9	25.8	20.4	22.9	23.6	21.4	22.5	27.0	21.9	24.3
2	15.3	8.8	11.6	28.0	21.5	24.1	26.6	22.9	24.4	26.6	23.4	24.9
3	18.9	10.5	14.1	25.7	21.8	23.6	25.0	21.4	23.7	26.3	23.3	24.9
4	18.5	11.3	14.5	22.9	16.9	20.5	21.9	16.7	19.3	27.6	23.7	25.5
5	15.1	6.8	11.2	24.7	16.1	20.0	22.6	15.2	19.0	28.0	24.8	26.3
6	17.8	8.6	13.1	24.2	18.1	20.9	23.7	18.6	20.9	28.0	24.7	26.4
7	17.4	10.6	14.3	24.1	19.8	21.6	25.2	19.5	22.4	29.6	24.9	27.0
8	19.1	13.3	15.8	26.0	20.3	23.1	23.5	15.0	20.4	29.8	25.0	27.3
9	21.5	13.6	17.2	27.4	22.7	24.8	19.4	10.0	14.6	29.0	25.3	27.2
10	22.2	15.0	18.5	27.1	23.3	25.0	22.1	15.9	18.9	30.4	25.4	27.6
11	21.7	17.9	19.7	24.8	17.0	23.0	24.0	19.8	22.0	31.0	26.3	28.6
12	24.3	19.0	21.3	20.5	12.1	16.3	26.8	21.7	24.0	30.7	26.5	28.5
13	23.7	19.9	21.6	21.5	14.5	17.6	25.9	22.7	24.1	31.6	26.6	28.8
14	26.1	20.7	23.1	20.1	16.1	18.2	23.3	20.2	21.7	30.4	24.5	27.4
15	24.4	21.2	22.7	19.3	18.3	18.8	26.8	19.4	22.9	29.5	22.4	25.6
16	25.8	21.7	23.3	24.0	18.6	21.1	28.6	21.6	25.0	30.9	24.3	27.2
17	26.2	22.5	24.1	24.1	20.9	22.3	30.7	23.9	26.8	28.8	25.4	27.2
18	25.7	22.0	23.8	22.9	19.4	21.3	29.8	22.8	26.0	29.3	24.8	27.0
19	24.2	19.4	22.7	21.0	17.3	19.5	29.5	24.8	27.0	31.1	26.2	28.6
20	19.4	13.2	16.9	21.3	14.8	17.7	27.3	23.5	25.6	29.9	26.9	28.3
21	20.8	14.2	17.0	22.6	17.5	19.9	27.2	22.8	25.0	29.3	26.2	27.8
22	21.2	15.0	17.5	25.2	18.7	21.8	25.1	18.8	22.4	32.2	25.8	28.5
23	22.0	16.9	19.2	25.1	20.5	22.9	23.8	20.7	22.5	30.7	26.5	28.6
24	24.0	19.4	21.5	25.4	20.9	23.2	27.5	22.4	24.3	31.2	26.5	28.8
25	23.9	19.9	22.0	27.0	21.3	24.2	26.3	20.0	22.8	32.2	27.2	29.7
26	24.4	20.7	22.5	26.7	23.0	24.5	27.5	20.7	23.7	31.8	27.7	29.7
27	22.9	18.3	20.5	24.9	21.4	23.3	26.4	21.9	24.3	31.8	27.3	29.4
28	22.1	15.1	18.4	25.7	20.3	23.1	26.8	22.0	24.2	32.5	27.2	29.8
29	23.2	17.4	20.3	24.8	22.2	23.6	28.0	21.4	24.5	33.4	28.0	30.3
30	---	---	---	28.3	23.3	25.5	26.9	22.9	24.8	32.9	27.1	29.8
31	---	---	---	25.7	20.0	22.7	---	---	---	30.9	26.1	28.4
MONTH	26.2	6.8	18.5	28.3	12.1	21.8	30.7	10.0	23.0	33.4	21.9	27.7

MISSISSIPPI RIVER DELTA

07380340 TENNESSEE CANAL NEAR CUTOFF, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.2	26.0	27.7	30.8	27.4	28.3	28.8	26.6	27.8	34.3	29.0	31.1
2	31.7	26.8	29.0	31.9	26.6	29.1	30.9	26.7	28.7	34.1	28.2	30.8
3	31.7	28.0	29.6	32.3	27.9	30.1	29.5	27.6	28.4	35.2	29.8	32.1
4	30.6	27.2	28.8	32.4	28.2	30.2	32.7	26.6	29.5	35.0	31.1	32.8
5	30.4	27.0	28.6	33.4	28.1	30.6	35.4	28.5	31.4	34.3	30.2	32.0
6	29.4	26.9	28.1	34.8	29.3	32.0	36.0	30.3	32.5	30.2	26.0	28.6
7	29.4	24.0	27.0	35.3	29.2	32.0	33.9	29.6	31.5	29.6	24.2	26.6
8	29.7	25.4	27.6	35.0	30.1	32.2	33.7	28.8	30.9	28.8	26.0	27.1
9	30.8	26.9	28.8	33.1	29.8	31.2	35.5	29.1	31.8	29.1	25.6	27.0
10	31.2	26.7	28.8	35.0	29.9	31.9	32.6	28.0	30.7	30.7	27.5	28.9
11	31.9	27.3	29.4	35.5	30.0	32.3	34.3	27.0	29.9	31.3	28.5	29.8
12	32.9	27.7	30.0	35.5	30.2	32.3	33.7	29.6	31.3	32.0	28.8	30.2
13	32.8	28.1	30.2	36.0	29.1	32.0	32.9	29.3	30.9	30.8	28.7	29.7
14	31.7	27.6	29.6	35.2	29.2	31.6	32.9	29.2	30.7	30.9	28.6	29.6
15	32.3	27.9	29.9	36.2	28.5	32.0	31.6	29.5	30.4	32.6	27.6	29.9
16	29.9	26.1	27.9	35.2	29.6	32.0	35.2	28.4	31.2	30.9	24.9	27.3
17	30.2	25.6	27.7	32.4	29.5	30.9	35.8	29.2	32.2	26.8	21.6	24.4
18	30.7	27.9	29.3	32.8	28.9	30.6	36.3	30.6	33.1	28.8	23.5	25.8
19	31.5	28.1	29.8	32.8	28.2	30.0	35.2	30.1	32.7	29.0	25.4	27.1
20	32.6	28.3	30.5	36.5	28.2	31.5	34.2	30.0	32.1	31.0	26.7	28.6
21	32.8	28.6	30.9	34.5	29.3	31.5	36.3	29.0	31.9	30.3	28.2	29.0
22	33.7	28.9	31.1	33.9	28.9	31.1	31.8	28.3	30.1	30.2	27.4	28.5
23	35.0	29.0	31.7	30.2	27.1	28.7	29.8	27.2	28.5	31.6	28.1	29.6
24	33.0	29.2	30.8	32.0	26.2	28.9	30.3	27.5	28.7	32.6	28.5	30.2
25	32.5	28.2	30.2	33.8	27.2	30.1	34.5	28.0	30.7	30.8	24.1	28.9
26	31.7	27.6	29.8	34.6	28.2	30.9	35.5	29.8	32.1	24.1	18.6	20.4
27	30.4	28.0	29.2	32.7	28.9	30.6	35.7	30.1	32.4	24.9	16.8	20.1
28	31.3	28.2	29.4	34.5	28.6	31.2	36.0	30.5	32.7	25.8	20.1	23.0
29	31.6	28.1	29.6	34.4	29.3	31.5	34.3	29.8	31.9	26.0	21.2	23.7
30	30.9	28.1	29.2	31.2	28.9	29.7	34.1	28.3	31.1	27.0	21.5	24.3
31	---	---	---	29.6	27.9	28.6	33.7	29.8	31.3	---	---	---
MONTH	35.0	24.0	29.3	36.5	26.2	30.8	36.3	26.6	30.9	35.2	16.8	27.9

07380401 BAYOU LAFOURCHE SW OF DONALDSONVILLE, LA

LOCATION.--Lat 30°05'47", long 91°00'21", in sec. 35, T. 11 S., R. 2 E., Ascension Parish, Hydrologic Unit 08070204, on downstream side of bridge located 1.0 mi south of Marchand Drive (Hwy. 3089) and connecting Hwy. 1 and Hwy. 308.

PERIOD OF RECORD.--December 1996 to current year (elevations only).

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

REMARKS.--Pumping plant at Mississippi River level pumps total flow of Bayou Lafourche from river except for small amounts of storm drainage during heavy runoff. Satellite telemetry and rain gage at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 10.71 ft, Sept. 12, 1998; minimum, 3.79 ft, Mar. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 8.15 ft, Aug. 10; minimum elevation, 5.55 ft, Aug. 17.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.82	7.16	7.13	6.89	6.80	6.96	7.18	6.23	7.35	7.61	7.04	7.08
2	6.75	7.19	7.02	6.87	6.76	6.96	7.22	6.71	7.48	7.55	6.92	6.57
3	6.76	7.17	7.09	6.89	6.80	6.99	7.01	7.00	7.50	7.44	6.77	6.44
4	6.81	7.14	7.20	6.92	6.81	7.00	6.86	7.02	7.37	7.32	7.18	6.78
5	6.80	7.15	7.20	6.89	6.80	7.02	6.89	7.07	7.39	7.22	7.21	7.34
6	6.77	7.14	7.20	6.88	6.80	7.04	6.86	6.87	7.11	7.12	7.21	7.51
7	6.78	7.14	7.08	6.87	6.80	7.05	6.80	6.81	7.00	7.14	7.19	7.47
8	---	7.15	7.11	6.87	6.80	6.62	6.72	7.18	6.96	7.34	7.18	7.01
9	---	7.16	7.11	6.95	6.80	6.95	6.92	7.26	6.97	7.36	7.14	7.36
10	---	7.18	7.12	7.25	6.77	7.01	7.17	7.10	7.30	7.18	7.23	7.72
11	---	7.21	7.02	7.08	6.72	7.01	7.01	6.77	7.40	7.07	6.96	7.42
12	---	7.20	7.21	7.03	6.70	7.00	6.69	6.73	7.40	6.98	6.69	7.45
13	6.67	7.21	7.23	---	6.70	6.99	6.57	7.14	7.42	6.91	6.90	7.52
14	6.51	7.22	7.13	6.99	---	6.98	6.69	7.26	7.44	6.84	7.13	7.34
15	6.42	7.21	7.11	7.02	---	6.84	6.74	7.24	7.46	6.78	7.03	7.08
16	6.45	7.16	7.11	7.01	---	6.68	6.82	7.16	7.47	6.97	6.25	6.90
17	6.56	7.11	7.00	7.00	---	6.90	6.85	7.12	7.29	7.21	6.22	6.77
18	6.57	7.09	7.45	6.99	---	6.94	6.88	7.11	7.15	7.27	7.07	6.65
19	6.57	7.17	7.21	6.81	---	6.81	6.98	7.10	---	7.29	7.01	6.65
20	6.56	7.17	7.21	6.88	---	6.54	6.64	7.09	---	7.27	7.26	7.06
21	6.89	7.18	7.29	6.91	---	6.34	6.53	7.06	---	7.25	7.38	7.17
22	7.32	7.20	7.07	6.94	---	6.88	6.53	7.05	---	7.24	7.24	7.16
23	7.22	7.21	6.98	6.96	---	6.95	6.70	7.02	6.74	7.26	6.70	6.81
24	7.18	7.13	6.87	6.96	---	6.98	6.67	6.96	6.69	7.17	6.99	6.87
25	7.16	7.19	6.81	6.94	6.80	7.00	6.95	6.83	6.90	7.25	7.32	6.70
26	7.06	7.08	6.78	6.92	6.87	7.03	6.83	6.85	7.28	7.22	6.69	6.62
27	6.85	7.19	6.75	6.75	6.89	7.08	7.16	7.02	7.57	7.17	6.48	6.81
28	6.93	7.12	6.74	6.88	6.91	7.13	7.13	7.08	7.58	7.13	6.34	7.17
29	7.34	7.15	6.96	6.88	6.94	7.11	7.13	7.12	7.53	7.09	6.23	7.23
30	7.27	7.19	7.19	6.83	---	7.10	7.00	7.14	7.56	7.08	6.66	7.19
31	7.11	---	6.95	6.50	---	7.13	---	7.22	---	7.07	7.16	---
MAX	---	7.22	7.45	---	---	7.13	7.22	7.26	---	7.61	7.38	7.72
MIN	---	7.08	6.74	---	---	6.34	6.53	6.23	---	6.78	6.22	6.44

MISSISSIPPI RIVER DELTA

07381000 BAYOU LAFOURCHE AT THIBODAUX, LA

LOCATION.--Lat 29°47'52", long 90°49'21", in sec. 117, T. 15 S., R. 16 E., Lafourche Parish, Hydrologic Unit 08090301, on downstream side of left pier of drawspan of bridge on State Highway 20 at Thibodaux, and 2.7 mi upstream from Laurel Valley Canal.

PERIOD OF RECORD.--October 1984 to current year. April 1966 to September 1984 (elevations only). Unpublished records, May 1954 to July 1957, available in files of the Louisiana District Office, Baton Rouge, La.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to October 1997 datum of gage is 1.22 ft below sea level.

REMARKS.--No discharge published this year. 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. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.76 ft, May 9, 1991; minimum, 0.82 ft, Dec. 2, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.91 ft, Oct. 10; minimum gage height, 3.45 ft, Sept. 28.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.29	4.02	3.95	3.77	3.69	3.98	4.48	3.98	3.79	4.29	4.13	4.09
2	4.26	3.96	3.90	3.75	3.73	3.99	4.52	3.87	3.86	4.19	4.12	4.15
3	4.24	3.88	3.83	3.76	3.73	4.00	4.72	3.90	3.92	4.05	4.06	4.11
4	4.29	3.92	3.85	4.04	3.73	4.01	4.85	3.96	3.95	3.97	4.12	4.05
5	4.30	4.02	3.89	3.95	3.73	4.02	4.65	4.00	3.95	3.92	4.12	4.05
6	4.30	4.01	3.88	3.80	3.72	4.02	4.51	4.02	3.96	3.88	4.13	4.12
7	4.33	4.02	3.83	3.79	3.73	4.03	4.43	3.98	3.89	3.86	4.15	4.65
8	4.25	4.00	3.80	3.79	3.76	4.04	4.36	3.98	3.83	3.86	4.13	4.90
9	5.51	3.99	3.79	3.82	3.78	3.98	4.28	4.02	3.80	3.95	4.13	5.04
10	5.56	3.99	3.78	4.01	3.80	4.01	4.27	4.06	3.80	4.02	4.19	5.73
11	4.91	4.00	3.78	4.00	3.79	4.07	4.31	4.04	3.88	3.97	4.28	5.35
12	4.31	4.00	3.82	3.92	3.79	4.09	4.24	3.98	3.94	3.88	4.21	4.98
13	3.94	4.00	3.91	3.88	3.78	4.10	4.15	3.97	3.99	3.96	4.15	5.05
14	3.90	4.00	3.86	3.84	3.80	4.11	4.06	4.01	4.01	4.20	4.11	4.82
15	4.03	3.95	3.83	3.82	3.82	4.26	4.03	4.05	4.06	4.19	4.21	4.65
16	4.00	3.76	3.80	3.84	3.84	4.33	4.02	4.05	4.22	4.18	4.16	4.42
17	4.01	3.74	3.79	3.85	3.84	4.14	4.03	4.02	4.16	4.11	4.00	4.27
18	4.06	3.73	3.91	3.86	3.84	4.55	4.01	3.99	4.08	3.95	4.01	4.20
19	4.10	3.77	3.98	3.74	3.86	5.37	4.02	4.01	4.02	3.96	4.09	3.92
20	4.11	3.79	4.02	3.70	3.85	4.91	4.03	4.00	3.97	3.97	4.14	3.75
21	3.91	3.79	4.44	3.71	3.84	4.54	3.99	4.00	3.91	3.99	4.20	3.83
22	3.75	3.78	4.19	3.73	3.85	4.41	3.93	3.99	3.86	3.99	4.30	3.92
23	3.81	3.79	3.98	3.82	3.89	4.38	3.92	3.97	3.82	4.03	4.35	3.99
24	3.81	3.83	3.87	3.85	3.92	4.33	3.95	3.96	3.74	4.06	4.25	3.88
25	3.83	3.89	3.79	3.81	3.93	4.33	3.97	3.94	3.69	4.09	4.25	3.80
26	3.92	3.88	3.73	3.79	3.94	4.33	3.98	3.91	3.87	4.06	4.34	3.66
27	3.96	3.86	3.70	3.77	4.00	4.37	3.99	3.91	4.35	4.09	4.26	3.58
28	3.96	3.87	3.69	3.77	3.98	4.40	4.04	3.95	4.12	4.11	4.13	3.49
29	3.88	3.87	3.66	3.78	3.97	4.43	4.05	3.98	4.03	4.12	4.05	3.56
30	3.96	3.87	3.73	3.77	---	4.47	4.05	3.88	4.02	4.12	4.01	3.62
31	4.03	---	3.78	3.72	---	4.48	---	3.76	---	4.14	4.03	---
MAX	5.56	4.02	4.44	4.04	4.00	5.37	4.85	4.06	4.35	4.29	4.35	5.73
MIN	3.75	3.73	3.66	3.70	3.69	3.98	3.92	3.76	3.69	3.86	4.00	3.49

07381314 GRAND BAYOU TRIBUTARY WEST OF GALLIANO, LA

LOCATION.--Lat 29°27'20", long 90°25'20", in T. 19 S, R. 20 E., Terrebonne Parish, Hydrologic Unit 08090302, on a three-pile platform 8.0 mi. west of Galliano.

DRAINAGE AREA.--Indeterminate.

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

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

GAGE.--Water-stage recorder. Datum of gage is sea level (levels determined by Global Positioning System). Prior to Oct. 1, 1995, datum of gage was 11.27 ft below sea level.

REMARKS.--Stage affected by wind and tide. Satellite telemetry and rain gage at station. Water quality discontinued September 1999.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 3.05 ft, revised, Mar. 8, 1995; minimum recorded, -0.85 ft, Jan. 9, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.47 ft, Oct. 8; minimum elevation, -0.40 ft, Jan. 27.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.33	.96	1.20	1.47	1.20	1.37	.64	.26	.50	.64	.38	.52
2	1.49	1.17	1.36	1.20	.62	.95	1.08	.64	.84	.76	.54	.63
3	1.63	1.31	1.49	.67	.55	.61	1.58	1.08	1.33	1.03	.73	.83
4	1.70	1.42	1.57	.74	.52	.62	1.78	1.58	1.68	1.10	.48	.84
5	1.49	1.16	1.36	.63	.45	.55	1.85	1.42	1.66	.48	.04	.21
6	1.40	1.14	1.27	.72	.50	.61	1.42	.95	1.13	.34	.08	.22
7	1.83	1.23	1.50	.77	.52	.64	1.13	.83	.97	.42	.08	.25
8	2.47	1.81	2.16	.88	.64	.74	1.06	.82	.94	.49	.23	.34
9	2.45	2.08	2.23	1.01	.82	.92	1.05	.91	.98	.74	.49	.63
10	---	---	---	1.15	.97	1.08	1.13	.80	.98	.94	.73	.83
11	---	---	---	1.30	1.08	1.19	.96	.75	.87	.89	.64	.76
12	---	---	---	1.21	.86	1.04	1.26	.85	1.10	.76	.61	.69
13	---	---	---	1.09	.91	1.00	1.39	1.02	1.24	.76	.51	.67
14	---	---	---	1.19	.91	1.05	1.02	.75	.88	.51	-.12	.09
15	---	---	---	1.03	.73	.90	.93	.44	.73	.67	.04	.33
16	---	---	---	.83	.61	.73	.44	.13	.25	.70	.40	.51
17	---	---	---	.90	.72	.81	.54	.34	.42	.70	.35	.48
18	---	---	---	.99	.82	.92	.71	.54	.65	.79	.49	.65
19	1.08	.78	.97	1.03	.89	.96	.77	.49	.60	.84	.53	.70
20	.85	.25	.54	1.15	1.00	1.06	.82	.39	.63	.87	.50	.69
21	.63	.25	.51	1.27	.96	1.09	.46	.11	.26	.50	.15	.31
22	1.01	.54	.79	1.35	1.17	1.27	.34	.01	.18	.95	.34	.64
23	1.05	.76	.90	1.43	1.21	1.33	.42	.08	.26	1.03	.81	.93
24	.76	.42	.56	1.44	1.13	1.28	.42	.08	.26	.90	.35	.63
25	.73	.52	.63	1.30	.88	1.12	.30	-.10	.10	.35	.01	.14
26	.87	.60	.74	.96	.61	.78	.28	-.04	.13	.11	-.28	-.11
27	.95	.67	.80	.92	.70	.81	.26	.01	.15	.04	-.40	-.21
28	.99	.71	.85	.96	.69	.84	.28	-.02	.13	.58	.04	.38
29	1.05	.78	.93	.86	.51	.71	.37	.14	.24	.42	.12	.24
30	1.37	.89	1.14	.51	.09	.26	.44	.25	.34	.24	-.15	.00
31	1.67	1.34	1.52	---	---	---	.61	.28	.43	.11	-.25	-.08
MONTH	---	---	---	1.47	.09	.91	1.85	-.10	.67	1.10	-.40	.44

MISSISSIPPI RIVER DELTA

07381314 GRAND BAYOU TRIBUTARY WEST OF GALLIANO, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.21	-.08	.04	1.02	.83	.93	1.34	1.03	1.14	1.36	1.16	1.29
2	.25	-.04	.12	1.00	.73	.86	1.42	1.30	1.36	1.41	1.30	1.37
3	.35	.11	.25	1.02	.84	.93	1.71	1.41	1.60	1.62	1.35	1.50
4	.43	.08	.26	1.08	.78	.91	1.48	.80	1.13	1.65	1.44	1.54
5	.18	-.32	-.12	.82	.54	.66	.88	.71	.79	1.70	1.40	1.55
6	.08	-.15	-.02	.75	.63	.68	1.00	.79	.90	1.70	1.48	1.59
7	.18	-.04	.08	.78	.66	.73	1.16	.89	1.02	1.65	1.46	1.55
8	.29	.14	.22	.90	.66	.80	1.12	.42	.81	1.57	1.38	1.47
9	.36	.15	.25	1.08	.88	.98	.51	.16	.33	1.53	1.36	1.45
10	.56	.21	.38	1.27	1.05	1.14	.77	.38	.56	1.53	1.33	1.42
11	.64	.46	.55	1.23	.92	1.11	.98	.60	.76	1.49	1.31	1.39
12	.73	.46	.57	.92	.58	.70	1.16	.87	.98	1.62	1.48	1.54
13	1.02	.59	.74	.71	.48	.60	1.17	.96	1.05	1.65	1.36	1.51
14	1.07	.88	.97	.80	.50	.63	1.00	.75	.86	1.36	.90	1.11
15	1.01	.73	.86	1.23	.73	.91	1.08	.92	.99	.90	.81	.85
16	1.01	.78	.90	1.37	1.17	1.26	1.20	1.02	1.12	1.04	.81	.95
17	1.02	.80	.92	1.39	1.08	1.22	1.07	.86	.99	1.36	.97	1.17
18	1.20	1.02	1.12	1.31	1.08	1.19	.95	.83	.89	1.73	1.35	1.57
19	1.26	.85	1.09	1.31	.95	1.15	1.12	.84	.98	1.66	1.53	1.59
20	.85	.35	.55	.96	.84	.90	1.31	1.06	1.20	1.69	1.46	1.57
21	.52	.31	.42	1.06	.86	.98	1.24	.86	1.01	1.67	1.44	1.52
22	.56	.40	.48	.86	.70	.80	.96	.67	.79	1.48	1.24	1.33
23	.78	.56	.71	.92	.64	.78	1.46	.91	1.11	1.34	1.16	1.25
24	.93	.73	.81	1.01	.78	.89	1.57	1.46	1.52	1.39	1.23	1.30
25	1.14	.88	.99	1.00	.81	.90	1.52	1.17	1.29	1.43	1.24	1.31
26	1.30	1.03	1.13	1.03	.79	.90	1.17	.96	1.06	1.63	1.35	1.45
27	1.26	.80	.98	1.10	.95	1.01	1.16	.95	1.04	1.70	1.61	1.65
28	.80	.50	.64	1.30	.97	1.09	1.20	1.07	1.14	1.61	1.26	1.42
29	.97	.67	.78	1.49	1.23	1.32	1.15	.92	1.02	1.26	.88	1.07
30	---	---	---	1.51	1.25	1.39	1.16	1.00	1.07	1.04	.88	.95
31	---	---	---	1.25	.94	1.06	---	---	---	1.14	.91	1.02
MONTH	1.30	-.32	.57	1.51	.48	.95	1.71	.16	1.02	1.73	.81	1.36
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.29	1.01	1.15	1.36	1.03	1.19	1.28	1.09	1.17	1.25	1.04	1.16
2	1.48	1.10	1.24	1.34	1.09	1.21	1.19	.99	1.10	1.25	1.06	1.17
3	1.33	1.10	1.22	1.38	1.11	1.24	1.15	1.05	1.10	1.24	1.01	1.13
4	1.28	1.05	1.16	1.38	1.15	1.27	1.11	.91	.98	1.19	1.01	1.11
5	1.24	.86	1.07	1.35	1.17	1.26	.96	.68	.79	1.25	1.03	1.18
6	1.04	.55	.81	1.32	1.14	1.20	.88	.74	.81	1.22	.84	1.11
7	1.00	.81	.91	1.19	.93	1.01	.99	.79	.91	1.14	.72	.94
8	.95	.71	.85	1.05	.84	.94	1.09	.87	1.00	1.72	1.11	1.49
9	1.26	.77	.99	1.05	.84	.96	1.08	.88	1.00	1.90	1.59	1.75
10	1.40	1.26	1.34	1.14	.92	1.04	1.03	.84	.96	1.80	1.65	1.73
11	1.29	1.13	1.22	1.03	.84	.96	.99	.80	.90	1.71	1.51	1.62
12	1.20	1.05	1.14	.97	.78	.88	1.01	.82	.93	1.78	1.54	1.66
13	1.21	1.00	1.12	.85	.68	.78	1.11	.87	.99	1.71	1.47	1.60
14	1.26	.87	1.10	.79	.61	.70	1.22	.94	1.08	1.49	1.38	1.43
15	1.31	.89	1.17	.78	.55	.66	1.20	1.05	1.12	1.41	1.18	1.28
16	1.69	1.22	1.44	.86	.60	.74	1.09	.83	.92	1.34	1.01	1.17
17	1.74	1.52	1.63	.92	.70	.82	.97	.70	.83	1.23	1.09	1.16
18	1.64	1.44	1.53	.91	.72	.82	.95	.80	.87	1.47	1.21	1.38
19	1.62	1.37	1.50	.85	.69	.76	.92	.66	.77	1.72	1.44	1.60
20	1.57	1.37	1.46	.76	.57	.66	.86	.62	.77	1.64	1.35	1.53
21	1.46	1.28	1.35	.84	.62	.70	.80	.66	.73	1.63	1.34	1.50
22	1.36	1.06	1.17	.94	.73	.80	.98	.72	.88	1.79	1.42	1.63
23	1.06	.83	.92	.92	.75	.86	1.08	.79	.97	1.92	1.61	1.78
24	1.25	.83	.96	.75	.57	.67	1.11	.87	1.00	1.76	1.53	1.67
25	1.09	.93	.98	.82	.60	.72	1.16	.91	1.05	1.54	1.26	1.45
26	1.09	.93	1.02	1.01	.71	.89	1.25	.98	1.12	1.26	.73	.96
27	1.14	.94	1.04	1.05	.83	.93	1.29	1.05	1.17	.73	.56	.66
28	1.23	.96	1.13	1.05	.84	.94	1.26	1.07	1.18	.74	.52	.64
29	1.24	1.07	1.16	1.14	.87	1.00	1.15	.99	1.07	.85	.68	.77
30	1.28	1.02	1.14	1.26	.98	1.14	.99	.70	.83	1.01	.85	.94
31	---	---	---	1.33	1.05	1.19	1.34	.87	1.09	---	---	---
MONTH	1.74	.55	1.16	1.38	.55	.93	1.34	.62	.97	1.92	.52	1.31

07381324 BAYOU GRAND CAILLOU AT DULAC, LA

LOCATION.--Lat 29°22'58", long 90°42'55", in sec. 86, T. 19 S, R. 17 E., St. Helena Meridian, Terrebonne Parish Hydrologic Unit 08090302, on downstream side of Bouquet Bridge, 0.1 mi west of intersection of parish road and Highway 57, 0.8 mi south of Dulac, 16.4 mi south of Houma.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1984 to September 30, 1988 (daily discharges below 6.0 ft stage only, discontinued); January 1989 to September 1998, October 1999 to September 2000.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is sea level. Prior to July 9, 1996 datum of gage was 4.00 ft above sea level. Prior to Oct. 1, 1985, datum of gage was 6.00 ft above sea level.

REMARKS.--No estimated daily discharge. Records fair. Site affected by tide and wind. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 2,640 ft³/s, Oct. 13, 1984; maximum gage height, 8.89 ft, Oct. 28, 1985; maximum negative discharge, -1,960 ft³/s, Sept. 11, 1998; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 681 ft³/s, Jan. 28; maximum gage height, 1.50 ft, Sept. 9; maximum negative discharge, -532 ft³/s, Dec. 4.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	101	36	132	158	135	-101	79	-50	64	45	93
2	---	178	-78	28	200	47	38	60	51	61	.83	65
3	---	30	-170	13	128	-5.9	27	-30	63	17	45	30
4	---	68	-222	341	123	124	383	.16	47	19	96	-30
5	---	56	143	149	68	111	59	-24	83	47	167	-1.7
6	---	64	101	56	33	-8.7	24	-10	89	79	4.5	48
7	---	163	71	138	49	-15	-2.1	46	87	113	8.7	-15
8	---	43	76	35	50	-17	253	40	8.5	71	92	-91
9	---	31	40	129	83	75	120	30	-11	54	49	-36
10	---	-43	158	138	11	-14	87	80	25	29	62	87
11	---	-34	11	51	83	161	49	-34	78	63	34	31
12	---	122	-20	15	56	172	68	-76	94	61	9.0	1.9
13	---	39	243	90	7.4	70	140	177	52	61	-13	136
14	---	80	72	245	121	27	86	219	29	66	21	103
15	---	82	74	61	-5.1	-13	24	---	71	16	56	78
16	---	17	11	40	76	-45	103	---	63	24	109	63
17	---	39	-4.4	13	-4.7	36	116	---	83	44	26	-9.9
18	---	5.1	144	111	14	95	50	---	86	46	1.7	-92
19	---	39	65	52	186	314	32	---	41	47	47	-45
20	---	57	235	135	208	212	83	-8.5	59	13	-8.3	31
21	---	-79	225	103	71	63	217	127	82	-13	17	73
22	---	-78	115	-4.3	-8.0	144	62	104	125	-1.6	80	92
23	---	-56	115	127	15	-29	-62	66	110	106	100	56
24	---	25	133	270	-58	-34	101	17	67	30	73	149
25	---	158	108	191	-86	-15	140	-73	56	29	58	180
26	---	66	89	126	-19	20	74	-71	97	27	54	270
27	---	43	7.6	81	229	34	61	31	67	47	62	184
28	---	109	15	253	89	-43	76	208	63	56	69	97
29	9.5	82	-76	151	13	-16	-1.5	169	83	60	69	58
30	-68	71	75	178	---	53	3.8	-31	67	49	76	-31
31	3.5	---	63	107	---	80	---	-61	---	39	-67	---
TOTAL	---	1478.1	1855.2	3554.7	1890.6	1717.4	2310.2	---	1865.5	1423.4	1443.43	1574.3
MEAN	---	49.3	59.8	115	65.2	55.4	77.0	---	62.2	45.9	46.6	52.5

MISSISSIPPI RIVER DELTA

07381324 BAYOU GRAND CAILLOU AT DULAC, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	.73	.11	-.13	-.37	.27	.73	.79	.76	.48	.52	.47
2	---	.14	.34	-.04	-.36	.12	.75	.77	.71	.54	.51	.42
3	---	.08	.76	.20	-.31	.23	.90	.94	.62	.64	.51	.35
4	---	.14	.99	-.13	-.46	.06	.08	.94	.56	.72	.38	.45
5	---	.09	.83	-.60	-.71	-.04	.12	.96	.54	.73	.21	.59
6	---	.19	.22	-.31	-.58	.13	.23	.99	.41	.60	.28	.57
7	---	.14	.33	-.29	-.52	.23	.40	.89	.33	.40	.43	.65
8	---	.27	.36	-.12	-.37	.34	.01	.81	.41	.33	.49	1.04
9	---	.43	.40	.08	-.44	.39	-.14	.77	.54	.39	.47	1.30
10	---	.60	.25	.09	-.21	.48	.18	.71	.79	.48	.42	1.16
11	---	.64	.28	.00	-.11	.33	.27	.72	.68	.36	.38	1.02
12	---	.44	.61	.00	-.06	-.04	.44	.87	.57	.29	.38	1.08
13	---	.51	.31	.01	.16	.05	.36	.76	.55	.20	.47	.93
14	---	.49	.06	-.42	.23	.23	.16	.40	.64	.14	.61	.84
15	---	.26	-.07	.04	.15	.58	.36	.35	.61	.15	.54	.72
16	---	.26	-.34	-.03	.24	.74	.44	.40	.85	.22	.31	.73
17	---	.34	-.04	-.04	.24	.50	.26	---	.96	.22	.24	.76
18	---	.44	.12	.01	.45	.55	.23	---	.88	.21	.25	.91
19	---	.39	.03	-.03	.28	.47	.40	---	.84	.14	.11	1.01
20	---	.46	.08	-.08	-.16	.27	.51	.90	.77	.12	.13	.85
21	---	.48	-.07	-.22	-.11	.54	.18	.76	.65	.13	.16	.94
22	---	.66	-.23	.26	.03	.32	.23	.59	.42	.21	.33	1.06
23	---	.71	-.20	.17	.18	.31	.69	.53	.24	.25	.50	1.10
24	---	.61	-.37	-.18	.25	.40	.76	.56	.22	.14	.50	.94
25	---	.44	-.47	-.47	.53	.34	.46	.66	.26	.22	.54	.71
26	---	.14	-.48	-.69	.57	.27	.39	.85	.34	.35	.55	.25
27	---	.21	-.55	-.45	.27	.30	.32	.97	.41	.38	.58	.20
28	---	.22	-.60	-.06	.12	.47	.31	.62	.48	.42	.55	.22
29	.47	.06	-.43	-.46	.29	.69	.30	.34	.46	.48	.42	.39
30	.69	-.16	-.31	-.63	---	.63	.54	.41	.46	.54	.18	.52
31	.88	---	-.18	-.53	---	.37	---	.57	---	.56	.57	---
MAX	---	.73	.99	.26	.57	.74	.90	---	.96	.73	.61	1.30
MIN	---	-.16	-.60	-.69	-.71	-.04	-.14	---	.22	.12	.11	.20

LOCATION.--Lat 29°31'10", long 90°48'16", sec. 11, T. 18 S., R. 17 E., Terrebonne Parish, Hydrologic Unit 08090302, on a three-pile structure 8.0 mi north of Falgout Canal Boat Landing and 2.0 mi. south of Crozier.

WATER-STAGE RECORDS

REMARKS.--Gage height affected by wind and tide. Satellite telemetry at station. No data published for outside gage this year.

EXTREMES FOR PERIOD OF RECORD.--Maximum outside gage height recorded, 2.73 ft, Apr. 5, 1997; minimum outside recorded, -0.53 ft, Jan. 8, 1996; maximum inside gage height recorded, 3.24 ft, Sept. 12, 1998; minimum inside recorded, -0.53 ft, Jan. 8, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum inside gage height recorded, 2.16 ft, Oct. 10; minimum gage height recorded, -0.20 ft, Feb. 5.

[illegible]

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA--Continued

INSIDE GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.28	.13	.22	1.00	.93	.97	1.24	1.15	1.19	1.26	1.13	1.20
2	.32	.12	.24	1.01	.76	.89	1.33	1.24	1.30	1.34	1.26	1.30
3	.34	.14	.28	1.05	.92	.99	1.45	1.33	1.40	1.40	1.34	1.37
4	.37	.10	.24	1.05	.80	.92	1.44	1.00	1.24	1.45	1.40	1.42
5	.22	-.20	.00	.90	.64	.76	1.14	.95	1.06	1.47	1.43	1.45
6	.14	-.04	.05	.82	.74	.79	1.12	.99	1.07	1.50	1.47	1.48
7	.22	.02	.13	.84	.79	.83	1.12	1.01	1.07	1.51	1.50	1.50
8	.26	.13	.20	.94	.84	.89	1.12	.69	.99	1.51	1.46	1.50
9	.29	.19	.25	1.12	.94	1.02	.81	.51	.66	1.51	1.48	1.50
10	.39	.25	.31	1.24	1.07	1.17	.84	.68	.77	1.51	1.48	1.50
11	.52	.39	.47	1.24	.89	1.12	.87	.80	.84	1.50	1.47	1.49
12	.58	.50	.54	1.00	.60	.82	.99	.87	.94	1.53	1.49	1.51
13	.71	.57	.64	.94	.64	.75	1.05	.99	1.04	1.55	1.51	1.54
14	.82	.71	.79	.84	.75	.79	1.05	.88	.96	1.53	1.31	1.40
15	.82	.68	.75	1.20	.80	.99	1.03	.97	1.01	1.31	1.14	1.25
16	.86	.78	.83	1.30	1.20	1.27	1.11	1.03	1.08	1.22	1.13	1.18
17	.91	.82	.87	1.32	1.19	1.25	1.10	1.01	1.08	1.26	1.11	1.20
18	1.04	.91	.98	1.57	1.22	1.32	1.04	.98	1.00	1.39	1.26	1.33
19	1.06	.90	1.00	1.60	1.46	1.55	1.05	.97	1.01	1.45	1.39	1.42
20	.94	.42	.64	1.46	1.31	1.38	1.19	1.05	1.12	1.65	1.44	1.49
21	.70	.53	.61	1.36	1.24	1.33	1.19	1.00	1.12	1.59	1.53	1.57
22	.68	.59	.66	1.24	1.08	1.19	1.02	.85	.94	1.55	1.44	1.49
23	.74	.66	.71	1.09	.99	1.05	1.15	1.02	1.07	1.44	1.33	1.40
24	.77	.74	.75	1.09	1.01	1.06	1.29	1.15	1.24	1.42	1.34	1.39
25	---	---	---	1.09	1.02	1.06	1.29	1.19	1.24	1.40	1.33	1.38
26	---	---	---	1.09	.99	1.05	1.25	1.13	1.18	1.45	1.40	1.42
27	---	---	---	1.13	1.06	1.10	1.22	1.09	1.17	1.53	1.45	1.49
28	.99	.72	.84	1.13	.97	1.09	1.21	1.15	1.18	1.53	1.39	1.49
29	.94	.89	.91	1.25	1.13	1.19	1.17	1.00	1.07	1.39	1.15	1.29
30	---	---	---	1.31	1.25	1.29	1.13	1.09	1.11	1.21	1.10	1.17
31	---	---	---	1.28	1.10	1.15	---	---	---	1.18	1.10	1.15
MONTH	---	---	---	1.60	.60	1.07	1.45	.51	1.07	1.65	1.10	1.40
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.23	1.16	1.18	1.30	1.15	1.24	1.23	1.12	1.19	1.18	1.12	1.15
2	1.35	1.23	1.27	1.35	1.15	1.28	1.23	1.12	1.19	1.18	1.05	1.14
3	1.49	1.24	1.33	1.35	1.27	1.32	1.26	1.19	1.23	1.16	.96	1.07
4	1.42	1.29	1.38	1.37	1.33	1.35	1.23	1.11	1.17	1.11	1.02	1.07
5	1.44	1.27	1.38	1.39	1.36	1.37	1.14	.96	1.05	1.13	1.06	1.10
6	1.36	1.19	1.27	1.41	1.36	1.38	1.06	.91	1.01	1.13	.92	1.09
7	1.23	1.03	1.09	1.38	1.25	1.28	1.05	.99	1.03	1.12	.94	1.04
8	1.13	.99	1.05	1.25	1.11	1.18	1.10	1.04	1.07	1.47	1.12	1.30
9	1.11	1.08	1.09	1.17	1.09	1.13	1.10	.99	1.07	1.74	1.47	1.56
10	1.21	1.11	1.17	1.19	1.10	1.15	1.21	1.00	1.10	1.79	1.74	1.77
11	1.27	1.21	1.25	1.18	1.04	1.15	1.18	1.00	1.12	---	---	---
12	1.29	1.21	1.27	1.12	.94	1.08	1.14	.98	1.09	---	---	---
13	1.29	1.20	1.26	1.07	.84	.99	---	---	---	---	---	---
14	1.30	1.19	1.26	1.00	.77	.91	---	---	---	---	---	---
15	1.33	1.27	1.30	.90	.71	.82	---	---	---	---	---	---
16	1.53	1.29	1.40	.90	.72	.83	1.16	.99	1.12	---	---	---
17	1.56	1.52	1.54	.92	.76	.86	1.04	.90	.98	---	---	---
18	1.57	1.53	1.56	.92	.80	.87	.99	.88	.95	---	---	---
19	1.58	1.52	1.55	.90	.76	.84	.96	.82	.87	---	---	---
20	1.57	1.52	1.54	.86	.66	.77	.88	.77	.84	---	---	---
21	1.54	1.47	1.50	.84	.70	.78	.90	.77	.85	---	---	---
22	1.47	1.27	1.38	.90	.76	.84	.95	.82	.88	---	---	---
23	1.27	1.09	1.17	.97	.88	.92	1.12	.90	.99	1.76	1.67	1.74
24	1.15	1.03	1.09	.90	.74	.86	1.19	1.02	1.11	1.75	1.63	1.72
25	1.10	.99	1.06	.89	.80	.85	1.16	1.02	1.12	1.71	1.45	1.63
26	1.21	1.08	1.14	.94	.85	.90	1.17	1.02	1.13	1.45	1.20	1.34
27	1.21	1.11	1.17	1.02	.85	.96	1.18	1.06	1.14	1.20	1.07	1.12
28	1.27	1.12	1.21	1.05	.89	1.00	1.19	1.06	1.15	1.08	.94	1.02
29	1.29	1.17	1.25	1.12	.95	1.05	1.16	1.00	1.12	1.12	1.02	1.07
30	1.27	1.15	1.22	1.18	1.02	1.12	1.00	.90	.95	1.15	1.07	1.11
31	---	---	---	1.22	1.07	1.17	1.13	.99	1.06	---	---	---
MONTH	1.58	.99	1.28	1.41	.66	1.04	---	---	---	---	---	---

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1993 to September 2000 (discontinued).

WATER TEMPERATURES: October 1993 to September 2000 (discontinued).

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

EXTREMES FOR PERIOD OF DAILY RECORD. --

SPECIFIC CONDUCTANCE: Maximum outside, 42,500 microsiemens, Nov. 18, 1996; minimum outside, less than 200 microsiemens on several days during the water years, 1994, 1995, 1999; maximum inside, 35,000 microsiemens, Sept. 28, 1999; minimum inside, less than 200 microsiemens, Mar. 28, 1997.

WATER TEMPERATURES: Maximum outside, 34.5°C, Aug. 14, 1999; minimum outside, 1.8°C, Feb. 4, 1996; maximum inside, 35.0°C, Aug. 14, 1999; minimum inside, 1.7°C, Feb. 4, 1996.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum outside, 40,900 microsiemens, Oct. 9; minimum outside, 385 microsiemens Apr. 20; maximum inside 38,000 microsiemens, Oct. 8, 9; minimum inside, 463 microsiemens, Apr. 10.

WATER TEMPERATURES: Maximum outside recorded, 34.1°C, July 15; minimum outside recorded, 8.5°C, Dec. 23; maximum inside recorded, 33.5°C, Sept. 3; minimum inside recorded, 7.9°C, Dec. 23.

INSIDE SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

[illegible]

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA--Continued

INSIDE SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9350	7780	8720	15300	9280	14000	2710	1500	2160	7060	6240	6680
2	9220	8240	8800	19200	15200	17200	1500	1200	1290	6760	4460	5450
3	8800	7930	8490	19600	15100	18400	1870	1120	1400	5080	1200	2680
4	9340	8400	8910	22600	18000	20500	7300	1240	4130	1640	1210	1350
5	9360	2560	7970	23000	18700	21800	7860	5460	6660	1960	1370	1690
6	7270	1630	3630	21700	16500	20000	8970	5070	7510	2310	1700	1970
7	5650	1540	3250	18900	13600	16800	8990	3570	6750	1880	1250	1630
8	4800	2380	3790	19300	12500	15900	8720	6520	7770	1720	994	1350
9	6270	2910	4620	18600	642	13100	10000	547	4840	4510	980	2120
10	6210	5020	5680	699	549	594	5330	463	1710	5790	1260	2830
11	6980	5110	6180	2230	524	809	4030	504	2260	6930	2010	3770
12	7700	6680	7180	6380	509	2880	3710	2160	2820	3400	726	1680
13	13800	7700	9160	5820	548	4270	5610	2470	4010	7020	1460	3510
14	17700	11800	14700	7520	5820	6930	9340	2910	5990	9680	3540	7240
15	13000	10000	11500	7790	4750	6580	7030	6410	6590	10300	8410	9550
16	11500	10000	11100	5870	4640	5070	6410	5260	5760	11100	8690	10300
17	11300	9850	10500	6450	3440	4950	7530	3180	5440	11900	8710	10200
18	12900	10100	11300	5820	3660	4560	8280	729	4000	19200	7770	10900
19	13800	9600	11700	5130	2360	2910	5960	2210	4270	19700	5730	12000
20	11700	10100	10900	2370	2130	2210	5720	3920	4550	6510	3540	5100
21	12000	11300	11700	2280	1860	2100	7050	5020	6160	6280	3290	4580
22	12100	11600	11800	2280	2070	2140	7620	2410	5430	11700	5270	9760
23	12500	11700	12100	2120	858	1460	5660	1430	3510	11300	8180	10100
24	12700	12100	12500	3100	1060	2590	6750	2340	4770	10700	8470	9900
25	---	---	---	3480	1310	2290	4100	2190	3070	11700	6430	9720
26	---	---	---	2890	1850	2420	6300	2280	4780	11600	8400	9920
27	---	---	---	2930	2110	2600	9200	5010	7370	8400	2370	5190
28	17100	8910	14400	3820	722	2030	10700	7620	9430	10200	1980	5740
29	14800	13800	14400	2060	1030	1480	10800	7830	9680	12600	10200	12000
30	---	---	---	1290	958	1170	9500	7040	8190	13100	8610	12100
31	---	---	---	3960	1230	2810	---	---	---	13100	10800	11800
MONTH	---	---	---	23000	509	7180	10800	463	5080	19700	726	6540
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	12500	4280	9720	7880	4060	7140	2330	539	1170	6920	2260	3670
2	11400	3080	9440	6510	4060	5690	3060	950	2180	10200	4710	6880
3	8390	3020	5640	7010	5490	6260	5870	3060	4680	10500	9840	10200
4	7170	4210	6330	6180	3920	5140	7570	5160	6850	9850	2190	5510
5	7230	4210	6530	5640	3230	4360	---	---	---	8940	2380	5780
6	6880	4380	6260	5870	1480	3500	9760	8400	9260	8520	6240	7490
7	6850	3940	5580	5580	2270	4230	9090	2120	4630	8710	4790	7010
8	6490	2760	4530	6820	3890	5750	5020	3630	4180	---	---	---
9	5360	3280	4360	5450	2870	4440	7300	5020	5880	31900	20700	25700
10	3440	3060	3210	4890	3600	4300	9230	7300	7970	32200	15800	25200
11	3920	3250	3410	5030	3820	4470	9570	9160	9370	---	---	---
12	4720	3920	4550	10300	4890	6760	9480	8240	8980	---	---	---
13	7130	4530	5140	11400	7490	9710	---	---	---	---	---	---
14	8500	6030	7000	12800	5520	11000	---	---	---	---	---	---
15	8780	6080	7620	13400	2790	8790	---	---	---	---	---	---
16	11300	2300	6890	13700	6270	9600	---	---	---	---	---	---
17	4380	2170	3110	14000	7030	10500	---	---	---	---	---	---
18	13000	1510	5350	14600	8920	11700	8570	6280	7760	---	---	---
19	11200	643	3860	14600	10900	12900	10400	7390	9320	---	---	---
20	10100	1580	5980	13900	1870	8320	10900	8950	10000	---	---	---
21	10300	3510	8150	12400	843	6290	10600	8500	9720	---	---	---
22	12200	8750	11500	8640	628	1980	10500	4670	7350	---	---	---
23	10700	9670	10400	5350	629	1160	9370	2910	5220	29400	6730	19300
24	10700	9140	10300	9400	1780	5570	8380	4720	6460	21400	6870	13400
25	10300	8620	9840	8370	1130	3070	7580	3750	5480	6870	4490	5370
26	10600	8340	9740	6410	1040	2350	6930	1100	3460	---	---	---
27	10400	9020	9860	5060	520	1680	6740	3780	5260	---	---	---
28	10200	8630	9410	3090	743	1270	7790	4710	6230	---	---	---
29	9000	5760	7630	2480	607	1060	8250	6250	7450	---	---	---
30	8280	6240	7540	2380	626	1070	9030	7750	8230	---	---	---
31	---	---	---	3240	778	1770	9010	1210	3850	---	---	---
MONTH	13000	643	6960	14600	520	5540	---	---	---	---	---	---

07381326 BAYOU LACARPE NEAR CROZIER, LA--Continued

OUTSIDE SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26100	20800	23300	16700	11800	13500	---	---	---	9550	1240	3770
2	30000	23200	26800	11800	7580	9900	---	---	---	6020	1050	2270
3	32300	26600	29200	7800	6980	7640	---	---	---	2790	1040	1170
4	33800	29600	32000	7810	4830	7000	---	---	---	9140	2790	6380
5	32400	23800	28700	7830	2800	6080	---	---	---	9160	1720	6900
6	29600	23300	26700	6960	2330	3630	---	---	---	9070	1260	4350
7	36400	29000	32000	6590	2120	3620	---	---	---	11100	1270	5140
8	39400	36400	38400	5160	2070	3240	---	---	---	10300	1500	3300
9	40900	35900	38400	8640	3840	6740	---	---	---	7670	1460	3070
10	35900	16700	28000	12300	6280	10300	---	---	---	10100	2290	4640
11	16700	10300	12400	15800	9160	13400	---	---	---	11200	1550	5180
12	12000	10300	11100	11000	6800	9870	---	---	---	10500	1110	4860
13	10900	9070	10200	8170	6700	7430	---	---	---	---	---	---
14	9070	7820	8590	12200	8120	9910	20800	5050	17500	---	---	---
15	7820	7240	7520	8550	7750	8160	21700	4840	15000	---	---	---
16	7570	5900	6810	8380	3850	6070	21300	4100	14300	---	---	---
17	7250	4880	6140	6110	3910	4870	13000	3330	5760	---	---	---
18	7200	6660	7060	7740	5860	6490	4910	3480	4200	---	---	---
19	7220	2680	6040	8480	7490	7820	14800	2920	9920	---	---	---
20	6760	6510	6690	9820	8330	9030	---	---	---	---	---	---
21	7520	6690	7130	---	---	---	11500	2770	8720	---	---	---
22	7240	2970	4990	---	---	---	7350	2000	5120	---	---	---
23	8150	3800	6680	---	---	---	7870	1640	4770	---	---	---
24	6930	2520	5330	---	---	---	8810	2190	5440	---	---	---
25	5330	2710	3850	---	---	---	9110	1780	5540	---	---	---
26	4850	2810	3870	14500	9560	13700	9140	1500	4960	---	---	---
27	5250	2570	3940	---	---	---	9420	1960	5810	---	---	---
28	5090	2600	3760	---	---	---	9710	2060	5350	---	---	---
29	7560	2640	5340	---	---	---	2830	1490	1890	---	---	---
30	11400	3760	8410	---	---	---	8400	1370	2590	---	---	---
31	25100	9220	18800	---	---	---	9280	1540	3420	---	---	---
MONTH	40900	2520	14800	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7860	4390	5970	13800	3300	7140	1680	666	1080	987	633	771
2	8540	5800	7340	16200	1540	8280	1510	640	1110	889	612	696
3	8900	6110	8170	15400	1360	4740	3890	1150	2380	1110	730	789
4	9790	5180	8640	19000	1500	9290	7340	1590	4300	3380	1110	1650
5	9340	1850	5960	19900	1060	9480	7500	1170	4880	3710	1090	2190
6	5980	1480	2640	12900	926	3420	8100	655	3790	3760	825	1930
7	4780	1570	2620	1430	791	1080	7780	761	2500	1780	643	1140
8	2930	1620	1880	1230	812	1030	8510	964	6040	2250	621	1120
9	4910	1810	3080	1240	540	872	9610	490	4040	3490	656	1380
10	5380	2100	2840	575	493	519	5300	465	1290	4280	653	1590
11	9150	5380	8240	2220	491	745	3710	497	1160	5540	752	2250
12	10500	7060	8350	6400	474	2560	1200	535	805	767	516	615
13	19100	9360	12200	4960	514	2180	4210	488	1620	4870	514	1590
14	23800	13100	18300	6780	1050	2290	7960	702	3660	8640	3950	7030
15	14000	9190	11500	5240	661	1060	3840	675	1280	9170	1330	6920
16	15600	10200	12700	15300	5240	9820	5710	525	1110	9440	640	4280
17	12000	10200	10900	5700	4060	5250	6730	770	2720	9990	684	2850
18	18000	10300	15200	5120	1400	3480	7320	424	2190	20200	1900	8230
19	21700	9940	15400	3000	1230	2570	5200	445	1480	19500	5220	8930
20	10800	4530	9690	2700	2430	2550	1080	385	586	6660	3110	4710
21	10600	4200	7320	2850	725	1840	5800	385	3910	5270	1960	3540
22	5000	4230	4680	3000	2460	2720	7590	456	2930	9540	873	6470
23	11500	5000	7630	2880	796	1700	3760	444	738	10100	1350	6380
24	13400	10600	11500	3340	858	1520	8700	2840	5260	9950	1080	5560
25	---	---	---	3860	700	1710	4260	1360	2510	10100	746	4730
26	---	---	---	3430	1030	2110	5630	681	2610	1320	708	906
27	---	---	---	3350	1120	2010	7520	1010	3790	2030	709	961
28	15700	5640	11000	4280	517	1680	8710	1240	4360	8800	1760	4480
29	12600	4950	7090	1520	511	761	9320	1550	5110	11500	8800	10500
30	---	---	---	1480	484	1090	3330	987	1460	11500	1050	7830
31	---	---	---	4050	1200	2450	---	---	---	9940	709	1990
MONTH	---	---	---	19900	474	3160	9610	385	2690	20200	514	3680

OUTSIDE SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

INSIDE TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

[illegible]

07381326 BAYOU LACARPE NEAR CROZIER, LA--Continued

INSIDE TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	12.4	9.7	11.5	23.7	21.4	22.5	25.4	22.5	23.6	25.8	25.0	25.2
2	14.1	10.7	12.5	25.8	21.7	23.8	25.4	23.0	23.9	25.1	24.6	24.8
3	16.3	11.9	13.8	25.6	23.2	24.5	25.0	21.5	23.8	25.9	24.6	25.1
4	16.2	12.0	14.4	24.5	20.0	23.1	23.2	17.8	20.3	27.3	24.6	25.8
5	14.8	10.8	12.6	23.6	19.7	22.0	21.8	16.5	19.0	27.6	26.1	26.8
6	14.0	9.9	11.7	22.2	20.7	21.6	21.6	18.5	19.5	28.0	26.1	26.9
7	14.0	10.5	12.2	21.6	20.5	21.1	22.6	20.0	20.7	28.2	26.1	27.1
8	14.6	13.0	13.6	21.9	20.8	21.4	23.8	17.9	22.0	28.0	25.4	26.8
9	17.9	13.7	15.5	22.4	19.4	21.4	21.3	16.1	18.8	27.6	25.6	26.8
10	18.8	15.1	16.6	20.4	19.2	19.7	20.8	18.1	19.5	28.2	25.8	27.2
11	18.5	15.8	17.0	21.2	18.7	19.8	22.0	18.7	20.1	28.2	26.6	27.7
12	20.8	17.3	19.0	19.1	14.2	17.2	23.3	21.7	22.4	28.3	26.5	27.4
13	20.0	18.4	19.0	19.4	15.1	17.3	23.1	22.2	22.6	29.6	27.0	28.0
14	23.9	19.0	20.8	19.3	17.4	18.5	22.6	20.9	21.9	30.2	26.6	28.7
15	23.5	20.4	21.8	19.2	19.0	19.0	22.5	21.4	22.0	28.6	25.2	26.7
16	25.1	19.6	22.0	22.6	18.4	20.1	22.4	21.3	21.8	27.8	26.0	26.6
17	24.4	22.2	23.3	24.5	19.4	22.3	24.0	21.1	21.9	27.2	26.4	26.8
18	24.9	21.9	23.2	23.8	21.1	21.9	25.1	22.9	24.2	27.7	27.1	27.3
19	25.7	21.7	23.5	21.1	17.8	19.5	24.3	23.5	23.9	29.4	27.2	28.1
20	22.3	17.3	19.7	21.3	14.4	18.0	24.5	23.9	24.1	29.3	28.0	28.6
21	20.5	15.2	18.5	23.4	19.1	20.8	25.6	23.4	24.5	28.6	25.4	27.1
22	18.8	17.0	17.9	26.9	20.1	23.0	25.0	21.7	23.0	29.7	26.6	28.1
23	22.5	18.5	20.2	22.9	20.2	21.8	24.1	23.1	23.6	30.4	27.3	28.7
24	24.3	20.9	22.4	25.0	21.8	23.2	25.7	23.1	23.9	30.3	27.8	28.8
25	---	---	---	24.5	21.4	22.9	25.7	21.2	23.0	30.9	28.4	29.4
26	---	---	---	25.4	21.9	23.7	24.3	21.0	22.3	30.7	30.0	30.3
27	---	---	---	25.2	22.4	23.6	24.9	22.6	23.9	30.3	29.3	29.9
28	21.9	18.0	20.2	24.4	20.9	22.9	25.9	23.8	25.0	32.1	27.4	30.2
29	22.3	18.8	20.8	24.2	22.9	23.5	26.0	22.9	24.6	32.6	29.8	31.1
30	---	---	---	26.4	23.7	24.8	25.9	25.7	25.8	30.9	28.9	29.7
31	---	---	---	25.6	21.4	23.9	---	---	---	30.4	29.7	29.9
MONTH	---	---	---	26.9	14.2	21.6	26.0	16.1	22.5	32.6	24.6	27.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	30.2	29.4	29.8	29.3	28.2	29.0	---	---	---	31.7	30.3	30.9
2	29.9	27.5	29.6	28.4	27.3	27.9	29.4	26.8	28.1	31.6	30.4	30.8
3	30.4	26.5	28.1	28.9	26.9	27.7	29.0	28.0	28.4	33.5	30.3	31.9
4	29.3	26.2	27.2	30.2	27.8	28.8	28.8	26.8	27.5	33.0	31.5	31.9
5	29.3	26.9	27.5	30.3	28.8	29.6	---	---	---	32.0	30.8	31.5
6	28.7	26.6	27.5	31.1	28.8	30.0	30.3	28.9	29.3	31.0	28.3	30.5
7	28.7	25.1	27.0	31.0	29.3	30.0	32.0	29.5	30.5	29.4	28.0	28.7
8	28.6	25.4	27.2	31.3	30.4	30.6	30.7	30.0	30.3	---	---	---
9	29.1	27.1	28.0	30.8	29.9	30.4	30.6	29.9	30.1	28.3	27.3	27.7
10	29.4	28.6	29.0	30.4	29.4	30.1	30.5	28.7	29.9	29.4	27.1	27.8
11	29.3	28.5	28.8	31.0	29.2	29.5	29.4	27.4	28.1	---	---	---
12	28.9	27.9	28.4	31.0	29.3	29.7	29.8	28.3	28.8	---	---	---
13	29.6	28.0	28.4	31.7	29.8	30.4	---	---	---	---	---	---
14	29.2	28.6	28.9	32.5	30.3	31.2	---	---	---	---	---	---
15	29.5	29.0	29.1	33.2	30.6	31.8	---	---	---	---	---	---
16	29.2	28.1	28.6	32.5	31.5	31.9	---	---	---	---	---	---
17	29.1	26.0	27.6	32.1	31.5	31.8	---	---	---	---	---	---
18	31.0	27.2	29.0	32.1	31.0	31.5	30.9	28.9	29.6	---	---	---
19	30.5	28.7	29.7	31.6	30.4	30.9	32.5	29.4	30.8	---	---	---
20	30.3	28.2	29.6	32.7	29.3	30.8	32.5	30.6	31.6	---	---	---
21	30.7	28.9	29.6	33.2	30.3	31.7	31.4	29.5	30.3	---	---	---
22	32.6	29.3	30.8	33.3	30.7	32.1	31.1	27.7	30.1	---	---	---
23	32.7	29.4	31.2	32.2	29.1	30.7	29.8	27.2	28.8	30.2	27.3	28.0
24	32.1	29.6	30.6	31.8	29.1	30.2	28.1	26.9	27.6	30.2	27.8	28.4
25	31.0	29.2	29.8	31.2	29.5	30.2	28.6	26.8	27.6	29.4	25.7	28.2
26	31.1	29.6	30.7	31.8	29.3	30.4	31.2	28.0	29.4	---	---	---
27	29.6	28.8	29.2	31.5	29.7	30.6	29.9	28.4	29.0	---	---	---
28	29.1	28.6	28.8	31.2	29.2	30.2	29.6	27.9	28.7	---	---	---
29	30.3	28.5	29.0	31.8	29.2	30.5	29.9	28.4	28.9	---	---	---
30	29.5	28.5	28.9	31.1	29.6	30.4	33.1	28.8	31.0	---	---	---
31	---	---	---	30.9	28.3	29.9	32.9	31.5	32.1	---	---	---
MONTH	32.7	25.1	28.9	33.3	26.9	30.3	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

07381326 BAYOU LACARPE NEAR CROZIER, LA--Continued

OUTSIDE TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.6	23.0	24.2	21.4	19.5	20.5	---	---	---	15.1	13.9	14.4
2	25.2	24.2	24.8	20.6	16.4	18.5	---	---	---	17.7	13.8	15.2
3	25.9	25.0	25.2	19.6	12.9	16.2	---	---	---	17.0	15.4	16.0
4	25.9	25.4	25.7	19.0	12.5	16.3	---	---	---	18.8	14.6	16.5
5	26.9	24.1	25.5	20.5	14.7	17.6	---	---	---	14.9	11.7	13.4
6	25.3	23.4	24.5	20.8	17.3	19.1	---	---	---	14.8	10.1	13.0
7	25.4	24.8	25.0	19.8	16.8	18.6	---	---	---	15.2	12.1	13.8
8	25.3	24.6	24.9	20.3	18.0	19.1	---	---	---	16.8	12.9	14.7
9	25.6	25.2	25.4	21.0	19.3	20.0	---	---	---	19.8	15.0	16.6
10	25.5	24.7	25.0	22.5	19.7	20.6	---	---	---	20.7	15.9	17.2
11	25.7	24.2	25.0	22.0	20.3	21.0	---	---	---	19.7	14.9	17.0
12	26.4	25.0	25.6	21.4	19.4	20.4	---	---	---	20.5	16.1	18.0
13	27.5	25.2	26.3	20.8	19.2	20.1	---	---	---	---	---	---
14	27.8	25.6	26.7	21.5	20.0	20.6	17.5	13.6	16.0	---	---	---
15	27.5	25.5	26.3	20.9	18.8	19.9	16.7	13.4	15.4	---	---	---
16	26.6	24.9	25.6	---	---	---	15.6	11.0	13.2	---	---	---
17	27.2	25.0	25.8	19.5	17.9	18.7	15.8	12.8	14.3	---	---	---
18	25.5	22.9	24.2	20.1	18.3	19.2	15.2	14.5	14.9	---	---	---
19	24.8	22.0	23.5	21.1	18.5	19.8	14.5	11.6	13.2	---	---	---
20	22.4	19.6	20.8	20.8	19.4	20.1	---	---	---	---	---	---
21	22.5	17.0	19.4	---	---	---	12.4	11.5	11.8	---	---	---
22	23.0	18.0	20.9	---	---	---	13.8	9.0	11.6	---	---	---
23	22.2	18.3	20.7	---	---	---	12.8	8.5	11.5	---	---	---
24	21.1	16.3	18.8	---	---	---	13.1	8.6	11.5	---	---	---
25	20.5	17.0	19.2	---	---	---	12.4	9.4	11.3	---	---	---
26	20.6	18.6	19.9	17.8	13.2	15.8	12.3	9.7	10.9	---	---	---
27	21.2	19.6	20.4	---	---	---	13.2	10.0	11.5	---	---	---
28	21.7	20.0	20.7	---	---	---	13.2	10.0	11.6	---	---	---
29	22.4	20.3	21.1	---	---	---	12.9	10.0	11.3	---	---	---
30	23.2	20.7	21.8	---	---	---	13.9	11.3	12.6	---	---	---
31	22.6	21.0	21.8	---	---	---	14.3	13.1	13.7	---	---	---
MONTH	27.8	16.3	23.4	---	---	---	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.5	9.7	11.0	22.9	20.7	21.6	24.0	22.7	23.1	25.7	23.7	24.7
2	13.7	10.7	11.7	25.0	20.3	22.0	24.7	22.7	23.4	25.4	23.9	24.6
3	15.7	11.0	13.2	23.7	19.7	21.5	24.2	22.2	23.2	25.4	23.9	24.6
4	16.3	11.1	13.3	24.2	18.5	21.2	23.6	17.9	20.4	26.5	24.2	25.2
5	14.1	10.4	11.6	22.5	17.8	19.7	22.1	16.3	19.4	26.7	25.3	25.8
6	13.9	9.7	11.5	21.9	17.2	19.3	21.9	18.5	20.0	26.9	25.4	25.9
7	14.0	10.4	12.0	20.7	17.4	19.0	22.2	19.2	20.7	27.5	25.5	26.4
8	14.3	11.7	12.8	21.0	19.2	20.1	24.1	19.4	21.7	27.4	25.3	26.5
9	17.9	12.7	15.0	21.7	19.3	20.2	21.2	16.9	19.3	27.4	25.7	26.6
10	14.9	13.2	13.8	20.2	19.0	19.5	20.6	18.1	19.5	27.8	25.8	26.8
11	16.3	13.7	14.9	20.8	18.8	19.8	21.7	18.7	20.3	27.9	26.6	27.2
12	18.1	14.8	16.6	19.5	14.9	17.4	22.7	20.8	21.6	28.3	26.2	27.3
13	17.6	15.8	16.7	20.1	15.1	17.6	22.3	21.1	21.8	30.2	26.9	28.0
14	19.9	17.6	18.8	18.9	17.4	18.3	22.5	20.5	21.4	30.7	25.8	28.5
15	22.5	18.3	20.3	18.3	17.7	18.0	22.6	20.1	21.3	29.1	24.3	26.8
16	23.5	18.6	21.0	20.2	17.8	18.9	23.0	20.9	21.8	29.2	25.7	27.2
17	23.8	19.2	21.9	25.2	18.6	22.0	23.9	20.9	22.2	28.3	26.0	27.1
18	22.2	19.8	20.9	23.1	18.9	20.6	25.2	21.8	23.5	27.5	26.5	27.0
19	25.4	21.4	22.8	20.2	17.9	19.2	25.1	22.1	23.8	29.2	26.4	27.8
20	22.3	17.1	19.6	21.2	14.4	18.1	24.7	23.3	23.9	28.9	27.2	28.0
21	20.4	15.4	18.5	23.4	18.1	20.5	25.3	23.3	24.4	29.0	25.4	27.4
22	20.9	17.6	19.1	26.4	20.0	22.9	24.8	21.5	23.3	29.6	26.1	28.0
23	21.3	19.4	20.1	22.8	20.2	21.8	23.4	22.2	22.8	30.1	26.9	28.7
24	22.7	20.0	21.0	23.4	21.2	22.4	26.1	23.0	24.2	30.0	27.5	29.0
25	---	---	---	23.6	21.2	22.6	24.9	21.3	23.1	30.6	28.0	29.3
26	---	---	---	24.2	21.9	23.2	23.8	21.1	22.6	30.2	28.6	29.4
27	---	---	---	24.3	22.3	23.5	25.0	22.4	23.7	29.7	28.5	29.2
28	22.0	17.3	20.0	24.1	20.9	22.8	25.9	23.2	24.5	32.7	27.7	30.3
29	22.2	18.7	20.8	24.1	22.6	23.3	26.5	22.7	24.9	33.1	29.4	31.0
30	---	---	---	25.3	23.1	24.2	26.2	24.1	25.2	31.2	28.1	29.8
31	---	---	---	25.5	21.4	23.7	---	---	---	31.8	28.5	30.0
MONTH	---	---	---	26.4	14.4	20.8	26.5	16.3	22.4	33.1	23.7	27.6

MISSISSIPPI RIVER DELTA

309

07381326 BAYOU LACARPE NEAR CROZIER, LA--Continued

OUTSIDE TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.4	28.8	29.7	30.4	27.9	29.4	---	---	---	---	---	---
2	30.4	28.0	29.6	29.7	27.1	28.7	31.1	26.5	29.0	---	---	---
3	31.0	26.2	28.7	31.1	26.6	29.1	30.3	27.8	28.9	---	---	---
4	30.9	26.0	28.4	31.6	27.5	30.0	30.2	26.4	28.1	---	---	---
5	30.6	26.7	28.5	31.7	28.2	30.2	---	---	---	---	---	---
6	30.0	26.5	28.1	31.6	28.5	30.3	31.2	28.7	29.6	---	---	---
7	30.5	25.0	28.0	32.0	28.8	30.4	32.2	29.3	30.6	---	---	---
8	29.7	25.5	28.2	31.9	29.9	31.1	32.2	29.6	30.8	---	---	---
9	30.9	27.5	29.1	31.6	29.6	30.3	31.9	29.6	30.5	---	---	---
10	30.3	28.5	29.3	31.4	29.1	30.4	32.4	28.3	30.6	---	---	---
11	31.4	28.4	29.7	32.2	28.8	30.3	31.8	27.5	29.6	---	---	---
12	30.8	28.0	29.2	33.0	29.2	30.7	32.6	28.3	30.2	---	---	---
13	31.1	27.8	29.2	32.5	29.9	31.0	---	---	---	---	---	---
14	30.5	28.4	29.3	33.6	30.5	31.8	---	---	---	---	---	---
15	30.3	28.6	29.3	34.1	30.6	32.2	---	---	---	---	---	---
16	29.5	27.9	28.6	33.6	30.9	32.2	---	---	---	---	---	---
17	29.7	27.1	28.6	33.1	31.2	32.1	---	---	---	---	---	---
18	30.8	27.1	29.2	33.2	31.0	32.1	---	---	---	---	---	---
19	30.5	28.5	29.6	32.2	30.5	31.4	---	---	---	---	---	---
20	30.9	28.3	29.7	33.0	29.3	31.4	---	---	---	---	---	---
21	30.7	28.5	29.8	33.3	30.3	31.8	---	---	---	---	---	---
22	33.1	28.8	30.9	33.3	30.4	31.9	---	---	---	---	---	---
23	33.3	29.2	31.5	31.8	28.4	30.4	---	---	---	29.7	27.8	28.2
24	32.2	29.2	30.8	32.4	28.2	30.1	---	---	---	30.1	28.1	28.7
25	32.9	28.9	30.8	31.5	29.3	30.3	---	---	---	29.5	26.8	28.4
26	31.4	29.2	30.5	31.9	29.0	30.4	---	---	---	---	---	---
27	31.7	28.6	29.9	31.6	29.5	30.4	---	---	---	---	---	---
28	31.3	28.5	29.9	31.1	29.0	30.0	---	---	---	---	---	---
29	31.2	28.3	29.7	31.6	28.6	30.3	---	---	---	---	---	---
30	31.5	28.4	29.8	31.1	29.4	30.2	---	---	---	---	---	---
31	---	---	---	30.8	27.9	29.8	---	---	---	---	---	---
MONTH	33.3	25.0	29.5	34.1	26.6	30.7	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA

LOCATION.--Lat 29°23'06", long 90°43'47", T. 19 S., R. 17 E., Terrebonne Parish, Hydrologic Unit 08090302, on a pontoon bridge 2 mi west of Dulac.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

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

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is sea level. Prior to Oct. 1, 1995, datum of gage was 10.00 ft below sea level.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.51 ft, Sept. 12, 1998; minimum, -1.42 ft, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1.97 ft, Oct. 8; minimum elevation, -0.97 ft, Feb. 5.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1.20	.59	.90	1.08	.39	.80	.32	.06	.19	.44	-.39	.03
2	1.25	.65	.98	.51	-.39	.10	.86	.23	.42	.53	-.29	.11
3	1.31	.78	1.05	.30	-.27	.11	1.19	.72	.95	.89	.00	.40
4	1.34	.77	1.08	.32	.07	.17	1.41	.97	1.16	.89	-.48	-.03
5	1.10	.62	.94	.34	-.07	.11	1.41	.66	.97	.18	-.91	-.49
6	1.09	.65	.95	.50	-.08	.22	.75	-.09	.30	.30	-.55	-.14
7	1.46	.94	1.28	.51	-.18	.17	.80	.06	.46	.30	-.58	-.16
8	1.97	1.45	1.75	.73	-.04	.32	.82	.13	.50	.49	-.36	.05
9	1.83	1.46	1.62	.82	.09	.47	.88	.23	.56	.61	-.06	.28
10	1.53	1.06	1.28	.99	.34	.69	.88	-.04	.37	.72	-.04	.30
11	1.18	.72	.98	1.09	.37	.70	.70	.08	.40	.47	-.13	.16
12	1.30	.84	1.08	.87	.09	.45	1.11	.59	.82	.39	-.08	.15
13	1.18	.63	.92	.80	.24	.55	1.14	.00	.48	.39	-.25	.16
14	1.18	.60	.90	.90	.11	.52	.49	-.05	.20	.08	-.67	-.33
15	1.22	.60	.93	.61	-.05	.28	.53	-.34	.03	.50	-.03	.26
16	1.17	.61	.92	.43	.04	.29	.20	-.38	-.19	.47	-.21	.13
17	1.19	.37	.82	.55	.18	.38	.39	-.05	.15	.60	-.31	.14
18	.61	.18	.41	.66	.41	.55	.44	.23	.31	.59	-.20	.22
19	.79	.13	.52	.69	.41	.52	.53	-.18	.20	.68	-.25	.19
20	.28	-.24	.00	.73	.46	.61	.51	-.18	.17	.68	-.44	.07
21	.31	-.05	.18	1.02	.26	.60	.37	-.35	.05	.35	-.58	-.11
22	.65	.13	.43	1.09	.44	.78	.43	-.63	-.10	.83	.23	.50
23	.43	.04	.27	1.13	.47	.81	.42	-.63	-.06	.83	-.04	.34
24	.40	-.23	.07	1.10	.32	.69	.35	-.72	-.24	.63	-.49	-.08
25	.55	-.15	.20	.94	.07	.48	.09	-.81	-.34	-.15	-.49	-.31
26	.61	-.11	.26	.57	-.27	.19	.16	-.79	-.31	-.26	-.82	-.54
27	.66	-.11	.29	.64	-.10	.29	-.08	-.75	-.37	.09	-.57	-.33
28	.71	-.09	.33	.68	-.08	.30	-.13	-.77	-.43	.28	-.31	.05
29	.84	.10	.50	.46	-.21	.10	.04	-.43	-.25	-.02	-.72	-.35
30	1.01	.44	.77	.11	-.19	-.10	.11	-.41	-.16	-.16	-.91	-.52
31	1.28	.51	.94	---	---	---	.32	-.42	-.01	.05	-.73	-.37
MONTH	1.97	-.24	.76	1.13	-.39	.41	1.41	-.81	.20	.89	-.91	-.01

MISSISSIPPI RIVER DELTA

311

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.17	-.56	-.21	.82	.09	.48	1.11	.66	.86	1.12	.73	.97
2	.20	-.62	-.21	.70	-.10	.29	1.11	.64	.89	1.11	.66	.92
3	.21	-.52	-.14	.76	.13	.47	1.28	.51	1.02	1.35	.73	1.10
4	.19	-.70	-.30	.72	-.22	.19	.52	-.20	.11	1.34	.72	1.08
5	-.15	-.97	-.57	.42	-.29	.09	.64	-.20	.28	1.37	.61	1.09
6	-.05	-.80	-.41	.56	.06	.30	.63	.04	.38	1.39	.75	1.11
7	-.03	-.70	-.35	.54	.27	.39	.92	.12	.59	1.32	.70	1.03
8	-.01	-.47	-.19	.63	.39	.51	.41	-.44	.10	1.28	.56	.95
9	-.08	-.50	-.28	.75	.39	.58	.59	-.61	.04	1.24	.51	.92
10	.22	-.26	.01	.87	.42	.65	.81	-.19	.38	1.12	.49	.88
11	.27	-.01	.10	.70	-.08	.43	.83	-.07	.44	1.16	.54	.87
12	.41	-.17	.14	.58	-.46	.08	.97	.19	.63	1.19	.85	1.04
13	.94	-.03	.43	.61	-.25	.22	.87	.20	.50	1.16	.64	.87
14	.79	.13	.45	.85	-.09	.39	.75	-.10	.30	.69	.37	.52
15	.84	-.09	.31	1.39	.20	.77	.70	.28	.54	.71	.26	.51
16	.84	.04	.45	1.38	.65	.93	.85	.35	.60	.83	.26	.57
17	.90	.10	.44	.99	.25	.61	.58	.14	.41	1.11	.26	.86
18	.99	.39	.71	.96	.23	.67	.64	.09	.39	1.46	.83	1.19
19	1.01	.09	.46	1.04	.27	.57	.88	.09	.58	1.28	.75	1.03
20	.36	-.36	-.03	.56	.31	.42	1.00	.37	.72	1.35	.72	1.08
21	.26	-.15	.06	.86	.39	.67	.52	.02	.32	1.18	.61	.87
22	.40	.04	.21	.58	.11	.44	.93	-.19	.43	1.01	.36	.70
23	.53	.23	.38	.76	.06	.47	1.41	.35	.93	1.04	.25	.65
24	.62	.30	.44	.80	.29	.57	1.18	.61	.95	1.03	.36	.70
25	.88	.49	.73	.85	.18	.50	.88	.28	.57	1.13	.47	.82
26	.97	.59	.80	.79	.08	.45	.94	.15	.55	1.23	.69	.98
27	.74	.18	.39	.80	.18	.49	.75	.09	.47	1.23	.84	1.09
28	.66	-.17	.28	1.08	.16	.67	.71	.23	.47	.86	.44	.66
29	.82	.13	.48	1.20	.46	.88	.78	.06	.45	.49	.21	.38
30	---	---	---	1.16	.52	.76	.95	.35	.69	.65	.21	.44
31	---	---	---	.82	.06	.44	---	---	---	.80	.23	.62
MONTH	1.01	-.97	.16	1.39	-.46	.50	1.41	-.61	.52	1.46	.21	.85
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.13	.47	.83	1.06	.11	.60	.98	.17	.63	.76	.44	.58
2	1.08	.39	.78	1.12	.12	.69	.90	.20	.61	.80	.31	.54
3	1.04	.26	.68	1.21	.24	.78	.75	.36	.59	.61	.18	.43
4	1.09	.22	.65	1.19	.33	.84	.56	.25	.45	.74	.29	.53
5	.97	.21	.62	1.11	.48	.85	.39	.18	.29	.92	.41	.69
6	.74	.05	.42	.87	.44	.69	.57	.14	.38	.87	.21	.58
7	.66	-.02	.34	.58	.33	.48	.74	.29	.53	1.06	.36	.78
8	.75	.04	.45	.55	.23	.43	.86	.23	.60	1.45	.69	1.18
9	.88	.30	.62	.77	.23	.50	.86	.14	.56	1.62	1.12	1.43
10	1.00	.73	.89	.89	.22	.62	.79	.14	.54	1.46	.82	1.23
11	1.00	.47	.73	.77	.08	.47	.83	.06	.48	1.36	.80	1.10
12	.78	.31	.62	.78	-.03	.41	.78	.06	.50	1.41	.90	1.17
13	.85	.32	.63	.58	-.11	.28	.94	.16	.60	1.12	.77	1.00
14	1.09	.32	.78	.52	-.23	.20	1.02	.17	.75	1.10	.69	.92
15	.98	.39	.72	.57	-.25	.18	.98	.34	.66	.99	.68	.80
16	1.37	.38	.96	.76	-.18	.35	.62	.12	.40	.95	.64	.80
17	1.31	.67	1.02	.74	-.11	.35	.63	.06	.36	1.02	.61	.87
18	1.26	.60	.94	.67	-.09	.31	.57	.08	.36	1.21	.86	1.07
19	1.23	.54	.91	.48	-.12	.18	.29	.12	.21	1.39	.84	1.11
20	1.24	.49	.85	.48	-.21	.17	.40	.02	.23	1.14	.63	.92
21	1.05	.33	.71	.47	-.15	.21	.47	.00	.26	1.20	.75	.99
22	.66	.21	.45	.47	.09	.34	.67	.05	.43	1.31	.87	1.10
23	.54	.00	.28	.65	.16	.37	1.01	.14	.61	1.39	.80	1.14
24	.48	.09	.31	.41	.06	.24	.91	.20	.60	1.21	.63	.98
25	.59	.14	.35	.62	.07	.36	.99	.20	.65	1.01	.31	.77
26	.73	.19	.41	.82	.10	.51	1.01	.22	.68	.56	.15	.35
27	.79	.17	.51	.82	.07	.53	1.06	.22	.71	.46	.22	.35
28	.93	.23	.62	.97	.09	.57	1.00	.27	.67	.54	.23	.39
29	.93	.10	.60	1.02	.13	.64	.73	.16	.51	.76	.39	.55
30	.96	.04	.57	1.03	.17	.68	.53	.09	.29	.87	.47	.68
31	---	---	---	1.11	.22	.69	.91	.39	.70	---	---	---
MONTH	1.37	-.02	.64	1.21	-.25	.47	1.06	.00	.51	1.62	.15	.83

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1992 to current year.

WATER TEMPERATURES: June 1992 to current year.

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

REMARKS.--Specific conductance records poor due to limitations of the instrument over the range of measured conductance.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 45,700 microsiemens, May 18, 2000; minimum, 122 microsiemens, Feb. 18, 1996.

WATER TEMPERATURES: Maximum, 34.2°C, Aug. 6, 1999; minimum, 6.6°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 45,700 microsiemens/cm, May 18; minimum, 342 microsiemens/cm, Apr. 21.

WATER TEMPERATURE: Maximum, 33.3°C, Aug. 21; minimum, 9.1°C, Feb. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	35400	29700	33300	33600	21900	29100	32700	14600	28400	17100	4480	8130
2	34900	32100	34000	22000	9680	16200	38100	32700	36300	18700	5150	9370
3	33700	32700	33400	16300	8860	12500	39500	37700	38900	26200	9070	16600
4	34000	33300	33600	19400	10800	14800	40400	38700	39600	27200	2220	14000
5	33700	32600	33600	14600	6890	9240	41200	29300	37000	6380	1170	1980
6	33700	31200	32200	20000	9280	12500	33800	27600	30000	8840	1840	4740
7	36500	33600	34900	24900	10600	14200	32700	26500	29500	14100	1620	5580
8	40000	36500	38000	22600	10900	15800	34800	24100	28400	13800	3010	7000
9	38300	31600	34400	29300	18000	22700	30400	24000	27000	25600	11300	18400
10	36000	27900	32000	32400	24200	28900	30700	18600	23800	23700	8430	14700
11	27900	17600	22600	34100	25900	30200	25600	17900	20600	11300	4430	6840
12	17600	13300	15600	29500	16400	22400	35700	20600	32600	6920	3410	4980
13	13300	9970	12000	24500	17600	20400	33900	15200	25900	5660	1960	4110
14	12300	8440	10400	28000	18600	23400	15200	6650	9790	2800	915	1400
15	17000	8190	10800	19500	10500	14800	15800	6960	10600	36500	2800	20800
16	15100	7190	9700	13700	9980	11600	12000	4310	6500	36500	12600	21100
17	13800	6360	9080	22600	11100	18500	18700	11300	14100	25300	8630	12200
18	6500	3510	4590	30600	18100	25000	25300	12800	18900	27900	10400	15900
19	13100	3500	7320	31600	21700	24600	21400	6600	10700	20200	7390	11400
20	4360	3400	3730	31500	22800	25900	23100	6720	13000	16600	3760	8500
21	14500	3580	8740	35300	17900	23500	6720	2640	4080	3760	1220	2160
22	28100	9730	18600	39100	30200	34900	3560	1800	2540	30500	3390	24900
23	21400	10600	14000	39000	33300	35900	9750	1730	4030	32500	17200	24700
24	18000	6280	9330	36700	26300	32200	6090	1500	2760	17800	3760	9160
25	22200	11800	15800	33000	21400	27400	2170	1370	1750	3760	1340	1950
26	25500	13600	18000	21400	15400	18700	4670	1490	2350	2440	1190	1630
27	26500	13100	18900	27100	18000	21300	2460	1340	1800	10300	2440	4650
28	27800	12700	18900	29600	16100	22200	2360	1280	1620	30500	10300	23900
29	32200	15900	23900	21700	9850	15200	2400	1130	1410	27000	13000	17500
30	35500	20200	31600	14600	7240	9450	7510	2400	3950	15300	9440	11500
31	37300	26600	33300	---	---	---	17100	3680	7130	16700	10900	12100
MONTH	40000	3400	21200	39100	6890	21100	41200	1130	16600	36500	915	11000

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	21400	15400	17200	30400	11200	16800	30800	3490	10100	24800	7080	18000
2	23000	16700	19500	13200	4840	6920	35500	12600	22300	11000	4810	8520
3	24400	18700	20900	11200	2990	5860	35000	11400	24700	27300	4240	14400
4	22700	13300	18000	4710	1370	2630	11400	1100	4070	22000	8230	14300
5	13600	6840	9890	1870	1010	1320	1150	480	665	---	---	---
6	9720	7180	8890	5010	1110	2040	807	447	552	---	---	---
7	11500	9160	10200	3530	1050	2370	3800	465	1280	---	---	---
8	11600	9590	10800	4540	1540	2740	1440	473	901	---	---	---
9	12100	9560	10600	4150	2510	3380	6740	468	1630	---	---	---
10	15900	9630	11600	7030	1320	2920	16400	545	4470	---	---	---
11	20400	15900	18000	5150	1600	2530	---	---	---	---	---	---
12	21700	17900	19500	2750	754	1500	20300	2090	7740	---	---	---
13	26400	21200	22800	6010	794	1920	20500	1070	5440	---	---	---
14	28300	23500	25600	26700	1210	6300	1400	558	974	---	---	---
15	25500	19000	21700	42000	6090	20000	2290	554	1130	---	---	---
16	27600	22000	24300	42000	24000	32100	7090	1020	2890	---	---	---
17	25400	20000	22300	25800	8420	13200	1330	663	982	---	---	---
18	32100	22200	27700	12100	3920	6800	1490	408	661	45700	27700	37000
19	33600	20600	27600	3920	1220	2150	5840	465	1580	40100	26400	34500
20	20600	9580	13600	1220	710	833	3440	780	1270	34000	15200	23200
21	11900	9900	11100	5240	701	3090	1420	342	824	21600	6770	11100
22	18900	11600	15400	2070	626	1080	9380	408	2280	6770	2370	3970
23	35400	18900	29200	9300	512	2550	34900	891	12000	4700	1140	2560
24	36100	28900	32200	11200	1090	4270	31900	6500	19500	3510	1190	2250
25	42900	36100	40000	5310	740	2120	6500	3490	4910	14100	982	4580
26	43300	41000	42000	2000	492	917	3490	1130	2330	29500	2590	12200
27	42100	19600	29600	875	486	633	1130	516	772	32700	17900	29400
28	24300	12300	15700	21900	457	5500	1060	448	746	17900	2800	6610
29	25500	10900	16500	25400	6070	13300	3400	626	929	2940	984	1900
30	---	---	---	26000	3720	11200	8680	926	2890	10600	804	4210
31	---	---	---	3960	535	1890	---	---	---	27200	3560	15400
MONTH	43300	6840	20400	42000	457	5830	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	43300	16700	31100	1340	642	936	8250	2820	4500	25600	5580	15300
2	38000	21400	29700	2860	675	1200	3950	846	1880	7080	3470	5360
3	25900	14800	19300	14200	630	3500	2260	770	1160	3490	2100	2780
4	18900	8300	12600	12400	776	3070	829	571	706	5260	2160	3560
5	10500	4300	6500	7140	888	2750	1170	743	894	18800	2790	8750
6	4300	895	2030	2620	539	977	1740	802	1160	18000	5420	10700
7	12400	665	2270	876	516	646	6650	958	4270	35400	6110	21800
8	24800	1660	7010	785	496	639	17400	5790	10400	34600	24400	31600
9	31200	6560	14300	2750	520	1360	16800	5130	8340	33700	27300	31400
10	38000	23600	33400	2820	932	1580	6830	3650	5140	30000	26000	28000
11	23600	7580	15600	1310	469	690	9270	1520	3480	26000	21900	23000
12	10800	4540	7570	840	454	611	7640	952	2810	24300	18700	21200
13	11800	4120	7880	1120	384	630	18500	1300	6450	22000	13000	16500
14	28900	5050	13600	1060	394	638	26000	2480	12400	13000	8420	10200
15	13600	6250	9070	973	432	717	16000	7150	10400	8500	5510	6800
16	36000	4090	15700	4210	479	1380	7290	906	2280	10300	6060	6990
17	35000	6080	16800	4820	541	1570	2360	871	1290	16400	10300	14600
18	21700	9280	12700	1580	540	846	2340	790	1110	27100	16400	24000
19	17400	5160	8670	790	484	599	1160	772	1000	---	---	---
20	11100	1480	4790	937	510	711	2980	772	1630	---	---	---
21	2600	793	1510	848	501	635	8130	1520	3950	---	---	---
22	1770	758	1230	2290	513	997	16100	3060	8950	---	---	---
23	1670	770	1200	5780	2270	3330	26100	4160	14500	30900	22900	27800
24	1550	746	1050	2270	839	1270	20000	5770	11300	26500	20600	23800
25	3960	893	1840	6200	1220	3060	22600	5550	11800	21800	11700	17400
26	2710	921	1750	17300	2410	9700	22200	6450	12800	11700	4390	7340
27	3610	1150	2050	18600	9010	12100	20600	6590	11700	4570	3030	3660
28	4750	909	2030	19800	6850	11800	14000	6490	9290	11000	4200	5100
29	1230	705	1020	23800	5970	12700	9230	4370	5980	28300	11000	16300
30	1850	712	988	20000	6010	10600	4370	1480	2520	33600	25000	29100
31	---	---	---	12200	4020	6770	25800	2190	12300	---	---	---
MONTH	43300	665	9510	23800	384	3160	26100	571	6010	---	---	---

MISSISSIPPI RIVER DELTA

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.9	22.9	23.9	22.9	21.2	22.1	16.5	14.5	15.3	15.0	12.9	13.7
2	24.7	22.9	23.9	21.2	19.7	20.2	15.5	14.4	15.0	16.2	14.1	15.0
3	26.0	24.2	25.1	19.7	18.4	19.1	17.7	15.4	16.6	19.2	16.2	17.3
4	27.2	25.4	26.2	19.5	17.5	18.6	19.4	17.1	18.1	19.2	15.1	17.3
5	26.9	25.0	26.0	19.9	18.8	19.3	18.9	17.5	18.5	15.2	13.7	14.8
6	25.4	24.3	24.7	20.1	18.4	19.2	17.5	15.8	16.5	14.7	12.8	13.9
7	25.0	23.9	24.5	20.1	18.1	18.9	16.5	14.5	15.7	14.6	12.8	13.8
8	25.6	24.7	25.2	20.0	17.2	18.6	16.8	14.2	15.8	15.2	12.8	14.2
9	25.5	24.9	25.2	20.5	18.6	19.7	17.5	15.1	16.6	16.5	13.6	15.1
10	25.2	25.0	25.1	22.1	20.0	21.0	17.5	16.0	16.8	17.8	16.0	16.8
11	25.5	24.8	25.1	22.4	21.1	21.8	17.6	15.9	16.9	17.2	15.6	16.6
12	26.2	25.0	25.5	21.9	20.3	21.1	18.8	16.6	17.7	17.8	16.6	17.1
13	26.5	25.3	25.8	21.7	20.1	21.0	18.3	17.0	17.9	18.6	17.2	17.6
14	26.6	25.5	26.1	21.8	20.2	21.3	17.6	16.5	17.0	17.4	15.8	16.8
15	27.2	26.0	26.4	21.5	20.1	20.9	17.0	16.0	16.6	16.5	14.0	15.1
16	27.5	26.0	26.5	20.5	19.3	20.1	16.0	14.5	15.4	16.7	13.9	15.5
17	27.4	26.2	26.7	20.2	19.1	19.7	14.9	14.1	14.6	17.5	15.8	16.4
18	26.4	25.4	25.9	20.0	18.8	19.3	14.6	13.7	14.2	17.7	15.8	16.7
19	25.6	24.6	25.2	20.0	18.4	19.4	15.1	13.8	14.3	18.4	16.7	17.6
20	24.6	23.2	24.0	20.3	19.0	19.7	14.3	13.1	13.8	18.9	16.1	17.8
21	23.2	21.4	22.0	21.3	19.7	20.3	13.6	12.6	13.2	16.2	15.1	15.8
22	21.4	20.2	20.7	21.7	20.4	21.1	12.8	12.0	12.5	15.9	14.4	15.1
23	22.0	20.3	20.9	22.2	21.1	21.7	12.5	11.4	12.0	17.1	15.0	16.0
24	21.5	18.8	20.5	22.1	21.5	21.8	12.3	11.2	11.9	16.6	14.6	15.5
25	20.5	17.7	19.2	21.8	19.5	20.7	12.2	11.1	11.6	14.6	13.6	14.1
26	20.6	17.3	19.1	19.5	18.4	18.9	11.9	10.6	11.5	14.2	12.8	13.3
27	20.9	17.6	19.5	18.6	16.9	17.8	11.9	10.9	11.5	12.9	10.4	12.1
28	21.3	18.5	20.1	18.6	16.4	17.7	11.8	11.1	11.4	10.6	9.6	10.1
29	21.5	20.0	20.6	18.6	16.9	17.9	12.0	10.7	11.4	11.2	10.2	10.7
30	22.4	20.8	21.6	17.6	16.4	17.1	12.7	11.3	12.0	11.5	10.2	10.7
31	22.6	22.0	22.3	---	---	---	14.1	12.1	12.9	11.5	9.8	10.5
MONTH	27.5	17.3	23.7	22.9	16.4	19.9	19.4	10.6	14.7	19.2	9.6	14.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.6	9.1	9.8	21.7	20.0	20.9	23.3	22.2	22.7	25.0	22.9	23.9
2	11.3	9.1	10.2	21.5	20.7	21.0	23.9	22.6	23.1	25.1	23.7	24.2
3	11.7	9.5	10.7	21.3	20.5	21.0	24.3	22.2	23.4	25.4	23.8	24.5
4	12.6	10.4	11.5	21.3	19.6	20.4	22.2	20.6	21.3	26.1	23.9	25.0
5	11.9	10.5	11.2	19.6	18.5	18.9	21.2	19.6	20.2	---	---	---
6	12.1	9.5	11.1	19.5	18.0	18.9	20.1	19.3	19.7	---	---	---
7	12.4	10.5	11.6	19.5	18.4	18.8	21.1	19.4	20.1	---	---	---
8	13.1	11.6	12.4	19.4	18.4	18.9	20.9	19.7	20.3	---	---	---
9	13.7	12.1	12.9	20.3	19.0	19.6	20.1	18.6	19.3	---	---	---
10	15.1	13.0	13.8	21.5	19.6	20.5	20.0	18.3	19.0	26.4	25.8	26.2
11	16.4	14.6	15.2	21.0	19.2	20.3	21.0	18.6	19.7	---	---	---
12	17.9	15.7	16.6	19.2	17.4	18.0	22.0	19.6	20.7	---	---	---
13	20.3	17.2	18.4	18.7	16.9	17.6	21.6	20.5	21.0	---	---	---
14	21.5	19.5	20.2	18.2	17.3	17.8	21.7	20.4	20.8	---	---	---
15	21.1	19.2	20.0	18.8	17.7	18.1	21.5	20.1	20.8	---	---	---
16	21.3	19.8	20.7	20.2	18.6	19.4	22.5	20.7	21.5	---	---	---
17	21.8	20.2	21.1	20.3	18.8	19.6	23.7	21.3	22.4	---	---	---
18	23.3	21.7	22.6	19.7	18.7	19.3	24.7	22.3	23.2	27.5	26.2	26.8
19	23.1	20.6	22.5	19.0	18.1	18.6	25.0	22.7	23.8	28.9	26.8	27.6
20	20.6	19.1	19.8	19.7	18.0	18.7	24.4	23.2	23.6	28.3	27.1	27.7
21	19.9	18.1	19.4	19.6	18.2	18.9	24.8	23.2	24.0	27.9	27.3	27.6
22	20.1	18.4	19.0	20.4	18.8	19.6	24.2	22.2	23.2	28.4	27.2	27.7
23	19.9	17.9	18.7	22.0	19.6	20.5	23.3	22.2	22.7	28.8	27.6	28.2
24	21.4	19.2	20.0	21.6	20.1	20.9	24.6	22.7	23.5	28.8	27.8	28.3
25	22.2	19.4	20.9	22.5	20.5	21.4	24.0	22.5	23.2	29.4	28.3	28.8
26	22.4	21.1	21.7	22.9	21.4	22.0	23.1	21.9	22.4	29.8	28.3	28.9
27	21.3	20.3	20.9	22.9	22.0	22.3	23.4	22.2	22.8	29.9	28.1	28.9
28	21.6	19.8	20.4	23.4	21.9	22.7	24.0	22.5	23.2	30.4	28.8	29.4
29	21.6	19.4	20.4	23.6	22.3	23.0	25.6	23.2	24.0	30.6	29.4	29.9
30	---	---	---	24.8	23.0	23.7	25.2	23.5	24.1	30.6	29.2	29.9
31	---	---	---	23.3	22.3	22.8	---	---	---	31.0	28.9	29.9
MONTH	23.3	9.1	17.0	24.8	16.9	20.1	25.6	18.3	22.0	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.9	28.3	28.9	30.6	29.7	30.2	29.9	29.3	29.6	32.4	30.6	31.4
2	29.6	28.3	29.0	29.7	29.2	29.5	30.4	29.2	29.6	31.9	30.6	31.3
3	30.3	28.7	29.3	30.3	29.0	29.6	29.8	29.2	29.6	32.6	30.8	31.8
4	30.2	29.0	29.5	31.0	29.2	29.8	30.1	29.0	29.5	33.0	31.6	32.3
5	29.9	29.2	29.5	30.4	29.2	29.7	30.4	29.0	29.6	33.2	31.5	32.2
6	29.7	29.0	29.4	31.6	29.6	30.2	30.9	29.3	29.9	31.6	30.7	31.1
7	29.4	28.4	28.9	31.6	30.0	30.6	31.6	29.9	30.5	30.7	27.9	29.1
8	29.5	28.0	28.6	31.6	30.5	30.9	32.6	30.3	30.9	29.1	27.2	27.9
9	29.7	27.9	28.7	31.7	30.6	31.0	33.0	30.3	31.2	27.3	26.5	26.9
10	29.9	27.9	28.6	31.9	30.4	31.1	31.9	30.2	31.1	29.4	26.8	27.6
11	29.5	28.6	29.0	32.2	30.5	31.1	31.2	29.8	30.3	29.6	28.3	28.9
12	29.5	28.6	29.1	32.3	31.0	31.5	32.8	30.6	31.1	30.2	28.8	29.5
13	30.8	28.8	29.5	32.3	31.3	31.7	32.1	30.8	31.3	29.8	29.0	29.4
14	30.9	28.8	29.7	32.2	31.3	31.7	31.5	30.8	31.1	29.9	28.8	29.3
15	30.2	29.0	29.5	33.1	31.4	32.0	31.8	30.5	31.1	30.2	28.9	29.5
16	29.4	27.7	28.7	32.7	31.6	32.1	32.4	30.6	31.3	29.8	28.1	28.8
17	29.4	28.0	28.4	32.4	31.8	32.0	32.4	30.9	31.3	28.6	26.3	27.5
18	30.1	28.2	29.0	32.4	31.8	32.0	32.7	31.4	31.8	26.8	25.1	25.9
19	30.3	28.9	29.5	32.1	31.7	31.9	32.9	31.6	32.1	---	---	---
20	30.6	28.9	29.6	32.2	31.1	31.7	32.7	31.6	32.1	---	---	---
21	30.5	29.1	29.7	32.3	31.3	31.7	33.3	31.4	32.2	---	---	---
22	30.7	29.3	30.0	32.3	31.5	31.8	32.2	31.0	31.5	---	---	---
23	31.1	30.0	30.6	31.6	30.3	30.9	31.0	29.4	30.2	30.2	28.3	29.1
24	31.6	30.3	30.9	31.7	30.4	30.9	30.6	29.4	30.0	30.7	28.8	29.5
25	31.4	30.4	30.9	31.5	30.0	30.5	32.0	29.4	30.2	29.6	27.7	29.0
26	31.6	29.8	30.7	31.6	29.9	30.4	32.3	30.3	31.1	27.7	25.8	26.8
27	31.5	30.2	30.8	31.5	30.0	30.6	32.5	30.5	31.5	26.6	25.2	25.8
28	31.5	30.3	30.7	31.9	30.0	30.7	33.0	30.8	31.7	26.1	24.4	25.2
29	31.1	30.2	30.5	32.3	30.3	31.2	32.3	31.1	31.6	24.8	22.9	23.9
30	31.2	30.0	30.5	31.1	30.0	30.5	32.7	31.1	31.8	25.1	22.1	23.4
31	---	---	---	30.1	29.7	29.9	31.9	31.0	31.5	---	---	---
MONTH	31.6	27.7	29.6	33.1	29.0	30.9	33.3	29.0	30.9	---	---	---

MISSISSIPPI RIVER DELTA

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA

LOCATION.--Lat 29°22'30", long 90°36'06", in sec. 1, T. 20 S., R. 18 E., Terrebonne Parish, Hydrologic Unit 08090302, on a three-pile platform, 1.5 mi south of Chauvin.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--January 1994 to current year.

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

REMARKS.--Gage height affected by wind and tide. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.76 ft, Sept. 11, 1998 ; minimum, 6.62 ft, Jan. 8, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.62 ft, Oct. 8; minimum gage height, 7.21 ft, Feb. 5.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	9.70	8.77	9.19	9.39	8.48	8.95	8.62	8.32	8.45	8.65	7.79	8.20
2	9.70	8.82	9.28	8.65	7.69	8.20	9.37	8.43	8.77	8.76	7.91	8.30
3	9.76	8.97	9.38	8.57	7.90	8.34	9.59	8.94	9.24	9.13	8.16	8.59
4	9.82	8.95	9.41	8.60	8.27	8.38	9.84	9.15	9.47	9.05	7.53	8.02
5	9.37	8.73	9.13	8.62	8.17	8.38	9.81	8.59	9.02	8.35	7.23	7.60
6	9.45	8.86	9.21	8.78	8.16	8.48	8.98	7.90	8.34	8.48	7.57	7.98
7	9.93	9.14	9.71	8.81	8.03	8.40	9.04	8.16	8.59	8.48	7.59	7.97
8	10.62	9.92	10.24	9.15	8.19	8.62	9.04	8.24	8.64	8.78	7.81	8.22
9	9.94	9.49	9.73	9.27	8.33	8.77	9.16	8.30	8.73	8.89	8.01	8.44
10	9.79	9.11	9.40	9.41	8.56	8.97	9.15	8.04	8.48	8.88	8.06	8.43
11	9.48	8.84	9.16	9.45	8.51	8.94	9.08	8.20	8.60	8.64	7.99	8.31
12	9.60	9.03	9.33	9.11	8.29	8.65	9.45	8.71	9.06	8.55	8.07	8.29
13	9.47	8.76	9.17	9.15	8.44	8.81	9.45	7.95	8.47	8.57	7.95	8.31
14	9.55	8.79	9.17	9.26	8.32	8.76	8.72	8.09	8.37	8.13	7.39	7.69
15	9.64	8.80	9.21	8.83	8.14	8.49	8.75	7.71	8.13	8.67	8.07	8.38
16	9.54	8.81	9.18	8.69	8.25	8.48	8.35	7.70	7.94	8.57	7.93	8.25
17	9.54	8.51	9.04	8.77	8.36	8.61	8.57	8.04	8.27	8.84	7.83	8.29
18	8.85	8.41	8.64	8.89	8.56	8.76	8.57	8.31	8.42	8.81	7.91	8.33
19	9.11	8.29	8.77	9.03	8.61	8.74	8.75	7.95	8.34	8.84	7.86	8.27
20	8.47	7.93	8.16	9.03	8.63	8.83	8.70	7.96	8.26	8.88	7.70	8.18
21	8.58	8.14	8.40	9.44	8.46	8.90	8.37	7.74	8.07	8.46	7.62	7.99
22	8.97	8.40	8.69	9.53	8.61	9.05	8.54	7.53	7.98	9.09	8.31	8.66
23	8.69	8.23	8.46	9.53	8.57	9.06	8.54	7.61	8.05	9.09	7.99	8.48
24	8.64	7.93	8.27	9.45	8.40	8.88	8.44	7.49	7.88	8.71	7.59	8.00
25	8.86	8.06	8.44	9.24	8.17	8.65	8.17	7.39	7.75	7.84	7.61	7.75
26	8.93	8.08	8.51	8.79	7.93	8.35	8.24	7.45	7.81	7.76	7.30	7.51
27	8.98	8.07	8.54	8.92	8.09	8.52	8.01	7.46	7.76	8.26	7.50	7.72
28	9.09	8.12	8.60	8.98	8.09	8.53	7.98	7.41	7.69	8.62	7.86	8.40
29	9.25	8.31	8.80	8.72	8.00	8.31	8.23	7.75	7.92	8.11	7.51	7.79
30	9.47	8.68	9.08	8.36	7.94	8.05	8.29	7.78	8.02	7.94	7.30	7.62
31	9.98	8.55	9.19	---	---	---	8.53	7.79	8.16	8.20	7.37	7.72
MONTH	10.62	7.93	9.02	9.53	7.69	8.63	9.84	7.39	8.34	9.13	7.23	8.12

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.36	7.57	7.93	9.06	8.25	8.62	9.55	8.87	9.17	9.35	8.80	9.10
2	8.37	7.53	7.91	8.93	8.03	8.43	9.55	8.78	9.16	9.26	8.75	9.02
3	8.44	7.60	8.00	8.95	8.29	8.62	9.72	8.64	9.34	9.67	8.83	9.27
4	8.33	7.47	7.81	8.85	7.93	8.33	8.64	7.88	8.15	9.60	8.83	9.24
5	7.91	7.21	7.51	8.63	7.91	8.25	8.79	7.87	8.42	9.98	8.76	9.40
6	8.05	7.39	7.72	8.73	8.23	8.46	8.82	8.28	8.60	9.94	8.92	9.44
7	8.11	7.49	7.80	8.72	8.43	8.55	9.17	8.34	8.81	9.65	8.85	9.26
8	8.15	7.69	7.95	8.81	8.53	8.67	8.59	7.60	8.20	9.57	8.73	9.16
9	8.03	7.66	7.86	8.87	8.63	8.76	8.75	7.44	8.04	9.53	8.69	9.12
10	8.37	7.87	8.13	9.08	8.60	8.87	9.05	8.05	8.55	9.37	8.69	9.06
11	8.44	8.08	8.23	8.91	8.08	8.61	9.14	8.13	8.64	9.39	8.78	9.10
12	8.62	7.95	8.28	8.62	7.62	8.11	9.26	8.38	8.84	9.44	9.09	9.26
13	9.23	8.08	8.58	8.78	7.90	8.33	9.10	8.35	8.69	9.37	8.77	9.06
14	9.07	8.21	8.60	9.07	8.05	8.54	8.91	8.09	8.47	8.80	8.39	8.61
15	9.14	8.02	8.49	9.93	8.38	9.03	8.93	8.48	8.75	8.81	8.39	8.62
16	9.14	8.12	8.57	9.82	8.62	9.09	9.09	8.58	8.81	8.96	8.39	8.68
17	9.18	8.09	8.55	9.16	8.33	8.73	8.83	8.31	8.61	9.49	8.45	9.07
18	9.31	8.45	8.87	9.13	8.43	8.81	8.88	8.31	8.62	9.93	8.87	9.45
19	9.17	8.09	8.51	9.12	8.27	8.66	9.15	8.36	8.81	9.50	8.78	9.15
20	8.36	7.70	8.02	8.71	8.40	8.55	9.24	8.54	8.93	9.59	8.78	9.21
21	8.42	7.92	8.18	9.05	8.56	8.83	8.69	8.20	8.43	9.30	8.56	8.91
22	8.55	8.21	8.34	8.77	8.34	8.64	9.09	7.94	8.52	9.16	8.42	8.79
23	8.75	8.36	8.55	9.04	8.30	8.70	10.03	8.53	9.21	9.18	8.34	8.77
24	8.89	8.50	8.67	9.07	8.50	8.79	9.45	8.68	9.10	9.22	8.47	8.85
25	9.18	8.71	8.99	9.02	8.41	8.71	8.96	8.30	8.62	9.35	8.61	8.99
26	9.18	8.73	8.99	8.97	8.28	8.63	8.99	8.18	8.59	9.50	8.91	9.22
27	8.94	8.17	8.47	8.92	8.35	8.65	8.92	8.19	8.58	9.48	8.97	9.26
28	8.91	7.96	8.41	9.42	8.34	8.88	8.85	8.31	8.59	8.97	8.61	8.79
29	9.08	8.30	8.67	9.56	8.75	9.15	8.94	8.18	8.55	8.70	8.43	8.54
30	---	---	---	9.52	8.68	8.99	9.17	8.52	8.84	8.94	8.50	8.71
31	---	---	---	9.08	8.22	8.63	---	---	---	9.10	8.59	8.87
MONTH	9.31	7.21	8.30	9.93	7.62	8.67	10.03	7.44	8.69	9.98	8.34	9.03
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	9.52	8.61	9.10	9.20	8.16	8.69	9.21	8.32	8.78	9.03	8.61	8.80
2	9.34	8.44	8.96	9.30	8.15	8.76	9.06	8.27	8.73	9.12	8.47	8.79
3	9.32	8.34	8.85	9.50	8.26	8.91	8.94	8.55	8.75	8.90	8.44	8.72
4	9.29	8.26	8.78	9.49	8.46	9.00	8.74	8.42	8.61	9.09	8.52	8.83
5	9.22	8.28	8.75	9.34	8.57	8.98	8.58	8.34	8.46	9.28	8.66	8.99
6	9.01	8.17	8.59	8.98	8.50	8.78	8.78	8.34	8.57	9.21	8.40	8.86
7	8.96	8.11	8.52	8.72	8.36	8.58	9.02	8.52	8.74	9.42	8.41	9.01
8	9.05	8.25	8.68	8.67	8.34	8.52	9.07	8.40	8.77	9.96	8.97	9.51
9	9.16	8.48	8.87	8.88	8.37	8.64	9.09	8.30	8.74	10.12	9.13	9.68
10	9.23	8.89	9.09	9.01	8.28	8.71	8.96	8.29	8.70	9.79	8.92	9.44
11	9.08	8.62	8.88	8.84	8.10	8.53	9.08	8.21	8.64	9.85	8.90	9.39
12	8.95	8.48	8.78	8.82	8.01	8.50	8.99	8.24	8.66	9.81	9.09	9.50
13	9.06	8.46	8.80	8.63	7.92	8.33	9.21	8.33	8.81	9.47	8.95	9.26
14	9.32	8.49	8.95	8.57	7.83	8.25	9.34	8.51	8.97	9.40	8.94	9.18
15	9.20	8.51	8.86	8.67	7.76	8.22	9.16	8.45	8.83	9.27	8.88	9.06
16	9.67	8.51	9.19	8.84	7.91	8.40	8.95	8.32	8.61	9.26	8.87	9.07
17	9.70	8.78	9.24	8.83	7.98	8.42	8.87	8.34	8.62	9.32	8.87	9.13
18	9.48	8.67	9.07	8.77	7.98	8.39	8.84	8.38	8.61	9.62	9.03	9.36
19	9.50	8.61	9.07	8.57	7.98	8.29	8.58	8.32	8.46	9.82	9.06	9.46
20	9.38	8.58	8.97	8.62	7.89	8.26	8.63	8.29	8.49	9.63	8.79	9.24
21	9.21	8.50	8.85	8.63	8.01	8.34	8.71	8.30	8.51	9.81	8.97	9.38
22	8.83	8.32	8.57	8.71	8.23	8.49	9.01	8.31	8.70	10.00	9.02	9.53
23	8.69	8.09	8.41	8.74	8.23	8.47	9.34	8.34	8.85	10.05	8.91	9.55
24	8.75	8.25	8.49	8.54	8.15	8.35	9.28	8.42	8.86	9.68	8.77	9.30
25	8.72	8.34	8.54	8.74	8.22	8.47	9.32	8.41	8.93	9.45	8.36	9.03
26	8.85	8.33	8.57	8.99	8.23	8.64	9.42	8.45	8.96	8.78	8.06	8.40
27	8.94	8.31	8.66	9.03	8.18	8.66	9.42	8.45	8.99	8.70	8.18	8.46
28	9.09	8.31	8.73	9.15	8.17	8.68	9.39	8.46	8.94	8.73	8.32	8.52
29	9.04	8.13	8.67	9.29	8.17	8.78	9.03	8.42	8.76	9.01	8.51	8.75
30	9.08	8.13	8.65	9.25	8.26	8.80	8.86	8.28	8.52	9.19	8.62	8.91
31	---	---	---	9.38	8.30	8.85	9.26	8.68	9.04	---	---	---
MONTH	9.70	8.09	8.80	9.50	7.76	8.57	9.42	8.21	8.73	10.12	8.06	9.10

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1994 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1994 to current year.

WATER TEMPERATURES: January 1994 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 40,800 microsiemens, May 18, 2000; minimum, 1,560 microsiemens, on July 27, 1994.

WATER TEMPERATURES: Maximum, 35.3°C, July 6, 1998; minimum, 2.3°C, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 40,800 microsiemens/cm, May 18; minimum, 15,800 microsiemens/cm, Aug. 6.

WATER TEMPERATURE: Maximum, 34.1°C, Sept. 5; minimum, 8.3°C, Jan. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23900	20200	21800	25100	19700	22000	26000	24100	25300	25800	19700	22400
2	24600	21500	23000	19800	17300	18500	29000	24800	26300	26800	21200	23100
3	25400	22000	24200	22200	17300	19900	32200	26500	28900	30300	23100	25500
4	25800	23300	24700	21400	18700	20100	33700	26800	30800	26900	20900	23200
5	27300	20500	25200	20700	18800	19800	33200	26600	29200	22300	20100	20800
6	26800	20400	25200	21600	19500	20500	29700	25100	26400	23300	20500	21900
7	26200	24900	25600	21600	17700	20000	28800	24800	27000	23500	19600	21600
8	29300	25900	27000	23400	19100	20800	28600	25200	27000	25200	21600	22800
9	28400	21900	23900	23800	20600	22200	30200	26000	27400	26700	22200	24300
10	22100	19800	20900	26100	22100	23500	30200	24800	26800	28400	21500	24200
11	21100	18200	19300	27300	21100	24100	28400	25400	27100	25400	20400	23100
12	21600	18800	20100	27400	20200	23400	31100	27200	28500	24300	21000	22900
13	21300	18000	19500	26200	22200	24200	31400	25900	27600	25200	20500	23100
14	21000	18300	19600	26600	21200	23900	27800	24700	26300	23300	19400	20200
15	21200	18500	19800	23800	20300	21500	28100	23700	25700	26500	23300	25100
16	21700	18500	20000	24700	22000	23600	26000	23600	24500	25600	21200	23700
17	21800	18000	20000	25100	23300	24100	26700	24900	25700	27700	20500	24000
18	18800	17000	18100	26000	24100	25000	27500	25600	26400	27700	21500	24200
19	20100	17000	18900	26300	23100	25000	27300	23400	25500	27500	22000	24100
20	17600	16300	17000	26400	24800	25200	27300	23800	25000	28100	21800	24000
21	19400	16400	18500	28900	22200	25700	25300	21000	22600	25300	20800	23500
22	19800	18500	19200	29400	25300	27300	24300	20300	22500	29500	24200	26100
23	20100	16800	18300	29900	25100	27700	24100	21200	22500	29800	22100	25700
24	19000	16800	17700	29900	22700	26500	23500	21300	22300	26400	21100	23200
25	19600	17300	18500	29700	22600	25600	23000	20400	21700	21700	20900	21400
26	20300	17400	18800	26600	21400	23700	22800	20800	21500	22200	20100	20900
27	21000	17200	19200	26800	22500	24200	22200	20200	21100	25200	21800	22700
28	21900	17600	19800	26900	22200	24500	21800	20000	20500	26200	23800	25000
29	22500	19300	20800	26300	21300	23500	23000	18600	20300	24000	19900	21600
30	23800	20800	22000	24900	21100	21900	23000	18500	21000	22000	18900	20800
31	24800	20200	22200	---	---	---	25200	19800	21800	21800	19800	20800
MONTH	29300	16300	20900	29900	17300	23300	33700	18500	25000	30300	18900	23100

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	23000	20600	21400	32900	27000	29800	31600	24500	28400	---	---	---
2	23500	20400	22000	32300	26200	28400	32800	26400	28000	---	---	---
3	24400	21500	22600	32800	27700	29500	34700	24900	29900	---	---	---
4	24700	21200	22400	30900	26700	28600	28700	23700	25300	---	---	---
5	24000	20600	21800	30000	26000	27900	25900	23100	24400	---	---	---
6	23000	21400	22000	30700	27000	29000	25900	24200	25000	---	---	---
7	23600	21800	22600	31500	23700	29000	30900	24300	26200	---	---	---
8	24500	22500	23400	33000	27600	29800	26400	22600	23900	---	---	---
9	24300	21500	22800	32000	24100	28500	25600	22900	24000	---	---	---
10	26900	22100	24200	36100	22200	27900	28700	24100	25600	36200	27700	32400
11	25700	23200	24200	31400	26600	29100	30200	24600	26800	36800	28600	32600
12	28100	23100	25100	30100	26600	27800	31900	25600	28000	36700	29800	33500
13	33100	25900	28200	30800	26700	28900	28700	25100	26800	35100	28500	31800
14	31000	27400	28900	32700	27700	29600	28000	23500	25700	31700	27800	28800
15	31900	24100	27500	36200	28900	32100	29200	24700	26300	32600	28100	30000
16	31900	26700	29300	33900	28200	31100	30000	25200	27100	32700	28300	30600
17	32300	26600	28700	31600	26700	28900	25200	22800	24100	36500	28600	33200
18	33300	30600	31700	32200	27200	29200	26400	17000	22500	40800	31700	37200
19	32500	25600	28700	28100	23000	25000	29000	22600	25000	39700	35400	37500
20	27100	24400	25200	23400	21100	22500	31400	25000	27000	40500	32700	36900
21	27100	25600	26300	25100	18600	22600	27300	22200	23300	38000	29200	33100
22	28300	26500	27300	23700	20200	22400	27200	21700	23600	35200	28400	31000
23	29600	28000	28600	25000	20200	22100	34000	24100	28300	32700	28400	30300
24	34200	27000	29600	26200	21600	23500	28500	24800	26700	34400	28600	30800
25	36000	28600	31700	26000	20700	23200	31400	24100	26600	35100	29600	32200
26	33400	28200	30600	26200	22000	23600	28800	24300	26200	38200	32700	35300
27	34300	27600	30200	27700	21300	23600	---	---	---	37700	35600	36500
28	31200	25100	27800	27700	20800	23900	---	---	---	37400	29400	32200
29	33700	26700	29900	31300	22600	25700	---	---	---	29400	28600	29000
30	---	---	---	27900	23600	25400	---	---	---	31400	28900	30200
31	---	---	---	27200	23000	24600	---	---	---	35000	29600	32600
MONTH	36000	20400	26400	36200	18600	26900	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	38400	33300	36300	29400	27000	28000	28400	22400	25300	25700	20500	23600
2	39100	33800	36600	28500	26800	27400	27700	22200	24800	24800	20000	22200
3	36500	30200	33400	28200	26800	27300	26200	23200	24500	22900	19600	20900
4	35000	29300	31700	28200	27000	27500	25000	22000	22800	24900	21400	23000
5	34500	29500	31700	28600	27600	28000	22900	21600	22300	26600	22100	25300
6	31600	28700	30000	28700	28000	28400	22100	15800	20400	28700	21500	26800
7	31100	27800	29600	28000	26600	27500	24500	21000	23000	28100	21200	25800
8	31300	28500	30100	27000	24300	25800	26700	23100	24800	29200	25600	27300
9	34000	29400	31400	24900	20700	22700	27700	22900	24900	30200	25700	28000
10	35500	30800	32000	24600	23500	24300	27100	22200	24500	29000	22700	25900
11	35700	32900	34200	25000	24500	24800	25300	21900	23400	27900	22400	24700
12	35500	30600	33700	24900	22700	24400	26100	21700	23800	28900	22600	25800
13	35700	29900	32500	23700	23000	23400	26800	21400	24300	26300	21000	23600
14	39900	30200	34700	23800	22600	23200	27700	23600	25500	25100	21000	22500
15	37500	32000	34800	24200	20500	23200	27800	23500	25500	24200	20800	21900
16	39400	30700	35400	24900	22000	23500	24900	20500	22100	24500	21100	22700
17	40200	32100	36300	25200	21800	23100	23600	20400	21800	25200	21800	23600
18	39800	32000	36100	25600	21200	23100	23800	21600	22500	26200	23300	24800
19	40100	30800	35300	23500	21500	22400	22900	20800	21300	27400	23100	25600
20	39800	30600	35200	22800	20900	21700	22200	20900	21300	26700	22200	25000
21	37900	30100	33900	23200	21300	22100	22400	21400	21900	28500	21800	25300
22	34300	29300	31600	24400	22000	22800	23700	20200	22200	28700	21800	25600
23	34000	30500	31600	25000	20200	23400	24300	20200	22400	28600	22100	25600
24	33100	21500	28100	22300	19800	20700	24400	19600	22400	26700	21700	24000
25	32200	21900	27800	23000	21100	22200	24800	20800	22900	23900	20500	22300
26	30000	22600	27500	25700	21400	23900	26100	21300	23400	21800	19200	20700
27	31000	26100	29200	27100	22200	24900	26800	20900	23700	21500	19600	20400
28	33100	28300	30200	28100	22400	25300	26800	20900	23600	21700	20300	21100
29	31800	27100	29500	29600	22000	25900	23600	20300	21900	22800	21000	21700
30	30400	26800	28500	28600	22400	25700	22600	20100	20900	24300	22200	23200
31	---	---	---	28600	22000	25400	27800	20700	24400	---	---	---
MONTH	40200	21500	32300	29600	19800	24600	28400	15800	23200	30200	19200	24000

MISSISSIPPI RIVER DELTA

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.1	21.2	22.7	22.7	19.6	21.9	14.5	12.1	13.4	18.9	16.3	17.6
2	24.7	22.0	23.5	20.0	16.3	18.7	16.7	13.8	15.3	20.9	18.2	19.5
3	26.6	24.4	25.5	17.3	15.8	16.6	18.9	16.4	17.6	22.0	20.4	21.1
4	27.5	26.0	26.6	18.0	15.3	16.6	20.7	18.1	19.4	21.6	14.0	18.2
5	26.7	24.9	25.8	19.8	16.5	18.3	20.5	17.0	19.2	14.8	12.3	13.5
6	24.9	22.5	23.6	20.3	17.7	19.2	17.0	14.1	15.4	13.3	10.8	12.3
7	26.0	23.4	24.7	20.2	18.4	19.4	15.1	12.8	14.1	13.7	11.9	12.9
8	25.9	25.2	25.5	21.6	18.6	20.3	16.1	14.1	15.2	16.2	12.8	14.2
9	25.6	24.8	25.1	22.8	20.5	21.6	18.9	15.7	17.3	19.0	16.0	17.5
10	25.3	24.8	25.0	23.7	22.0	22.8	18.6	16.2	17.3	19.7	18.2	19.0
11	25.5	24.6	25.0	24.6	22.8	23.5	17.7	15.8	16.6	20.1	18.1	18.9
12	26.3	24.7	25.4	23.6	21.4	22.2	19.6	17.5	18.5	20.8	19.1	19.9
13	27.8	25.3	26.4	22.0	20.4	21.3	19.6	16.7	18.3	22.2	19.6	20.9
14	28.3	26.1	27.0	23.0	20.8	21.8	18.4	15.8	16.9	19.6	14.0	16.6
15	27.7	26.1	26.9	22.3	19.8	21.2	17.0	14.4	15.9	14.5	12.1	13.4
16	28.2	25.6	26.8	20.5	18.2	19.2	14.4	12.6	13.4	17.0	13.9	15.5
17	28.1	26.4	27.2	19.6	17.2	18.3	13.5	11.7	12.6	19.2	15.9	17.4
18	27.1	24.4	25.6	19.0	17.0	18.0	13.5	12.6	13.1	19.5	18.0	18.7
19	24.4	22.2	23.6	19.8	17.4	18.7	13.6	12.2	12.8	20.8	18.6	19.7
20	22.6	20.2	21.4	21.1	18.9	20.1	13.3	11.9	12.7	20.4	17.2	19.4
21	20.5	17.9	19.2	22.7	20.4	21.6	12.9	10.9	12.3	17.2	13.7	15.2
22	20.2	17.9	19.0	23.4	21.9	22.6	12.6	10.6	11.3	15.8	12.7	14.1
23	21.6	18.8	19.9	24.0	22.4	23.1	12.8	9.6	11.2	18.2	15.8	17.0
24	19.0	17.1	18.1	23.8	22.6	23.2	14.2	9.9	11.8	18.0	14.2	15.9
25	19.1	15.8	17.7	22.6	17.3	20.5	12.5	9.9	11.2	14.2	11.6	12.9
26	20.6	17.5	18.9	18.8	16.2	17.5	12.8	9.9	11.2	12.3	9.9	10.8
27	22.5	18.9	20.2	17.2	15.4	16.3	13.6	10.9	11.8	10.1	8.3	9.1
28	22.5	19.8	21.0	17.9	15.7	16.9	13.3	10.4	11.6	11.0	8.6	10.0
29	22.1	20.5	21.4	18.0	16.2	17.3	14.2	10.7	11.9	10.3	9.5	9.9
30	23.4	21.6	22.5	17.1	13.6	15.6	15.4	12.1	13.8	10.5	8.6	9.5
31	23.5	22.2	22.9	---	---	---	17.7	14.3	16.0	10.2	8.6	9.6
MONTH	28.3	15.8	23.4	24.6	13.6	19.8	20.7	9.6	14.5	22.2	8.3	15.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.9	8.8	9.4	23.2	21.0	21.9	23.5	22.4	23.0	25.5	23.4	24.5
2	11.4	9.1	10.1	24.2	21.9	23.0	25.3	23.2	24.0	26.3	23.9	25.1
3	13.3	10.3	11.7	24.4	22.7	23.3	24.9	22.3	24.2	25.7	24.2	24.8
4	15.4	11.6	13.0	23.3	20.2	21.3	22.3	18.6	20.3	---	---	---
5	13.6	10.6	11.7	21.2	18.4	20.0	20.7	18.2	19.3	---	---	---
6	12.5	10.0	11.2	21.7	19.5	20.6	20.8	19.4	20.0	---	---	---
7	13.5	11.4	12.4	22.7	20.3	21.4	22.9	19.9	21.1	---	---	---
8	15.9	13.2	14.3	24.8	21.1	22.6	22.4	18.1	21.2	---	---	---
9	16.7	14.2	15.1	25.1	22.9	23.9	18.5	16.5	17.6	---	---	---
10	18.4	14.5	16.5	26.2	23.1	24.6	20.2	17.0	18.5	28.8	26.4	27.7
11	19.7	18.0	18.8	24.9	20.7	23.8	22.8	19.5	20.9	29.3	27.4	28.3
12	22.1	18.7	20.1	20.7	16.9	18.6	25.0	22.0	23.5	29.5	27.4	28.4
13	22.1	20.5	21.5	20.1	16.7	18.6	24.9	23.1	23.9	29.7	27.4	28.3
14	22.9	21.1	22.0	19.2	18.1	18.7	23.9	21.6	22.8	28.5	26.4	27.2
15	23.0	21.1	22.1	19.1	18.6	18.9	25.1	21.9	23.6	27.9	25.6	26.7
16	23.4	21.7	22.5	21.6	18.9	20.1	26.6	23.6	24.9	28.9	26.1	27.3
17	24.1	22.5	23.3	22.6	20.8	21.7	26.3	24.3	25.3	28.0	25.8	27.0
18	24.7	23.3	23.8	22.5	21.0	22.0	27.6	24.4	26.0	27.5	25.2	26.5
19	24.3	22.0	23.6	21.5	18.5	20.5	28.1	25.5	26.6	29.3	26.6	27.7
20	22.0	18.2	19.5	20.3	17.8	18.8	26.8	25.0	25.8	28.6	27.4	27.9
21	19.0	16.8	17.9	20.6	17.8	19.3	27.0	24.0	25.2	28.2	26.9	27.7
22	19.8	16.8	18.1	22.9	19.7	21.0	24.6	22.6	23.8	29.8	26.7	28.1
23	20.5	18.1	19.2	23.5	20.9	22.1	24.0	21.8	23.0	30.0	27.4	28.7
24	23.2	20.3	21.6	24.0	21.9	22.7	25.2	22.8	23.7	30.0	28.0	29.0
25	23.2	21.0	22.1	25.4	22.2	23.6	24.3	22.0	23.5	30.5	28.5	29.5
26	23.3	21.8	22.6	25.4	23.0	24.2	25.2	21.7	23.5	30.2	28.5	29.5
27	22.6	19.9	21.0	24.5	22.8	23.8	25.1	23.1	24.0	30.1	28.6	29.4
28	21.2	18.9	20.2	24.8	22.2	23.6	26.3	23.6	24.7	30.4	28.6	29.6
29	21.9	19.0	20.6	24.5	23.6	24.1	26.8	23.6	25.1	30.8	28.8	29.7
30	---	---	---	26.9	23.9	25.2	26.2	24.5	25.5	30.8	28.8	29.8
31	---	---	---	24.6	22.7	23.7	---	---	---	29.9	27.5	28.9
MONTH	24.7	8.8	18.1	26.9	16.7	21.9	28.1	16.5	23.1	---	---	---

07381338 BAYOU TERREBONNE AT BUSH CANAL, SOUTH OF CHAUVIN, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.1	27.0	28.1	30.5	29.2	29.9	28.3	27.6	27.9	32.8	30.4	31.3
2	30.0	27.8	28.8	29.2	28.6	28.9	29.4	27.2	27.9	32.1	28.9	30.6
3	31.1	28.4	29.5	30.6	28.3	29.3	28.6	27.9	28.3	32.4	30.2	31.2
4	30.7	28.7	29.7	31.0	28.9	29.9	29.3	27.5	28.3	32.9	31.3	32.1
5	30.2	28.8	29.5	31.7	29.3	30.4	30.1	28.0	29.1	34.1	31.1	32.1
6	29.3	28.0	28.7	33.9	29.8	31.5	32.2	28.9	30.4	31.1	28.9	30.0
7	28.4	26.8	27.8	32.2	29.7	31.0	32.1	29.9	31.0	28.9	25.8	27.4
8	29.3	26.7	27.9	32.1	30.3	31.2	31.8	29.5	30.6	27.8	26.4	27.2
9	30.4	27.9	29.1	31.5	29.9	30.8	32.6	29.6	31.1	27.5	25.8	26.7
10	29.5	28.4	29.0	31.8	30.2	31.0	31.8	29.0	30.7	30.4	27.0	28.2
11	29.8	28.3	29.0	32.2	30.4	31.3	31.4	26.7	28.7	30.3	28.6	29.3
12	29.8	28.1	29.2	32.9	30.6	31.6	32.1	29.3	30.3	30.9	28.8	29.9
13	30.2	28.0	29.1	32.7	30.2	31.4	31.6	29.5	30.6	30.3	29.1	29.6
14	29.9	27.3	29.1	32.9	30.3	31.5	31.2	29.5	30.4	30.8	28.8	29.4
15	29.8	28.3	29.1	33.9	29.9	31.7	31.1	29.7	30.4	31.0	28.4	29.7
16	29.4	27.2	28.1	33.1	31.2	32.1	32.1	29.7	30.7	30.4	26.8	28.4
17	28.7	26.8	27.8	32.4	31.1	31.5	32.6	29.9	31.0	26.8	24.5	25.6
18	30.8	27.7	29.0	31.8	30.2	31.0	33.5	31.2	32.3	27.2	24.4	25.6
19	30.8	28.9	29.8	31.1	29.9	30.5	32.9	31.3	32.1	27.7	25.6	26.6
20	31.5	28.8	30.1	32.2	29.4	30.6	32.5	30.8	31.6	29.2	27.0	28.0
21	31.3	29.4	30.5	32.6	30.4	31.5	32.3	30.1	31.4	29.4	28.1	28.6
22	32.3	29.5	30.8	33.1	30.6	31.6	31.6	28.9	30.2	28.9	27.3	28.1
23	33.2	29.8	31.4	31.6	28.2	29.5	30.0	27.4	28.6	29.9	27.9	28.8
24	33.0	30.6	31.5	30.3	27.5	28.6	29.3	27.6	28.6	30.5	28.5	29.4
25	32.5	30.4	31.5	30.2	27.8	29.0	31.2	28.0	29.4	30.1	26.2	29.0
26	32.1	29.8	30.9	31.0	28.5	29.7	32.5	29.7	30.8	26.2	21.2	23.4
27	31.0	28.7	30.1	30.9	29.1	30.2	32.5	30.5	31.4	22.9	20.6	21.9
28	30.7	29.3	30.0	31.7	29.6	30.4	32.7	30.7	31.5	23.6	21.3	22.4
29	30.6	28.9	29.8	32.1	30.1	30.9	33.2	30.6	32.0	24.2	21.8	23.0
30	30.9	29.3	30.0	31.5	29.5	30.1	32.6	29.8	31.4	25.0	22.5	23.7
31	---	---	---	29.5	28.2	28.7	32.9	30.4	31.5	---	---	---
MONTH	33.2	26.7	29.5	33.9	27.5	30.6	33.5	26.7	30.3	34.1	20.6	27.9

MISSISSIPPI RIVER DELTA

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA

LOCATION.--Lat. 29°15'08", Long. 90°55'18", T. 21 S., R. 15 E., Mechant, La., Terrebonne Parish, Hydrologic Unit 08090302, on dock at Wildlife and Fisheries camp 9.0 mi. southwest of Bayou Du Large and 13 mi. 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 (by Global Positioning System). Prior to Oct. 1, 1998, datum of gage was 0.02 ft above NAVD 88.

REMARKS.--Elevations affected by wind and tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 3.69 ft, Apr. 5, 1997; minimum recorded, -1.52 ft, Dec. 31, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.89 ft, Oct. 8; minimum elevation, -1.20 ft, Feb. 5.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.16	.85	1.55	1.71	.63	1.14	1.10	.59	.79	1.08	-.26	.50
2	2.17	.82	1.58	1.06	-.59	.28	1.78	.57	1.08	1.16	-.22	.53
3	2.16	1.05	1.63	1.02	.35	.68	1.78	.89	1.45	1.55	.08	.90
4	2.17	.79	1.60	1.02	.48	.63	1.97	1.16	1.57	1.35	-.95	-.17
5	1.83	.99	1.46	.89	.05	.51	1.97	.51	1.15	.93	-1.06	-.09
6	1.90	1.16	1.56	1.18	.19	.77	1.45	-.56	.42	1.12	-.72	.30
7	2.28	1.30	1.97	1.15	-.08	.65	1.57	-.06	.84	1.15	-.72	.18
8	2.89	1.96	2.47	1.58	.06	.89	1.48	.12	.88	1.51	-.27	.60
9	2.41	1.55	1.98	1.67	.21	.98	1.78	.12	.97	1.57	-.05	.76
10	2.05	1.20	1.57	1.85	.50	1.24	1.67	-.34	.60	1.69	-.10	.70
11	1.76	.75	1.34	1.85	.45	1.14	1.71	.00	.82	1.04	-.07	.51
12	1.83	1.05	1.55	1.50	.08	.81	2.05	.71	1.38	.83	.19	.52
13	1.85	.79	1.35	1.71	.32	1.03	1.87	-.27	.45	.83	-.24	.50
14	1.96	.67	1.34	1.71	.08	.90	1.22	.09	.60	.62	-1.17	-.31
15	2.08	.77	1.46	1.28	-.04	.67	1.17	-.51	.23	1.07	.32	.78
16	1.94	.73	1.43	1.23	.35	.80	.86	-.09	.30	.84	-.14	.41
17	2.02	.44	1.21	1.23	.52	.89	1.16	.26	.64	1.29	-.36	.54
18	1.24	.42	.84	1.30	.68	.97	1.15	.47	.77	1.24	-.32	.58
19	1.62	.24	.96	1.44	.67	.97	1.14	.05	.70	1.44	-.53	.52
20	.75	.06	.38	1.44	.70	1.07	1.01	-.29	.33	1.36	-.95	.22
21	.90	.38	.71	1.69	.40	1.13	.94	-.35	.44	1.31	-.83	.19
22	1.46	.75	1.05	1.78	.45	1.24	1.28	-.92	.25	1.55	.31	1.06
23	1.17	.00	.66	1.77	.34	1.21	1.13	-.75	.30	1.25	-.35	.51
24	1.10	-.12	.53	1.74	.00	.97	.93	-.98	.03	1.25	-.81	.07
25	1.23	-.02	.71	1.54	-.43	.74	.80	-.98	-.04	.56	-.29	.12
26	1.38	-.13	.74	1.53	-.42	.58	.84	-.76	.07	.28	-.62	-.15
27	1.52	-.22	.73	1.53	-.13	.75	.58	-.65	.04	.82	-.84	-.14
28	1.59	-.19	.76	1.47	-.10	.72	.53	-.74	-.03	.69	-.21	.29
29	1.69	.16	1.01	1.15	-.14	.51	.74	-.14	.23	.58	-.64	.05
30	2.05	.61	1.37	.86	.12	.35	.68	-.07	.29	.57	-.97	-.13
31	2.25	.29	1.32	---	---	---	.93	-.12	.47	.77	-.74	.05
MONTH	2.89	-.22	1.25	1.85	-.59	.84	2.05	-.98	.58	1.69	-1.17	.34

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	.80	-.66	.17	1.16	.08	.69	1.59	.79	1.22	1.88	.88	1.42
2	1.08	-.69	.18	1.20	-.21	.54	1.54	.67	1.14	1.75	.65	1.30
3	1.08	-.44	.31	1.35	.08	.82	1.76	.39	1.24	2.11	.68	1.49
4	.72	-.88	-.05	1.26	-.36	.40	.58	-.26	.13	1.93	.46	1.40
5	.58	-1.20	-.29	1.10	-.41	.36	1.11	-.12	.66	1.99	.43	1.39
6	.63	-.72	.04	1.12	.22	.62	1.20	.10	.75	2.11	.41	1.41
7	.63	-.55	.05	1.01	.39	.65	1.46	.11	.96	1.82	.44	1.26
8	.64	-.25	.24	1.13	.54	.80	1.22	-.81	.38	1.81	.39	1.23
9	.38	-.33	.10	1.13	.52	.88	1.41	-.90	.38	1.83	.41	1.22
10	.79	.07	.45	1.24	.42	1.00	1.58	-.12	.86	1.59	.47	1.11
11	.80	.23	.45	1.50	-.62	.63	1.43	-.08	.81	1.62	.71	1.23
12	1.03	.00	.55	1.14	-.89	.25	1.68	.20	1.03	1.71	1.10	1.37
13	1.64	.12	.91	1.18	-.26	.54	1.24	.21	.79	1.59	.68	1.12
14	1.09	.17	.73	1.45	-.16	.70	1.20	-.05	.64	1.15	.34	.74
15	1.60	-.36	.69	2.25	.25	1.27	1.24	.55	.96	1.20	.57	.86
16	1.39	-.09	.77	1.77	.53	1.19	1.43	.61	1.00	1.28	.36	.97
17	1.59	-.20	.76	1.42	-.02	.80	1.18	.41	.82	1.75	.65	1.30
18	1.59	.01	.95	1.42	.25	.85	1.13	.33	.79	2.14	.59	1.55
19	1.50	-.32	.50	1.54	.19	.71	1.48	.49	1.07	1.78	.58	1.26
20	.64	-.59	.13	1.10	.53	.82	1.60	.33	1.16	1.88	.61	1.36
21	.80	-.19	.38	1.38	.51	.96	1.14	-.14	.68	1.67	.27	1.01
22	.78	.23	.56	1.07	.28	.71	1.67	-.24	.92	1.41	.22	.91
23	1.15	.34	.72	1.22	.31	.81	2.48	.61	1.61	1.60	.19	1.02
24	1.03	.34	.77	1.28	.33	.87	1.92	.42	1.39	1.62	.42	1.05
25	1.46	.60	1.07	1.24	.26	.82	1.62	.10	.96	1.64	.57	1.21
26	1.46	.52	1.02	1.46	.21	.86	1.71	.17	1.04	1.72	.88	1.37
27	.94	-.05	.45	1.73	.46	1.02	1.37	.12	.92	1.68	.99	1.35
28	1.26	-.27	.55	1.80	.17	1.15	1.34	.51	.96	1.30	.64	.95
29	1.30	.26	.86	1.79	.62	1.32	1.35	.21	.91	.99	.48	.71
30	---	---	---	1.50	.54	1.02	1.66	.80	1.24	1.09	.45	.81
31	---	---	---	1.38	-.12	.70	---	---	---	1.37	.35	1.00
MONTH	1.64	-1.20	.48	2.25	-.89	.80	2.48	-.90	.91	2.14	.19	1.17
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.79	.34	1.22	1.59	-.14	.94	1.76	.17	1.08	1.42	.55	1.04
2	1.71	-.03	1.10	1.77	-.02	1.10	---	---	---	1.64	.45	.95
3	1.72	-.07	1.01	1.91	.06	1.22	---	---	---	1.15	.30	.82
4	1.74	-.10	1.02	1.81	.34	1.24	1.08	.66	.97	1.51	.48	.98
5	1.80	.02	1.01	1.66	.56	1.22	1.03	.47	.74	1.71	.46	1.18
6	1.24	-.19	.66	1.36	.58	1.06	1.27	.42	.84	1.68	.31	.97
7	1.27	-.20	.59	1.16	.49	.87	---	---	---	1.92	.86	1.40
8	1.34	.22	.89	1.09	.56	.81	1.53	.38	1.00	2.19	.84	1.60
9	1.41	.49	1.03	1.34	.47	.96	---	---	---	2.55	1.05	1.89
10	1.49	.95	1.22	1.49	.36	1.02	---	---	---	1.99	.67	1.48
11	1.37	.70	1.06	1.30	.19	.85	---	---	---	1.81	.83	1.44
12	1.28	.51	.99	1.33	.00	.78	---	---	---	1.92	1.01	1.57
13	1.43	.36	.99	1.21	-.08	.66	---	---	---	1.66	.91	1.35
14	1.74	.49	1.20	1.06	-.23	.59	---	---	---	1.57	.94	1.36
15	1.59	.43	1.08	.94	-.14	.51	---	---	---	1.68	.94	1.28
16	2.15	.51	1.42	1.32	-.10	.75	---	---	---	1.60	.88	1.21
17	2.04	.50	1.40	1.36	-.11	.72	1.06	.24	.76	1.72	.86	1.40
18	1.82	.50	1.25	1.20	-.11	.71	1.03	.35	.79	1.96	1.09	1.59
19	1.87	.47	1.27	.97	-.11	.56	.87	.40	.68	2.02	.86	1.53
20	1.83	.40	1.18	.98	-.06	.59	1.02	.33	.70	1.75	.35	1.12
21	1.65	.42	1.06	1.01	.08	.66	1.12	.27	.74	1.90	.53	1.28
22	1.25	.31	.81	1.10	.30	.83	1.31	.03	.78	2.12	.76	1.50
23	1.08	.17	.72	1.51	.43	.84	1.67	.22	1.03	2.28	.57	1.51
24	1.14	.46	.78	1.01	.30	.71	1.62	.16	.99	1.77	.30	1.17
25	1.26	.58	.88	---	---	---	1.64	.19	1.05	1.50	-.42	.87
26	1.38	.46	.91	---	---	---	1.74	.18	1.09	1.06	-.45	.44
27	1.42	.37	.96	1.41	.12	.95	1.76	.20	1.14	.96	.28	.63
28	1.60	.27	1.08	1.60	.11	.99	1.65	.24	1.09	.96	.29	.66
29	1.57	-.10	.97	1.88	.11	1.15	1.32	.16	.94	1.32	.48	.94
30	1.67	-.05	.93	2.01	.10	1.17	.96	.20	.71	1.54	.46	1.08
31	---	---	---	1.73	.17	1.11	1.53	.52	1.19	---	---	---
MONTH	2.15	-.20	1.02	---	---	---	---	---	---	2.55	-.45	1.21

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1992 to current.

WATER TEMPERATURES: July 1992 to current.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 44,400 microsiemens, June 2, 2000; minimum recorded, 588 microsiemens, July 4, 1997.

WATER TEMPERATURES: Maximum recorded, 34.2 oC, Aug. 12, 1998, 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, 44,400 microsiemens/cm, June 2; minimum, 11,400 microsiemens/cm, July 15.

WATER TEMPERATURE: Maximum, 34.0°C, Aug. 28; minimum, 8.1°C, Jan. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	37300	31600	34200	35100	30600	33200	36600	33100	34600	26200	24600	25400
2	37500	33600	35300	30900	25100	28200	38000	35000	36100	26100	25400	25800
3	38300	34300	36100	30700	25700	28000	40200	38000	39200	27800	26100	26900
4	37700	35500	36700	31600	29900	30400	40300	38700	39400	28000	24900	26800
5	36500	33400	35400	30300	27900	29600	40200	38400	39200	24900	23800	24100
6	37800	34300	36100	32600	29600	30500	38400	33700	35400	24900	23800	24500
7	39400	36500	38000	32500	27400	29900	39100	36600	37600	26000	24900	25400
8	41600	36900	39800	34000	27900	30800	39900	37800	38700	27100	26000	26700
9	40100	34800	37200	35000	30700	32900	38800	35900	37100	27900	27100	27600
10	36200	31700	34200	38400	33900	35300	36600	32400	34500	28700	27000	28100
11	31700	28600	30100	38600	32800	35700	36300	34800	35600	27800	25300	26800
12	31300	30000	30500	36000	29300	31700	37600	36000	37100	27900	26300	26900
13	30600	28300	29400	34000	31200	32700	37800	32900	35100	26900	26300	26700
14	29800	25300	27800	34900	30400	32700	34600	32900	33400	26400	25200	25700
15	27600	26600	27100	33000	27600	30400	36900	31400	33600	27300	25600	26400
16	30100	26400	28300	29700	27600	29000	31900	31200	31400	28500	27300	28100
17	30300	25300	27800	31500	29000	30700	33200	31900	32600	28900	28500	28700
18	27600	24600	26100	32200	30600	31600	33800	33200	33700	29700	28900	29400
19	29200	24800	27500	32600	31200	31900	33700	31900	32700	30400	29700	30100
20	28600	23000	25100	33400	31500	32400	33400	31600	32200	30500	30100	30400
21	28800	25900	27800	35500	28000	31400	31600	29900	30600	30100	29500	29800
22	30100	25900	28000	36000	32900	34600	29900	28500	29200	30100	29500	29800
23	29500	23400	25800	36800	34000	35300	28600	27700	28300	30400	30100	30300
24	28900	22500	25500	36700	31400	33900	27900	26200	27400	30500	30000	30300
25	30200	24300	27500	36100	29900	32700	26200	25100	25700	30000	29300	29700
26	30400	24500	27900	33100	27600	30100	25900	24800	25400	29300	28600	29100
27	30400	24900	27700	33900	28600	31200	25000	23900	24600	28600	28400	28500
28	31300	26200	28600	34100	29600	31800	24200	22900	23600	28500	28300	28400
29	33400	29800	31100	33000	27100	30000	23800	22900	23300	28300	27600	28000
30	34800	31400	33300	33300	28500	30400	25100	23800	24600	27600	24300	26100
31	36500	32400	34300	---	---	---	26100	24900	25400	26900	25000	25900
MONTH	41600	22500	31000	38600	25100	31600	40300	22900	32200	30500	23800	27600

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	26100	24300	25300	35500	33900	34700	27600	27200	27500	35700	32600	34600
2	25800	24800	25400	34400	33100	33700	27500	26400	27200	35300	33300	34400
3	25700	23200	25100	33200	33000	33100	27600	26200	27100	37400	33300	35700
4	25600	20700	23800	33900	32500	33100	27400	25900	26800	38800	34200	37200
5	24600	21500	23000	32700	32100	32400	25900	25500	25600	39100	35400	37300
6	25000	21900	24100	33200	32200	32700	25900	25600	25700	38300	36900	37500
7	25500	23600	24800	33200	31900	32600	26500	25400	25800	38400	37700	38000
8	25400	23600	25000	32500	31500	31900	26400	22800	25100	38200	37400	37600
9	25900	22900	24800	31500	31100	31200	22800	21600	22100	37600	37200	37400
10	25300	24200	24800	31400	31100	31200	23200	22400	22700	37500	37300	37400
11	26500	24800	26200	31300	30700	31200	23900	23200	23400	37600	37400	37500
12	26600	24500	26100	30700	29700	29900	24600	23900	24200	37900	37500	37600
13	27100	24600	26200	29900	29700	29800	24900	24600	24800	38200	37700	38000
14	27500	26400	26900	30200	29900	30000	25000	23600	24100	37800	36200	36800
15	27500	23800	26200	30300	29900	30100	---	---	---	37000	36700	36800
16	28400	24700	26900	30600	30100	30400	---	---	---	37500	36500	36900
17	29800	25500	27900	32600	29800	30600	---	---	---	40400	36400	37900
18	30600	27500	29600	35000	29300	30600	---	---	---	42400	38000	41000
19	30900	28100	30000	35000	31600	33400	---	---	---	41300	40200	40700
20	---	---	---	33000	30000	30900	34600	27100	32200	40300	38700	39600
21	---	---	---	33300	31400	32500	27100	22200	24900	39400	38200	38800
22	---	---	---	32500	27100	29900	36000	20400	26900	38800	35800	37000
23	---	---	---	32600	27600	29600	41200	31100	35000	38800	34800	36800
24	---	---	---	31400	28300	29700	37700	32300	36300	38900	35500	37200
25	44200	39200	41900	31000	27100	28800	33600	26500	29400	38200	36000	37100
26	43300	36400	40400	33600	29200	30300	34000	23300	28200	40400	38000	38900
27	36400	34800	35200	32800	28500	30400	31800	21100	26600	41600	40200	40700
28	36600	35100	35700	32000	29800	30600	34300	22400	26400	40700	38000	39300
29	37500	34400	36300	32600	30700	31600	29800	18300	23400	38200	34400	36100
30	---	---	---	33100	29800	32500	32600	26700	29900	36200	34400	35100
31	---	---	---	29800	27100	27700	---	---	---	39100	34700	37900
MONTH	---	---	---	35500	27100	31200	---	---	---	42400	32600	37600
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	43500	38000	40900	33500	23200	28400	23500	23200	23300	27600	19200	23700
2	44400	40000	42200	31600	23200	27600	---	---	---	25300	16200	19500
3	42700	39200	40900	32000	23800	28000	---	---	---	20800	12400	16000
4	42100	37000	39600	33000	28400	30500	22900	21300	22300	22100	14400	18200
5	40800	36100	38200	33200	30000	31600	21500	19900	20700	22700	15600	19400
6	37300	33400	35100	33100	30200	31400	22800	20900	22300	21600	15800	19500
7	39100	31800	35300	31200	24800	27000	---	---	---	23500	15800	21400
8	39400	36100	38000	28400	22600	24700	27600	20800	25300	24500	21300	22800
9	39800	36000	38300	28600	22200	25500	---	---	---	28600	20600	23300
10	38700	35600	36900	28700	22200	25900	---	---	---	23300	18900	21400
11	37200	33600	35600	27100	20100	24000	---	---	---	21800	18800	20100
12	36100	33700	34900	25700	18600	22300	---	---	---	24000	20200	21800
13	35700	34200	35100	24700	13900	19600	---	---	---	21600	19300	21100
14	37900	34400	35900	23400	12200	17500	---	---	---	21100	18700	19800
15	37400	35900	36800	24600	11400	16700	---	---	---	21600	17700	19100
16	40300	35900	37400	25500	11400	18400	---	---	---	24800	18200	20800
17	40200	36800	38300	23000	14200	18300	23300	15800	19200	27100	22500	23900
18	40100	37700	38600	21900	13700	17700	22700	16300	19700	31500	25400	27900
19	40400	37900	38700	19200	14200	16500	19400	15100	17300	33200	27200	29500
20	40400	37600	39000	19300	13200	15600	21600	13200	18100	28700	25700	27600
21	40300	38100	38900	16900	13500	15200	22800	15000	19000	31800	25800	28000
22	38500	35800	37500	16300	15300	15800	27500	17900	21300	30700	26500	28800
23	36700	32700	34500	---	---	---	28300	17900	22200	31300	26900	29400
24	35400	30400	33100	16500	15600	16200	26300	17800	21700	30100	24200	28000
25	36300	30900	33400	---	---	---	27200	18800	22200	29600	19600	25200
26	37200	31000	34100	---	---	---	26300	18300	22300	23700	18800	20500
27	36300	29500	33500	20200	18600	19400	26100	18300	23100	22500	19900	21100
28	37900	29600	34000	21500	19900	20700	27500	19600	23000	24900	19500	22000
29	37900	25300	32500	22200	21000	21500	23900	17400	21200	29400	24000	25800
30	34300	23600	29300	23400	22200	22800	18000	16500	17000	31100	25100	28400
31	---	---	---	23500	23200	23300	26900	16900	21800	---	---	---
MONTH	44400	23600	36600	---	---	---	---	---	---	33200	12400	23100

MISSISSIPPI RIVER DELTA

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.3	22.2	23.5	22.6	20.9	21.9	15.6	13.5	14.8	16.1	14.6	15.2
2	25.0	23.0	24.0	20.9	17.0	19.3	16.6	14.7	15.6	17.8	15.6	16.6
3	26.9	24.5	25.4	17.8	15.4	16.6	18.0	16.1	17.0	19.1	17.2	18.1
4	27.3	25.8	26.4	18.8	16.2	17.4	19.5	17.4	18.5	18.7	13.7	16.7
5	26.4	24.4	25.5	19.5	17.0	18.3	19.3	16.8	18.6	14.0	12.4	13.2
6	24.7	22.2	23.6	20.0	17.9	19.0	16.8	14.7	15.5	13.4	12.2	12.8
7	26.4	23.8	25.0	20.4	18.3	19.4	15.4	14.0	14.7	14.4	12.1	13.1
8	26.0	25.8	25.9	21.3	18.6	19.8	16.1	14.3	15.2	14.9	12.5	13.6
9	25.9	25.3	25.6	21.7	19.3	20.4	17.6	15.2	16.4	16.8	14.3	15.4
10	25.5	25.2	25.4	22.3	20.2	21.2	17.5	15.7	16.5	18.2	16.1	17.0
11	25.7	24.8	25.3	23.2	21.1	22.0	17.5	15.3	16.5	19.2	16.7	17.9
12	26.4	24.8	25.6	22.5	20.9	21.6	18.2	16.3	17.3	19.9	18.0	18.9
13	27.5	25.3	26.4	22.1	20.2	21.2	18.0	16.5	17.4	20.4	19.1	19.8
14	27.8	25.8	26.9	22.1	20.6	21.4	17.6	15.6	16.6	19.1	14.7	16.1
15	27.7	25.8	26.8	21.8	20.0	21.1	17.0	13.8	15.9	16.2	14.3	15.3
16	27.9	26.0	26.9	20.2	18.3	19.2	13.8	12.3	13.1	17.0	15.1	16.1
17	28.1	26.2	27.2	19.6	17.8	18.7	13.6	12.2	13.0	18.0	16.2	17.1
18	26.7	24.5	25.4	19.8	17.8	18.8	13.8	13.0	13.4	19.3	17.2	18.1
19	25.4	22.4	24.3	20.8	18.5	19.6	14.1	12.5	13.3	20.2	18.1	19.0
20	22.4	19.8	21.1	21.4	19.8	20.5	13.7	12.8	13.2	19.3	16.7	18.7
21	20.5	18.3	19.7	21.8	20.2	21.1	12.8	11.4	12.3	16.7	14.5	15.2
22	20.9	18.4	19.5	22.6	20.9	21.7	12.2	10.6	11.5	16.2	14.2	15.2
23	20.9	19.1	20.0	23.2	21.3	22.2	12.1	10.3	11.3	18.2	16.0	16.8
24	19.1	16.8	18.0	22.9	22.1	22.4	12.5	10.4	11.4	17.8	13.2	15.4
25	19.1	16.9	18.1	22.2	18.1	20.3	12.2	10.0	11.2	13.6	10.7	12.2
26	20.0	17.5	18.7	18.3	16.8	17.4	11.8	10.1	11.0	12.1	9.4	10.9
27	20.9	18.0	19.5	17.1	15.9	16.6	12.7	10.8	11.7	10.5	8.4	9.4
28	21.6	19.2	20.3	17.5	16.1	17.0	13.0	10.7	11.8	10.8	9.7	10.1
29	21.9	20.0	21.0	17.8	16.3	17.2	13.3	10.9	12.0	9.8	8.9	9.4
30	22.8	21.3	22.0	17.2	14.7	15.8	14.5	12.3	13.1	10.0	8.1	9.1
31	22.8	22.1	22.5	---	---	---	15.2	13.5	14.4	10.0	8.6	9.4
MONTH	28.1	16.8	23.4	23.2	14.7	19.6	19.5	10.0	14.3	20.4	8.1	14.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.6	8.7	9.1	23.0	20.3	21.5	23.7	22.1	23.0	25.4	22.9	23.8
2	11.4	9.0	10.0	23.9	21.4	22.5	25.1	23.2	24.0	25.3	23.5	24.3
3	12.4	9.9	11.1	23.7	21.9	22.7	24.4	22.3	23.5	26.0	24.1	24.7
4	13.8	10.9	12.2	22.3	20.1	21.2	22.3	18.9	20.1	26.7	24.1	25.2
5	12.9	10.0	11.5	21.0	18.8	19.9	20.7	17.6	19.2	27.1	24.9	25.9
6	12.8	10.1	11.4	21.3	19.0	20.2	22.0	19.0	20.2	27.1	25.2	26.2
7	13.7	11.0	12.3	22.1	19.8	20.8	23.3	20.3	21.4	27.8	25.6	26.5
8	15.1	12.4	13.5	23.0	20.9	21.8	21.9	18.6	21.0	27.5	25.5	26.5
9	15.8	13.3	14.5	24.6	22.3	23.3	19.6	15.4	17.7	28.2	25.9	26.9
10	16.9	14.9	15.7	25.1	23.0	23.9	19.5	17.5	18.5	29.1	26.4	27.5
11	18.2	16.2	17.1	24.3	19.9	23.1	21.1	18.7	19.8	29.0	27.0	27.9
12	19.5	17.5	18.4	19.9	15.9	18.2	23.1	20.6	21.7	28.7	26.8	27.8
13	19.9	18.9	19.3	19.8	17.2	18.7	23.1	22.0	22.5	29.6	27.2	28.2
14	20.8	19.3	20.0	18.9	18.0	18.6	22.7	21.2	21.9	28.4	26.0	27.1
15	21.0	20.0	20.4	19.1	18.4	18.8	23.9	21.1	22.4	28.2	24.7	26.3
16	22.0	20.3	21.2	21.3	18.9	20.0	25.3	21.9	23.3	28.8	26.0	27.0
17	23.1	21.3	22.1	23.3	20.3	21.7	26.5	23.4	24.7	28.2	25.8	27.0
18	23.3	21.6	22.5	22.5	21.1	21.8	26.9	24.4	25.6	28.3	26.2	27.1
19	23.5	20.8	22.6	21.1	19.1	20.5	27.3	25.1	26.1	29.6	26.5	27.5
20	20.8	17.9	19.3	20.9	17.6	19.3	26.6	24.9	25.7	28.4	27.0	27.7
21	19.6	17.4	18.5	21.1	18.3	19.6	26.5	24.1	25.3	28.0	26.8	27.3
22	19.4	17.0	18.1	21.9	19.7	20.8	24.9	22.2	23.6	29.3	26.4	27.5
23	20.3	18.3	19.2	22.8	20.4	21.6	24.3	22.8	23.6	29.6	27.0	28.2
24	22.0	19.8	20.7	23.0	21.5	22.2	24.8	23.4	24.0	29.6	27.3	28.4
25	22.4	20.6	21.5	24.4	21.8	23.0	24.3	21.7	23.2	30.0	28.0	28.8
26	23.0	21.2	22.1	24.8	22.7	23.7	24.2	21.7	22.9	29.8	27.9	28.9
27	21.9	19.9	21.0	24.3	22.7	23.5	25.0	22.9	23.9	30.3	27.9	28.9
28	20.6	18.5	19.8	24.1	22.2	23.2	25.4	23.4	24.3	30.6	28.3	29.3
29	21.1	19.2	20.1	24.4	23.0	23.7	25.5	23.4	24.5	31.8	28.8	29.8
30	---	---	---	26.5	23.8	24.8	25.0	23.6	24.3	31.2	28.1	29.5
31	---	---	---	24.2	21.6	23.0	---	---	---	30.8	28.2	29.2
MONTH	23.5	8.7	17.4	26.5	15.9	21.5	27.3	15.4	22.7	31.8	22.9	27.3

07381349 CAILLOU LAKE (Sister Lake) SOUTHWEST OF DULAC, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.9	27.7	28.6	30.5	29.3	30.0	28.6	27.7	28.0	32.3	30.1	31.2
2	31.1	27.9	28.9	29.3	28.8	29.0	---	---	---	31.3	29.0	30.1
3	30.5	28.1	29.2	30.4	28.1	29.1	---	---	---	32.2	29.7	30.8
4	30.9	28.4	29.7	30.5	28.5	29.5	30.2	27.5	28.5	32.4	30.4	31.3
5	29.9	28.2	29.2	30.4	28.8	29.6	30.7	28.6	29.6	32.6	30.4	31.4
6	29.4	27.7	28.7	32.5	29.1	30.4	32.3	29.6	30.8	31.3	27.8	29.7
7	28.6	26.1	27.4	32.0	29.9	31.0	32.9	30.6	31.6	29.5	27.1	28.0
8	28.6	26.2	27.6	32.3	30.7	31.3	32.2	30.0	31.0	28.7	26.5	27.7
9	29.4	27.3	28.4	31.7	30.4	30.9	---	---	---	27.9	26.1	26.9
10	29.4	27.7	28.4	32.7	30.5	31.1	---	---	---	29.8	26.7	27.5
11	30.3	27.3	28.5	31.9	30.2	31.1	---	---	---	30.1	27.5	28.5
12	30.6	27.7	28.8	32.0	30.4	31.2	---	---	---	30.5	28.5	29.2
13	30.5	27.9	29.1	31.9	29.3	30.9	---	---	---	29.7	28.5	29.1
14	30.9	28.1	29.3	31.6	30.2	31.0	---	---	---	30.2	28.6	29.2
15	30.1	28.5	29.2	32.3	29.9	30.9	---	---	---	31.4	28.8	30.1
16	29.4	27.4	28.4	33.0	30.8	31.6	---	---	---	29.7	27.2	28.3
17	29.1	27.1	28.0	31.9	30.6	31.1	32.6	29.7	30.8	27.4	24.7	26.2
18	30.4	27.8	28.8	31.0	30.0	30.4	33.3	30.8	31.8	27.4	24.8	26.3
19	31.0	28.7	29.7	30.9	29.8	30.1	33.7	30.7	32.1	27.9	25.9	26.9
20	31.4	28.9	30.0	31.2	29.3	30.1	32.6	30.5	31.5	28.5	27.1	27.9
21	31.6	29.2	30.2	31.6	29.7	30.7	32.5	30.4	31.4	29.2	27.8	28.2
22	31.6	29.2	30.4	31.9	30.2	31.0	31.8	28.5	30.0	29.1	27.8	28.3
23	32.5	29.8	31.1	---	---	---	29.6	28.3	28.9	30.0	28.3	29.0
24	32.0	30.2	31.1	---	---	---	29.7	27.9	28.6	30.6	28.8	29.6
25	32.0	30.0	31.0	---	---	---	31.0	28.0	29.3	29.8	25.4	28.8
26	31.4	29.1	30.4	---	---	---	32.9	29.7	30.7	25.4	21.7	22.9
27	30.9	29.4	30.2	31.3	30.1	30.5	33.1	30.2	31.1	23.7	20.6	22.2
28	30.3	29.4	30.0	32.1	30.5	31.0	34.0	30.4	31.5	23.9	21.4	22.8
29	30.2	28.6	29.4	32.1	30.5	31.2	32.9	30.4	31.6	24.6	21.7	23.2
30	31.0	29.2	30.0	31.1	29.5	30.2	32.8	30.5	31.5	24.8	22.0	23.6
31	---	---	---	29.5	28.6	29.0	33.0	30.9	31.6	---	---	---
MONTH	32.5	26.1	29.3	---	---	---	---	---	---	32.6	20.6	27.8

MISSISSIPPI RIVER DELTA

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA

LOCATION.--Lat 30°26'33", long 91°27'06", in sec. 27, T. 7 S., R. 10 E., St. Helena Meridian, Iberville Parish, Hydrologic Unit 08070300, on downstream side of bridge on Highway 76, in the Town of Rosedale, 2.1 mi north of Interstate 10, 2.5 mi north of Grosse Tete.

WATER-STAGE RECORDS

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1983 to current year. Prior to Oct. 1, 1983, gage heights only, in reports of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is sea level. Reverse flow at times during the year.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 5,170 ft³/s, Feb. 19, 1988, maximum elevation 12.11 ft, Oct. 27, 1983; maximum negative discharge, -280 ft³/s, June 16, 1985, no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 605 ft³/s, Apr. 4; maximum elevation, 3.84 ft, Apr. 4; maximum negative discharge, -103 ft³/s, June 14; minimum elevation, -0.16 ft, Dec. 1.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	13	3.3	9.2	---	12	10	---	-4.9	28	64	-3.8
2	8.2	14	6.3	9.5	---	12	11	---	-4.4	28	19	-7.8
3	8.5	7.0	6.2	9.9	---	16	106	---	-18	20	9.8	-2.0
4	27	4.3	10	---	---	21	500	---	7.8	26	4.4	1.1
5	15	7.0	13	---	---	14	213	---	12	20	13	-1.4
6	13	5.9	12	8.8	---	13	61	---	21	4.5	7.8	5.7
7	7.4	6.3	11	7.0	---	12	24	---	33	1.1	.34	10
8	25	6.4	9.4	5.8	---	14	20	---	18	9.4	3.9	-2.4
9	141	7.4	9.8	---	4.0	13	11	---	34	4.3	1.9	2.0
10	125	8.9	9.9	---	8.2	14	10	6.6	44	16	-2.9	7.1
11	45	10	10	---	6.2	19	14	-7.75	13	9.8	7.4	18
12	28	9.2	---	---	6.6	16	12	3.5	11	5.7	2.7	14
13	22	9.9	---	12	7.6	13	---	6.9	26	3.3	.50	12
14	19	9.4	---	---	11	13	---	-3.1	-1.7	-.86	-3.4	21
15	18	8.6	---	12	8.2	11	---	11	28	-1.0	---	29
16	18	11	7.2	---	9.5	11	---	22	33	-4.7	---	19
17	19	8.0	5.9	---	12	17	---	9.4	85	8.4	5.0	18
18	16	7.7	---	9.8	12	12	---	---	84	8.4	2.2	2.5
19	17	8.8	---	12	14	19	---	-5.9	63	7.6	-5.1	-3.2
20	10	9.0	---	---	12	41	---	5.5	49	3.9	-3.1	.66
21	5.9	10	---	---	8.7	23	---	12	34	-.33	-1.4	12
22	4.4	12	---	---	10	20	---	13	10	-10	3.7	9.6
23	4.8	12	---	---	7.1	15	---	7.7	12	78	7.0	6.4
24	8.1	11	---	---	9.5	10	---	16	-.03	145	22	6.4
25	7.6	12	---	---	13	12	---	10	6.1	88	42	18
26	5.6	9.3	14	8.4	16	13	---	3.1	1.0	35	11	25
27	7.4	6.8	13	6.2	27	40	---	9.6	17	5.0	9.3	10
28	6.2	7.5	13	---	21	67	---	17	34	3.0	.00	7.9
29	9.0	8.2	12	---	15	23	---	12	63	-3.6	9.2	6.3
30	6.9	4.5	12	---	---	16	---	10	36	19	5.2	-.89
31	12	---	10	---	---	19	---	3.7	---	95	2.8	---
TOTAL	673.0	265.1	---	---	---	571	---	---	745.87	651.91	---	240.17
MEAN	21.7	8.84	---	---	---	18.4	---	---	24.9	21.0	---	8.01

MISSISSIPPI RIVER DELTA

329

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.63	.88	-.10	---	---	.94	.96	---	.98	---	1.16	.60
2	.70	.74	.03	.53	---	1.03	1.11	---	1.10	1.61	1.04	.81
3	.91	.40	.31	---	---	.96	1.60	---	1.31	1.60	1.06	.94
4	.99	.19	.78	---	---	.87	3.54	---	1.52	1.70	1.13	.82
5	.86	.21	.99	---	---	.81	2.30	---	1.54	1.49	1.09	.79
6	.61	.26	.81	---	---	.75	1.46	---	1.73	1.42	.94	.79
7	.63	.21	.63	.29	---	.93	1.26	---	1.70	1.46	.93	.60
8	1.07	.21	.55	.20	---	.96	1.14	---	1.73	1.37	.96	.71
9	2.23	.33	.55	---	---	1.01	1.08	---	1.82	1.41	.95	.98
10	2.29	.46	.63	---	---	1.13	1.08	1.28	1.93	1.44	.95	1.30
11	1.78	.55	.60	---	.25	1.08	1.05	1.26	1.96	1.30	1.04	1.35
12	1.55	.63	---	---	.22	1.04	---	1.37	2.16	1.18	.88	1.21
13	1.36	.57	---	---	.25	1.02	---	1.37	---	1.13	.77	1.21
14	1.21	.61	---	---	.33	.86	---	1.41	---	1.17	.84	1.18
15	1.13	.74	---	---	.38	.79	---	1.58	2.04	1.18	---	1.05
16	1.07	.52	.29	---	.60	.93	---	1.33	1.90	1.19	---	.82
17	1.01	.31	.18	---	.67	.96	---	1.09	1.85	1.18	.88	.57
18	.82	.34	---	1.13	.72	.92	---	---	1.87	1.06	.77	.52
19	.47	.42	---	1.12	.68	1.11	---	1.26	1.92	.94	.74	.66
20	.24	.42	---	---	.40	1.21	---	1.40	2.04	.81	.82	.94
21	-.02	.61	---	---	---	1.15	---	1.42	1.98	.86	.86	.95
22	.00	.73	---	---	---	1.01	---	1.42	1.85	.88	.87	.95
23	.28	.75	---	---	.16	.84	---	1.62	1.79	1.39	.89	1.06
24	.41	.69	---	---	.48	.78	---	1.46	1.69	1.69	1.02	1.21
25	.30	.59	---	---	.76	.84	---	1.42	1.69	1.41	1.05	1.14
26	.30	.37	---	.24	.86	.82	---	1.41	1.79	.94	1.00	.83
27	.35	.23	---	---	1.08	.98	---	1.35	1.86	.82	.92	.48
28	.43	.35	---	---	.94	1.16	---	1.27	1.96	.84	.94	.30
29	.49	.32	---	---	.75	1.02	---	1.27	1.86	.98	.85	.16
30	.57	.03	.74	---	---	1.10	---	1.11	1.59	1.06	.70	.19
31	.80	---	.63	---	---	1.04	---	.96	---	1.22	.52	---
MAX	2.29	.88	---	---	---	1.21	---	---	---	---	---	1.35
MIN	-.02	.03	---	---	---	.75	---	---	---	---	---	.16

MISSISSIPPI RIVER DELTA

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1960, 1969, 1978-87. 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DEPTH BOTTOM AT SAMPLE LOC- ATION, (FEET) (81903)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
OCT							
08...	0830	--	269	6.7	--	--	140
NOV							
04...	0800	--	300	7.6	14.8	--	100
DEC							
10...	0815	--	342	7.8	13.8	4.0	130
JAN							
20...	0830	--	319	7.3	15.6	5.0	120
20...	0915	1.10	315	7.3	15.6	4.7	--
20...	0916	3.70	318	7.3	15.6	4.4	--
20...	0920	.70	319	7.3	15.6	5.0	--
20...	0922	4.20	320	7.3	15.6	4.6	--
20...	0930	.30	318	7.3	15.8	5.1	--
20...	0932	4.00	320	7.3	15.7	4.8	--
FEB							
11...	0815	--	421	8.1	13.1	12.2	170
MAR							
28...	0900	--	504	8.0	20.9	3.2	180
APR							
10...	0800	--	204	7.5	18.0	1.3	69
MAY							
11...	0815	--	300	7.3	26.2	2.1	120
JUN							
21...	1530	--	324	8.1	27.4	2.7	120
JUL							
20...	0715	--	510	7.4	30.4	1.5	190
AUG							
24...	0800	--	316	7.5	28.2	4.0	120

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT												
08...	34.2	E10	12.6	41	17.6	5.9	163	9.2	.2	4.9	.133	.64
NOV												
04...	25.5	10	9.25	182	17.6	6.3	--	11.7	.2	7.9	.623	1.2
DEC												
10...	32.3	70	11.5	140	17.6	6.9	151	13.5	.1	8.7	.078	.68
JAN												
20...	31.6	E10	10.9	111	13.0	5.1	131	11.4	.1	11.5	.123	.58
FEB												
11...	42.5	E10	15.0	15	19.8	4.9	186	14.5	.2	14.5	<.020	.46
MAR												
28...	44.8	10	16.2	96	32.2	5.6	227	20.5	.2	9.0	.233	.83
APR												
10...	17.7	20	5.92	114	7.3	6.3	62	8.5	.2	8.7	1.00	1.9
MAY												
11...	30.2	10	9.73	204	11.6	6.3	115	11.5	.2	8.9	.288	.89
JUN												
21...	29.1	E10	11.6	21	19.4	5.7	143	11.6	.2	5.4	.076	.69
JUL												
20...	45.0	E10	18.4	94	32.5	6.4	244	17.4	.2	3.2	.133	.95
AUG												
24...	29.1	E10	10.8	37	16.1	6.1	137	10.3	.1	6.2	.066	.50

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
OCT 08...	<.050	.098	.071	.052	13.6	200	--	--	28.1	3.0	<.08	<.05
NOV 04...	.077	.164	.087	.057	11.5	166	--	--	6.4	.3	E.06	<.05
DEC 10...	<.050	.171	.067	.044	11.3	193	--	--	32.7	<.1	<.08	<.05
JAN 20...	.646	.170	.057	.046	11.4	205	--	--	12.3	2.3	E.03	<.05
FEB 11...	<.050	.187	.029	.012	11.4	254	450	290	60.5	8.6	E.04	<.05
MAR 28...	.072	.188	.089	.069	6.5	287	260	100	7.9	.9	<.08	<.05
APR 10...	2.86	.215	.148	.117	8.4	128	500	--	.4	E.1	E.05	<.05
MAY 11...	.620	.164	.102	.063	11.1	181	K44	--	8.9	.2	<.08	<.05
JUN 21...	.585	.294	.181	.146	9.8	198	150	--	--	--	E.06	<.05
JUL 20...	<.050	.253	.181	.147	15.1	291	K25	--	--	--	E.05	<.05
AUG 24...	<.050	.175	.081	.054	12.1	187	--	--	34.4	1.0	E.05	<.05
DATE	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, GF 0.7U REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
OCT 08...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
NOV 04...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	E.06
DEC 10...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
JAN 20...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
FEB 11...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
MAR 28...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
APR 10...	<.06	<.06	<.16	--	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
MAY 11...	<.06	<.06	<.16	<.03	<.08	<.02	E.05	<.06	.15	<.04	<.07	.18
JUN 21...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
JUL 20...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
AUG 24...	<.06	<.06	<.16	<.03	<.08	E.01	<.08	<.06	<.06	<.04	<.07	<.10

MISSISSIPPI RIVER DELTA

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
OCT 08...	<.05	<.04	.27	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
NOV 04...	<.05	<.04	E1.67	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
DEC 10...	<.05	<.04	E1.06	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
JAN 20...	<.05	<.04	.09	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
FEB 11...	<.05	<.04	.12	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
MAR 28...	<.05	<.04	E3.65	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
APR 10...	<.05	<.04	.11	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
MAY 11...	<.05	<.04	.48	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
JUN 21...	<.05	<.04	.12	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
JUL 20...	<.05	<.04	.26	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
AUG 24...	<.05	<.04	.13	<.07	<.06	<.07	<.06	<.06	<.08	E.04	<.07	<.08

DATE	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)
OCT 08...	<.07	<.02	.43	<.07	<.06	<.10	7.0	1.5	<.003	<.002	<.002
NOV 04...	<.07	<.02	.39	<.07	<.06	E.05	6.7	.9	<.003	<.002	.007
DEC 10...	<.07	<.02	.15	<.07	<.06	.15	8.5	1.5	<.003	<.002	<.015
JAN 20...	<.07	<.02	<.07	<.07	<.06	<.10	6.6	2.2	<.003	<.002	.008
FEB 11...	<.07	<.02	<.07	<.07	<.06	<.10	6.8	3.1	<.003	<.002	<.002
MAR 28...	<.07	<.02	<.07	<.07	<.06	<.10	7.8	1.1	<.003	<.002	<.002
APR 10...	<.07	<.02	<.07	<.07	<.06	<.10	6.9	4.0	<.003	<.002	.019
MAY 11...	<.07	<.02	<.07	<.07	<.06	E.07	6.9	1.7	<.003	<.002	.006
JUN 21...	<.07	<.02	<.07	<.07	<.06	.28	8.1	1.8	<.003	<.002	.008
JUL 20...	<.07	<.02	<.07	<.07	<.06	.14	10	1.2	<.003	<.002	<.002
AUG 24...	<.07	<.02	<.07	<.07	<.06	4.37	5.9	1.6	<.003	<.002	<.002

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)
OCT 08...	<.002	E5.38	<.002	<.002	E.005	<.003	<.004	.018	<.002	E.11	.012
NOV 04...	<.002	3.35	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.24	<.002
DEC 10...	<.002	1.84	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.18	.006
JAN 20...	<.002	1.11	<.002	<.002	E.015	<.003	<.004	<.004	<.002	E.12	.004
FEB 11...	<.002	2.62	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.18	<.002
MAR 28...	<.002	3.54	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.31	.006
APR 10...	<.002	E37.7	<.002	<.002	E.015	E1.8	.036	.021	<.002	E1.7	.029
MAY 11...	<.002	.428	<.002	<.002	<.003	E.32	.011	<.010	E.001	E1.2	.010
JUN 21...	<.002	.522	<.002	<.002	E.011	<.003	E.004	<.004	<.002	E.094	.035
JUL 20...	<.002	.294	<.002	<.002	<.003	<.003	<.004	.096	<.002	E.16	<.002
AUG 24...	<.002	.102	<.002	<.002	<.003	<.003	<.004	.341	<.002	E.038	<.002
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT 08...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
NOV 04...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DEC 10...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JAN 20...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
FEB 11...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAR 28...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
APR 10...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAY 11...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.013	<.001	<.006
JUN 21...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JUL 20...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
AUG 24...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006

MISSISSIPPI RIVER DELTA

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P, P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
OCT 08...	.015	.299	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.007
NOV 04...	.080	3.60	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.003
DEC 10...	.072	.542	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JAN 20...	.038	.078	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
FEB 11...	.029	.069	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
MAR 28...	.029	.769	<.004	<.003	<.006	<.004	<.004	.026	<.005	<.002	E.002
APR 10...	11.8	.636	E.002	<.003	<.006	<.004	<.004	1.16	<.005	<.002	<.018
MAY 11...	5.64	.180	<.004	<.003	<.006	<.004	<.004	.026	<.005	<.002	E.004
JUN 21...	.045	.208	<.004	<.003	<.006	<.004	<.004	.028	<.005	<.002	<.018
JUL 20...	.016	.052	1.43	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
AUG 24...	.031	.219	.479	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
DATE	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT 08...	<.003	<.007	<.004	<.013	.037	E.006	E.037	<.013	<.002	<.001	<.002
NOV 04...	<.003	<.007	<.004	<.013	.027	<.010	<.007	<.013	<.002	<.001	<.002
DEC 10...	<.003	<.007	<.004	<.013	.022	E.030	<.007	<.013	<.002	<.001	<.002
JAN 20...	<.003	<.007	<.004	<.013	.010	E.009	<.007	<.013	<.002	<.001	<.002
FEB 11...	<.003	<.007	<.004	<.013	.017	E.005	<.014	<.013	<.002	<.001	<.002
MAR 28...	<.003	<.007	<.004	<.013	.025	<.010	E.032	<.013	<.002	<.001	<.002
APR 10...	<.003	<.007	<.004	<.013	.085	.012	E.014	<.013	<.002	<.001	E.002
MAY 11...	<.003	<.007	<.004	<.013	.007	E.009	<.007	<.013	<.002	<.001	<.002
JUN 21...	<.003	<.007	<.004	<.013	.005	<.010	<.007	<.013	<.002	<.001	.010
JUL 20...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
AUG 24...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002

E Estimated value.

< 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).

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 elevation 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 elevation, 4.24 ft, Apr. 11, 1997; maximum negative discharge, -20,200 ft³/s, Apr. 5, 1997; minimum elevation, -0.37 ft, Feb. 5, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 34,800 ft³/s, Nov. 25; maximum elevation, 2.60 ft, Oct. 9; maximum negative discharge, -19,000 ft³/s, Sept. 9; minimum elevation, -0.27 ft, Feb. 5.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-885	5610	-6300	3060	239	2740	-4020	-220	-917	3580	1870	-2290
2	547	15000	-6940	1970	2040	3360	-1410	366	1060	881	2910	2990
3	1630	-175	-9260	-2670	741	-231	-208	77	1790	-775	4220	8070
4	4710	-1280	-2840	15400	4010	6090	14600	706	1710	-297	5730	2100
5	10600	2620	8620	9310	5680	2940	37	678	3060	859	7510	-243
6	-291	-481	13800	1640	720	578	29	826	9020	4260	3550	3090
7	-6120	2700	2790	3420	1180	-690	913	927	4430	7020	-114	-3030
8	-8560	1500	2340	408	745	-794	14000	1250	1040	4090	-2400	-4950
9	5450	1780	---	136	2570	675	1320	1050	674	532	2780	-7560
10	19200	985	8330	4660	-1140	-289	-1030	1620	313	19	1670	2260
11	18900	2490	2710	6080	1650	10000	3400	196	3380	3370	3470	5730
12	14100	7450	-4980	2600	820	6410	1230	-2130	4660	3300	2940	1470
13	12800	2800	12400	3840	-739	998	3410	4330	2420	3130	-1300	8520
14	10300	3990	10100	7600	1980	1860	3950	8350	-1940	2990	-2130	6740
15	5850	7110	11300	-3980	3140	669	124	5260	3540	6060	2580	6620
16	5900	4320	4310	3210	2280	1640	-753	1140	-1750	-227	8570	7340
17	7250	-1310	-2290	2050	1750	7980	1540	-2550	-625	1030	3500	-67
18	11400	-587	370	1760	-520	2370	1100	-3070	4100	2450	2570	-3760
19	3640	1790	4360	2890	7280	7070	-541	1610	2920	4040	3620	-2840
20	11100	2.7	10800	6720	9100	5510	-1170	1200	1470	2760	1970	2560
21	-1640	1370	11000	4160	2530	3590	4920	5890	3500	2320	958	3170
22	-4590	1160	9830	-4050	166	5350	1490	6340	9740	1350	377	-3330
23	4120	3060	7050	4820	-2280	1510	-2260	1190	8470	2280	-1330	-3370
24	4960	7770	7970	10300	464	2500	498	2630	2740	9280	1580	2580
25	-270	13400	10500	4340	-3750	6410	4430	1720	1360	2500	398	10100
26	1200	8580	5610	5040	-302	2900	2040	-790	358	-1230	70	10600
27	2680	1170	6730	3050	9890	2670	2510	-822	2510	-2190	-948	3240
28	2720	5140	7710	2980	2960	506	2980	7150	1040	-428	965	2280
29	597	7220	2770	2790	-1230	-1270	2700	11300	836	-2100	5520	-1170
30	---	8540	1740	2610	---	6660	-58	4320	2140	-1200	6990	-3230
31	3760	---	138	77	---	7380	---	-802	---	429	-5870	---
MEAN	4702	3791	4356	3426	1792	3132	1859	1927	2435	1938	2007	1787
MAX	19200	15000	13800	15400	9890	10000	14600	11300	9740	9280	8570	10600
MIN	-8560	-1310	-9260	-4050	-3750	-1270	-4020	-3070	-1940	-2190	-5870	-7560

MISSISSIPPI RIVER DELTA

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.39	1.41	.66	.77	.33	1.40	1.70	1.86	1.38	1.83	1.52	1.36
2	1.54	.77	.91	.83	.40	1.33	1.82	1.88	1.49	1.91	1.46	1.36
3	1.60	.61	1.40	1.02	.51	1.47	2.00	1.96	1.50	1.92	1.45	1.14
4	1.62	.87	1.60	.92	.41	1.43	1.67	1.94	1.54	1.96	1.31	1.10
5	1.44	.74	1.55	.29	.06	1.30	1.59	1.91	1.62	1.97	1.16	1.25
6	1.34	.86	.84	.57	.22	1.38	1.74	1.95	1.44	1.95	1.09	1.18
7	1.57	.86	.97	.59	.31	1.44	1.76	1.94	1.24	1.85	1.18	1.23
8	1.98	.91	1.09	.68	.39	1.53	1.66	1.90	1.37	1.80	1.32	1.50
9	2.34	1.03	---	.93	.33	1.57	1.37	1.89	1.49	1.81	1.30	1.87
10	2.08	1.19	1.04	1.08	.48	1.61	1.59	1.86	1.65	1.90	1.26	1.86
11	1.81	1.28	.99	.87	.61	1.61	1.64	1.85	1.62	1.82	1.18	1.69
12	1.73	1.05	1.35	.84	.65	1.23	1.69	1.98	1.53	1.75	1.19	1.71
13	1.63	1.10	1.32	.92	.84	1.32	1.75	2.00	1.50	1.68	1.24	1.58
14	1.54	1.16	.82	.51	1.00	1.32	1.57	1.64	1.63	1.63	1.34	1.50
15	1.61	1.00	.76	.83	.82	1.51	1.64	1.47	1.62	1.44	1.39	1.34
16	1.60	.85	.39	.96	.98	1.73	1.78	1.50	1.75	1.42	1.18	1.13
17	1.49	.97	.74	.91	.95	1.58	1.77	1.65	1.83	1.43	1.03	1.20
18	1.01	1.09	1.05	1.03	1.17	1.60	1.73	1.90	1.78	1.39	1.03	1.41
19	1.07	1.09	.96	1.08	1.08	1.64	1.78	1.89	1.72	1.32	.97	1.58
20	.52	1.18	.94	1.05	.50	1.47	1.93	1.90	1.72	1.21	1.00	1.55
21	.59	1.11	1.00	.67	.57	1.49	1.83	1.73	1.69	1.17	.99	1.50
22	.89	1.29	.86	1.07	.67	1.39	1.71	1.58	1.53	1.20	1.09	1.63
23	.97	1.37	.94	1.12	.89	1.34	1.92	1.56	1.31	1.38	1.24	1.78
24	.60	1.22	.89	.77	.90	1.39	2.15	1.60	1.27	1.15	1.27	1.70
25	.80	1.08	.72	.50	1.20	1.37	1.88	1.58	1.30	1.13	1.31	1.47
26	.88	.69	.74	.24	1.42	1.37	1.83	1.72	1.44	1.22	1.33	.90
27	.91	.86	.67	.09	1.31	1.52	1.78	1.87	1.55	1.33	1.36	.85
28	.94	.92	.59	.33	1.12	1.54	1.76	1.65	1.66	1.37	1.36	.83
29	1.07	.78	.58	.10	1.31	1.77	1.55	1.29	1.81	1.45	1.27	.87
30	---	.34	.67	.03	---	1.80	1.65	1.10	1.80	1.56	1.02	1.09
31	1.49	---	.72	.17	---	1.53	---	1.22	---	1.55	1.11	---
MAX	---	1.41	---	1.12	1.42	1.80	2.15	2.00	1.83	1.97	1.52	1.87
MIN	---	.34	---	.03	.06	1.23	1.37	1.10	1.24	1.13	.97	.83

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 September 2000.

WATER TEMPERATURE: March 2000 to September 2000.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded for the period March to September, 1,420 microsiemens, Sept. 23, 2000; minimum, recorded, 265 microsiemens, Apr. 16, 17, 2000.

WATER TEMPERATURE: Maximum recorded for the period March to September, 34.2°C, Sept. 4, 2000; minimum recorded, 17.9°C, Apr. 1, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded for the period March to September, 1,420 microsiemens, Sept. 23; minimum recorded, 265 microsiemens, Apr. 16, 17.

WATER TEMPERATURE: Maximum record for the period March to September, 34.2°C, Sept. 4; minimum recorded, 17.9°C, Apr. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR MARCH 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1							391	367	377	352	342	346
2							378	366	372	356	341	349
3							388	352	364	367	346	358
4							401	370	391	379	357	368
5							397	381	391	388	368	377
6							393	381	387	459	371	395
7							389	369	381	404	383	395
8							393	373	384	405	386	396
9							396	340	382	406	384	393
10							394	295	360	403	384	393
11							382	293	341	399	366	381
12							387	298	341	371	354	362
13							372	276	333	375	359	367
14							383	335	374	379	371	374
15							373	310	340	382	374	379
16							327	265	288	385	365	376
17							337	265	301	382	363	373
18							376	308	345	373	360	365
19							369	276	312	382	362	369
20							287	275	281	381	365	375
21				431	417	423	323	280	313	380	373	377
22				437	418	424	351	296	329	381	364	376
23				444	419	429	302	290	297	395	363	379
24				434	414	421	316	292	303	404	380	394
25				429	408	417	346	312	337	409	368	390
26				425	407	415	366	335	348	407	393	397
27				425	400	412	348	325	334	407	388	398
28				423	390	406	365	328	346	407	389	399
29				409	372	390	391	358	374	397	390	393
30				400	370	387	366	346	359	403	385	391
31				406	383	399	---	---	---	398	379	387
MONTH							401	265	346	459	341	380

MISSISSIPPI RIVER DELTA

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR MARCH 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	403	382	392	430	381	406	478	367	424	475	383	443
2	400	382	391	437	376	404	478	388	422	485	399	441
3	398	375	386	434	371	401	455	372	417	477	395	430
4	398	374	384	427	376	399	447	361	406	474	374	425
5	399	378	389	430	371	398	443	367	405	469	396	433
6	398	383	391	428	375	405	457	374	415	494	393	433
7	398	382	389	439	369	410	482	385	427	469	402	438
8	404	388	394	426	360	404	469	394	432	494	416	458
9	404	376	389	431	381	405	485	398	437	675	420	524
10	390	365	379	427	372	403	467	389	429	627	439	557
11	408	373	396	435	370	399	460	382	413	487	433	461
12	404	391	397	415	360	386	447	382	416	499	405	449
13	406	375	393	417	363	388	465	383	428	460	398	428
14	416	354	387	436	378	402	486	396	443	442	335	413
15	425	364	392	426	374	403	495	384	455	440	373	402
16	421	356	385	428	371	395	455	380	422	437	375	411
17	422	350	382	429	371	402	441	385	415	450	396	423
18	419	355	388	435	387	408	442	372	417	486	375	455
19	426	364	394	439	383	415	452	401	421	633	445	502
20	419	371	396	460	381	424	468	386	426	659	431	541
21	425	376	399	468	394	430	476	396	427	616	427	501
22	421	386	404	477	401	434	479	390	444	689	399	529
23	439	379	399	461	362	420	496	397	451	1420	475	860
24	419	375	399	448	368	405	495	397	453	1200	578	845
25	427	370	402	461	382	409	475	384	443	603	441	527
26	424	382	403	451	385	420	501	400	439	507	402	437
27	432	389	409	453	394	424	486	369	439	463	389	426
28	434	384	408	446	393	419	475	386	433	497	380	430
29	434	382	410	454	398	426	469	390	428	548	403	466
30	430	383	407	470	403	436	449	385	420	593	453	526
31	---	---	---	458	396	428	473	395	431	---	---	---
MONTH	439	350	394	477	360	410	501	361	428	1420	335	487

TEMPERATURE, WATER (DEG. C), WATER YEAR MARCH 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1							19.7	17.9	19.0	23.0	21.8	22.2
2							19.6	18.3	19.0	22.8	21.5	22.0
3							20.6	18.1	18.7	23.3	21.3	21.9
4							20.5	19.6	20.0	23.0	21.6	22.3
5							20.4	18.8	19.5	24.4	22.0	23.2
6							20.0	18.7	19.3	25.0	22.6	23.6
7							20.0	19.2	19.6	25.7	22.8	24.0
8							21.1	19.4	20.5	26.1	22.9	24.6
9							20.2	18.5	19.2	26.1	23.1	24.8
10							20.0	18.4	19.4	27.0	23.7	25.8
11							20.2	18.3	19.0	27.8	24.8	26.4
12							20.7	19.0	19.7	24.9	24.0	24.5
13							20.7	19.5	20.1	28.3	24.7	26.2
14							20.7	19.9	20.4	28.3	26.3	27.2
15							21.7	19.8	20.2	27.5	25.9	26.5
16							21.0	19.5	20.0	27.0	25.6	26.3
17							24.5	19.8	21.6	27.5	25.4	26.3
18							25.0	22.4	23.8	26.2	25.5	25.9
19							24.3	20.9	22.5	26.8	25.8	26.3
20							21.6	20.3	21.0	27.3	26.1	26.7
21				20.8	18.9	19.9	24.2	20.4	22.8	27.4	26.2	26.9
22				21.9	19.9	20.5	24.4	21.1	23.2	30.2	27.0	27.9
23				21.2	18.5	20.0	21.2	19.8	20.7	30.2	27.6	28.5
24				21.6	18.0	19.9	21.5	19.7	20.4	28.6	27.4	27.9
25				22.5	18.1	21.0	23.5	21.5	22.5	29.0	27.9	28.5
26				22.9	19.6	21.5	23.9	21.8	22.6	29.0	28.0	28.2
27				23.1	19.6	21.1	24.0	21.8	23.1	28.1	27.8	28.0
28				22.6	19.1	20.4	25.4	22.3	24.0	30.1	27.9	29.1
29				19.9	18.5	19.0	25.5	23.5	24.6	31.5	29.0	30.1
30				23.5	18.4	20.8	24.3	22.6	23.5	30.9	29.5	29.9
31				23.1	19.5	22.0	---	---	---	30.1	28.9	29.5
MONTH							25.5	17.9	21.0	31.5	21.3	26.2

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR MARCH 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	29.4	28.6	29.2	30.5	29.6	29.9	30.6	29.5	29.7	32.7	32.0	32.3
2	29.5	28.4	28.9	29.6	28.8	29.1	29.5	28.6	29.1	33.0	31.8	32.3
3	29.8	28.8	29.4	29.2	28.2	28.7	29.4	28.9	29.0	33.6	31.5	32.7
4	30.5	29.4	29.8	29.6	28.4	28.9	30.4	28.4	29.1	34.2	32.5	33.2
5	30.1	29.1	29.6	30.0	28.7	29.1	31.5	29.6	30.3	33.8	32.4	33.1
6	29.3	28.5	28.8	30.8	29.0	29.6	33.5	31.0	31.7	33.1	30.6	32.4
7	29.0	27.2	27.9	33.1	29.9	31.1	32.8	30.8	31.5	31.4	29.8	30.7
8	27.8	26.9	27.5	32.3	31.1	31.6	31.8	30.7	31.2	30.9	29.5	30.1
9	27.8	27.2	27.5	31.9	31.3	31.6	33.7	30.9	31.7	29.5	28.4	28.9
10	28.3	27.5	27.8	32.7	30.9	31.6	33.0	31.7	32.2	28.9	27.8	28.4
11	29.5	27.8	28.7	33.6	32.4	32.7	32.3	30.3	31.0	28.1	27.5	27.7
12	29.7	28.2	28.6	33.4	31.5	32.6	32.4	31.2	31.6	28.0	27.6	27.8
13	29.1	28.3	28.6	33.3	31.5	32.5	32.4	31.4	31.8	28.9	27.7	28.1
14	29.3	28.4	28.7	33.3	32.0	32.4	31.7	31.0	31.3	30.4	27.8	28.7
15	29.9	28.5	28.9	34.1	31.3	32.1	32.0	30.6	31.1	30.3	29.0	29.6
16	29.9	28.2	29.0	33.9	32.3	32.7	33.1	31.1	31.8	29.6	27.8	28.5
17	28.3	27.9	28.1	33.0	32.3	32.5	33.2	31.6	32.2	27.9	26.3	27.3
18	28.9	28.1	28.4	32.8	32.1	32.4	34.1	32.0	32.9	29.1	27.6	28.0
19	28.8	28.3	28.5	32.8	31.6	32.0	34.1	32.8	33.3	28.3	27.4	27.8
20	28.9	28.3	28.6	32.6	31.3	31.8	33.8	32.5	33.1	28.6	27.8	28.1
21	29.6	28.7	29.0	32.7	31.5	31.9	34.0	32.3	33.3	29.0	28.0	28.4
22	31.6	29.1	30.3	32.7	31.7	32.0	33.6	31.2	32.0	28.6	27.9	28.2
23	32.1	30.3	31.1	32.1	29.6	31.2	31.2	30.4	31.0	29.4	28.3	28.6
24	32.2	31.1	31.6	29.9	27.9	28.9	30.7	30.0	30.4	30.3	28.8	29.3
25	31.8	30.7	31.3	31.2	29.4	30.0	31.7	29.8	30.5	30.1	27.2	29.3
26	31.4	30.0	30.9	31.4	30.1	30.7	32.0	31.0	31.3	27.2	24.1	25.0
27	31.0	30.4	30.6	31.6	30.6	31.0	32.4	31.1	31.5	24.2	23.3	23.6
28	30.8	29.4	30.0	31.9	30.8	31.2	32.5	31.5	31.8	23.9	23.2	23.5
29	30.6	29.3	29.9	31.9	31.0	31.4	33.2	32.0	32.5	24.5	23.0	23.7
30	30.5	29.7	30.0	31.9	31.1	31.3	33.0	31.4	31.9	25.1	24.4	24.7
31	---	---	---	31.3	30.5	30.7	32.5	31.9	32.2	---	---	---
MONTH	32.2	26.9	29.2	34.1	27.9	31.1	34.1	28.4	31.4	34.2	23.0	28.7

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DEPTH BOTTOM AT SAMPLE LOC- ATION, (FEET) (81903)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	HARD- NESS TOTAL (MG/L AS CaCO3) (00900)
OCT							
06...	1115	--	430	8.4	--	--	150
NOV							
01...	1100	--	485	8.3	21.5	--	150
DEC							
07...	1115	--	1060	8.6	15.6	10.0	220
JAN							
10...	1200	.50	514	7.9	14.2	10.9	--
10...	1201	5.00	527	7.8	13.9	10.9	--
10...	1202	10.0	530	7.8	13.9	10.8	--
10...	1205	.50	508	7.9	14.4	10.9	--
10...	1206	5.00	517	7.9	14.2	10.9	--
10...	1207	10.0	510	7.9	14.4	10.9	--
10...	1208	15.0	510	7.9	14.4	10.9	--
10...	1209	18.0	513	7.9	14.4	10.9	--
10...	1212	.50	498	8.0	15.0	10.9	--
10...	1213	10.0	507	8.0	14.6	11.0	--
10...	1214	20.0	511	7.9	14.4	10.9	--
10...	1220	.50	494	8.1	15.0	10.9	--
10...	1221	10.0	504	8.0	14.6	10.8	--
10...	1222	20.0	506	8.0	14.5	10.8	--
10...	1225	.50	497	8.0	14.8	10.8	--
10...	1226	10.0	505	8.0	14.6	10.9	--
10...	1227	20.0	508	8.0	14.6	10.8	--
10...	1230	.50	493	8.1	15.2	10.9	--
10...	1231	10.0	502	8.0	14.9	11.0	--
10...	1232	20.0	505	8.0	14.8	11.0	--
10...	1300	--	494	8.1	14.6	10.9	150
FEB							
08...	1330	--	456	7.9	11.0	--	150
MAR							
10...	0745	--	444	8.4	21.3	9.5	140
APR							
11...	1200	--	385	8.9	19.2	9.5	120
MAY							
08...	1400	--	381	8.2	24.0	8.5	130
JUN							
20...	1230	--	393	8.8	28.4	6.8	130
JUL							
17...	1400	--	392	8.3	32.0	5.3	130
AUG							
22...	1015	--	426	8.4	31.9	7.1	150

MISSISSIPPI RIVER DELTA

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
OCT 06...	39.3	<10	13.7	E2	26.5	3.9	124	28.5	.2	43.8	<.020	1.1
NOV 01...	38.0	<10	14.5	8	34.0	4.1	124	39.8	.2	58.9	<.020	.70
DEC 07...	46.7	<10	24.9	E1	123	6.5	128	194	.2	92.5	<.020	.73
JAN 10...	38.1	<10	13.4	<2	35.3	3.8	107	43.6	.2	66.5	<.020	.76
FEB 08...	39.2	<10	12.5	3	30.2	3.9	112	35.2	.2	59.5	.035	.94
MAR 10...	37.4	<10	12.1	6	28.2	3.2	106	34.7	.2	56.5	.035	.72
APR 11...	31.1	<10	10.9	<2	27.0	3.5	98	31.4	.3	46.1	<.020	1.0
MAY 08...	33.9	<10	11.0	<2	25.3	3.5	99	30.8	.2	45.2	<.020	.70
JUN 20...	33.2	<10	11.3	<2	27.7	3.5	97	31.6	.2	43.7	<.020	1.1
JUL 17...	32.7	<10	10.8	2	24.5	3.4	98	28.2	.2	38.4	<.020	.89
AUG 22...	38.8	<10	12.8	7	26.6	3.9	118	26.0	.2	49.6	.052	.79
DATE	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	2,4-D, DIS- SOLVED (UG/L) (39732)
OCT 06...	.44	<.050	.192	.055	.035	9.6	260	K31	--	36.2	E.9	<.08
NOV 01...	.44	.318	.162	.057	.037	7.8	315	--	--	7.9	<.1	--
DEC 07...	.34	.130	.117	.027	.013	6.4	584	K20	K58	20.5	<.1	<.08
JAN 10...	.31	.346	.134	.019	<.010	4.8	298	K26	K31	30.8	1.8	<.08
FEB 08...	.35	.515	.136	.018	.011	4.2	268	<3	93	8.5	<.1	<.08
MAR 10...	.33	.648	.091	.022	<.010	3.4	262	--	--	7.4	.2	E.05
APR 11...	.31	.078	.156	.017	.010	2.0	227	100	--	12.2	.6	E.05
MAY 08...	.36	.179	.126	.021	.010	3.6	228	100	--	31.2	.8	E.04
JUN 20...	.40	<.050	.173	.047	.028	6.0	232	K40	--	--	--	--
JUL 17...	.36	.252	.184	.067	.051	7.7	226	90	190	68.8	2.6	E.03
AUG 22...	.39	.570	.176	.103	.080	5.4	256	K23	32	26.1	.6	<.08

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
OCT 06...	<.05	<.06	<.06	<.16	<.03	<.08	E.01	<.08	<.06	<.06	<.04	<.07
NOV 01...	--	--	--	--	--	--	--	--	--	--	--	--
DEC 07...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
JAN 10...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
FEB 08...	<.05	<.06	<.06	<.16	--	<.08	<.02	<.08	<.06	<.06	<.04	<.07
MAR 10...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
APR 11...	<.05	<.06	<.06	<.16	--	<.08	M	<.08	<.06	E1.07	<.04	<.07
MAY 08...	<.05	<.06	<.06	<.16	<.03	<.08	E.01	<.08	<.06	<.06	<.04	<.07
JUN 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUL 17...	<.05	<.06	<.06	<.16	<.03	<.08	E.01	<.08	<.06	<.06	<.04	<.07
AUG 22...	<.05	<.06	E.01	<.16	<.03	<.08	E.03	E.01	<.06	<.06	<.04	--
DATE	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
OCT 06...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
NOV 01...	--	--	--	--	--	--	--	--	--	--	--	--
DEC 07...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
JAN 10...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
FEB 08...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
MAR 10...	<.10	<.05	<.04	E.02	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
APR 11...	.39	<.05	<.04	.53	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
MAY 08...	<.10	<.05	<.04	E.06	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
JUN 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUL 17...	<.10	<.05	<.04	E.04	<.07	E.04	<.07	<.06	<.06	<.08	<.08	<.07
AUG 22...	<.10	<.05	<.04	E.04	<.07	E.01	<.07	<.06	<.06	<.08	<.08	<.07

MISSISSIPPI RIVER DELTA

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)
OCT 06...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	6.8	>4.0	<.003	<.002	<.002
NOV 01...	--	--	--	--	--	--	--	5.9	2.3	<.003	<.002	<.002
DEC 07...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	5.3	1.7	<.003	<.002	<.002
JAN 10...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	5.8	3.3	<.003	<.006	<.002
FEB 08...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	5.2	2.0	<.003	<.005	E.004
MAR 10...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	5.5	2.2	<.003	<.002	<.002
APR 11...	<.08	<.07	<.02	<.07	<.07	<.06	<.14	6.1	3.0	<.003	.005	<.002
MAY 08...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	6.3	2.1	<.003	.017	<.002
JUN 20...	--	--	--	--	--	--	--	6.0	3.2	<.003	.020	.006
JUL 17...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	5.6	1.9	<.003	<.005	<.002
AUG 22...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	4.5	1.3	<.003	.008	<.007

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)
OCT 06...	<.002	.304	<.002	<.002	<.003	<.003	<.004	.025	<.002	E.087	<.002
NOV 01...	<.002	.198	<.002	<.002	<.003	<.003	<.004	.017	<.002	E.040	<.002
DEC 07...	<.002	.224	<.002	<.002	<.003	<.003	<.004	.012	<.002	E.046	<.002
JAN 10...	<.002	.466	<.002	<.002	<.003	<.003	<.004	.012	<.002	E.046	E.004
FEB 08...	<.002	.273	<.002	<.002	<.003	<.003	<.004	.006	<.002	E.036	<.002
MAR 10...	<.002	.392	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.050	<.002
APR 11...	<.002	.755	<.002	<.002	<.003	<.010	<.004	.015	<.002	E.075	E.002
MAY 08...	<.002	.649	<.002	<.002	<.003	<.003	<.004	.010	<.002	E.060	E.002
JUN 20...	<.002	.993	<.002	<.002	<.003	<.003	<.004	.011	<.002	E.11	<.002
JUL 17...	<.002	.072	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.019	<.002
AUG 22...	<.002	.479	<.002	<.002	<.003	<.003	<.004	.024	<.002	E.12	<.002

MISSISSIPPI RIVER DELTA

343

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT 06...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
NOV 01...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DEC 07...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JAN 10...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
FEB 08...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAR 10...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
APR 11...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAY 08...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JUN 20...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.010	<.020
JUL 17...	<.001	<.017	E.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
AUG 22...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DATE	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P, P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
OCT 06...	.031	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.010
NOV 01...	.030	.018	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
DEC 07...	.021	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.010
JAN 10...	.030	.023	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.008
FEB 08...	.030	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.005
MAR 10...	.026	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.005
APR 11...	.084	.022	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.006
MAY 08...	.075	.005	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.006
JUN 20...	.130	<.006	.010	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.011
JUL 17...	.010	<.004	.058	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.005
AUG 22...	.077	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.012

MISSISSIPPI RIVER DELTA

073814675 BAYOU BOEUF AT RAILROAD BRIDGE AT AMELIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT 06...	<.003	<.007	<.004	--	.017	.013	<.007	<.013	<.002	<.001	<.002
NOV 01...	<.003	<.007	<.004	<.013	.021	<.010	<.007	<.013	<.002	<.001	<.002
DEC 07...	<.003	<.007	<.004	<.013	.016	.011	E.032	<.013	<.002	<.001	<.002
JAN 10...	<.003	<.007	<.004	<.013	.041	E.010	E.032	<.013	<.002	<.001	<.002
FEB 08...	<.003	<.007	<.004	<.013	.027	E.008	<.007	<.013	<.002	<.001	<.002
MAR 10...	<.003	<.007	<.004	<.013	.035	<.010	<.007	<.013	<.002	<.001	<.002
APR 11...	<.003	<.007	<.004	<.013	.044	.010	<.007	<.013	<.002	<.001	<.002
MAY 08...	<.003	<.007	<.004	<.013	.041	.012	<.007	<.013	<.002	<.001	<.002
JUN 20...	<.003	<.007	<.004	<.013	.047	.013	E.009	<.013	<.002	<.001	<.002
JUL 17...	<.003	<.007	<.004	<.013	<.005	.155	<.007	<.013	.006	<.001	<.002
AUG 22...	<.003	<.007	<.004	<.013	.032	.012	E.007	<.013	<.002	<.001	<.002

E Estimated value.

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

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

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

M Presence of material verified but not quantified.

E Estimated value.

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

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

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

M Presence of material verified but not quantified.

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 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
07...	1100	45000	95	11500	99
NOV					
02...	1100	49600	138	18500	100
DEC					
07...	1100	61300	101	16700	94
28...	1000	122000	124	40600	78
JAN					
11...	1100	80400	122	26500	92
25...	1130	83400	348	78300	97
FEB					
08...	1200	59100	201	32000	95
29...	1100	205000	686	379000	76
MAR					
14...	1200	195000	246	130000	74
28...	1100	167000	216	97000	81
APR					
11...	1200	95500	206	53000	100
25...	1200	174000	180	84700	87
MAY					
09...	1130	132000	134	47800	96
23...	1100	75200	217	44000	99
JUN					
13...	1200	119000	143	46000	96
JUL					
18...	1100	152000	184	75200	90
AUG					
01...	1230	122000	151	49700	88
SEP					
26...	1000	64400	390	67800	99

RED RIVER BASIN

310355091411500 OLD RIVER OUTFLOW CHANNEL (KNOX LANDING) SOUTH OF BLACK HAWK, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12000	16000	14000	25000	44000	426000	134000	63000	36000	91000	50000	65000
2	12000	18000	13000	22000	44000	431000	129000	72000	44000	97000	49000	63000
3	12000	20000	12000	20000	46000	410000	129000	71000	52000	103000	50000	70000
4	11000	26000	10000	17000	43000	385000	115000	67000	60000	110000	48000	73000
5	11000	27000	10000	13000	37000	341000	86000	62000	75000	118000	44000	78000
6	11000	25000	11000	15000	38000	342000	76000	56000	81000	123000	43000	74000
7	11000	22000	17000	15000	38000	329000	71000	46000	79000	123000	41000	76000
8	12000	21000	20000	12000	32000	293000	64000	48000	74000	124000	44000	73000
9	14000	20000	22000	15000	30000	249000	59000	48000	67000	122000	45000	68000
10	13000	22000	21000	15000	30000	205000	54000	48000	62000	124000	44000	52000
11	17000	22000	20000	26000	30000	176000	53000	47000	59000	112000	45000	49000
12	18000	22000	19000	43000	30000	171000	63000	47000	53000	106000	44000	48000
13	17000	26000	17000	62000	30000	150000	80000	47000	46000	95000	45000	53000
14	19000	26000	15000	75000	29000	130000	87000	42000	40000	93000	46000	49000
15	20000	22000	20000	80000	23000	113000	91000	33000	33000	87000	48000	49000
16	19000	240000	22000	82000	30000	91000	101000	43000	32000	82000	52000	48000
17	19000	26000	30000	85000	34000	73000	132000	54000	32000	79000	56000	46000
18	21000	23000	36000	89000	33000	60000	120000	63000	32000	75000	61000	46000
19	21000	20000	34000	78000	28000	51000	116000	64000	32000	68000	66000	54000
20	25000	18000	31000	77000	31000	46000	113000	62000	30000	63000	71000	51000
21	25000	16000	39000	83000	43000	45000	102000	60000	27000	64000	72000	54000
22	25000	16000	43000	90000	68000	57000	91000	60000	31000	64000	76000	65000
23	24000	15000	43000	89000	105000	64000	88000	44000	36000	63000	70000	74000
24	22000	15000	47000	81000	133000	65000	91000	20000	42000	61000	63000	76000
25	21000	14000	45000	78000	191000	71000	85000	26000	48000	62000	56000	69000
26	20000	14000	44000	76000	252000	74000	73000	20000	55000	64000	48000	68000
27	17000	15000	41000	74000	299000	80000	63000	13000	71000	66000	46000	76000
28	17000	15000	41000	70000	311000	97000	57000	8000	85000	62000	45000	70000
29	20000	16000	38000	56000	379000	117000	56000	11000	99000	60000	52000	63000
30	20000	14000	37000	53000	---	125000	58000	15000	95000	58000	54000	53000
31	20000	---	30000	53000	---	133000	---	21000	---	57000	62000	---
MEAN	17600	27100	27200	53800	84900	174000	87900	44500	53600	86300	52800	61800
MAX	25000	240000	47000	90000	379000	431000	134000	72000	99000	124000	76000	78000
MIN	11000	14000	10000	12000	23000	45000	53000	8000	27000	57000	41000	46000

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA

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 TEMPERATURES: December 1975 to September 1976, October 1977 to September 1984, May 1990 to August 1992, discontinued.

CHLORIDE: October 1974 to September 1984, May 1990 to August 1992, discontinued.

SUSPENDED-SEDIMENT DISCHARGE: October 1972 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 03045.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 627 micromhos Nov. 17, 1978; minimum daily, 179 micromhos Feb. 21, 1979.

WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 1981; minimum daily, 2.0°C Jan. 18-20, Feb. 3, 6, 7, 1978, Jan. 15, 1979, Jan. 14, 1982.

CHLORIDE: Maximum daily, 150 mg/L June 9, 13, 14, 1977; minimum daily, 9.1 mg/L May 14, 1991.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 1,240,000 tons Dec. 15, 1982; minimum daily, 2,000 tons Oct. 3-5, 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
13...	1000	72900	169	33300	96
NOV					
09...	1000	60200	94	15300	100
DEC					
06...	1245	77600	95	19900	99
21...	0930	140000	227	85900	95
JAN					
05...	1000	66600	107	19200	100
19...	1000	132000	359	128000	98
FEB					
02...	1000	77600	401	83900	100
15...	1115	62100	191	32000	100
MAR					
02...	1130	273000	528	390000	81
15...	1100	204000	232	128000	80
APR					
05...	1030	283000	461	352000	84
19...	1100	323000	229	200000	69
MAY					
04...	1430	191000	142	73500	86
24...	1000	118000	127	40500	99
JUN					
07...	1000	201000	183	99300	85
JUL					
19...	1000	173000	156	72900	96
AUG					
09...	1030	108000	109	31500	99
SEP					
13...	1000	73400	135	26900	100

MISSISSIPPI RIVER DELTA

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23000	16000	16000	39000	88000	346000	270000	70000	52000	131000	48000	31000
2	25000	15000	17000	35000	84000	390000	273000	73000	60000	135000	43000	32000
3	25000	14000	20000	28000	79000	386000	299000	72000	67000	140000	42000	34000
4	25000	17000	19000	29000	84000	383000	355000	73000	73000	141000	41000	35000
5	23000	18000	21000	19000	69000	350000	351000	74000	85000	141000	36000	37000
6	22000	18000	20000	20000	61000	341000	319000	81000	92000	140000	35000	33000
7	23000	17000	25000	25000	60000	331000	295000	79000	99000	141000	31000	33000
8	27000	16000	29000	21000	54000	291000	267000	84000	99000	139000	30000	35000
9	36000	15000	35000	30000	49000	255000	248000	89000	97000	138000	31000	36000
10	29000	18000	35000	30000	45000	220000	227000	90000	91000	134000	29000	31000
11	31000	18000	35000	41000	43000	198000	213000	87000	85000	126000	32000	29000
12	34000	18000	34000	59000	41000	195000	209000	85000	82000	117000	31000	25000
13	33000	21000	39000	86000	43000	173000	215000	83000	75000	108000	30000	27000
14	33000	23000	30000	105000	39000	151000	221000	78000	69000	102000	29000	26000
15	33000	20000	41000	110000	32000	128000	219000	65000	60000	92000	31000	25000
16	33000	19000	41000	115000	36000	117000	209000	65000	57000	86000	32000	23000
17	30000	23000	57000	121000	40000	107000	226000	67000	54000	82000	33000	21000
18	28000	21000	72000	131000	39000	99000	212000	69000	54000	78000	37000	22000
19	26000	19000	81000	128000	40000	92000	199000	67000	57000	73000	38000	25000
20	29000	19000	76000	116000	30000	96000	192000	61000	61000	67000	43000	26000
21	26000	16000	86000	111000	37000	98000	181000	59000	62000	64000	39000	23000
22	26000	18000	92000	117000	50000	113000	164000	59000	65000	65000	42000	25000
23	26000	18000	84000	114000	76000	131000	148000	54000	69000	63000	39000	27000
24	23000	18000	87000	107000	98000	142000	140000	40000	78000	57000	36000	28000
25	22000	17000	84000	94000	138000	149000	127000	41000	86000	58000	34000	25000
26	21000	16000	80000	92000	184000	154000	113000	41000	94000	55000	27000	25000
27	19000	16000	68000	88000	229000	162000	95000	39000	107000	57000	28000	24000
28	17000	17000	70000	99000	249000	184000	84000	35000	118000	53000	26000	23000
29	19000	18000	59000	83000	280000	210000	74000	35000	128000	53000	25000	26000
30	18000	17000	55000	82000	---	230000	71000	37000	131000	52000	25000	24000
31	22000	---	47000	88000	---	255000	---	41000	---	52000	29000	---
MEAN	26000	17900	50200	76200	82700	209000	207000	64300	80200	94800	33900	27900
MAX	36000	23000	92000	131000	280000	390000	355000	90000	131000	141000	48000	37000
MIN	17000	14000	16000	19000	30000	92000	71000	35000	52000	52000	25000	21000

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°41'26", long 91°44'10", in SW 1/4 NW 1/4 sec. 26, T. 4 S., R. 7 E., St. Helena Meridian, St. Landry-Pointe Coupee Parish line, Hydrologic Unit 08080101, at bridge on Texas and Pacific Railroad in Melville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1978 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1979 to September 1981.

WATER TEMPERATURES: May 1979 to September 1981.

REMARKS.--All dissolved constituents are results from water that has be filtered through Gelmar capsule filters.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 632 micromhos Oct. 8, 1981; minimum daily, 207 micromhos May 21, 1980.

WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 24, 1981; minimum daily, 5.5°C Feb. 7, 1980, Jan. 22, 1981.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A temperature of 5.0°C was observed on Jan. 30, 1985. A specific conductance of 177 microsiemens was observed on Feb. 1, 1990.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	TOTAL COLI- FORM, M ENDO MF, WTR (COL/ 100 ML) (31501)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	
NOV 09...	1230	59900	580	7.8	17.0	0	17	9.3	.7	K50	44	K3	
DEC 02...	1030	57600	553	7.7	13.7	0	15	11.5	--	K58	K9	K5	
JAN 26...	1200	91900	440	7.3	8.4	40	43	10.2	.9	--	K31	K37	
FEB 18...	1200	53900	530	7.7	10.3	10	13	13.0	1.8	--	K4	K7	
MAR 15...	0930	199000	440	7.9	13.8	20	55	10.9	3.2	--	K51	110	
30...	1000	226000	376	7.4	15.5	20	61	10.9	1.2	--	K53	80	
APR 13...	0930	245000	278	8.0	17.3	70	69	7.3	1.6	--	620	300	
MAY 11...	1100	199000	330	7.5	--	40	46	7.1	--	--	K60	K13	
24...	1030	109000	352	7.3	25.5	50	43	6.4	1.1	--	K40	8	
JUN 07...	1030	192000	--	7.4	26.0	10	38	6.4	1.0	--	92	K40	
23...	0945	160000	385	7.7	28.2	20	43	6.1	.8	--	K33	K19	
JUL 19...	1130	175000	418	7.7	31.1	20	44	7.0	1.7	--	K25	K18	
AUG 25...	1030	96000	410	8.1	30.5	5	31	7.8	1.5	--	500	K46	
SEP 19...	1130	64800	531	7.8	26.7	5	17	8.6	5.6	--	K35	K10	
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
NOV 09...	180	45.9	16.9	44.3	3.7	128	126	88.1	36.9	.2	6.2	338	
DEC 02...	190	48.0	18.0	42.0	4.0	150	143	94.2	39.1	.2	6.2	340	
JAN 26...	140	35.8	11.3	31.0	3.2	104	103	57.1	30.4	.2	6.0	257	
FEB 18...	180	46.4	15.3	35.9	3.8	138	138	64.4	37.3	.2	6.8	307	
MAR 15...	140	37.8	11.5	31.4	3.3	97	97	52.5	40.1	.2	5.8	253	
30...	120	32.0	9.63	24.6	3.0	82	82	43.0	29.2	.2	6.0	207	
APR 13...	81	21.6	6.50	18.4	3.0	60	58	27.5	21.0	.2	5.5	159	
MAY 11...	110	29.1	8.94	24.1	2.7	74	73	41.3	26.9	.1	5.3	199	
24...	100	26.9	7.98	27.1	2.7	64	64	45.6	34.1	.1	4.8	209	
JUN 07...	120	31.4	10.6	20.2	3.0	103	82	42.5	21.8	.2	4.1	195	
23...	130	33.2	11.3	23.0	3.4	94	89	--	23.7	.2	5.0	219	
JUL 19...	150	38.4	12.5	19.7	3.5	109	107	41.3	22.4	.2	7.2	236	
AUG 25...	130	33.7	11.6	22.1	3.3	103	103	51.7	21.7	.3	4.6	234	
SEP 19...	190	46.9	16.5	39.4	4.0	134	136	69.2	36.2	.2	3.3	314	

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L) AS N) (00623)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L) AS SB) (01095)	ARSENIC DIS- SOLVED (UG/L) AS AS) (01000)
NOV 09...	321	<.010	.577	<.020	.41	.18	.121	.065	.055	--	--	E1.9
DEC 02...	341	<.010	.651	.022	.36	.25	.101	.053	.035	2	<1	E1.8
JAN 26...	241	.016	1.03	.065	.54	.28	.183	.068	.001	--	--	<2.0
FEB 18...	297	.012	.918	.090	.54	.40	.102	.043	.038	5	<1	<2.0
MAR 15...	247	.026	1.35	<.020	.69	.31	.168	.061	.055	--	--	E1.2
30...	202	.025	1.20	<.020	.70	.33	.240	.064	.060	--	--	<2.0
APR 13...	142	.016	.629	.029	.81	.41	.284	.053	.040	--	--	E1.7
MAY 11...	187	<.010	.882	<.020	.63	.32	.132	.065	.058	20	<1	E1.1
24...	190	<.010	.625	<.020	.58	.28	.165	.055	.052	--	--	<2.0
JUN 07...	188	<.010	1.09	<.020	.60	.26	.249	.073	.060	--	--	<2.0
23...	--	<.010	--	<.020	.59	.34	.178	.087	.079	--	--	E1.8
JUL 19...	220	<.010	2.41	<.020	.67	.28	.249	.113	.099	3	<1	2.4
AUG 25...	215	<.010	.879	<.020	.48	.23	.165	.090	.093	--	--	E1.5
SEP 19...	300	<.010	.560	<.020	.52	.31	.134	.078	.065	--	--	2.1
DATE	BARIIUM, DIS- SOLVED (UG/L) AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L) AS BE) (01010)	BORON, DIS- SOLVED (UG/L) AS B) (01020)	CADMIUM DIS- SOLVED (UG/L) AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L) AS CR) (01030)	COBALT, DIS- SOLVED (UG/L) AS CO) (01035)	COPPER, DIS- SOLVED (UG/L) AS CU) (01040)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	LEAD, DIS- SOLVED (UG/L) AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L) AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO) (01060)
NOV 09...	--	--	71	--	--	--	--	<10	--	14.9	--	--
DEC 02...	81	<1	75	<1.0	<.8	<1	2	<10	<1	12.8	2	3
JAN 26...	--	--	55	--	--	--	--	<10	--	<3.9	--	--
FEB 18...	74	<1	61	<1.0	<1.0	<1	2	E10	<1	7.8	19	2
MAR 15...	--	--	45	--	--	--	--	<10	--	5.1	--	--
30...	--	--	38	--	--	--	--	10	--	5.0	--	--
APR 13...	--	--	33	--	--	--	--	50	--	E3.8	--	--
MAY 11...	54	<1	43	<1.0	<.8	<1	2	30	<1	5.4	<1	1
24...	--	--	44	--	--	--	--	30	--	E2.5	--	--
JUN 07...	--	--	44	--	--	--	--	20	--	5.4	--	--
23...	--	--	44	--	--	--	--	10	--	5.0	--	--
JUL 19...	60	<1	46	<1.0	<.8	<1	3	E10	<1	5.4	<1	2
AUG 25...	--	--	54	--	--	--	--	<10	--	7.3	--	--
SEP 19...	--	--	70	--	--	--	--	<10	--	11.0	--	--

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)
NOV 09...	--	<2.4	--	288	<10	--	--	3.6	1.2	<.007	<.002	.014
DEC 02...	2	<2.4	<1	292	<10	<1	2	3.6	.8	<.007	<.002	.031
JAN 26...	--	<2.4	--	208	<10	--	--	4.0	1.2	<.007	<.002	.041
FEB 18...	2	<2.4	<1	268	<10	4	2	4.0	.9	<.007	<.002	.017
MAR 15...	--	<2.4	--	211	<10	--	--	4.5	2.9	<.007	<.002	.051
30...	--	<2.4	--	175	<10	--	--	5.1	2.9	--	--	--
APR 13...	--	<2.4	--	127	<10	--	--	7.1	3.3	<.007	<.002	.026
MAY 11...	2	<2.4	<1	174	<10	4	<1	7.0	1.9	<.007	<.002	.061
24...	--	<2.4	--	192	<10	--	--	6.5	1.0	<.007	<.002	.051
JUN 07...	--	<2.4	--	180	<10	--	--	5.0	1.7	<.007	<.002	.132
23...	--	<2.4	--	198	<10	--	--	8.8	1.4	<.007	<.002	.046
JUL 19...	2	<2.4	<1	181	<10	3	<1	4.5	1.5	<.007	<.002	.038
AUG 25...	--	<2.4	--	178	<10	--	--	3.7	1.0	<.007	<.002	.023
SEP 19...	--	<2.4	--	281	<10	--	--	3.6	1.8	<.007	<.002	.014

DATE	PRO- METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	P, P' DDE DISSOLV (UG/L) (34653)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	LINDANE DIS- SOLVED (UG/L) (39341)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	MALA- THION, DIS- SOLVED (UG/L) (39532)
NOV 09...	E.008	E.040	.018	<.003	<.002	<.006	<.004	<.004	<.001	.042	<.005
DEC 02...	E.008	E.024	<.020	<.003	<.002	<.006	<.004	<.004	<.001	.031	<.005
JAN 26...	E.007	E.030	.009	<.003	<.002	<.006	<.004	<.004	<.001	.059	<.005
FEB 18...	E.005	E.034	<.010	<.003	<.002	<.006	<.004	<.004	<.001	.040	<.005
MAR 15...	E.006	E.030	E.013	<.003	<.002	<.006	<.004	<.004	<.001	.074	<.005
30...	--	--	--	--	--	--	--	--	--	--	--
APR 13...	<.018	E.035	.022	<.003	<.002	<.006	<.004	<.004	<.001	.163	<.005
MAY 11...	E.006	E.060	.033	<.003	<.002	<.006	<.004	<.004	<.001	.382	<.005
24...	E.010	E.066	<.015	<.003	<.002	<.006	<.004	<.004	<.001	.166	.036
JUN 07...	E.008	E.16	.015	<.003	<.002	<.006	<.004	<.004	<.001	.347	.014
23...	E.011	E.16	.037	<.003	<.002	<.006	<.004	<.004	<.001	.362	.037
JUL 19...	E.007	E.22	.024	<.003	<.002	<.006	<.004	<.004	<.001	.268	.006
AUG 25...	E.014	E.063	.025	<.003	<.002	<.006	<.004	<.004	<.001	.057	.023
SEP 19...	E.012	E.055	.008	<.003	<.002	<.006	<.004	<.004	<.001	.033	.007

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PARA- THION, DIS- SOLVED (UG/L) (39542)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	METRI- BUZIN SENSOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U (UG/L) (82665)
NOV											
09...	<.004	<.002	.160	<.002	<.010	<.004	<.003	<.002	<.004	<.002	<.007
DEC											
02...	<.004	.009	.106	<.002	<.002	<.004	<.003	<.002	<.004	<.002	<.007
JAN											
26...	<.004	<.002	.132	.007	.008	<.004	<.003	<.002	<.004	<.002	<.007
FEB											
18...	<.004	.005	.122	<.005	<.010	<.004	<.003	<.002	<.004	<.002	<.007
MAR											
15...	<.004	.005	.172	<.002	.018	<.004	<.003	<.002	<.004	<.002	<.007
30...	--	--	--	--	--	--	--	--	--	--	--
APR											
13...	<.004	.006	.659	.009	.024	.008	<.003	<.002	<.004	<.002	<.007
MAY											
11...	<.004	.008	1.26	.019	.057	.026	<.003	<.002	<.004	<.002	<.007
24...	<.004	.008	.810	.029	.044	.012	<.003	<.002	<.004	<.002	<.007
JUN											
07...	<.004	E.003	1.51	.025	.204	.021	<.003	<.002	<.004	<.002	<.007
23...	<.004	E.002	1.18	.015	.132	.013	<.003	<.002	<.004	<.002	<.007
JUL											
19...	<.004	<.002	.892	.008	.052	.007	<.003	<.002	<.004	<.002	<.007
AUG											
25...	<.004	E.003	.218	.005	.008	<.004	<.003	<.002	<.004	<.002	<.007
SEP											
19...	<.004	<.002	.151	<.002	E.004	<.004	<.003	<.002	<.004	<.002	<.007
DATE	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
NOV											
09...	<.002	<.006	<.002	<.004	E.010	<.004	<.003	<.002	<.003	<.013	<.003
DEC											
02...	<.002	<.006	<.002	<.004	<.020	<.004	<.003	<.002	<.003	<.013	<.003
JAN											
26...	<.002	<.006	<.002	<.004	E.008	<.004	<.003	<.002	<.003	<.013	<.003
FEB											
18...	<.002	<.006	<.002	<.004	E.008	<.004	<.003	<.002	<.003	<.013	<.003
MAR											
15...	<.002	<.006	<.002	<.004	E.010	<.004	<.003	<.002	<.003	<.013	<.003
30...	--	--	--	--	--	--	--	--	--	--	--
APR											
13...	<.002	<.006	<.002	<.004	E.012	<.004	<.003	<.002	E.012	<.013	<.003
MAY											
11...	<.002	<.006	<.002	<.004	.010	<.004	<.003	<.002	E.012	<.013	<.003
24...	<.002	<.006	<.002	<.004	.015	.016	<.003	<.002	E.011	<.013	<.003
JUN											
07...	<.002	<.006	<.002	<.004	E.010	.005	<.003	<.002	<.003	<.013	<.003
23...	<.002	<.006	<.002	<.004	.014	.013	<.003	<.002	<.003	<.013	<.003
JUL											
19...	<.002	<.006	<.002	<.004	E.009	.010	<.003	<.002	<.003	<.013	<.003
AUG											
25...	<.002	<.006	<.002	<.004	.010	<.004	<.003	<.002	<.003	<.013	<.003
SEP											
19...	<.002	<.006	<.002	<.004	.010	<.004	<.003	<.002	<.003	<.013	<.003

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
NOV											
09...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
DEC											
02...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JAN											
26...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
FEB											
18...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
MAR											
15...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
30...	--	--	--	--	--	--	--	--	--	--	--
APR											
13...	<.017	<.001	<.004	<.003	<.002	<.002	<.008	<.003	<.013	<.001	<.005
MAY											
11...	<.017	<.001	<.004	<.003	<.002	<.002	.010	<.003	<.013	<.001	<.005
24...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUN											
07...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
23...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
JUL											
19...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
AUG											
25...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	<.013	<.001	<.005
SEP											
19...	<.017	<.001	<.004	<.003	<.002	<.002	<.004	<.003	--	<.001	<.005

DATE	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	AN- TIMONY SED. SUSP. (UG/G) (29816)	ARSENIC SED. SUSP. (UG/G) (29818)	BARIUM SED. SUSP. (UG/G) (29820)	BERYL- LIUM SED. SUSP. (UG/G) (29822)	CADMIUM SED. SUSP. (UG/G) (29826)	CHRO- MIUM SED. SUSP. (UG/G) (29829)
NOV											
09...	4.4	E.2	43	6950	99	--	--	--	--	--	--
DEC											
02...	5.2	E.2	27	4200	100	4.0	16	270	2	.6	65
JAN											
26...	2.1	<.1	68	16900	98	--	--	--	--	--	--
FEB											
18...	3.2	.2	19	2770	99	1.4	16	540	2	.3	60
MAR											
15...	1.5	<.1	139	74700	91	--	--	--	--	--	--
30...	1.0	<.1	173	106000	88	--	--	--	--	--	--
APR											
13...	E1.9	<.1	270	179000	89	--	--	--	--	--	--
MAY											
11...	2.5	.1	125	67200	93	1.6	13	550	2	.5	70
24...	.9	<.1	99	29100	99	--	--	--	--	--	--
JUN											
07...	1.1	<.1	129	66900	91	--	--	--	--	--	--
23...	1.5	<.1	81	35000	95	--	--	--	--	--	--
JUL											
19...	3.3	.2	145	68500	92	.9	10	620	2	.5	78
AUG											
25...	5.3	.2	44	11400	99	--	--	--	--	--	--
SEP											
19...	9.5	.4	23	4020	100	--	--	--	--	--	--

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued
(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	COPPER SED. SUSP. (UG/G) (29832)	LEAD SED. SUSP. (UG/G) (29836)	MAN- GANESE SED. SUSP. (UG/G) (29839)	MERCURY SED. SUSP. (UG/G) (29841)	MOLYB- DENUM SED. SUSP. (UG/G) (29843)	NICKEL SED. SUSP. (UG/G) (29845)	SELE- NIUM SED. SUSP. (UG/G) (29847)	SILVER SED. SUSP. (UG/G) (29850)	VANA- DIUM SED. SUSP. (UG/G) (29853)	ZINC SED. SUSP. (UG/G) (29855)	ALUM- INUM SED, SUS PERCENT (30221)
NOV 09...	--	--	--	--	--	--	--	--	--	--	--
DEC 02...	29	11	3100	--	<10	45	1	<1	110	140	6.0
JAN 26...	--	--	--	--	--	--	--	--	--	--	--
FEB 18...	25	27	2200	--	<10	35	1	<1	84	160	5.0
MAR 15...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
APR 13...	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	24	24	1500	.07	<5	37	1	<1	99	110	6.8
24...	--	--	--	--	--	--	--	--	--	--	--
JUN 07...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
JUL 19...	26	29	1500	1.1	2	52	1	<1	100	130	6.4
AUG 25...	--	--	--	--	--	--	--	--	--	--	--
SEP 19...	--	--	--	--	--	--	--	--	--	--	--

DATE	CARBON SED. SUSP. PERCENT (30244)	IRON SEDI- MENT SUSP. PERCENT (30269)	PHOS- PHORUS SEDI- MENT SUSP. PERCENT (30292)	TITA- NIUM SEDI- MENT SUSP. PERCENT (30317)	COBALT SEDI- MENT SUSP. (UG/G) (35031)	STRON- TIUM SEDI- MENT SUSP. (UG/G) (35040)	URANIUM SEDI- MENT SUSP. (UG/G) (35046)	LITHIUM SEDI- MENT SUSP. (UG/G) (35050)	THAL- LIUM SUS SED (UG/G) (49955)	SEDI- MENT SUSP., FLOW- THROUGH CENTRIF (MG/L) (50279)	CARBON, ORGANIC SUS- PENDE, TOTAL PERCENT (50465)
NOV 09...	--	--	--	--	--	--	--	--	--	--	--
DEC 02...	3.4	3.3	.11	.34	14	330	<100	47	<100	33	--
JAN 26...	--	--	--	--	--	--	--	--	--	--	--
FEB 18...	--	3.0	.14	.28	11	350	<100	42	<100	26	--
MAR 15...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
APR 13...	--	--	--	--	--	--	--	--	--	--	--
MAY 11...	1.9	3.3	.099	.37	15	190	<50	47	<50	110	1.9
24...	--	--	--	--	--	--	--	--	--	--	--
JUN 07...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
JUL 19...	2.0	3.4	.10	.40	15	130	<50	42	<50	121	1.8
AUG 25...	--	--	--	--	--	--	--	--	--	--	--
SEP 19...	--	--	--	--	--	--	--	--	--	--	--

E Estimated value.

< 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).

M Presence of material verified but not quantified.

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 heights only).

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

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 27.28 ft, May 23, 1973, minimum recorded, 0.33 ft, Oct 17, 1976 (from U.S. Army Corps of Engineers).

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 11.96 ft, Apr. 17; minimum elevation, 0.57 ft, Nov. 3.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.11	1.85	1.40	2.66	1.78	8.31	9.65	6.84	4.40	10.04	4.87	2.85
2	2.29	1.21	1.81	2.42	1.67	9.08	9.71	7.02	4.90	10.36	4.45	2.89
3	2.27	1.16	2.42	2.39	1.73	9.66	10.19	7.15	5.30	10.69	4.33	2.72
4	2.31	1.71	2.32	2.26	1.80	10.04	11.00	7.29	5.68	10.85	4.18	2.74
5	1.97	1.64	2.15	---	1.44	10.01	10.98	7.38	6.37	10.89	3.76	2.99
6	1.89	1.73	1.64	1.54	1.42	10.25	10.77	7.68	6.77	10.90	3.51	2.74
7	2.35	1.64	2.05	1.71	1.48	10.62	10.63	7.67	7.03	10.89	3.31	2.77
8	2.90	1.72	2.41	1.58	1.47	10.60	10.40	7.92	7.12	10.87	3.36	3.03
9	3.17	1.76	2.62	2.07	1.37	10.21	10.12	8.19	7.07	10.88	3.40	3.50
10	2.62	2.04	2.55	2.06	1.45	9.75	9.92	8.28	6.82	10.77	3.20	3.03
11	2.44	2.14	2.45	2.14	1.55	9.46	9.82	8.11	6.50	10.40	3.17	2.63
12	2.51	1.94	2.69	2.82	1.61	9.46	9.97	7.96	6.22	9.95	3.12	2.51
13	2.45	2.11	2.70	3.82	1.83	9.11	10.39	7.78	5.87	9.40	3.08	2.44
14	2.44	2.37	1.92	4.09	1.86	8.62	10.81	7.27	5.53	8.94	3.12	2.28
15	2.61	1.99	2.27	4.27	1.61	8.10	11.05	6.39	5.05	8.30	3.22	2.10
16	2.51	1.82	2.07	4.30	1.77	7.51	11.27	6.21	4.90	7.69	3.10	1.79
17	2.36	2.16	3.06	4.19	1.86	6.83	11.85	6.34	4.80	7.19	3.01	1.90
18	1.85	2.17	3.97	4.27	2.05	6.20	11.83	6.52	4.70	6.84	3.22	2.11
19	1.94	1.98	4.18	4.04	1.76	5.67	11.82	6.38	4.81	6.40	3.34	2.43
20	1.62	2.01	4.00	3.59	1.08	5.49	11.82	6.02	4.99	5.98	3.53	2.35
21	1.60	1.86	4.23	3.10	1.42	5.57	11.61	5.65	5.10	5.73	3.39	2.20
22	1.96	2.09	4.44	3.44	1.90	5.88	11.21	5.45	5.24	5.69	3.57	2.51
23	2.02	2.11	4.36	3.31	2.69	6.37	10.84	5.04	5.42	5.75	3.51	2.76
24	1.63	1.88	4.50	2.73	3.25	6.70	10.64	4.28	5.95	5.37	3.29	2.66
25	1.74	1.68	4.45	2.21	4.39	6.80	10.07	4.07	6.48	5.17	3.09	2.24
26	1.76	1.25	4.32	2.05	5.45	6.89	9.41	4.12	7.08	5.08	2.78	1.69
27	1.65	1.60	4.02	1.88	6.25	7.08	8.42	4.07	7.89	5.27	2.78	1.72
28	1.57	1.71	3.94	1.99	6.59	7.56	7.67	3.62	8.79	5.12	2.60	1.67
29	1.83	1.58	3.61	1.56	7.24	8.27	7.01	3.29	9.66	5.09	2.46	1.85
30	1.97	1.11	3.40	1.45	---	8.77	6.78	3.27	9.96	5.12	2.27	2.00
31	2.38	---	3.06	1.64	---	9.32	---	3.72	---	5.10	2.55	---
MAX	3.17	2.37	4.50	---	7.24	10.62	11.85	8.28	9.96	10.90	4.87	3.50
MIN	1.57	1.11	1.40	---	1.08	5.49	6.78	3.27	4.40	5.08	2.27	1.67

MISSISSIPPI RIVER DELTA

0738153841 BAYOU EUGENE 10.1 MILES NORTHEAST OF LOREAUVILLE, LA

LOCATION.--Lat 30°05'47", long 91°34'46", in sec. 8, T. 11 S., R. 9 E., St. Martin Parish, Hydrologic Unit 08080101, on a five-pile platform, 10.1 miles northeast of Loreauville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--July 1993 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is an assumed gage height of 20.00 ft.

REMARKS.--Below recordable stage: Oct. 1-Feb. 26, May 24-Jun. 4, Jun. 14-24, Jul. 20-Sep. 30.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.42 ft, Mar. 28, 29, 1997, minimum recorded, 5.79 ft, Dec. 9, 10, 11, 12, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.54 ft, Apr. 20; minimum recorded gage height, 6.02 ft, Feb. 26.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						7.82	8.75	7.01		9.20		
2						8.42	8.84	7.10		9.41		
3						8.84	9.14	7.20		9.65		
4						9.13	9.59	7.29		9.78		
5						9.14	9.66	7.36	6.45	9.83		
6						9.30	9.59	7.55	6.70	9.85		
7						9.54	9.49	7.55	6.88	9.85		
8						9.58	9.36	7.68	7.00	9.83		
9						9.38	9.17	7.87	7.00	9.86		
10						9.09	---	7.95	6.86	9.83		
11						8.89	---	7.86	6.62	9.60		
12						8.89	---	7.78	6.39	9.33		
13						8.73	---	7.66	6.22	8.97		
14						8.37	---	7.28		8.63		
15						8.03	---	6.60		8.17		
16						7.63	---	6.42		7.72		
17						7.05	---	6.51		7.34		
18						6.53	---	6.68		7.03		
19						6.16	10.50	6.58		6.66		
20						6.09	10.52	6.34				
21						6.09	10.42	6.27				
22						6.14	10.19	6.24	6.21			
23						6.44	10.00	6.23	6.21			
24						6.69	9.87	6.22	6.21			
25						6.78	9.49	6.22	6.43			
26						6.85	9.06	6.22	6.91			
27					6.26	6.99	8.39		7.50			
28					6.52	7.30	7.77		8.15			
29					7.05	7.79	7.21		8.79			
30					---	8.14	7.00		9.08			
31					---	8.48	---		---			
MAX						9.58						
MIN						6.09						

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 heights only).

GAGE.--Water-stage recorder with electromagnetic flowmeter. Datum of gage is 0.69 ft above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.86 ft, Apr. 5, 1997, minimum recorded, 1.98 ft, Sept. 28, 29, 30, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 6.98 ft, Apr. 21, 22; minimum gage height recorded, 3.04 ft, June 2.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	4.79	5.55	3.11	---	---	---
2	---	---	---	---	---	---	4.96	5.38	3.05	---	---	---
3	---	---	---	---	---	---	5.20	5.29	3.09	---	---	---
4	---	---	---	---	---	---	5.46	5.17	3.15	---	---	---
5	---	---	---	---	---	---	5.72	5.11	3.24	---	---	---
6	---	---	---	---	---	---	5.87	5.03	3.33	---	---	---
7	---	---	---	---	---	---	6.01	5.00	3.43	---	---	---
8	---	---	---	---	---	---	6.15	5.00	3.48	---	---	---
9	---	---	---	---	---	---	6.16	5.01	3.65	---	---	---
10	---	---	---	---	---	---	6.16	5.07	3.75	---	---	---
11	---	---	---	---	---	---	6.15	5.15	3.84	---	---	---
12	---	---	---	---	---	---	6.15	5.16	3.85	---	---	---
13	---	---	---	---	---	5.75	6.15	5.16	3.83	---	---	---
14	---	---	---	---	---	5.73	6.16	5.12	3.75	---	---	---
15	---	---	---	---	---	5.62	6.21	4.98	3.65	---	---	---
16	---	---	---	---	---	5.57	6.27	4.86	3.60	---	---	---
17	---	---	---	---	---	5.43	---	4.70	3.60	---	---	---
18	---	---	---	---	---	5.25	---	4.61	3.55	---	---	---
19	---	---	---	---	---	5.19	6.91	4.51	3.56	---	---	---
20	---	---	---	---	---	5.06	6.96	4.42	3.50	---	---	---
21	---	---	---	---	---	4.88	6.98	4.35	3.41	---	---	---
22	---	---	---	---	---	4.77	6.97	4.20	---	---	---	---
23	---	---	---	---	---	4.61	6.96	4.08	---	---	---	---
24	---	---	---	---	---	4.55	6.94	3.93	---	---	---	---
25	---	---	---	---	---	4.52	6.87	3.77	---	---	---	---
26	---	---	---	---	---	4.43	6.69	3.61	---	---	---	---
27	---	---	---	---	---	4.37	6.46	3.50	---	---	---	---
28	---	---	---	---	---	4.37	6.21	3.39	---	---	---	---
29	---	---	---	---	---	4.38	5.98	3.33	---	---	---	---
30	---	---	---	---	---	4.45	5.75	3.30	---	---	---	---
31	---	---	---	---	---	4.61	---	3.21	---	---	---	---
MAX	---	---	---	---	---	---	---	5.55	---	---	---	---
MIN	---	---	---	---	---	---	---	3.21	---	---	---	---

MISSISSIPPI RIVER DELTA

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 heights only).

GAGE.--Water-stage recorder. Datum of gage is 1.28 ft below sea level (from levels provided by U.S. Army Corps of Engineers, May 1, 1996).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded (U.S. Army Corps of Engineers), 17.80 ft, May 24, 1973, minimum gage height recorded (U.S. Army Corps of Engineers), 0.06 ft, undetermined date in 1976.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.13 ft, Apr. 20; minimum gage height, 0.07 ft, Nov. 2, 3.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.67	1.40	.90	---	1.06	4.91	5.71	4.41	2.86	6.03	3.16	2.06
2	1.81	.64	1.33	---	.99	5.33	5.79	4.48	3.15	6.20	2.90	2.04
3	1.79	.73	1.93	---	1.07	5.67	6.04	4.61	3.35	6.40	2.82	1.84
4	1.81	1.17	1.87	---	1.03	5.84	6.33	4.66	3.59	6.53	2.69	1.91
5	1.47	1.04	1.67	---	.70	5.86	6.47	4.70	4.02	6.57	2.39	---
6	1.44	1.17	1.06	---	.77	5.99	6.45	4.85	4.11	6.57	2.23	---
7	1.93	1.09	1.49	---	.83	6.20	6.36	4.84	4.21	6.55	2.20	---
8	2.46	1.19	1.71	---	.86	6.29	6.15	4.91	4.35	6.52	2.32	---
9	2.60	1.27	1.86	---	.76	6.14	6.00	5.07	4.39	6.55	2.30	---
10	2.09	1.51	1.74	---	.89	5.91	5.96	5.10	4.33	6.55	2.17	---
11	1.84	1.58	1.70	1.36	.94	5.70	5.87	5.04	4.14	6.34	2.08	1.93
12	1.90	1.30	2.03	1.74	1.01	5.62	5.94	5.04	3.95	6.10	2.09	1.91
13	1.84	1.47	---	2.30	1.28	5.53	6.10	4.92	3.75	5.80	2.15	1.76
14	1.75	1.65	---	2.34	1.30	5.25	6.28	4.52	3.64	5.51	2.20	1.66
15	1.92	1.30	---	2.65	1.11	5.04	6.49	4.01	3.32	5.15	2.23	1.50
16	1.87	1.17	---	2.66	1.24	4.79	6.66	3.90	3.35	4.84	2.04	1.23
17	1.72	1.45	---	2.60	1.30	4.28	6.95	4.05	3.29	4.57	1.94	1.37
18	1.19	1.52	---	2.70	1.54	3.91	7.02	4.29	3.17	4.35	2.07	1.62
19	1.31	1.38	---	2.61	1.22	3.60	7.07	4.14	3.19	4.06	2.10	1.86
20	.87	1.47	---	2.30	.60	3.42	7.12	3.96	3.31	3.75	2.19	1.73
21	.98	1.39	---	1.93	.88	3.49	6.98	3.63	3.34	3.58	2.16	1.61
22	1.37	1.57	---	2.35	1.19	3.61	6.78	3.46	3.33	3.56	2.22	1.96
23	1.35	1.57	---	2.17	1.72	3.84	6.69	3.28	3.31	3.64	2.27	2.15
24	1.01	1.34	---	1.65	2.02	4.03	6.61	2.88	3.61	3.35	2.26	2.00
25	1.18	1.12	---	1.31	2.80	4.10	6.19	2.75	3.94	3.21	2.19	1.57
26	1.22	.79	---	1.13	3.44	4.18	5.86	2.87	4.31	3.21	2.01	1.02
27	1.16	1.13	---	.98	3.79	4.32	5.34	2.88	4.72	3.39	2.02	1.11
28	1.11	1.17	---	1.10	3.97	4.59	4.89	2.48	5.21	3.31	1.90	1.08
29	1.33	.98	---	.78	4.38	5.03	4.43	2.11	5.71	3.32	1.76	1.16
30	1.52	.52	---	.70	---	5.24	4.33	2.06	5.92	3.39	1.52	---
31	1.78	---	---	.94	---	5.42	---	2.42	---	3.33	1.82	---
MAX	2.60	1.65	---	---	4.38	6.29	7.12	5.10	5.92	6.57	3.16	---
MIN	.87	.52	---	---	.60	3.42	4.33	2.06	2.86	3.21	1.52	---

07381567 BUFFALO COVE AT ROUND ISLAND NEAR CHARENTON, LA

LOCATION.--Lat 29°59'00", long 91°31'30", in sec. 23, T. 12 S., R. 9 E., Iberia Parish, Hydrologic Unit 08080101 on south side of Round Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 26, 1976, to March 14, 1997, station maintained by U.S. Army Corps of Engineers, New Orleans District. March 14, 1997 to current year (gage heights only).

GAGE.--Water-stage recorder. Staff gage set by U.S. Army Corps of Engineers, New Orleans District. Datum of gage is sea level.

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, 8.44 ft, Apr. 21; minimum gage height recorded, 2.15 ft, Oct. 7, 18, Dec. 15, Jan. 2, 4, 8, 26, Feb. 17, 18, 23.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.23	---	---	2.52	---	5.71	6.75	6.14	3.77	6.95	4.38	2.69
2	2.49	---	---	2.31	---	6.11	6.89	6.10	4.09	7.11	4.09	2.70
3	2.44	---	---	2.46	---	6.43	7.07	6.10	4.33	7.28	3.96	2.52
4	2.46	---	---	2.27	---	6.69	7.35	6.11	4.56	7.42	3.83	2.51
5	2.28	---	---	---	---	6.78	7.51	6.11	4.93	7.52	3.53	2.78
6	---	---	---	---	---	6.90	7.61	6.18	5.18	7.58	3.28	2.59
7	2.47	---	---	---	---	7.06	7.65	6.20	5.32	7.63	3.14	2.63
8	2.94	---	---	---	---	7.19	7.67	6.22	5.44	7.67	3.15	2.85
9	3.24	---	2.40	---	---	7.19	7.57	6.31	5.48	7.74	3.15	3.34
10	2.77	---	2.44	---	---	7.12	7.54	6.38	5.46	7.79	3.00	2.97
11	2.59	---	2.34	---	---	7.09	7.50	6.38	5.34	7.75	2.95	2.57
12	2.59	---	2.60	---	---	7.06	7.49	6.36	5.21	7.65	2.92	2.52
13	2.56	---	2.62	3.13	---	7.02	7.56	6.33	5.03	7.50	2.92	2.42
14	2.50	---	---	3.33	---	6.91	7.66	6.15	4.85	7.28	2.93	2.37
15	2.60	---	2.19	3.51	---	6.76	7.78	5.74	4.55	6.99	3.00	---
16	2.59	---	---	3.61	---	6.54	7.89	5.50	4.43	6.68	2.87	---
17	2.49	---	2.61	3.51	---	6.18	8.09	5.48	4.39	6.38	2.74	---
18	---	---	3.33	3.59	---	5.83	8.23	5.54	4.27	6.13	2.88	---
19	---	---	3.52	3.51	---	5.56	8.33	5.50	4.27	5.86	2.94	2.55
20	---	---	3.48	3.24	---	5.33	8.41	5.33	4.35	5.55	3.09	2.46
21	---	---	3.60	2.80	---	5.24	8.43	5.09	4.39	5.33	3.01	---
22	---	---	3.72	3.06	---	5.25	8.35	4.91	4.42	5.22	3.13	2.83
23	---	---	3.70	3.01	2.46	5.36	8.25	4.67	4.45	5.19	3.16	2.95
24	---	---	3.76	2.57	2.77	5.50	8.20	4.25	4.68	5.00	3.02	2.83
25	---	---	3.74	---	3.53	5.54	8.01	4.01	4.98	4.82	2.89	---
26	---	---	3.65	---	4.21	5.56	7.75	3.98	5.31	4.69	2.67	---
27	---	---	3.46	---	4.67	5.65	7.37	3.94	5.67	4.72	2.67	---
28	---	---	3.37	---	4.89	5.77	6.94	3.63	6.08	4.65	2.56	---
29	---	---	3.17	---	5.23	6.06	6.51	3.33	6.50	4.56	2.46	---
30	---	---	3.00	---	---	6.32	6.25	3.18	6.78	4.57	2.38	---
31	---	---	2.76	---	---	6.53	---	3.38	---	4.50	2.49	---
MAX	---	---	---	---	---	7.19	8.43	6.38	6.78	7.79	4.38	---
MIN	---	---	---	---	---	5.24	6.25	3.18	3.77	4.50	2.38	---

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA

LOCATION.--Lat 29°41'52", long 91°22'22", in sec. 56, T. 15 S., R. 11 E., St. Mary Parish, Hydrologic Unit 08080101 at Southern Railways System Bridge, 160 ft downstream from State Highway 90, 0.4 mi downstream from Bayou Teche, 0.5 mi west of Calumet, and 9.8 mi west of Morgan City.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1976 to May 1986 (elevations and discharge measurements only), June 1986 to current year.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is mean sea level. Reverse flow at times during the year.

REMARKS.--No estimated daily discharges. Records fair. Relief outlet for Atchafalaya basin; discharge and elevations are affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 8.51 ft, Apr. 5, 1997, minimum, -1.15 ft, Dec. 23, 1989.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1942, 11.02 ft, present datum, May 27, 1973; minimum, -2.82 ft, present datum, Oct. 18, 1948 (from records of Corps of Engineers, New Orleans District).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 131,000 ft³/s, July 4; maximum elevation, 4.72 ft, Apr. 23; maximum negative discharge, -17,100 ft³/s, Feb. 18; minimum elevation, -0.08 ft, Nov. 2.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20700	26600	24700	39800	31200	82900	84600	63100	41500	110000	58000	35200
2	23300	30600	18600	35200	30600	88600	87700	65400	46600	114000	53700	37900
3	24300	17600	21400	25400	31700	83700	84300	64300	56000	114000	52500	40100
4	25600	26600	24200	47600	36300	87500	98700	66200	56200	114000	48200	37800
5	26500	27800	33500	27200	35000	88300	103000	65900	60100	111000	38400	41000
6	22200	25700	32400	25000	30500	89400	112000	68900	70600	107000	36200	38300
7	19300	26700	28000	30900	31500	93800	110000	70500	67200	108000	28200	33100
8	17400	22900	34300	23200	29900	95800	115000	73200	66700	110000	29800	35200
9	32500	22400	34100	26500	31100	97400	104000	75700	65200	113000	31500	28900
10	31900	23200	41000	33100	25800	93600	102000	78200	62200	113000	30700	38200
11	31400	26400	33700	35200	28700	96900	103000	73000	60700	110000	32300	31000
12	31100	29600	28300	40500	28700	93600	101000	69000	60800	106000	30200	24500
13	29400	26700	45400	50600	22900	93500	110000	74400	61500	101000	29000	27900
14	29800	31600	30300	55500	30600	89800	111000	73900	60000	97700	26300	28500
15	29700	32100	42500	50900	20500	82700	110000	66100	59700	87100	28800	25900
16	30500	27400	35400	54600	27600	81600	111000	63900	51300	79200	28500	23900
17	32600	31200	42000	52100	25500	76400	118000	64500	50500	74800	27600	23300
18	31500	32000	51300	52400	23900	67900	118000	61400	51200	71800	29000	22200
19	30300	29100	53000	49900	32600	64100	118000	66400	51000	68800	27300	25200
20	34000	27600	56400	51600	26000	58000	118000	63300	49500	64700	28400	28400
21	29300	21500	55700	44800	26700	56000	121000	65500	50900	60800	27800	26600
22	25100	24100	56700	39900	31400	58400	117000	63400	53600	59100	35900	20800
23	30300	25000	54700	45200	37300	62700	106000	57800	53700	58800	34300	---
24	27000	30300	55100	46200	42900	68600	113000	49600	56400	59300	30300	27800
25	25200	31700	55300	37000	48200	71300	108000	42700	60100	53600	28200	29400
26	23900	24500	53000	37300	59400	67600	97700	41900	63700	56100	25900	28300
27	22200	23500	51700	34700	73000	68600	90600	42200	77600	61400	24200	26500
28	22100	27800	53500	39000	72300	68100	79300	42000	92500	59700	23800	29400
29	22100	34500	48400	34600	76100	71400	69900	42900	102000	57600	35900	29200
30	19100	28500	46900	31400	---	79700	64400	39800	106000	58900	36600	27800
31	27500	---	42100	29600	---	83700	---	37800	---	58800	33400	---
TOTAL	827800	815200	1283600	1226900	1047900	2461600	3086200	1892900	1865000	2619200	1030900	---
MEAN	26700	27170	41410	39580	36130	79410	102900	61060	62170	84490	33250	---
MAX	34000	34500	56700	55500	76100	97400	121000	78200	106000	114000	58000	---
MIN	17400	17600	18600	23200	20500	56000	64400	37800	41500	53600	23800	---

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.10	1.73	1.36	1.48	1.09	2.63	3.33	3.11	2.30	3.38	2.31	2.08
2	2.20	.74	1.82	1.49	1.08	2.73	3.38	3.05	2.34	3.55	2.23	1.95
3	2.16	1.26	2.30	1.87	1.19	3.04	3.62	3.24	2.34	3.69	2.18	1.59
4	2.14	1.52	2.27	.95	.94	2.94	3.20	3.16	2.50	3.74	2.01	1.69
5	1.82	1.34	1.85	.79	.59	2.96	3.48	3.18	2.66	3.76	1.76	1.89
6	1.94	1.53	1.07	1.29	.91	3.15	3.59	3.23	2.31	3.67	1.75	1.77
7	2.49	1.42	1.67	1.20	.93	3.25	3.58	3.14	2.37	3.55	1.91	2.06
8	3.02	1.57	1.77	1.40	1.04	3.36	3.22	3.12	2.59	3.49	2.11	2.28
9	2.87	1.67	1.85	1.66	.88	3.30	3.24	3.17	2.72	3.61	1.98	2.96
10	2.35	1.89	1.48	1.56	1.20	3.27	3.42	3.08	2.79	3.70	1.93	2.37
11	2.05	1.89	1.70	1.36	1.19	3.05	3.31	3.16	2.65	3.52	1.78	2.17
12	2.15	1.47	2.28	1.48	1.27	2.87	3.39	3.33	2.46	3.39	1.82	2.28
13	2.07	1.75	1.51	1.61	1.64	2.96	3.35	3.14	2.44	3.24	1.96	2.02
14	1.96	1.76	1.38	1.28	1.51	2.94	3.31	2.59	2.63	3.07	2.12	1.92
15	2.17	1.38	1.04	1.87	1.45	3.08	3.54	2.42	2.41	2.79	2.04	1.81
16	2.12	1.40	1.14	1.72	1.54	3.00	3.75	2.52	2.73	2.78	1.72	1.58
17	1.86	1.64	1.56	1.77	1.54	2.59	3.80	2.89	2.70	2.68	1.64	1.79
18	1.35	1.76	1.84	1.87	1.82	2.51	3.80	3.25	2.47	2.57	1.70	2.10
19	1.45	1.70	1.80	1.89	1.35	2.32	3.96	2.89	2.43	2.36	1.65	2.25
20	.84	1.82	1.51	1.54	.85	2.23	4.09	2.92	2.49	2.20	1.69	2.01
21	1.19	1.81	1.70	1.39	1.20	2.39	3.77	2.45	2.42	2.14	1.73	1.92
22	1.72	1.97	1.63	2.12	1.36	2.33	3.79	2.31	2.18	2.19	1.80	2.35
23	1.47	1.96	1.69	1.69	1.67	2.38	4.14	2.40	2.02	2.34	2.02	2.35
24	1.18	1.56	1.64	1.01	1.66	2.44	4.00	2.32	2.17	2.00	1.97	2.20
25	1.48	1.38	1.45	1.06	2.23	2.42	3.52	2.36	2.34	2.02	2.00	1.67
26	1.53	1.11	1.51	.83	2.41	2.51	3.41	2.64	2.57	2.14	2.00	1.20
27	1.49	1.51	1.42	.78	2.06	2.66	3.14	2.65	2.72	2.32	2.06	1.39
28	1.50	1.48	1.26	.80	2.22	2.87	2.94	2.17	2.97	2.32	1.99	1.40
29	1.76	1.14	1.38	.64	2.55	3.18	2.69	1.68	3.27	2.43	1.81	1.57
30	2.03	.81	1.39	.67	---	3.03	2.90	1.71	3.32	2.52	1.51	1.79
31	2.01	---	1.49	.99	---	2.96	---	2.07	---	2.47	1.91	---
MAX	3.02	1.97	2.30	2.12	2.55	3.36	4.14	3.33	3.32	3.76	2.31	2.96
MIN	.84	.74	1.04	.64	.59	2.23	2.69	1.68	2.02	2.00	1.51	1.20

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to September 1984, May 1990 to September 1992.

CHLORIDE-SURFACE: October 1974 to September 1984, May 1990 to September 1992.

CHLORIDE-25 FT DEPTH: December 1980 to September 1984, May 1990 to September 1992.

CHLORIDE-45 FT DEPTH: December 1980 to September 1984, May 1990 to September 1992.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 33.0°C July 20, 1978; minimum daily, 2.0°C Jan. 4, 5, 1984.

CHLORIDE-SURFACE: Maximum daily, 150 mg/L June 13, 14, 1977; minimum daily, 9.1 mg/L Apr. 15, 1976.

CHLORIDE-25 FT DEPTH: Maximum daily, 110 mg/L Nov. 5, 7, 8, 10, 11, 1981; minimum daily, 12 mg/L May 27, 1984.

CHLORIDE-45 FT DEPTH: Maximum daily, 110 mg/L Mar. 8, Nov. 5, 7, 8, 10, 11, 1981; minimum daily, 12 mg/L May 27, 28, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
26...	1000	33100	134	12000	98
NOV					
17...	0930	26600	150	10700	95
DEC					
27...	1100	58700	330	52300	100
FEB					
02...	0930	39100	131	13900	99
APR					
06...	0845	110000	316	93900	97
MAY					
17...	1000	67300	139	25200	100
JUN					
13...	0800	68900	164	30500	99
JUL					
11...	1430	112000	264	79700	94
26...	1200	62200	87	14500	99
AUG					
29...	1030	43300	103	12100	99
SEP					
28...	1000	41000	55	6130	99

E Estimated value.

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

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 Railway System bridge at Morgan City, 0.3 mi downstream from U. S. Highway 90, 0.3 mi upstream from Bayou Boeuf, and 1.0 mi. southwest of Morgan City High School. Prior to November 8, 1996, at site 1,200 ft upstream.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1976 to September 1994, October 1996 to September 1997 (elevations and discharge measurements only); October 1994 to September 1996; October 1997 to current year (elevation and discharge). Gage heights, 1905 to December 1975 and discharge, intermittently, 1927 to December 1975 (collected in same vicinity) are in reports of Corps of Engineers, New Orleans District, and National Weather Service.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is sea level. 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 1929.

REMARKS.--Discharge and elevation affected by tide at all stages. No velocity records: Oct. 11, 12, 20-28, 30-Nov. 1, Mar. 20-May 18. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge recorded, 373,000 ft³/s, June 24, 1995; maximum elevation, 8.54 ft, Aug. 25, 1992, but may have been higher during Hurricane Andrew; minimum, -0.94 ft, Nov. 29, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 28, 1973, reached an elevation of 10.53 ft, from incomplete record, discharge not determined. Maximum discharge observed during flood of June 8, 1927, 741,000 ft³/s. Minimum elevation, -5.44 ft, Aug. 25, 1926 (affected by storm). All data from records of Corps of Engineers, New Orleans District.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 178,000 ft³/s, July 7; maximum elevation, 4.52 ft, Apr. 23; minimum discharge recorded, -22,700 ft³/s, Dec. 4; minimum elevation, 0.12 ft, Jan. 30, Feb. 5..

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36400	---	29500	52500	43000	102000	---	---	e58800	144000	94600	47800
2	37900	49800	18700	46500	42000	110000	---	---	e65100	142000	88400	57100
3	35000	22300	25400	31100	38000	118000	---	---	70000	146000	86500	60300
4	16600	31300	23800	69800	48300	131000	---	---	71900	151000	88500	56800
5	37500	37300	45500	36500	49700	136000	---	---	e78600	152000	87800	57700
6	32700	36700	45100	33400	37700	157000	---	---	e111000	156000	75300	54700
7	20000	40600	31900	41200	37200	155000	---	---	e107000	158000	70700	49000
8	18900	35500	39300	30600	36800	154000	---	---	e113000	156000	66100	47700
9	51800	34700	41200	36100	39500	148000	---	---	e104000	e155000	68700	43500
10	53800	35100	53900	42300	30900	140000	---	---	e106000	e157000	67300	48700
11	---	44400	38100	46900	36100	144000	---	---	e99600	155000	68100	47300
12	---	47100	28300	53800	36900	130000	---	---	e98300	153000	64600	41400
13	51800	41400	58200	70900	23600	123000	---	---	e99700	150000	57600	42000
14	50200	50700	40700	74200	43300	112000	---	---	94600	147000	52400	47400
15	42000	52000	58500	66800	30500	114000	---	---	93300	145000	59700	38200
16	47700	43000	41400	76600	35500	112000	---	---	72800	136000	64100	40400
17	56600	44600	52200	69200	34200	104000	---	---	76900	132000	58700	42000
18	52400	41200	65000	70000	30300	96900	---	---	e84100	130000	58900	37400
19	55700	42000	68500	70200	45200	85600	---	92000	e75100	129000	60000	38900
20	---	40000	75700	73700	34300	---	---	83200	76600	122000	61700	44200
21	---	34700	76500	58900	30900	---	---	87800	82800	120000	54900	43500
22	---	33500	78400	49600	35500	---	---	83500	90400	119000	59500	40100
23	---	37300	78000	65100	40200	---	---	69400	94600	117000	53800	42600
24	---	46900	75600	68700	50200	---	---	59300	99700	122000	52500	50300
25	---	45200	83800	38200	53800	---	---	54700	105000	115000	48600	56700
26	---	36300	83200	35800	69600	---	---	52200	110000	96800	36400	49500
27	e48900	34000	74800	38400	90900	---	---	56000	e126000	87600	46400	45800
28	---	38600	80200	54800	78000	---	---	56500	127000	96900	45000	43700
29	50200	45900	69000	49100	85300	---	---	59200	e134000	91400	51800	41800
30	---	37500	66900	46900	---	---	---	55000	142000	93900	53100	41800
31	---	---	57900	40900	---	---	---	53200	---	92700	44600	---
TOTAL	---	---	1705200	1638700	1287400	---	---	---	2867900	4068300	1946300	1398300
MEAN	---	---	55010	52860	44390	---	---	---	95600	131200	62780	46610

e Estimated

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.08	---	1.39	1.54	1.09	2.62	3.14	3.09	---	3.21	2.34	2.11
2	2.18	1.00	1.81	1.53	1.11	2.66	3.23	3.03	---	3.34	2.24	2.02
3	2.16	1.29	2.35	1.90	1.25	2.91	3.45	3.20	2.35	3.44	2.20	1.71
4	2.16	1.55	2.35	1.27	1.03	2.89	3.18	3.13	2.48	3.47	2.04	1.73
5	1.88	1.37	2.07	.89	.69	2.83	3.27	3.13	---	3.51	1.83	1.98
6	1.93	1.56	1.27	1.30	.93	2.97	3.40	3.17	---	3.47	1.78	1.83
7	2.43	1.48	1.73	1.25	.97	3.05	3.41	3.10	---	3.40	1.92	2.04
8	2.96	1.62	1.84	1.41	1.09	3.15	3.22	3.09	---	3.33	2.10	2.28
9	2.93	1.73	1.93	1.72	.95	3.16	3.12	3.13	---	---	2.02	2.90
10	2.46	1.93	1.68	1.70	1.22	3.17	3.26	3.08	---	---	1.96	2.44
11	---	1.98	1.74	1.44	1.23	3.08	3.22	3.11	---	3.59	1.83	2.20
12	---	1.61	2.32	1.52	1.31	2.85	3.28	3.24	---	3.49	1.86	2.30
13	2.12	1.82	1.83	1.66	1.66	2.91	3.30	3.16	---	3.37	1.96	2.06
14	2.01	1.87	1.48	1.33	1.59	2.88	3.23	2.75	2.59	3.25	2.12	2.02
15	2.21	1.56	1.29	1.85	1.48	3.04	3.36	2.54	2.43	3.02	2.06	1.88
16	2.16	1.50	1.22	1.77	1.60	3.08	3.55	2.57	2.70	2.97	1.78	1.64
17	1.97	1.70	1.60	1.81	1.60	2.71	3.58	2.82	2.68	2.87	1.68	1.82
18	1.44	1.80	1.93	1.94	1.90	2.61	3.58	3.15	---	2.75	1.72	2.10
19	1.56	1.76	1.89	1.97	1.51	2.51	3.69	2.88	---	2.56	1.67	2.25
20	---	1.91	1.68	1.71	.96	2.36	3.84	2.92	2.52	2.37	1.71	2.05
21	---	1.88	1.80	1.46	1.21	2.42	3.64	2.56	2.45	2.28	1.73	1.98
22	---	2.03	1.73	2.11	1.35	2.36	3.62	2.40	2.27	2.27	1.81	2.37
23	---	2.04	1.79	1.80	1.66	2.37	3.92	2.45	2.08	2.40	2.04	2.50
24	---	1.73	1.75	1.27	1.67	2.43	3.94	2.40	2.17	2.11	1.99	2.27
25	---	1.53	1.58	1.17	2.18	2.44	3.56	2.37	2.29	2.06	2.04	1.83
26	---	1.27	1.61	.92	2.40	2.51	3.46	2.58	2.49	2.16	2.03	1.29
27	---	1.59	1.52	.79	2.19	2.67	3.27	2.64	---	2.31	2.09	1.43
28	---	1.57	1.40	.93	2.25	2.82	3.11	2.27	2.83	2.32	2.01	1.42
29	1.75	1.31	1.44	.74	2.52	3.06	2.84	1.82	---	2.43	1.86	1.57
30	---	.92	1.46	.72	---	3.02	2.91	1.76	3.13	2.52	1.58	1.80
31	---	---	1.54	.98	---	2.89	---	2.04	---	2.48	1.92	---
MAX	---	---	2.35	2.11	2.52	3.17	3.94	3.24	---	---	2.34	2.90
MIN	---	---	1.22	.72	.69	2.36	2.84	1.76	---	---	1.58	1.29

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1973 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1978 to September 1981.

WATER TEMPERATURES-5 FT DEPTH: October 1976 to September 1984, May 1990 to September 1992.

WATER TEMPERATURES-25 FT DEPTH: December 1990 to February 1991.

WATER TEMPERATURES-45 FT DEPTH: December 1990 to February 1991.

CHLORIDE-5 FT DEPTH: October 1974 to September 1984, May 1990 to September 1992.

CHLORIDE-25 FT DEPTH: October 1980 to September 1984, December 1990 to January 1992.

CHLORIDE-45 FT DEPTH: October 1980 to September 1984, December 1990 to January 1992.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 622 micromhos Jan. 21, 1981; minimum daily, 179 micromhos Feb. 23, 1979.

WATER TEMPERATURES-5 FT DEPTH: Maximum daily, 32.0°C July 28, 1977; minimum daily, 4.0°C Feb. 9-11, 1978.

CHLORIDE-5 FT DEPTH: Maximum daily, 160 mg/L June 14-16, 1977; minimum daily, 9.7 mg/L May 15, 1991.

CHLORIDE-25 FT DEPTH: Maximum daily, 120 mg/L Nov. 5, 1981; minimum daily, 16 mg/L Dec. 26, 29, 1982, many days during Jan., Feb. 14, 1983.

CHLORIDE-45 FT DEPTH: Maximum daily, 130 mg/L Dec. 9, 1981; minimum daily, 14 mg/L Jan. 26, Mar. 1, May 27, 1983.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A specific conductance of 644 microsiemens was observed June 17, 1987. A water temperature of 32.0°C was observed Aug. 6, 1987.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
26...	1600	38800	150	15700	99
NOV					
23...	1000	65000	91	16000	98
DEC					
27...	1445	87800	344	81400	100
FEB					
02...	1400	24800	194	13000	99
APR					
06...	1425	147000	302	120000	97
MAY					
17...	1300	87300	129	30400	100
JUN					
12...	1100	106000	174	49800	98
JUL					
10...	1630	158000	255	109000	94
26...	1500	102000	87	23900	100
AUG					
29...	1400	53600	112	16200	99
SEP					
28...	1300	56000	54	8150	99

MISSISSIPPI RIVER DELTA

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.--No velocity record for Oct. 22-27, Mar. 21, Jun. 14-Jul. 19; no elevation record for Oct. 22-27, Mar. 21. Records poor. Discharge and elevation affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 14,300 ft³/s, Jan. 22, 1998; maximum negative discharge, -5,510 ft³/s, Sept. 12, 1998; maximum elevation, 3.57 ft, Sept. 12, 1998; minimum elevation, -0.39 ft, Jan. 29, Feb. 4, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 7,890 ft³/s, Sept. 9; maximum elevation, 2.61 ft, Oct. 9; maximum negative discharge, -3,590 ft³/s, Oct. 9; minimum elevation, -0.39 ft, Jan. 29, Feb. 4.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	636	501	701	852	688	1460	1900	2180	1280	---	1740	1570
2	666	562	758	529	697	1590	1790	2090	1120	---	1630	963
3	605	699	1200	496	592	1900	2140	2280	1040	---	1360	587
4	730	454	1050	986	619	1700	2020	2050	981	---	1370	803
5	766	574	813	646	631	1840	2160	1780	1120	---	999	1150
6	747	795	164	737	606	1760	2010	2300	892	---	1190	1020
7	1030	674	724	608	518	1800	2310	2040	868	---	1240	1650
8	1930	742	765	661	698	1960	2110	2330	998	---	1450	1120
9	144	692	577	655	463	1960	2030	2420	914	---	1310	3120
10	-1240	767	735	761	557	1870	2210	2290	876	---	1150	703
11	-607	702	793	598	504	1830	1990	2090	923	---	1120	-41
12	318	548	708	612	583	1640	2090	2040	822	---	1180	1180
13	520	754	547	1110	756	1850	2050	2010	825	---	1180	-367
14	580	516	321	1070	524	1800	2110	1290	---	---	1520	488
15	648	731	819	1220	437	1870	2210	1520	---	---	1360	346
16	774	875	867	875	442	1760	2360	1680	---	---	784	170
17	471	725	808	1140	160	1210	2360	1500	---	---	1030	828
18	341	736	889	1160	384	781	2380	1860	---	---	1280	1120
19	579	641	1260	1240	575	1040	2300	1520	---	---	1280	811
20	654	485	936	1200	106	1090	2530	1590	---	2320	1340	190
21	492	698	1570	898	595	---	2640	1040	---	2270	1370	462
22	---	634	1330	1020	654	1350	2180	1100	---	2320	1200	1350
23	---	587	1340	780	768	1090	2210	1300	---	2280	1440	1360
24	---	532	1280	1140	653	1530	2710	1170	---	2000	1260	539
25	---	456	1150	850	977	1590	2140	1180	---	1970	1220	497
26	---	579	1280	783	1050	1670	2550	1140	---	1760	1250	-196
27	---	493	1200	715	1040	1770	2290	1270	---	2040	1330	337
28	523	442	1200	916	1420	1890	2200	804	---	2120	1270	671
29	556	474	980	1010	1530	2000	2050	143	---	2080	1130	1070
30	668	511	760	981	---	2070	1790	720	---	2060	805	1260
31	572	---	837	675	---	1570	---	1170	---	2000	1320	---
TOTAL	---	18579	28362	26924	19227	---	65820	49897	---	---	39108	24761
MEAN	---	619	915	869	663	---	2194	1610	---	---	1262	825

MISSISSIPPI RIVER DELTA

367

073816503 BAYOU PENCHANT SOUTH OF MORGAN CITY, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.47	1.38	.75	.79	.43	1.32	1.76	1.91	1.45	1.79	1.51	1.42
2	1.58	.69	1.05	.84	.52	1.45	1.84	1.89	1.51	1.88	1.46	1.38
3	1.60	.66	1.56	1.10	.48	1.50	2.02	2.01	1.51	1.93	1.44	1.13
4	1.62	.92	1.65	.81	.13	1.32	1.62	1.98	1.59	1.95	1.30	1.11
5	1.40	.76	1.50	.27	.23	1.41	1.64	1.96	1.66	1.95	1.12	1.30
6	1.37	.91	.80	.61	.33	1.45	1.76	1.99	1.40	1.89	1.08	1.21
7	1.78	.88	1.03	.60	.34	1.52	1.81	1.94	1.28	1.79	1.21	1.33
8	2.22	.96	1.14	.73	.39	1.56	1.62	1.90	1.41	1.72	1.36	1.59
9	2.34	1.08	1.17	.99	.44	1.61	1.49	1.90	1.54	1.77	1.31	2.01
10	2.05	1.26	1.03	1.06	.62	1.67	1.67	1.84	1.67	1.86	1.28	1.86
11	1.76	1.33	1.02	.83	.63	1.29	1.66	1.88	1.62	1.78	1.18	1.67
12	1.72	1.04	1.47	.82	.80	1.36	1.74	2.02	1.52	1.75	1.20	1.73
13	1.61	1.14	1.25	.90	1.06	1.35	1.72	1.94	1.50	1.69	1.28	1.57
14	1.51	1.20	.83	.51	.80	1.50	1.57	1.58	1.68	1.62	1.41	1.50
15	1.62	.98	.71	.93	1.02	1.83	1.67	1.44	1.59	1.44	1.40	1.36
16	1.59	.87	.47	.93	.96	1.62	1.82	1.52	1.80	1.45	1.16	1.15
17	1.44	1.01	.80	.93	1.17	1.57	1.78	1.76	1.84	1.44	1.03	1.27
18	.98	1.12	1.07	1.05	1.18	1.64	1.75	2.02	1.73	1.40	1.04	1.50
19	1.05	1.10	.99	1.08	.60	1.44	1.86	1.89	1.69	1.30	.98	1.64
20	.47	1.21	.89	.98	.58	1.52	1.98	1.93	1.70	1.19	1.01	1.53
21	.65	1.18	.97	.88	.68	---	1.80	1.69	1.64	1.17	1.01	1.47
22	---	1.34	.85	1.16	.86	1.38	1.80	1.54	1.45	1.20	1.10	1.70
23	---	1.39	.92	.91	.90	1.35	2.12	1.59	1.23	1.38	1.30	1.83
24	---	1.19	.86	.49	1.19	1.39	2.17	1.61	1.24	1.14	1.29	1.69
25	---	1.04	.68	.32	1.41	1.36	1.89	1.63	1.28	1.13	1.35	1.42
26	---	.70	.71	.16	1.37	1.40	1.86	1.81	1.42	1.24	1.36	.87
27	---	.92	.64	.31	1.11	1.53	1.78	1.88	1.50	1.36	1.41	.88
28	.96	.95	.56	.11	1.33	1.62	1.74	1.60	1.63	1.40	1.38	.87
29	1.13	.75	.59	.05	1.42	1.83	1.56	1.21	1.78	1.51	1.27	.95
30	1.37	.36	.65	.16	---	1.76	1.71	1.10	1.76	1.61	1.02	1.18
31	1.51	---	.74	.36	---	1.54	---	1.28	---	1.57	1.22	---
MAX	---	1.39	1.65	1.16	1.42	---	2.17	2.02	1.84	1.95	1.51	2.01
MIN	---	.36	.47	.05	.13	---	1.49	1.10	1.23	1.13	.98	.87

MISSISSIPPI RIVER DELTA

07381695 GULF INTRACOASTAL WATERWAY AT CYPRE MORT, LA

LOCATION.--Lat. 29°46'15", long 91°48'00", T. 15 S., R. 7 E., St. Mary Parish, Hydrologic Unit 08080103, on pier fender at upstream side of bridge crossing the GIWW (Gulf Intracoastal Waterway) at river mile 138 at Cypremort.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--July 1997 to September 2000.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is NAVD 88.

REMARKS.--Records poor. Discharge and elevation affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 11,500 ft³/s, June 15, 1999; maximum elevation, 5.01 ft, Sept. 12, 1998; maximum negative discharge, -7,110 ft³/s, Oct. 8, 2000; minimum elevation, -1.81 ft, Jan. 24, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 10,900 ft³/s, July 2; maximum elevation, 3.28 ft, Apr. 23; maximum negative discharge, -7,110 ft³/s, Oct. 8; minimum elevation recorded, -1.81 ft, Jan. 24.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-400	339	-1640	1610	---	420	-901	-659	-1130	2480	1520	-613
2	-608	3410	-217	1070	---	1710	356	135	-119	2770	1580	5.9
3	-350	2680	-1560	566	---	243	1410	207	195	2190	810	317
4	-615	-701	396	2410	1310	2570	5080	254	563	1220	672	304
5	-109	-273	908	4900	2090	1410	3460	573	762	1290	599	54
6	-212	-487	3560	519	721	344	930	259	1700	1810	315	---
7	-115	547	295	792	-21	-200	1520	151	1010	2660	360	---
8	-416	550	-504	321	693	-75	3950	396	58	1750	-139	---
9	811	609	118	985	838	188	3780	321	-175	2090	48	---
10	1570	-772	2780	1890	172	88	1020	1940	-618	1670	660	---
11	1470	465	134	1430	235	1080	1130	887	-475	2040	-328	---
12	96	651	-804	1320	198	2090	1910	333	91	2860	316	---
13	258	482	1880	567	69	483	1780	1430	554	3180	428	---
14	412	106	1790	2720	-110	-6.8	2260	3150	844	2720	35	---
15	323	936	1200	-1610	1740	133	1740	490	878	2750	105	---
16	-89	-94	1470	3.5	19	121	930	756	704	2010	415	---
17	-51	-430	-675	1390	432	878	1140	1690	167	1750	405	---
18	1180	-705	-107	610	-983	227	1710	92	724	2170	235	---
19	1020	-627	1140	1600	1950	191	1380	645	1070	1690	207	---
20	2840	-107	912	2630	2180	891	439	1330	1080	1600	-158	---
21	-269	459	3250	2570	352	-325	2080	2110	629	1440	31	---
22	154	4.0	3120	-981	-1060	100	2570	1450	1560	1150	-572	---
23	1260	---	2210	965	-930	393	-26	1150	1470	244	-841	---
24	292	---	2120	4220	938	594	336	494	727	1630	-681	---
25	78	---	2500	1530	-1100	567	1650	407	937	761	-681	---
26	335	---	1390	1350	-299	1690	1080	-331	1520	---	-459	---
27	701	---	1830	-1320	1610	1880	1070	-1240	1110	669	-621	---
28	351	---	2110	-118	1610	2670	913	-259	1510	1160	-691	---
29	-414	---	1570	3070	-29	584	737	330	2380	1320	-452	---
30	-150	---	366	2620	---	1390	-145	403	2390	1770	-198	---
31	657	---	593	476	---	3210	---	-205	---	1850	-143	---
TOTAL	10010	---	32135	40105.5	---	25538.2	45289	18689	22116	---	2777	---
MEAN	323	---	1037	1294	---	824	1510	603	737	---	89.6	---

07381695 GULF INTRACOASTAL WATERWAY AT CYPREMORT, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.40	.81	.92	.49	---	.82	1.51	1.92	1.40	.79	.98	1.12
2	1.54	-.74	1.44	.70	---	.53	1.45	1.58	1.16	1.04	1.08	.83
3	1.46	.13	1.88	1.16	---	1.14	1.38	1.72	.97	1.37	1.15	.34
4	1.46	.93	1.74	-.56	-.28	-.10	-.71	1.74	1.00	1.47	.95	.62
5	.94	.73	.88	-.53	-.67	.33	.66	1.73	.96	1.41	.65	.66
6	1.23	.88	-.25	.52	.05	.92	1.10	1.78	.25	1.04	.74	---
7	1.92	.65	1.00	.33	.17	.96	1.18	1.63	.57	.68	1.00	---
8	2.46	.76	1.12	.73	.13	1.11	-.39	1.49	1.13	.55	1.30	---
9	2.12	.93	1.05	.86	.00	1.06	.36	1.53	1.32	.95	1.05	---
10	1.55	1.19	.13	.62	.54	1.22	1.27	1.23	1.64	1.07	.88	---
11	1.21	1.11	.99	.49	.51	.16	1.01	1.68	1.39	.85	.89	---
12	1.39	.61	1.64	.63	.59	-.09	1.03	2.01	1.07	.73	.72	---
13	1.28	.94	.13	.46	1.01	.68	.54	1.28	1.08	.59	.99	---
14	1.11	.94	.53	-.24	.69	.92	.28	.35	1.46	.43	1.28	---
15	1.36	.38	-.33	.99	.64	1.24	.90	.85	1.23	.31	1.16	---
16	1.37	.57	.18	.66	.85	1.19	1.27	1.12	1.72	.59	.70	---
17	.98	.94	.78	.56	.85	.70	.92	1.70	1.79	.68	.66	---
18	.41	1.22	.76	.63	1.24	1.00	.75	2.20	1.38	.64	.68	---
19	.37	1.16	.56	.63	.17	.54	1.27	1.68	1.31	.46	.57	---
20	-.53	1.15	.15	-.16	-.17	.65	1.48	1.64	1.36	.43	.57	---
21	.32	1.15	-.02	.10	.55	1.24	.20	.99	1.25	.51	.70	---
22	.88	1.31	-.10	1.33	.85	1.08	.89	.86	.75	.64	.88	---
23	.39	---	.22	.47	1.04	1.01	2.12	1.15	.56	.91	1.13	---
24	.24	---	-.07	-.98	.90	1.02	1.28	1.30	.71	.35	1.01	---
25	.66	---	-.31	-.15	1.60	.93	.63	1.56	.87	.62	1.02	---
26	.72	---	-.03	-.27	1.40	.89	1.00	2.04	.96	---	.99	---
27	.64	---	-.13	.20	.14	.81	.80	2.04	.95	1.02	1.18	---
28	.69	---	-.41	-.36	.61	1.15	.79	1.24	.94	1.00	1.12	---
29	1.18	---	.15	-.83	1.20	1.65	.80	.64	.93	1.16	.89	---
30	1.38	---	.40	-.62	---	.86	1.57	.76	.78	1.08	.46	---
31	1.09	---	.50	.13	---	.54	---	1.25	---	1.04	.91	---
MAX	2.46	---	1.88	1.33	---	1.65	2.12	2.20	1.79	---	1.30	---
MIN	-.53	---	-.41	-.98	---	-.10	-.71	.35	.25	---	.46	---

MISSISSIPPI RIVER DELTA

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA

LOCATION.--Lat 31°00'00", long 92°22'46", in NW 1/4 SW 1/4 sec.4, T.1 S., R.1 E., Louisiana Meridian, Evangeline Parish, Hydrologic Unit 08080102, near right bank on downstream side of bridge on U.S. Highway 167, 1,000 ft downstream from Cocodrie Lake dam, 1.0 mi downstream from Chicago, Rock Island and Pacific Railroad Company bridge, 1.5 mi east of Clearwater, 4.0 mi south of Meeker, and 5.0 mi downstream from Hurricane Creek.

DRAINAGE AREA.--240 mi².

PERIOD OF RECORD.--May 1922 to January 1925 (published as "near Meeker"), October 1937 to current year. Monthly discharge only for October 1937 published in WSP 1311.

REVISED RECORDS.--WSP 1211: 1938, drainage area. WDR LA-75-1: 1974.

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft above mean Gulf level (levels by Corps of Engineers) and 39.57 ft above sea level (levels by Louisiana Department of Transportation and Development). See WSP 1731 for history of changes prior to Mar. 28, 1940. January to September 1985, auxiliary nonrecording gage 6.6 mi downstream from base gage at datum 35.10 ft above sea level.

REMARKS.--Records good. Slight regulation at low flow by Cocodrie Lake. Reverse flow: Nov. 13-15, 1922.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	18	16	134	76	65	91	58	58	135	38	25
2	21	20	18	126	75	64	97	59	68	147	39	25
3	22	17	29	128	70	64	350	160	21	164	40	24
4	23	20	80	138	63	60	695	367	17	172	41	25
5	23	21	109	143	61	61	785	572	18	109	40	25
6	23	22	119	145	59	62	785	670	66	113	40	40
7	19	54	119	142	56	60	751	675	101	130	40	60
8	21	101	110	137	56	58	691	617	103	121	40	62
9	23	103	148	132	55	58	603	540	102	104	40	63
10	24	95	199	127	56	60	520	468	102	95	40	62
11	14	50	180	123	58	100	452	405	102	124	41	63
12	13	44	171	119	56	121	403	353	99	155	41	67
13	13	42	186	112	57	120	389	315	97	151	41	71
14	e13	42	177	104	68	114	357	276	95	146	41	70
15	e12	42	159	94	65	120	327	240	94	146	41	66
16	e12	41	144	83	62	135	296	209	93	143	41	64
17	e11	41	133	79	61	135	265	183	94	98	41	64
18	e11	73	165	74	66	145	235	159	105	48	41	64
19	e11	121	196	71	75	188	208	138	129	44	41	63
20	12	126	211	102	72	188	185	134	155	43	41	64
21	12	125	268	138	72	177	162	135	156	42	42	64
22	12	108	268	133	70	168	141	129	147	42	42	64
23	12	81	258	123	70	158	123	119	137	44	42	64
24	12	41	243	111	71	142	125	108	129	44	42	64
25	12	1.5	218	101	70	125	112	97	121	43	42	63
26	12	2.3	202	93	69	118	102	87	116	41	42	63
27	12	3.9	189	87	68	116	91	78	115	40	41	62
28	13	8.3	176	89	66	112	85	68	116	40	42	62
29	13	9.8	164	86	66	107	73	56	118	39	34	62
30	15	12	151	84	---	103	63	48	122	38	25	62
31	18	---	141	81	---	96	---	43	---	38	25	---
TOTAL	485	1485.8	4947	3439	1889	3400	9562	7566	2996	2839	1227	1697
MEAN	15.6	49.5	160	111	65.1	110	319	244	99.9	91.6	39.6	56.6
MAX	24	126	268	145	76	188	785	675	156	172	42	71
MIN	11	1.5	16	71	55	58	63	43	17	38	25	24
AC-FT	962	2950	9810	6820	3750	6740	18970	15010	5940	5630	2430	3370
CFSM	.07	.21	.66	.46	.27	.46	1.33	1.02	.42	.38	.16	.24
IN.	.08	.23	.77	.53	.29	.53	1.48	1.17	.46	.44	.19	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2000, BY WATER YEAR (WY)

	190	301	513	643	679	640	614	548	330	269	223	188
MEAN	190	301	513	643	679	640	614	548	330	269	223	188
MAX	1174	1979	1738	1780	1379	1287	1672	4052	1175	1921	943	698
(WY)	1985	1986	1983	1983	1974	1997	1995	1953	1989	1989	1975	1979
MIN	15.6	49.5	66.4	103	65.1	110	118	81.4	57.4	63.1	39.6	56.6
(WY)	2000	2000	1925	1981	2000	2000	1963	1965	1960	1960	2000	2000

MISSISSIPPI RIVER DELTA

371

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1923 - 2000	
ANNUAL TOTAL	105424.8		41532.8			
ANNUAL MEAN	289		113		430	
HIGHEST ANNUAL MEAN					720	
LOWEST ANNUAL MEAN					113	
HIGHEST DAILY MEAN	1220	Feb 1	785	Apr 5	25000	May 19 1953
LOWEST DAILY MEAN	1.5	Nov 25	1.5	Nov 25	a.00	Nov 13 1922
ANNUAL SEVEN-DAY MINIMUM	7.7	Nov 25	7.7	Nov 25	7.7	Nov 25 1999
INSTANTANEOUS PEAK FLOW			794	Apr 5	28200	May 18 1953
INSTANTANEOUS PEAK STAGE			13.37	Apr 5	26.72	May 18 1953
INSTANTANEOUS LOW FLOW			bc.80	Nov 25	bc.80	Nov 25 1999
INSTANTANEOUS LOW STAGE			c3.88	Nov 25		
ANNUAL RUNOFF (AC-FT)	209100		82380		311600	
ANNUAL RUNOFF (CFSM)	1.20		.47		1.79	
ANNUAL RUNOFF (INCHES)	16.34		6.44		24.35	
10 PERCENT EXCEEDS	851		204		973	
50 PERCENT EXCEEDS	163		74		266	
90 PERCENT EXCEEDS	21		21		85	

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.

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.36	4.30	4.25	6.21	5.20	4.99	5.48	4.84	4.83	6.23	4.30	4.04
2	4.38	4.33	4.29	6.08	5.17	4.96	5.58	4.87	5.05	6.43	4.32	4.04
3	4.39	4.27	4.51	6.12	5.09	4.96	8.96	6.52	4.13	6.69	4.34	4.03
4	4.41	4.34	5.41	6.28	4.95	4.90	12.51	9.28	4.03	6.81	4.35	4.03
5	4.41	4.37	5.90	6.36	4.90	4.91	13.30	11.39	4.05	5.80	4.34	4.04
6	4.41	4.39	6.06	6.39	4.86	4.92	13.29	12.29	5.00	5.87	4.34	4.36
7	4.32	4.96	6.06	6.35	4.80	4.89	13.01	12.34	5.67	6.16	4.34	4.78
8	4.36	5.77	5.92	6.27	4.81	4.85	12.48	11.82	5.69	6.00	4.34	4.82
9	4.40	5.80	6.46	6.19	4.80	4.85	11.69	11.09	5.68	5.72	4.34	4.83
10	4.42	5.66	7.19	6.10	4.82	4.89	10.90	10.38	5.67	5.56	4.34	4.83
11	4.20	4.87	6.92	6.04	4.85	5.64	10.22	9.73	5.68	6.04	4.35	4.84
12	4.19	4.76	6.80	5.96	4.82	6.01	9.71	9.15	5.63	6.55	4.36	4.92
13	4.19	4.74	7.01	5.86	4.83	5.99	9.56	8.70	5.58	6.49	4.35	5.00
14	---	4.73	6.88	5.72	5.05	5.89	9.21	8.22	5.55	6.40	4.35	5.00
15	---	4.72	6.64	5.53	4.98	5.99	8.85	7.75	5.54	6.40	4.35	4.90
16	---	4.72	6.43	5.34	4.93	6.23	8.47	7.33	5.53	6.35	4.35	4.87
17	---	4.72	6.27	5.26	4.90	6.23	8.08	6.96	5.53	5.52	4.35	4.86
18	---	5.28	6.71	5.17	5.00	6.38	7.69	6.61	5.73	4.53	4.35	4.86
19	4.15	6.08	7.15	5.11	5.18	7.03	7.32	6.28	6.14	4.42	4.35	4.85
20	4.17	6.17	7.36	5.66	5.13	7.03	6.99	6.21	6.54	4.40	4.35	4.86
21	4.17	6.15	8.11	6.27	5.12	6.87	6.65	6.22	6.56	4.38	4.36	4.86
22	4.16	5.89	8.12	6.20	5.08	6.75	6.33	6.13	6.42	4.38	4.38	4.86
23	4.16	5.44	7.98	6.03	5.07	6.59	6.04	5.98	6.27	4.43	4.38	4.86
24	4.15	4.69	7.79	5.83	5.10	6.34	6.06	5.79	6.14	4.42	4.37	4.86
25	4.16	3.90	7.46	5.67	5.07	6.07	5.84	5.59	6.01	4.39	4.37	4.85
26	4.16	3.92	7.24	5.53	5.07	5.96	5.67	5.41	5.91	4.36	4.36	4.84
27	4.17	3.96	7.04	5.42	5.05	5.92	5.49	5.25	5.91	4.34	4.36	4.83
28	4.17	4.07	6.86	5.45	5.01	5.86	5.37	5.05	5.92	4.34	4.36	4.83
29	4.19	4.11	6.67	5.41	4.99	5.77	5.15	4.80	5.96	4.32	4.21	4.82
30	4.23	4.16	6.48	5.35	---	5.70	4.95	4.65	6.01	4.30	4.03	4.82
31	4.31	---	6.33	5.29	---	5.57	---	4.55	---	4.30	4.03	---
MAX	---	6.17	8.12	6.39	5.20	7.03	13.30	12.34	6.56	6.81	4.38	5.00
MIN	---	3.90	4.25	5.11	4.80	4.85	4.95	4.55	4.03	4.30	4.03	4.03

MISSISSIPPI RIVER DELTA

07382500 BAYOU COURTABLEAU AT WASHINGTON, LA

LOCATION.--Lat 30°37'05", long 92°03'20", in SW 1/4 NW 1/4 sec. 81, T. 5 S., R. 4 E., Louisiana Meridian, St. Landry Parish, Hydrologic Unit 08080102, near center of span on downstream side of bridge on State Highway 10 at Washington, 0.2 mi upstream from Southern Pacific Transportation Company bridge, 1.2 mi upstream from Bayou Carron, 3.5 mi downstream from confluence of Bayou Cocodrie and Bayou Boeuf, and 6.0 mi north of Opelousas.

DRAINAGE AREA.--715 mi². See REMARKS.

PERIOD OF RECORD.--July 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to Aug. 23, 1948, nonrecording gage at same site and datum. Water-stage recorder for Bayou Courtableau near Washington (station 07382495) used as auxiliary gage for this station since Feb. 28, 1949. Prior to Feb. 28, 1949, auxiliary nonrecording gage 3.5 mi upstream from base at same datum.

REMARKS.--Records good except 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.--54 years, 1,098 ft³/s, 795,500 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,490 ft³/s, May 21, 1953; maximum elevation, 35.29 ft, May 22, 1953; no flows at times; maximum negative discharge, -190 ft³/s, July 9, 2000; minimum elevation, 10.72 ft, Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,150 ft³/s, Apr. 5; elevation, 23.15; maximum negative discharge, -190 ft³/s, July 9, no flow at times during year; minimum elevation, 16.86 ft, Jan. 2.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e90	e71	e114	328	e120	e4.0	199	e.00	53	354	102	64
2	e75	e68	e120	192	e135	e92	236	e45	37	410	102	55
3	e59	e69	e132	136	e183	e77	1740	631	42	412	49	20
4	e32	e62	e117	253	e156	e-6.0	3010	1790	-3.0	326	41	14
5	e50	e80	e122	e240	e137	e109	3130	2740	45	297	68	4.9
6	e69	e50	e171	e245	e127	e40	3010	2830	56	274	76	3.3
7	e79	e44	e163	e300	e161	e109	2760	2480	55	148	78	11
8	e86	e94	e167	e320	e123	e32	2320	2010	73	160	94	43
9	282	e118	e175	e307	e120	e77	1800	1480	45	156	36	-19
10	e279	e128	e151	e295	e133	e4.0	1310	1040	103	118	77	-9.4
11	e157	e87	e241	e219	e140	e68	920	790	34	79	94	68
12	e151	e68	e299	e212	e106	e126	774	643	75	88	66	65
13	e141	e95	e382	e182	e142	e136	840	509	146	99	72	145
14	e110	e93	e402	e205	e126	e73	811	431	101	127	84	327
15	e138	e106	e363	e206	e154	e148	788	387	82	91	72	157
16	e123	e87	e337	e209	e151	e217	632	381	159	106	33	27
17	e133	e85	e309	e222	e152	227	479	419	81	118	50	65
18	e130	e118	228	e187	e167	232	386	290	48	67	46	78
19	e129	e103	454	e177	e76	237	243	182	147	82	33	111
20	e105	e140	352	e154	e126	329	e290	180	163	38	39	124
21	e75	e139	606	e183	e90	392	e198	226	188	44	76	154
22	e68	e117	601	e208	e142	319	e139	185	168	75	94	81
23	e53	e119	499	e203	e144	311	e153	161	90	119	59	58
24	e78	e96	436	e233	e43	371	e309	137	134	320	75	93
25	e105	e117	365	e245	e79	211	e409	223	155	174	62	45
26	e77	e117	328	e234	e165	87	e425	160	118	108	43	6.4
27	e119	e146	292	e205	e168	150	e337	117	108	109	47	34
28	e65	e137	245	e212	e167	153	e248	151	142	137	55	47
29	e55	e111	225	e218	e65	268	e3.0	122	251	103	41	60
30	e65	e100	229	e204	---	245	e9.0	51	221	120	22	53
31	e48	---	222	e200	---	105	---	64	---	66	32	---
TOTAL	3226	2965	8847	6934	3798	4943.0	27908.0	20855.00	3117.0	4925	1918	1985.2
MEAN	104	98.8	285	224	131	159	930	673	104	159	61.9	66.2
MAX	282	146	606	328	183	392	3130	2830	251	412	102	327
MIN	32	44	114	136	43	-6.0	3.0	.00	-3.0	38	22	-19
AC-FT	6400	5880	17550	13750	7530	9800	55360	41370	6180	9770	3800	3940

e Estimated

07382500 BAYOU COURTABLEAU AT WASHINGTON, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.27	18.04	18.08	17.74	17.97	18.02	18.43	18.28	18.20	18.57	18.45	17.97
2	18.26	18.04	18.08	16.97	18.20	18.06	18.42	18.24	18.25	18.62	18.42	17.97
3	18.25	17.97	18.10	17.21	18.27	17.94	20.95	18.55	18.29	18.67	18.47	17.97
4	18.25	17.93	18.14	17.55	18.28	18.02	22.93	20.04	18.32	18.42	18.57	17.95
5	18.22	17.91	18.19	17.44	18.27	18.05	23.12	21.48	18.37	18.60	18.59	17.95
6	18.21	17.87	18.22	17.93	18.23	18.00	22.79	22.35	18.22	18.47	18.59	17.92
7	18.23	17.84	18.23	17.90	18.22	18.06	21.94	21.88	18.25	18.30	18.56	17.86
8	18.36	17.83	18.24	17.74	18.22	17.98	20.85	20.60	18.34	18.28	18.37	17.89
9	18.37	17.85	18.24	17.59	18.25	18.05	19.82	19.24	18.38	18.36	18.22	18.00
10	18.28	17.89	18.25	17.45	18.26	18.12	19.02	18.86	18.19	18.46	18.24	18.11
11	18.38	17.92	18.29	17.53	18.27	18.32	18.61	18.58	18.19	18.39	18.24	18.18
12	18.38	17.92	18.35	17.61	18.28	18.41	18.72	18.41	18.29	18.60	18.21	18.24
13	18.31	17.91	18.41	17.71	18.28	18.44	18.48	18.45	18.33	18.52	18.16	18.41
14	18.24	17.90	18.43	17.75	18.29	18.45	18.62	18.40	18.11	18.39	18.11	18.65
15	18.30	17.89	18.40	17.75	18.29	18.48	18.56	18.38	18.23	18.42	18.09	18.48
16	18.32	17.86	18.38	17.76	18.30	18.46	18.24	18.44	18.25	18.54	18.07	18.51
17	18.31	17.84	18.38	17.78	18.29	18.49	18.44	18.41	18.15	18.58	18.03	18.56
18	18.29	17.84	18.41	17.82	18.17	18.45	18.34	18.38	18.36	18.57	18.01	18.56
19	18.28	17.83	18.17	17.80	18.08	18.41	18.36	18.29	18.38	18.53	18.00	18.59
20	18.28	17.87	18.27	17.80	18.14	18.47	18.37	18.46	18.33	18.46	17.95	18.60
21	18.25	17.93	18.64	17.74	18.10	18.54	18.16	18.40	18.27	18.38	17.94	18.61
22	18.23	17.99	18.55	17.73	18.16	18.47	18.20	18.35	18.01	18.35	17.99	18.59
23	18.22	18.02	18.52	17.77	18.00	18.45	18.38	18.35	18.23	18.63	18.08	18.54
24	18.19	18.06	18.50	17.80	18.00	18.53	18.41	18.29	18.48	18.92	18.11	18.51
25	18.17	18.09	18.47	17.82	18.03	18.45	18.41	18.34	18.50	18.64	18.12	18.46
26	18.16	18.11	18.42	17.82	18.17	18.46	18.37	18.31	18.41	18.57	18.12	18.42
27	18.13	18.13	18.36	17.80	18.23	18.34	18.36	18.35	18.48	18.40	18.11	18.38
28	18.08	18.13	18.34	17.83	17.92	18.36	18.29	18.36	18.44	18.53	18.09	18.34
29	18.04	18.13	18.43	17.80	17.82	18.46	18.18	18.11	18.52	18.45	18.06	18.28
30	18.00	18.11	18.46	17.77	---	18.38	18.26	18.15	18.41	18.50	18.03	18.24
31	18.03	---	18.44	17.75	---	18.35	---	18.18	---	18.48	17.97	---
MAX	18.38	18.13	18.64	17.93	18.30	18.54	23.12	22.35	18.52	18.92	18.59	18.65
MIN	18.00	17.83	18.08	16.97	17.82	17.94	18.16	18.11	18.01	18.28	17.94	17.86

MISSISSIPPI RIVER DELTA

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA

LOCATION.--Lat 31°01'59", long 91°58'57", in NE 1/4 sec.29, T.1 N., R.5 E., Avoyelles Parish, Hydrologic Unit 08080102, near left bank on downstream side of bridge on State Highway 114 at Moreauville, and 150 ft downstream from point of diversion from Bayou des Glaisses.

DRAINAGE AREA.--270 mi². See REMARKS.

PERIOD OF RECORD.--July 1943 to current year.

REVISED RECORDS.--WDR LA-77-1: 1973-76.

GAGE.--Water-stage recorder. Datum of gage is 23.46 ft above sea level (levels by Louisiana Department of Transportation and Development). Prior to Oct. 13, 1950, nonrecording gage at same site. Prior to Sept. 30, 1961, at datum 4.84 ft higher. Water-stage recorder for Bayou des Glaisses diversion channel near Moreauville (station 07383510) used as auxiliary gage for this station since Apr. 17, 1972.

REMARKS.--Records good. No gage-height record: Oct. 11-14, July 9-18, and July 28 to Aug. 10. Diversion channel carries natural flow of Bayou des Glaisses except when operation of floodgates, 12 mi downstream from point of diversion, regulates flow into or out of bayou depending on stage in Red River and Old River overflow area. Flow includes diversion from Bayou Boeuf into Chatlin Lake Canal and is occasionally affected by diversion into or out of Red River and Old River overflow area. Channel discharges into West Protection Levee borrow pit channel, 6.0 mi downstream. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--57 years, 434 ft³/s, 314,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,340 ft³/s, May 18, 1953, gage height, 22.68 ft, present datum; minimum, 2.7 ft³/s, Oct. 13, 14, 15, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 6,107 ft³/s, Apr. 4, maximum gage height, 9.79 ft, Apr. 3; minimum discharge, 3.0 ft³/s, Jul. 22 and 23, gage height, 0.75 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	8.9	26	34	33	12	115	26	45	297	215	18
2	62	8.8	26	34	25	8.8	107	32	23	471	205	14
3	49	8.5	26	34	16	7.1	e740	131	11	375	170	23
4	39	9.3	26	39	14	5.9	e1070	750	9.8	278	150	39
5	32	8.8	28	392	17	4.3	916	982	9.9	237	125	36
6	25	6.5	28	289	34	3.5	938	888	18	186	121	31
7	24	5.6	29	179	33	3.7	973	902	37	129	108	29
8	30	6.6	27	147	32	5.3	987	894	36	96	76	39
9	52	10	26	122	26	5.5	960	852	67	110	66	53
10	423	16	26	101	21	5.7	910	785	85	146	47	58
11	419	19	28	72	18	15	854	616	68	215	27	51
12	281	23	28	57	14	15	857	378	81	193	19	48
13	166	25	31	44	8.7	63	721	250	55	123	19	44
14	98	27	29	38	6.7	68	515	191	27	80	12	152
15	64	32	29	49	16	53	363	171	30	54	9.6	275
16	52	38	40	54	19	108	250	139	32	41	8.4	224
17	41	41	34	44	17	158	179	114	41	21	6.9	146
18	35	36	40	35	15	133	138	112	227	11	5.7	93
19	28	36	44	28	12	101	110	81	281	6.4	4.9	62
20	21	36	35	24	9.8	155	87	96	237	4.6	4.6	49
21	20	37	55	22	7.8	240	83	198	200	3.7	5.1	43
22	15	37	41	19	8.3	195	101	216	155	3.3	7.2	40
23	e10	47	32	18	10	233	94	188	120	218	11	42
24	e6.2	53	32	19	9.4	286	114	142	96	777	14	44
25	e5.3	45	32	21	22	214	124	108	88	763	28	45
26	e4.4	30	33	25	81	149	102	81	63	659	38	43
27	e4.9	26	34	26	43	115	94	54	40	485	49	42
28	e4.2	23	35	18	24	125	74	21	108	361	49	41
29	e4.1	24	34	14	18	175	56	16	188	286	27	40
30	6.1	24	34	22	---	161	37	12	194	243	18	35
31	7.5	---	33	35	---	129	---	22	---	216	19	---
TOTAL	2074.7	748.0	1001	2055	610.7	2952.8	12669	9448	2672.7	7089.0	1665.4	1899
MEAN	66.9	24.9	32.3	66.3	21.1	95.3	422	305	89.1	229	53.7	63.3
MAX	423	53	55	392	81	286	1070	982	281	777	215	275
MIN	4.1	5.6	26	14	6.7	3.5	37	12	9.8	3.3	4.6	14
AC-FT	4120	1480	1990	4080	1210	5860	25130	18740	5300	14060	3300	3770

e Estimated

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.69	1.20	1.45	1.55	1.48	1.19	2.41	1.30	1.54	4.00	3.29	1.18
2	1.89	1.19	1.45	1.56	1.36	1.13	2.33	1.39	1.26	5.36	3.19	1.11
3	1.74	1.19	1.45	1.56	1.24	1.10	6.70	2.39	1.04	4.66	2.86	1.25
4	1.62	1.20	1.46	1.61	1.21	1.07	8.94	7.14	1.00	3.86	2.67	1.48
5	1.53	1.20	1.48	4.72	1.25	1.04	8.12	8.48	1.00	3.50	2.43	1.43
6	1.44	1.15	1.48	3.94	1.49	1.02	8.24	7.97	1.16	3.02	2.39	1.38
7	1.42	1.14	1.49	3.02	1.48	1.03	8.44	8.04	1.45	2.47	2.25	1.35
8	1.50	1.16	1.46	2.72	1.46	1.06	8.51	8.00	1.44	2.11	1.89	1.47
9	1.74	1.22	1.45	2.48	1.39	1.07	8.36	7.76	1.79	2.26	1.77	1.63
10	4.93	1.30	1.46	2.27	1.32	1.07	8.09	7.37	1.99	2.63	1.56	1.69
11	4.92	1.35	1.48	1.95	1.27	1.23	7.77	6.33	1.80	3.30	1.32	1.61
12	3.87	1.42	1.48	1.78	1.22	1.23	7.79	4.67	1.94	3.08	1.20	1.57
13	2.90	1.44	1.52	1.63	1.12	1.84	6.99	3.62	1.65	2.41	1.20	1.53
14	2.27	1.46	1.49	1.55	1.09	1.91	5.67	3.06	1.33	1.93	1.06	2.67
15	1.91	1.53	1.49	1.69	1.23	1.74	4.56	2.87	1.36	1.64	.99	3.84
16	1.78	1.60	1.63	1.75	1.28	2.33	3.61	2.57	1.39	1.50	.96	3.38
17	1.65	1.64	1.56	1.63	1.26	2.83	2.95	2.31	1.49	1.22	.92	2.64
18	1.57	1.59	1.63	1.51	1.22	2.59	2.56	2.29	3.35	1.02	.87	2.08
19	1.48	1.59	1.68	1.41	1.17	2.26	2.26	1.95	3.89	.90	.84	1.74
20	1.38	1.58	1.57	1.35	1.14	2.79	2.01	2.11	3.50	.83	.83	1.59
21	1.37	1.59	1.80	1.32	1.11	3.54	1.97	3.13	3.15	.79	.85	1.52
22	1.29	1.59	1.64	1.29	1.12	3.17	2.16	3.31	2.73	.77	.92	1.49
23	1.18	1.71	1.54	1.27	1.15	3.48	2.09	3.03	2.38	2.85	1.04	1.50
24	1.10	1.78	1.53	1.28	1.13	3.92	2.32	2.60	2.11	7.33	1.10	1.53
25	1.09	1.70	1.53	1.31	1.30	3.33	2.42	2.24	2.02	7.25	1.33	1.54
26	1.07	1.51	1.54	1.36	2.06	2.74	2.18	1.95	1.75	6.61	1.46	1.52
27	1.07	1.45	1.55	1.39	1.61	2.42	2.09	1.64	1.48	5.46	1.59	1.51
28	1.06	1.41	1.57	1.26	1.36	2.51	1.87	1.23	2.21	4.55	1.59	1.49
29	1.06	1.43	1.56	1.21	1.27	2.99	1.67	1.14	3.03	3.93	1.33	1.49
30	1.15	1.42	1.55	1.33	---	2.86	1.45	1.05	3.09	3.55	1.19	1.42
31	1.17	---	1.55	1.50	---	2.55	---	1.23	---	3.30	1.20	---
MAX	4.93	1.78	1.80	4.72	2.06	3.92	8.94	8.48	3.89	7.33	3.29	3.84
MIN	1.06	1.14	1.45	1.21	1.09	1.02	1.45	1.05	1.00	.77	.83	1.11

MISSISSIPPI RIVER DELTA

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 sea level. 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 not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.99 ft, Apr. 6; minimum gage height, 9.96 ft, Sept. 5, 6-8, 9.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.25	11.21	11.47	11.97	11.24	11.21	10.68	11.20	10.37	10.81	12.08	10.06
2	11.23	11.20	11.43	11.88	11.21	11.22	10.66	11.12	10.40	10.90	11.95	10.04
3	11.21	11.18	11.39	11.80	11.18	11.22	11.61	11.04	10.44	10.97	11.82	10.01
4	11.21	11.17	11.39	11.81	11.17	11.22	14.10	11.05	10.55	10.98	11.70	9.99
5	11.21	11.17	11.39	11.76	11.15	11.21	14.79	11.67	10.65	11.01	11.59	9.97
6	11.20	11.17	11.38	11.72	11.13	11.23	14.95	12.64	10.67	11.02	11.47	9.96
7	11.23	11.17	11.36	11.70	11.12	11.22	14.93	13.30	10.57	11.03	11.35	9.96
8	11.36	11.18	11.35	11.70	11.12	11.20	14.72	13.61	10.46	11.01	11.31	9.96
9	11.68	11.18	11.34	11.67	11.11	11.19	14.44	13.62	10.38	10.99	11.23	9.97
10	11.81	11.16	11.34	11.64	11.11	11.17	14.18	13.27	10.33	10.99	11.11	9.98
11	11.82	11.16	11.34	11.59	11.12	11.20	13.92	12.97	10.26	10.95	11.00	9.99
12	11.80	11.16	11.38	11.54	11.13	11.20	13.66	12.71	10.20	10.98	10.94	10.05
13	11.80	11.15	11.46	11.52	11.12	11.18	13.57	12.44	10.16	11.02	10.86	10.30
14	11.78	11.15	11.46	11.48	11.14	11.20	13.42	12.19	10.17	11.01	10.77	10.39
15	11.73	11.14	11.45	11.47	11.16	11.26	13.26	11.96	10.21	10.99	10.68	10.47
16	11.69	11.15	11.47	11.43	11.17	11.28	13.13	11.73	10.28	10.91	10.61	10.59
17	11.64	11.16	11.45	11.38	11.16	11.27	12.99	11.60	10.31	10.81	10.52	10.69
18	11.58	11.17	11.54	11.37	11.15	11.27	12.84	11.41	10.28	10.70	10.43	10.76
19	11.53	11.22	11.63	11.35	11.16	11.30	12.67	11.24	10.27	10.61	10.34	10.83
20	11.50	11.29	11.75	11.33	11.13	11.43	12.51	11.13	10.35	10.52	10.26	10.87
21	11.46	11.33	12.10	11.29	11.14	11.47	12.36	11.02	10.51	10.50	10.19	10.90
22	11.42	11.36	12.35	11.27	11.14	11.46	12.19	10.89	10.57	10.46	10.15	10.94
23	11.39	11.40	12.44	11.27	11.14	11.46	12.06	10.77	10.62	10.87	10.15	10.97
24	11.35	11.44	12.45	11.28	11.15	11.39	12.01	10.71	10.64	11.73	10.16	10.97
25	11.31	11.48	12.42	11.26	11.14	11.29	11.90	10.66	10.63	12.32	10.15	10.93
26	11.28	11.50	12.36	11.24	11.16	11.20	11.77	10.65	10.62	12.51	10.15	10.85
27	11.25	11.50	12.32	11.23	11.22	11.13	11.65	10.65	10.62	12.50	10.14	10.74
28	11.24	11.49	12.30	11.30	11.20	11.04	11.54	10.63	10.59	12.44	10.13	10.64
29	11.21	11.49	12.23	11.28	11.19	10.95	11.42	10.58	10.60	12.34	10.12	10.54
30	11.19	11.48	12.14	11.27	---	10.85	11.30	10.48	10.70	12.28	10.09	10.46
31	11.22	---	12.05	11.25	---	10.75	---	10.40	---	12.20	10.07	---
MAX	11.82	11.50	12.45	11.97	11.24	11.47	14.95	13.62	10.70	12.51	12.08	10.97
MIN	11.19	11.14	11.34	11.23	11.11	10.75	10.66	10.40	10.16	10.46	10.07	9.96

07385500 BAYOU TECHE AT ARNAUDVILLE, LA

LOCATION.--Lat 30°23'50", long 91°55'50", at NW corner sec. 63, T. 7 S., R. 5 E., Louisiana Meridian, St. Landry Parish, Hydrologic Unit 08080102, near center of span on downstream side of bridge on State Highway 31, at Arnaudville, and 270 ft upstream from Bayou Fusilier.

DRAINAGE AREA.--Approximately 1,530 mi². See REMARKS.

PERIOD OF RECORD.--April 1949 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to May 11, 1949, nonrecording gage. May 12, 1949 to May 11, 1960, water-stage recorder, May 26, 1960 to Aug. 15, 1961, nonrecording gage. All gages at same site and datum. Water-stage recorder for Bayou Teche at Robin (station 07385470) used as auxiliary gage for this station. Prior to Feb. 4, 1953, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at Weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaisses floodgates and to or from West Atchafalaya Floodway through Big Darbonne Bayou culvert and since April 1956 through Bayou Courtableau drainage structure. Since April 1952, floodflow is diverted from Bayou Rapides, drainage area, 76.1 mi², into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Teche-Vermilion freshwater diversion canal operational during the year anytime the flow in Bayou Courtableau does not bypass by way of the Courtableau Weirs near Krotz Springs. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--51 years, 897 ft³/s, 649,876 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,630 ft³/s, May 24, 1953; maximum elevation, 24.27 ft, May 23, 1953; minimum discharge, 53 ft³/s, Aug. 12, 1965, minimum elevation, 6.78 ft, Oct. 28, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,220 ft³/s, Apr. 3; maximum elevation, 14.85 ft; minimum discharge, 781 ft³/s, Jan. 2, 3, minimum elevation, 12.75 ft, Jan. 2-3.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	916	886	919	908	873	882	956	927	923	1050	971	880
2	914	877	919	766	904	903	949	921	933	1050	966	877
3	914	914	924	753	924	889	1130	924	938	1020	969	878
4	911	915	931	836	931	884	1200	978	945	965	986	875
5	907	897	938	819	927	898	1150	982	956	977	992	872
6	904	892	940	870	923	887	1110	1060	941	971	991	868
7	915	886	942	881	923	897	1050	1070	931	948	989	861
8	972	883	945	862	920	898	998	1010	944	938	973	864
9	1030	884	947	843	925	907	957	919	958	949	939	881
10	928	889	947	823	928	911	917	932	954	978	961	896
11	926	895	947	817	929	943	900	940	922	959	972	907
12	929	894	961	845	931	960	956	918	931	979	940	917
13	920	891	970	864	931	967	924	941	945	983	923	949
14	907	891	970	866	934	967	908	931	917	964	914	987
15	909	889	968	853	934	974	911	938	927	955	914	962
16	913	884	963	853	936	972	879	943	951	971	911	948
17	913	879	963	855	935	972	910	946	954	981	903	958
18	910	878	1010	860	925	970	920	947	982	983	896	956
19	908	876	942	862	905	977	926	938	989	979	894	956
20	907	882	975	859	906	964	936	955	1000	970	888	962
21	899	888	1100	853	903	972	908	956	962	958	885	961
22	897	897	992	849	912	965	897	948	915	950	893	962
23	896	908	971	859	897	956	926	941	913	986	909	956
24	893	912	971	859	885	967	948	944	953	1030	912	949
25	890	920	971	866	893	961	932	940	972	1000	911	938
26	888	922	965	867	915	966	932	946	961	990	907	929
27	886	923	960	862	939	958	929	944	967	962	906	923
28	878	926	953	868	898	944	929	955	979	972	905	920
29	871	926	963	865	866	958	912	923	1010	969	902	920
30	870	923	970	860	---	952	913	913	995	975	896	915
31	889	---	970	854	---	939	---	919	---	976	890	---
TOTAL	28210	26927	29807	26357	26552	29160	28813	29449	28568	30338	28808	27627
MEAN	910	898	962	850	916	941	960	950	952	979	929	921
MAX	1030	926	1100	908	939	977	1200	1070	1010	1050	992	987
MIN	870	876	919	753	866	882	879	913	913	938	885	861
AC-FT	55950	53410	59120	52280	52670	57840	57150	58410	56660	60180	57140	54800

MISSISSIPPI RIVER DELTA

07385500 BAYOU TECHE AT ARNAUDVILLE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.56	13.43	13.57	13.52	13.37	13.41	13.73	13.60	13.59	14.12	13.79	13.40
2	13.55	13.39	13.57	12.90	13.51	13.50	13.70	13.58	13.63	14.11	13.77	13.39
3	13.55	13.55	13.59	12.84	13.59	13.44	14.45	13.59	13.65	13.99	13.78	13.39
4	13.54	13.55	13.62	13.21	13.62	13.42	14.74	13.82	13.68	13.77	13.86	13.38
5	13.52	13.47	13.65	13.13	13.61	13.48	14.56	13.84	13.73	13.82	13.88	13.37
6	13.50	13.45	13.66	13.36	13.59	13.43	14.37	14.19	13.66	13.79	13.88	13.35
7	13.55	13.43	13.67	13.41	13.59	13.47	14.13	14.21	13.62	13.69	13.87	13.32
8	13.80	13.42	13.68	13.32	13.57	13.48	13.91	13.97	13.68	13.65	13.80	13.33
9	14.03	13.42	13.69	13.24	13.60	13.52	13.73	13.57	13.74	13.70	13.66	13.40
10	13.61	13.44	13.69	13.15	13.61	13.54	13.56	13.62	13.72	13.82	13.75	13.47
11	13.60	13.47	13.69	13.12	13.61	13.67	13.49	13.66	13.58	13.74	13.80	13.52
12	13.61	13.46	13.75	13.25	13.62	13.74	13.73	13.57	13.62	13.83	13.66	13.56
13	13.57	13.45	13.79	13.33	13.62	13.78	13.59	13.66	13.68	13.84	13.59	13.70
14	13.52	13.45	13.79	13.34	13.63	13.78	13.52	13.62	13.56	13.76	13.55	13.86
15	13.53	13.44	13.78	13.28	13.63	13.81	13.53	13.65	13.61	13.72	13.55	13.75
16	13.54	13.42	13.76	13.28	13.64	13.80	13.40	13.67	13.71	13.79	13.53	13.70
17	13.55	13.40	13.76	13.29	13.64	13.80	13.53	13.68	13.72	13.84	13.50	13.74
18	13.53	13.39	13.96	13.31	13.60	13.79	13.58	13.69	13.84	13.84	13.47	13.73
19	13.52	13.38	13.67	13.32	13.51	13.82	13.60	13.65	13.87	13.83	13.46	13.73
20	13.52	13.41	13.81	13.31	13.52	13.76	13.64	13.73	13.92	13.79	13.43	13.75
21	13.48	13.43	14.35	13.28	13.50	13.80	13.52	13.73	13.75	13.74	13.42	13.75
22	13.47	13.47	13.88	13.26	13.54	13.77	13.47	13.69	13.55	13.70	13.46	13.76
23	13.47	13.52	13.79	13.31	13.48	13.73	13.60	13.66	13.54	13.86	13.53	13.73
24	13.46	13.54	13.79	13.31	13.42	13.77	13.70	13.68	13.72	14.06	13.54	13.70
25	13.44	13.57	13.79	13.34	13.46	13.75	13.63	13.66	13.80	13.94	13.54	13.65
26	13.44	13.58	13.77	13.34	13.55	13.77	13.62	13.69	13.75	13.87	13.52	13.61
27	13.43	13.59	13.74	13.32	13.66	13.74	13.61	13.68	13.78	13.76	13.51	13.59
28	13.39	13.60	13.72	13.35	13.48	13.68	13.61	13.72	13.83	13.80	13.51	13.57
29	13.36	13.60	13.76	13.33	13.34	13.74	13.54	13.59	13.94	13.79	13.49	13.57
30	13.36	13.59	13.79	13.31	---	13.71	13.54	13.55	13.89	13.81	13.47	13.55
31	13.44	---	13.79	13.28	---	13.66	---	13.57	---	13.81	13.44	---
MAX	14.03	13.60	14.35	13.52	13.66	13.82	14.74	14.21	13.94	14.12	13.88	13.86
MIN	13.36	13.38	13.57	12.84	13.34	13.41	13.40	13.55	13.54	13.65	13.42	13.32

07385700 BAYOU TECHE AT KEYSTONE LOCK AND DAM NEAR ST. MARTINVILLE, LA

LOCATION.--Lat 30°04'15", long 91°49'45", on line between secs. 8 and 17, T. 11 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080102, on right bank of concrete lock and dam, 3.5 mi south of St. Martinville, and 11 mi upstream from Loreauville Canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1959 to current year. Daily gage heights since July 1913 in reports of Corps of Engineers.

GAGE.--Water-stage recorder and concrete dam. Datum of gage is mean low Gulf level or 0.78 ft below sea level. Water-stage recorder for Bayou Teche at Keystone Lock lower gage (station 07385702) used as auxiliary gage for this station.

REMARKS.--No estimated daily discharge. Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaisses floodgates and to or from West Atchafalaya Floodway through Big D'Arbonne Bayou Culvert and since April 1956 through Bayou Courtableau Drainage Structure. Since April 1952, floodflow is diverted from Bayou Rapides (drainage area, 76.1 mi²) into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Teche-Vermilion freshwater diversion operational during the year anytime the flow in Bayou Courtableau does not bypass by way of Courtableau weirs near Krotz Springs. Dependent upon its gradient, Bayou Fusilier interchanges flow between Bayou Teche and Vermilion River. Water from irrigation is diverted through Ruth Canal (Station 07386700) into Vermilion River. Crest of dam raised from 8.0 ft to 9.47 ft in June 1957.

AVERAGE DISCHARGE.--41 years, 484 ft³/s, 350,658 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft³/s, Sept. 5, 1973, maximum gage height, 16.15 ft, Oct. 23, 1984; minimum discharge, no flow at times in 1962-64, 1972, and 1988.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since July 1913, 24.30 ft, May 27, 1927; minimum, 0.75 ft, July 18, 1918.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 858 ft³/s, Sept. 13, gage height, 10.79 ft; minimum discharge, 83 ft³/s, Mar. 24, gage height, 9.79 ft; minimum gage height, 9.77 ft, Jan. 3.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	176	301	190	204	213	143	134	123	128	270	190	143
2	174	176	193	150	162	170	146	131	133	292	189	135
3	178	296	200	144	159	164	186	126	136	273	186	130
4	177	298	210	405	172	151	272	137	140	222	189	128
5	171	181	221	396	168	144	253	150	144	191	196	128
6	163	172	208	309	163	146	231	176	165	200	199	119
7	180	170	203	263	166	151	199	194	148	188	198	119
8	238	171	205	250	167	146	184	182	153	172	200	123
9	412	168	206	256	165	149	142	151	234	180	210	186
10	244	168	205	262	162	151	134	133	264	216	442	196
11	196	172	196	255	167	180	212	142	139	200	462	173
12	185	161	217	383	166	170	257	134	132	195	193	169
13	186	159	234	424	169	169	296	145	138	197	161	333
14	184	165	215	340	180	154	141	132	132	187	161	299
15	183	166	219	236	168	162	134	129	148	178	161	196
16	187	162	208	237	170	161	132	126	183	177	156	165
17	192	162	209	240	166	155	129	131	160	186	149	161
18	183	157	330	240	168	158	139	138	166	193	146	167
19	171	161	265	243	173	202	134	147	174	195	147	166
20	169	174	343	249	146	175	140	152	219	188	147	173
21	159	168	517	238	147	158	142	151	214	183	145	181
22	159	173	323	238	152	154	130	143	167	179	146	211
23	166	187	257	266	155	147	136	133	137	250	165	191
24	165	200	236	251	151	129	160	137	140	241	174	170
25	164	197	227	314	149	126	141	139	155	212	166	164
26	165	196	212	252	172	147	130	146	161	195	162	149
27	169	189	211	230	210	158	128	147	180	187	160	143
28	168	191	204	255	174	135	129	146	196	181	161	142
29	165	200	201	235	146	144	119	135	222	183	160	145
30	226	195	205	225	---	156	110	119	240	193	150	145
31	382	---	209	220	---	140	---	121	---	196	141	---
TOTAL	6037	5636	7279	8210	4826	4795	4920	4396	5048	6300	5812	5050
MEAN	195	188	235	265	166	155	164	142	168	203	187	168
MAX	412	301	517	424	213	202	296	194	264	292	462	333
MIN	159	157	190	144	146	126	110	119	128	172	141	119
AC-FT	11970	11180	14440	16280	9570	9510	9760	8720	10010	12500	11530	10020

MISSISSIPPI RIVER DELTA

07385700 BAYOU TECHE AT KEYSTONE LOCK AND DAM NEAR ST. MARTINVILLE, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.00	10.15	9.93	9.98	10.01	9.90	9.92	9.90	9.91	10.13	9.95	9.87
2	9.99	9.95	9.94	9.88	9.92	9.95	9.95	9.92	9.92	10.17	9.95	9.86
3	10.00	10.14	9.95	9.86	9.91	9.94	10.02	9.91	9.93	10.14	9.94	9.85
4	10.00	10.14	9.97	10.27	9.94	9.92	10.17	9.93	9.94	10.06	9.95	9.84
5	9.99	9.96	9.99	10.26	9.93	9.90	10.14	9.96	9.95	10.00	9.96	9.84
6	9.97	9.94	9.96	10.14	9.92	9.91	10.10	10.01	9.99	10.01	9.96	9.82
7	10.00	9.94	9.95	10.08	9.93	9.92	10.05	10.04	9.95	9.99	9.96	9.82
8	10.09	9.93	9.97	10.05	9.93	9.92	10.02	10.02	9.96	9.96	9.96	9.83
9	10.33	9.92	9.97	10.06	9.93	9.92	9.94	9.96	10.10	9.97	9.97	9.95
10	10.10	9.92	9.97	10.07	9.92	9.93	9.92	9.92	10.15	10.04	10.30	9.97
11	10.02	9.93	9.95	10.06	9.93	9.98	10.06	9.94	9.93	10.01	10.32	9.93
12	10.00	9.91	9.99	10.25	9.93	9.97	10.14	9.93	9.92	9.99	9.95	9.92
13	10.01	9.90	10.02	10.30	9.93	9.96	10.20	9.95	9.93	9.99	9.89	10.16
14	10.00	9.91	9.99	10.19	9.95	9.93	9.94	9.92	9.92	9.98	9.89	10.14
15	9.99	9.91	9.99	10.04	9.93	9.95	9.93	9.91	9.95	9.96	9.89	9.98
16	10.00	9.90	9.97	10.04	9.95	9.96	9.92	9.91	10.02	9.96	9.89	9.93
17	10.01	9.90	9.98	10.05	9.94	9.95	9.91	9.92	9.97	9.98	9.88	9.92
18	9.99	9.89	10.15	10.05	9.94	9.95	9.94	9.93	9.98	9.98	9.87	9.93
19	9.97	9.90	10.07	10.05	9.95	10.03	9.93	9.95	9.99	9.98	9.87	9.93
20	9.96	9.92	10.15	10.06	9.90	9.99	9.94	9.96	10.07	9.97	9.87	9.94
21	9.93	9.90	10.39	10.04	9.90	9.95	9.94	9.96	10.06	9.96	9.87	9.96
22	9.93	9.91	10.15	10.04	9.91	9.94	9.92	9.94	9.98	9.95	9.87	10.01
23	9.95	9.94	10.06	10.09	9.92	9.93	9.93	9.92	9.92	10.07	9.91	9.97
24	9.95	9.96	10.02	10.07	9.91	9.90	9.98	9.93	9.92	10.05	9.92	9.94
25	9.94	9.95	10.01	10.15	9.91	9.90	9.94	9.94	9.95	10.00	9.91	9.93
26	9.94	9.95	9.99	10.07	9.95	9.94	9.92	9.95	9.96	9.97	9.90	9.89
27	9.94	9.93	9.99	10.03	10.02	9.96	9.91	9.95	9.99	9.96	9.90	9.89
28	9.94	9.93	9.98	10.07	9.96	9.92	9.91	9.95	10.02	9.95	9.90	9.89
29	9.94	9.95	9.97	10.04	9.91	9.94	9.89	9.93	10.07	9.95	9.90	9.90
30	10.04	9.94	9.98	10.03	---	9.96	9.87	9.89	10.08	9.96	9.89	9.90
31	10.27	---	9.99	10.03	---	9.93	---	9.90	---	9.96	9.87	---
MAX	10.33	10.15	10.39	10.30	10.02	10.03	10.20	10.04	10.15	10.17	10.32	10.16
MIN	9.93	9.89	9.93	9.86	9.90	9.90	9.87	9.89	9.91	9.95	9.87	9.82

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 1996 to current year. October 1993 to September 1996 (fragmentary gage-height records).

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, -0.36 ft, Dec. 14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,210 ft³/s, Dec. 21, gage height, 2.82 ft, Oct. 8; no flow at times during year; minimum negative discharge, -584 ft³/s, June 2, minimum recorded gage height, -0.02 ft, Feb. 1, 7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-12	249	-4.3	58	92	150	41	-32	-58	609	86	-18
2	-6.8	273	-64	56	93	141	76	40	-11	335	94	49
3	1.6	89	-17	-42	70	57	74	13	-9.5	262	134	120
4	24	117	44	446	138	259	302	-25	22	386	138	14
5	94	60	224	450	---	134	---	3.7	48	206	170	2.8
6	-40	23	342	201	12	83	---	34	174	198	105	31
7	-158	75	46	203	56	111	---	104	65	179	52	-32
8	-93	46	81	109	92	95	---	102	56	142	46	-5.1
9	601	13	61	104	---	104	---	56	65	-7.0	102	102
10	267	13	226	215	-2.7	85	---	76	126	67	216	391
11	192	50	66	181	53	275	---	-28	105	121	532	392
12	129	120	25	190	35	200	160	-39	123	84	345	172
13	129	52	404	273	-13	140	290	88	67	129	77	324
14	125	69	195	291	118	100	219	182	-8.0	158	4.6	781
15	68	136	281	69	72	86	4.5	68	96	132	84	369
16	97	56	111	144	90	156	-14	31	-52	27	191	265
17	157	-1.1	66	98	101	193	57	-64	40	40	92	116
18	193	-7.4	421	124	76	163	49	-60	168	63	64	20
19	76	26	453	113	218	194	-29	75	124	145	58	46
20	265	51	452	206	229	143	-15	10	109	60	44	120
21	14	28	1020	138	93	50	190	121	136	73	17	120
22	-39	21	394	-15	84	97	-31	110	143	64	42	-13
23	133	61	265	153	73	81	-122	4.5	96	90	15	111
24	111	182	227	296	87	111	170	29	59	251	89	100
25	51	187	181	199	24	114	134	-35	38	168	67	221
26	56	186	147	179	125	80	44	-47	104	82	28	269
27	72	40	150	37	312	91	95	13	70	51	8.6	130
28	83	75	176	214	135	5.4	100	101	97	69	44	77
29	39	210	60	---	106	6.9	32	154	235	86	87	9.8
30	6.2	192	76	---	---	177	-45	62	218	157	132	26
31	248	---	62	---	---	108	---	-70	---	85	-36	---
TOTAL	2883.0	2691.5	6170.7	4690	2570.73	3790.3	1781.5	1077.2	2445.5	4512.0	3128.2	4310.5
MEAN	93.0	89.7	199	168	95.2	122	77.5	34.7	81.5	146	101	144

MISSISSIPPI RIVER DELTA

07385765 BAYOU TECHE NEAR JEANERETTE, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.33	1.28	.61	.63	.24	1.23	1.33	1.72	1.34	1.52	1.29	1.23
2	1.48	.71	.90	.73	.30	1.03	1.54	1.75	1.39	1.57	1.29	1.20
3	1.52	.33	1.41	.96	.38	1.30	1.76	1.78	1.32	1.71	1.35	.91
4	1.53	.75	1.61	1.06	.32	1.10	1.25	1.78	1.34	1.80	1.25	.86
5	1.29	.77	1.59	.37	---	.79	---	1.79	1.39	1.74	1.04	1.00
6	1.18	.86	.86	.57	.09	.99	---	1.87	1.09	1.60	.95	.90
7	1.55	.82	.90	.58	.23	1.04	---	1.86	.88	1.31	1.05	1.06
8	2.08	.84	1.06	.68	.27	1.17	---	1.79	1.09	1.07	1.28	1.29
9	2.49	.94	1.10	.92	---	1.20	---	1.75	1.28	1.14	1.26	1.92
10	2.28	1.11	.92	1.01	.38	1.30	---	1.62	1.55	1.31	1.21	2.00
11	1.94	1.21	.92	.81	.54	1.28	---	1.61	1.58	1.25	1.25	1.81
12	1.78	.98	1.33	.76	.64	.76	1.31	1.90	1.41	1.20	1.14	1.73
13	1.64	1.00	1.26	.85	.84	.89	1.27	1.88	1.31	1.10	1.11	1.64
14	1.48	1.09	.80	.42	.99	.97	.92	1.32	1.47	.97	1.26	1.69
15	1.52	.88	.73	.74	.82	1.17	.99	1.09	1.47	.78	1.32	1.37
16	1.53	.67	.31	.82	.99	1.45	1.26	1.20	1.69	.86	1.10	1.02
17	1.43	.82	.67	.79	.93	1.24	1.25	1.45	1.84	.97	.90	1.02
18	.94	1.05	1.08	.88	1.16	1.22	1.08	1.86	1.77	1.00	.88	1.28
19	.88	1.12	.93	.93	1.11	1.23	1.23	1.84	1.68	.92	.81	1.53
20	.25	1.20	.99	.87	.48	.98	1.55	1.84	1.67	.81	.81	1.53
21	.29	1.11	1.34	.43	.54	1.18	1.26	1.57	1.66	.80	.85	1.48
22	.65	1.29	.86	.94	.69	1.19	1.07	1.35	1.43	.87	.96	1.62
23	.73	1.39	.72	.97	.92	1.15	1.55	1.33	1.10	1.09	1.14	1.77
24	.43	1.23	.57	.56	.92	1.20	1.82	1.43	1.01	.96	1.17	1.72
25	.62	1.02	.34	.19	1.25	1.18	1.36	1.51	1.04	.88	1.21	1.43
26	.73	.52	.33	.06	1.48	1.17	1.28	1.80	1.17	.95	1.24	.76
27	.78	.71	.26	.09	1.24	1.23	1.25	2.01	1.24	1.14	1.29	.66
28	.83	.81	.16	.20	.96	1.20	1.29	1.76	1.30	1.21	1.30	.66
29	1.03	.68	.19	---	1.20	1.55	1.03	1.35	1.37	1.34	1.19	.72
30	1.20	.22	.40	---	---	1.52	1.30	1.05	1.34	1.38	.89	.94
31	1.45	---	.55	---	---	1.12	---	1.17	---	1.34	.92	---
MAX	2.49	1.39	1.61	1.06	---	1.55	---	2.01	1.84	1.80	1.35	2.00
MIN	.25	.22	.16	.06	---	.76	---	1.05	.88	.78	.81	.66

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, electromagnetic flowmeter, and concrete control. Datum of gage is sea level.

REMARKS.--Records fair, except those above 660 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 elevation, 21.97 ft, Oct. 31, 1985; no flow at times several years; maximum negative daily discharge, -470 ft³/s, July 15, 1989; minimum elevation, 9.03 ft, Nov. 26, 27, 28, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 376 ft³/s, Apr. 3; elevation, 14.00 ft, Apr. 3; minimum discharge, 169 ft³/s, Jan. 2-3; minimum elevation, 11.99 ft, Jan. 2, 3.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	241	228	241	236	222	226	256	235	222	265	223	197
2	240	224	240	183	234	234	253	233	226	264	221	196
3	240	238	241	178	242	228	329	233	227	249	221	197
4	239	239	243	208	244	227	362	253	229	229	227	196
5	237	232	246	201	243	232	339	254	233	232	229	195
6	236	230	248	221	242	228	317	286	227	230	228	194
7	240	228	248	226	241	232	292	288	223	221	227	192
8	262	227	249	218	240	232	271	265	227	217	222	193
9	286	227	250	211	242	235	254	229	232	221	211	200
10	245	229	250	203	243	237	238	233	231	231	219	207
11	244	231	251	201	244	249	231	236	218	224	223	211
12	245	231	255	212	244	256	252	228	222	230	212	215
13	242	230	259	219	244	259	240	235	227	232	207	228
14	237	229	259	220	245	259	233	232	216	225	204	244
15	238	228	258	215	246	262	234	234	219	221	204	235
16	239	227	257	215	246	261	222	235	228	226	204	230
17	240	225	257	215	246	261	233	236	229	230	202	235
18	238	224	275	217	242	261	237	236	240	231	199	235
19	237	224	249	218	234	263	239	232	244	229	199	236
20	237	226	261	217	235	258	243	239	251	225	198	238
21	234	228	322	215	233	262	232	238	231	222	197	239
22	233	231	269	213	237	259	226	235	213	218	201	239
23	232	236	260	217	231	255	238	232	212	230	207	238
24	231	237	259	217	227	260	246	232	227	247	208	235
25	230	240	260	220	230	258	239	231	233	237	209	232
26	230	241	258	220	238	259	239	232	228	231	208	230
27	229	242	256	218	248	256	236	231	231	221	208	228
28	226	243	253	220	232	251	237	235	236	224	208	228
29	223	243	257	219	220	256	230	223	248	223	208	228
30	223	242	260	217	---	254	229	219	242	224	206	227
31	229	---	260	215	---	249	---	221	---	225	204	---
TOTAL	7383	6960	7951	6625	6915	7719	7627	7381	6872	7134	6544	6598
MEAN	238	232	256	214	238	249	254	238	229	230	211	220

MISSISSIPPI RIVER DELTA

07386200 BAYOU FUSILIER AT WEIR AT ARNAUDVILLE, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.78	12.65	12.78	12.73	12.58	12.62	12.93	12.82	12.80	13.33	12.99	12.58
2	12.77	12.61	12.77	12.14	12.71	12.70	12.90	12.80	12.84	13.33	12.98	12.57
3	12.76	12.75	12.78	12.09	12.79	12.65	13.59	12.81	12.86	13.17	12.98	12.58
4	12.76	12.76	12.80	12.43	12.81	12.63	13.89	13.01	12.89	12.97	13.05	12.56
5	12.74	12.68	12.83	12.36	12.80	12.68	13.69	13.03	12.93	13.01	13.07	12.54
6	12.73	12.66	12.84	12.57	12.78	12.65	13.51	13.34	12.87	12.99	13.06	12.52
7	12.77	12.64	12.85	12.62	12.78	12.68	13.28	13.36	12.83	12.90	13.06	12.49
8	12.98	12.63	12.86	12.54	12.77	12.68	13.08	13.14	12.88	12.86	13.00	12.50
9	13.21	12.63	12.87	12.46	12.79	12.72	12.92	12.78	12.94	12.91	12.87	12.58
10	12.82	12.65	12.87	12.38	12.80	12.74	12.77	12.83	12.92	13.02	12.95	12.64
11	12.81	12.67	12.88	12.35	12.80	12.86	12.70	12.87	12.80	12.94	12.99	12.68
12	12.82	12.67	12.92	12.47	12.81	12.93	12.92	12.78	12.84	13.02	12.87	12.72
13	12.79	12.66	12.96	12.55	12.81	12.95	12.80	12.87	12.89	13.03	12.80	12.85
14	12.74	12.66	12.96	12.56	12.82	12.96	12.74	12.83	12.78	12.96	12.77	13.00
15	12.75	12.65	12.95	12.50	12.82	12.98	12.75	12.86	12.82	12.92	12.77	12.91
16	12.76	12.63	12.94	12.51	12.83	12.98	12.62	12.87	12.91	12.99	12.75	12.86
17	12.76	12.61	12.94	12.51	12.83	12.98	12.75	12.89	12.92	13.03	12.72	12.90
18	12.75	12.61	13.11	12.53	12.79	12.97	12.79	12.89	13.05	13.04	12.70	12.89
19	12.74	12.60	12.86	12.54	12.71	13.00	12.81	12.86	13.09	13.02	12.68	12.89
20	12.73	12.62	12.97	12.53	12.71	12.95	12.85	12.93	13.16	12.99	12.67	12.91
21	12.70	12.64	13.54	12.50	12.70	12.98	12.74	12.93	12.96	12.95	12.65	12.91
22	12.69	12.68	13.05	12.48	12.74	12.96	12.70	12.90	12.77	12.91	12.69	12.92
23	12.69	12.72	12.97	12.53	12.68	12.92	12.81	12.87	12.76	13.05	12.75	12.90
24	12.68	12.74	12.96	12.53	12.63	12.96	12.90	12.88	12.92	13.22	12.75	12.86
25	12.67	12.77	12.97	12.56	12.66	12.94	12.83	12.86	13.00	13.11	12.76	12.83
26	12.66	12.78	12.94	12.56	12.75	12.96	12.83	12.88	12.95	13.06	12.74	12.79
27	12.65	12.78	12.92	12.54	12.84	12.93	12.82	12.88	12.97	12.96	12.74	12.77
28	12.63	12.80	12.90	12.56	12.68	12.87	12.82	12.92	13.03	13.00	12.73	12.76
29	12.59	12.80	12.94	12.55	12.56	12.93	12.75	12.80	13.16	12.98	12.72	12.76
30	12.59	12.79	12.97	12.53	---	12.91	12.76	12.76	13.10	13.01	12.70	12.74
31	12.66	---	12.96	12.51	---	12.86	---	12.78	---	13.01	12.67	---
MAX	13.21	12.80	13.54	12.73	12.84	13.00	13.89	13.36	13.16	13.33	13.07	13.00
MIN	12.59	12.60	12.77	12.09	12.56	12.62	12.62	12.76	12.76	12.86	12.65	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 (elevations only).

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

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 20.46 ft, Oct. 26, 1996; minimum, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 10.84 ft, June 19; minimum elevation, 4.78 ft, Jan. 3.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.86	5.07	5.21	5.46	---	5.22	5.41	5.27	5.17	9.12	5.55	5.25
2	5.52	5.02	5.30	5.10	---	5.25	5.53	5.31	5.22	9.09	5.49	5.28
3	5.40	5.03	5.49	4.97	---	5.21	7.29	5.39	5.24	7.97	5.46	5.23
4	5.34	5.11	5.58	5.23	---	5.09	8.90	6.23	5.24	7.41	5.49	5.16
5	5.28	5.19	5.58	5.05	---	5.09	7.52	6.00	5.28	6.45	5.49	5.15
6	5.22	5.21	5.53	---	---	5.10	6.68	6.01	5.28	5.99	5.47	5.17
7	5.29	5.20	5.43	---	---	5.17	6.21	6.04	5.13	5.68	5.46	5.18
8	5.79	5.17	5.47	---	---	5.26	5.86	5.89	5.16	5.50	5.48	5.23
9	8.02	5.16	5.53	---	---	5.31	5.56	5.53	5.22	7.63	5.41	5.58
10	6.57	5.22	5.48	---	---	5.31	5.41	5.31	5.24	7.47	5.25	5.80
11	5.72	5.27	5.47	---	---	5.37	5.31	5.35	5.27	6.29	5.25	5.58
12	5.48	5.26	5.63	---	---	5.39	5.29	5.35	5.25	5.79	5.30	5.51
13	5.36	5.25	5.72	---	---	5.43	5.33	5.39	5.25	5.66	5.24	5.87
14	5.28	5.28	5.66	---	---	5.51	5.22	5.29	5.23	5.52	5.22	6.51
15	5.22	5.27	5.62	---	---	5.61	5.21	5.19	5.28	5.40	5.27	6.06
16	5.29	5.19	5.51	---	---	5.76	5.18	5.21	5.51	5.38	5.26	5.64
17	5.27	5.15	5.50	---	---	5.69	5.23	5.27	6.02	5.44	5.19	5.51
18	5.21	5.17	6.15	---	---	5.67	5.26	5.37	8.51	5.47	5.15	5.49
19	5.12	5.24	6.49	---	---	6.03	5.25	5.42	8.99	5.48	5.13	5.50
20	5.12	5.27	6.40	---	---	6.07	5.29	5.40	9.60	5.45	5.05	5.53
21	5.10	5.25	9.92	---	---	5.83	5.23	5.52	7.60	5.39	5.02	5.50
22	5.10	5.30	7.90	---	---	5.70	5.03	5.42	6.27	5.34	5.04	5.52
23	5.10	5.39	6.46	---	5.31	5.58	5.16	5.31	5.54	5.51	5.36	5.55
24	5.01	5.44	5.94	---	5.23	5.57	5.50	5.30	5.42	6.01	5.53	5.53
25	5.00	5.39	5.71	---	5.24	5.56	5.48	5.30	5.45	5.80	5.57	5.45
26	4.99	5.39	5.61	---	5.41	5.53	5.34	5.37	5.58	5.59	5.51	5.32
27	5.00	5.32	5.58	---	5.85	5.51	5.26	5.42	6.10	5.48	5.31	5.23
28	5.01	5.31	5.48	---	5.48	5.43	5.23	5.44	7.21	5.45	5.22	5.24
29	5.03	5.29	5.45	---	5.26	5.49	5.13	5.28	9.11	5.46	5.16	5.24
30	5.09	5.23	5.51	---	---	5.52	5.10	5.09	8.54	5.46	5.10	5.24
31	5.07	---	5.55	---	---	5.38	---	5.09	---	5.55	5.06	---
MAX	8.02	5.44	9.92	---	---	6.07	8.90	6.23	9.60	9.12	5.57	6.51
MIN	4.99	5.02	5.21	---	---	5.09	5.03	5.09	5.13	5.34	5.02	5.15

MISSISSIPPI RIVER DELTA

07386700 RUTH CANAL NEAR RUTH, LA

LOCATION.--Lat 30°14'35", long 91°53'05", in NE 1/4 NW 1/4 sec. 95, T. 9 S., R 6 E., St. Martin Parish, Hydrologic Unit 08080103, near center of span on downstream side of bridge on State Highway 31, 1,200 ft above control structure, 1,500 ft downstream from point of diversion from Bayou Teche, 0.4 mi northwest of Ruth, and 2.2 mi south of town of Breaux Bridge.

PERIOD OF RECORD.--August 1959 to current year. 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 NAVD 88. Prior to Oct. 1, 1998, datum of gage was sea level (U.S. Army Corps of Engineers' benchmark). Auxiliary water-stage recorder 150 ft below control structure at same datum. Since July 12, 1973, water-stage recorder for Ruth Canal at Ruth (station 07386705) used as auxiliary gage for this station. Nov. 4, 1965 to July 11, 1973, auxiliary nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharge, Sept. 9-18. Records good. Total flow through control structure diverted from Bayou Teche for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 802 ft³/s, Apr. 21, 1966; maximum negative 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 elevation, 12.88 ft, Jan. 9; minimum elevation, 7.79 ft, Sept. 6.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	540	599	537	562	458	509	560	548	570	547	577	551
2	546	546	534	607	502	533	557	547	571	546	577	551
3	547	270	526	652	628	514	560	544	574	543	576	553
4	547	600	525	204	626	512	562	547	575	540	576	557
5	549	540	523	207	629	516	569	550	569	547	578	552
6	552	539	530	325	627	513	565	557	524	556	581	551
7	553	538	533	536	603	511	560	560	525	560	581	549
8	555	539	539	587	554	510	552	558	523	562	579	548
9	545	538	564	588	549	512	558	552	300	548	301	e495
10	532	535	568	579	536	513	552	553	425	545	207	e493
11	541	533	571	414	522	512	295	563	559	557	412	e523
12	547	533	582	249	522	518	543	559	560	567	576	e533
13	548	535	597	242	521	585	399	556	563	574	570	e388
14	552	533	612	382	517	559	559	560	561	575	569	e444
15	552	536	611	499	521	557	556	564	573	573	567	e531
16	552	537	610	482	517	553	550	564	561	574	564	e553
17	552	536	583	480	520	556	549	566	554	576	567	e562
18	554	532	540	477	518	557	555	561	542	577	566	e554
19	554	531	540	478	511	548	558	558	534	580	565	555
20	557	530	525	480	517	549	555	559	525	581	566	556
21	561	533	432	483	519	553	553	561	533	583	565	557
22	559	532	468	479	517	554	556	562	543	583	564	562
23	556	529	499	468	515	556	553	563	552	583	558	558
24	559	529	524	471	515	556	547	564	559	574	554	554
25	558	533	534	353	514	554	553	564	563	576	556	554
26	557	537	540	451	510	558	555	562	559	574	555	559
27	557	536	546	439	507	558	555	560	560	574	556	558
28	557	534	574	432	512	557	555	559	553	574	558	557
29	555	534	613	439	510	553	556	569	537	576	558	556
30	236	539	599	444	---	551	553	572	545	576	558	553
31	266	---	577	459	---	559	---	573	---	576	559	---
TOTAL	16496	15916	17056	13948	15517	16746	16250	17335	16192	17577	16796	16167
MEAN	532	531	550	450	535	540	542	559	540	567	542	539

e Estimated

07386700 RUTH CANAL NEAR RUTH, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.40	8.66	8.26	8.61	9.56	8.04	7.98	8.01	8.02	8.54	8.12	7.94
2	8.39	8.29	8.30	9.19	9.60	8.12	8.03	7.98	8.04	8.58	8.11	7.89
3	8.38	8.99	8.35	9.49	9.57	8.09	8.18	7.96	8.04	8.51	8.12	7.86
4	8.36	8.65	8.35	9.38	9.54	8.00	8.48	8.07	8.05	8.36	8.11	7.85
5	8.34	8.33	8.32	9.17	9.53	8.01	8.41	8.13	8.09	8.26	8.11	7.83
6	8.33	8.31	8.26	8.95	9.51	8.02	8.29	8.23	8.19	8.23	8.11	7.82
7	8.41	8.30	8.25	11.31	9.20	8.04	8.16	8.27	8.14	8.15	8.12	7.84
8	8.61	8.29	8.39	12.75	8.51	8.05	7.98	8.20	8.19	8.09	8.14	7.88
9	8.96	8.29	8.69	12.85	8.44	8.06	7.90	8.06	8.76	8.20	8.36	---
10	8.55	8.29	8.74	12.72	8.30	8.08	7.89	7.99	8.63	8.33	9.34	---
11	8.42	8.29	8.74	12.42	8.16	8.11	8.59	8.06	8.07	8.22	9.09	---
12	8.40	8.27	9.03	11.99	8.14	8.09	8.60	8.07	8.02	8.17	8.09	---
13	8.39	8.28	9.24	11.44	8.18	8.06	8.70	8.02	8.05	8.16	8.00	---
14	8.38	8.28	9.33	10.87	8.15	7.98	7.90	7.96	8.04	8.12	8.01	---
15	8.37	8.27	9.31	10.33	8.16	8.05	7.87	7.96	8.20	8.07	8.02	---
16	8.38	8.25	9.22	9.98	8.16	8.05	7.87	8.00	8.17	8.07	7.98	---
17	8.38	8.25	8.88	9.87	8.19	8.01	7.86	8.05	8.12	8.11	7.96	---
18	8.34	8.26	8.63	9.80	8.23	8.07	7.90	8.11	8.18	8.12	7.95	---
19	8.31	8.28	8.65	9.82	8.09	8.22	7.95	8.09	8.26	8.12	7.94	8.04
20	8.29	8.26	8.55	9.82	8.04	8.12	7.99	8.06	8.51	8.10	7.93	8.07
21	8.28	8.27	8.54	9.81	8.07	8.07	7.92	8.04	8.38	8.09	7.92	8.06
22	8.29	8.29	8.42	9.86	8.10	8.03	7.87	7.99	8.15	8.08	7.94	8.15
23	8.29	8.31	8.34	9.70	8.14	8.00	7.98	7.98	8.02	8.35	8.01	8.13
24	8.29	8.29	8.42	9.58	8.12	7.97	8.05	8.02	8.02	8.31	8.02	8.05
25	8.29	8.30	8.41	9.44	8.16	7.94	7.95	8.03	8.05	8.19	7.97	7.98
26	8.29	8.28	8.43	9.17	8.22	7.97	7.94	8.08	8.09	8.13	7.96	7.92
27	8.29	8.27	8.46	8.94	8.24	7.96	7.94	8.11	8.20	8.11	7.96	7.90
28	8.29	8.27	8.79	8.93	8.12	7.94	7.93	8.05	8.26	8.10	7.97	7.90
29	8.29	8.26	9.30	8.92	8.06	7.97	7.91	8.00	8.39	8.11	7.95	7.90
30	8.72	8.25	9.13	8.97	---	7.95	7.93	7.95	8.38	8.11	7.92	7.91
31	9.14	---	8.84	9.34	---	7.91	---	7.99	---	8.14	7.92	---
MAX	9.14	8.99	9.33	12.85	9.60	8.22	8.70	8.27	8.76	8.58	9.34	---
MIN	8.28	8.25	8.25	8.61	8.04	7.91	7.86	7.95	8.02	8.07	7.92	---

MISSISSIPPI RIVER DELTA

07386850 VERMILION RIVER NEAR LAFAYETTE, LA.

LOCATION.--Lat 30°13'08", long 91°56'20", sec. 93, T. 9 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, on bridge at Lake Martin Road, approximately 1.6 miles southeast of the intersection of Lake Martin Road and State Highway 94, southest of Lafayette.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--June 1996 to September 1997 (daily records unpublished), October 1997 to current year (gage heights only).

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

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded 10.56 ft, Jan. 15, 1998; minimum elevation, 0.64 ft, Dec. 12, 13, 14, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.71 ft, Dec. 21; minimum elevation, 1.01 ft, Jan. 5.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.50	2.28	2.52	2.66	2.17	2.97	3.16	3.50	3.13	4.48	2.96	2.99
2	3.39	2.24	2.86	2.70	2.45	2.66	3.38	3.40	3.11	4.55	2.97	2.74
3	3.27	1.37	3.30	2.68	2.50	2.85	3.58	3.50	2.96	4.55	3.07	2.51
4	3.19	2.19	3.26	2.37	2.48	2.62	3.94	3.62	2.89	4.36	3.02	2.45
5	3.00	2.61	3.20	1.18	2.21	2.41	3.64	3.65	2.97	4.08	2.88	2.64
6	2.88	2.63	2.65	1.92	2.27	2.69	3.56	3.68	2.78	3.81	2.78	2.62
7	3.17	2.60	2.71	2.37	2.45	2.84	3.42	3.69	2.58	3.51	2.86	2.86
8	3.59	2.52	3.00	2.40	2.44	2.93	3.19	3.57	2.91	3.30	3.04	3.05
9	4.35	2.58	3.01	2.70	2.37	2.89	2.70	3.44	2.88	3.93	2.95	4.16
10	3.93	2.76	2.80	2.87	2.50	2.88	3.11	3.27	3.01	4.14	2.06	3.92
11	3.52	2.81	2.75	2.31	2.64	2.99	2.95	3.22	3.32	3.67	1.96	3.47
12	3.32	2.71	3.22	1.71	2.63	2.47	2.71	3.41	3.16	3.32	2.69	3.39
13	3.25	2.66	3.10	1.66	2.76	2.72	2.57	3.36	3.09	3.08	2.76	3.81
14	3.11	2.77	2.67	1.45	2.85	2.98	2.59	2.95	3.15	2.90	2.93	4.07
15	3.08	2.58	2.76	2.37	2.69	3.27	2.71	2.84	3.23	2.71	2.99	3.51
16	3.09	2.41	2.36	2.49	2.91	3.36	3.01	2.96	3.44	2.73	2.84	3.18
17	3.03	2.57	2.67	2.28	2.86	3.16	2.97	3.09	3.62	2.77	2.66	3.09
18	2.66	2.75	3.53	2.28	3.08	3.34	2.80	3.48	3.97	2.79	2.66	3.15
19	2.64	2.86	3.49	2.26	2.90	3.91	2.89	3.47	4.24	2.73	2.62	3.29
20	2.32	2.81	3.89	2.19	2.42	3.59	3.16	3.37	4.76	2.62	2.58	3.28
21	2.24	2.74	5.44	1.85	2.49	3.47	2.88	3.19	4.43	2.58	2.58	3.20
22	2.48	2.92	4.62	2.53	2.75	3.36	2.64	3.04	3.87	2.62	2.71	3.30
23	2.60	3.07	3.94	2.65	2.92	3.23	3.25	2.96	3.34	3.25	3.14	3.37
24	2.40	2.91	3.52	2.03	2.88	3.18	3.56	3.04	3.10	3.40	3.23	3.31
25	2.53	2.76	3.19	1.36	3.14	3.09	3.02	3.13	3.03	3.09	3.01	3.06
26	2.58	2.44	3.02	1.74	3.41	3.01	2.97	3.36	3.34	3.01	2.99	2.56
27	2.60	2.54	2.85	2.06	3.44	3.02	2.97	3.52	3.59	3.00	2.95	2.61
28	2.63	2.68	2.66	2.54	2.91	3.01	2.90	3.34	3.93	2.99	2.92	2.68
29	2.80	2.61	2.56	1.81	3.04	3.28	2.76	2.98	4.40	2.98	2.85	2.70
30	2.70	2.27	2.70	1.62	---	3.24	3.09	2.76	4.28	3.03	2.66	2.87
31	2.41	---	2.69	1.80	---	2.90	---	2.91	---	3.07	2.64	---
MAX	4.35	3.07	5.44	2.87	3.44	3.91	3.94	3.69	4.76	4.55	3.23	4.16
MIN	2.24	1.37	2.36	1.18	2.17	2.41	2.57	2.76	2.58	2.58	1.96	2.45

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 electromagnetic flowmeter. Datum of gage is 2.74 ft below NAVD 88. Prior to 1996 datum of gage was 2.85 ft below sea level. Prior to 1982, datum of gage was 2.31 ft below sea level (levels by Corps of Engineers). Prior to Oct. 1, 1985, water-stage recorder for Vermilion River at State Highway 3073, near Lafayette (station 07386935) used as auxiliary gage for this station.

REMARKS.--No estimated daily discharges. Records poor. 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 discharge, 6,280 ft³/s, July 17, 1989; maximum gage height 15.81 ft, Jan. 20, 1993; maximum negative discharge, -8,390 ft³/s, Dec. 18, 1995; minimum gage height 0.79 ft, Nov. 20, 1969; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 1,420 ft³/s, June 20, maximum gage height, 8.20 ft, Dec. 21; maximum negative discharge, -1,590 ft³/s, Sept. 13; no flow at times during the year; minimum gage height, 3.27 ft, Jan. 5.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	843	361	626	460	331	712	647	589	662	853	---	524
2	683	475	585	414	404	677	692	711	695	816	---	652
3	760	318	564	326	409	593	788	652	660	767	---	633
4	706	365	642	323	426	658	1210	739	661	723	---	578
5	688	486	709	316	435	625	1120	713	685	632	779	574
6	645	449	783	276	411	555	933	661	657	591	827	604
7	581	458	652	417	424	599	897	667	523	581	781	564
8	557	---	643	417	432	593	892	684	438	510	785	517
9	828	548	630	329	492	604	809	613	458	523	721	178
10	872	539	363	451	554	579	668	630	449	795	456	619
11	774	585	210	406	596	631	570	620	612	781	423	703
12	746	636	260	218	595	693	569	603	709	696	716	744
13	736	688	365	186	561	620	590	694	733	609	697	560
14	718	752	383	254	563	655	725	767	732	522	637	749
15	650	855	353	252	607	664	692	688	774	455	638	680
16	627	797	399	355	536	692	691	647	754	464	666	690
17	652	783	343	356	524	762	742	640	721	572	615	766
18	685	783	349	348	471	625	744	576	966	535	565	708
19	613	787	560	333	554	782	675	670	1130	557	554	673
20	628	766	355	361	592	983	672	703	1320	506	515	693
21	555	754	668	370	518	838	776	757	1180	486	480	724
22	489	712	926	285	593	806	684	677	1020	465	510	666
23	493	690	795	372	685	752	584	665	908	---	419	655
24	438	693	708	410	703	715	671	587	811	---	502	659
25	423	672	687	286	591	756	788	637	755	---	458	661
26	405	701	628	341	635	769	706	595	748	---	465	690
27	384	642	573	317	892	752	736	586	800	---	465	578
28	396	658	557	341	834	695	721	658	633	---	452	554
29	403	674	506	380	695	663	699	690	1010	---	460	588
30	367	693	483	344	---	743	587	718	849	---	480	610
31	275	---	497	322	---	759	---	560	---	---	473	---
TOTAL	18620	---	16802	10566	16063	21550	22278	20397	23053	---	---	18794
MEAN	601	---	542	341	554	695	743	658	768	---	---	626

MISSISSIPPI RIVER DELTA

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.93	4.77	4.96	5.01	4.60	5.35	5.58	5.97	5.54	6.70	5.34	5.38
2	5.86	4.58	5.35	5.10	4.81	5.00	5.79	5.81	5.49	6.75	5.36	5.10
3	5.75	3.83	5.83	5.16	4.84	5.23	5.94	5.94	5.31	6.79	5.47	4.84
4	5.68	4.71	5.74	4.87	4.79	4.90	5.98	6.01	5.23	6.66	5.40	4.81
5	5.45	5.05	5.64	3.51	4.46	4.71	5.78	6.05	5.32	6.42	5.23	5.04
6	5.34	5.06	4.95	4.41	4.59	5.07	5.86	6.11	5.09	6.14	5.13	5.00
7	5.68	5.02	5.09	4.80	4.78	5.24	5.75	6.08	4.90	5.81	5.23	5.30
8	6.14	4.95	5.42	4.85	4.75	5.34	5.47	5.94	5.32	5.64	5.46	5.51
9	6.77	5.04	5.40	5.19	4.67	5.27	4.97	5.84	5.34	6.30	5.38	6.76
10	6.33	5.23	5.12	5.29	4.84	5.27	5.53	5.66	5.49	6.42	4.61	6.40
11	5.94	5.28	5.12	4.74	4.99	5.34	5.41	5.64	5.73	5.96	4.49	5.88
12	5.76	5.14	5.66	4.27	4.98	4.70	5.16	5.87	5.52	5.64	5.08	5.82
13	5.70	5.11	5.44	4.22	5.15	5.07	5.00	5.76	5.46	5.39	5.15	6.29
14	5.55	5.23	4.94	3.87	5.21	5.33	4.91	5.28	5.54	5.20	5.35	6.48
15	5.55	5.00	5.08	4.88	5.02	5.67	5.07	5.20	5.59	5.01	5.41	5.85
16	5.57	4.81	4.62	4.95	5.30	5.73	5.42	5.35	5.80	5.05	5.22	5.53
17	5.49	5.01	5.05	4.72	5.22	5.46	5.34	5.52	6.02	5.11	5.03	5.48
18	5.06	5.22	5.94	4.72	5.50	5.74	5.15	5.96	6.23	5.14	5.03	5.58
19	5.05	5.34	5.74	4.70	5.24	6.27	5.28	5.90	6.37	5.05	4.98	5.74
20	4.65	5.27	6.35	4.61	4.68	5.83	5.57	5.78	6.86	4.93	4.94	5.71
21	4.62	5.19	7.74	4.25	4.84	5.81	5.18	5.53	6.61	4.91	4.97	5.62
22	4.91	5.41	6.76	5.06	5.14	5.70	4.97	5.37	6.11	4.97	5.12	5.75
23	5.01	5.56	6.18	5.09	5.33	5.57	5.72	5.30	5.62	5.66	5.62	5.81
24	4.80	5.35	5.79	4.36	5.25	5.51	5.98	5.42	5.39	5.72	5.64	5.74
25	4.96	5.18	5.45	3.76	5.60	5.42	5.32	5.52	5.36	5.41	5.42	5.41
26	5.02	4.78	5.29	4.09	5.86	5.32	5.31	5.79	5.68	5.36	5.39	4.85
27	5.04	4.97	5.12	4.49	5.74	5.33	5.30	5.96	5.90	5.38	5.37	4.98
28	5.07	5.12	4.91	4.99	5.20	5.35	5.21	5.69	6.30	5.38	5.33	5.05
29	5.29	5.01	4.84	4.11	5.45	5.69	5.07	5.30	6.59	5.37	5.25	5.08
30	5.25	4.62	5.03	3.94	---	5.59	5.52	5.10	6.51	5.40	5.01	5.27
31	5.00	---	5.02	4.19	---	5.20	---	5.30	---	5.43	5.01	---
MAX	6.77	5.56	7.74	5.29	5.86	6.27	5.98	6.11	6.86	6.79	5.64	6.76
MIN	4.62	3.83	4.62	3.51	4.46	4.70	4.91	5.10	4.90	4.91	4.49	4.81

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 (elevations only).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 14.07 ft, Oct. 26, 1996; minimum, -0.68 ft, Dec. 12, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.34 ft, Dec. 20, 21; minimum elevation, -0.41 ft, Nov. 3.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.46	1.58	1.68	1.38	1.34	1.95	2.53	3.03	2.42	2.77	1.92	2.08
2	2.56	.65	2.29	1.71	1.26	1.51	2.62	2.63	2.22	2.77	1.98	1.56
3	2.44	.45	2.86	1.98	1.32	1.94	2.65	2.83	1.92	2.92	2.16	1.11
4	2.42	1.67	2.62	1.48	1.03	1.15	1.40	2.81	1.83	2.90	2.02	1.31
5	2.00	1.70	2.20	-.13	.46	1.17	1.55	2.86	1.92	2.72	1.67	1.73
6	2.03	1.74	.96	1.35	.97	1.85	2.27	2.96	1.47	2.40	1.63	1.68
7	2.66	1.58	1.78	1.50	1.22	2.02	2.20	2.84	1.47	1.93	1.87	2.20
8	3.16	1.54	2.19	1.67	1.09	2.14	1.52	2.60	2.16	1.78	2.26	2.49
9	3.44	1.72	2.07	1.99	.93	1.96	1.14	2.57	2.31	2.61	2.09	4.15
10	2.75	2.02	1.47	1.84	1.40	2.04	2.35	2.30	2.57	2.60	1.60	3.33
11	2.34	2.00	1.87	1.37	1.50	1.78	2.26	2.45	2.57	2.04	1.61	2.58
12	2.34	1.73	2.55	1.33	1.51	.78	1.97	2.83	2.18	1.82	1.69	2.65
13	2.30	1.78	1.76	1.28	1.86	1.71	1.67	2.49	2.08	1.56	1.84	2.98
14	2.14	1.95	1.18	.60	1.79	2.04	1.23	1.65	2.31	1.37	2.15	3.05
15	2.27	1.47	1.44	1.93	1.51	2.44	1.70	1.81	2.26	1.15	2.15	2.12
16	2.33	1.33	.72	1.76	2.00	2.41	2.22	2.05	2.57	1.42	1.71	1.92
17	2.16	1.72	1.69	1.44	1.86	1.89	1.91	2.39	2.94	1.52	1.51	2.08
18	1.42	2.02	2.58	1.45	2.35	2.48	1.67	3.03	2.76	1.54	1.54	2.40
19	1.56	2.12	1.86	1.39	1.65	2.84	2.04	2.77	2.58	1.36	1.42	2.67
20	.66	1.99	2.95	1.21	.88	1.92	2.36	2.55	2.83	1.19	1.41	2.51
21	1.04	1.88	4.18	.86	1.48	2.39	1.43	2.05	2.71	1.23	1.56	2.36
22	1.52	2.25	2.15	2.15	1.91	2.24	1.53	1.87	2.15	1.41	1.81	2.65
23	1.46	2.39	1.82	1.72	2.13	2.14	2.79	1.89	1.73	2.32	2.45	2.69
24	1.25	1.84	1.54	.55	1.95	2.07	2.73	2.14	1.70	1.96	2.25	2.51
25	1.54	1.66	1.15	.38	2.65	1.97	1.68	2.33	1.81	1.72	2.04	1.81
26	1.62	.87	1.20	.62	2.75	1.75	1.86	2.76	2.06	1.81	1.99	.99
27	1.61	1.58	.99	1.40	2.00	1.77	1.79	2.96	2.24	1.99	2.03	1.49
28	1.67	1.73	.73	1.63	1.52	1.99	1.69	2.34	2.57	1.99	2.00	1.60
29	2.13	1.45	.96	.12	2.27	2.55	1.61	1.75	2.57	2.01	1.80	1.72
30	2.17	.81	1.38	.17	---	2.15	2.48	1.68	2.72	1.96	1.34	2.00
31	2.04	---	1.38	.86	---	1.62	---	2.13	---	1.93	1.65	---
MAX	3.44	2.39	4.18	2.15	2.75	2.84	2.79	3.03	2.94	2.92	2.45	4.15
MIN	.66	.45	.72	-.13	.46	.78	1.14	1.65	1.47	1.15	1.34	.99

MISSISSIPPI RIVER DELTA

07386980 VERMILION RIVER AT PERRY, LA

LOCATION.--Lat 29°57'04", long 92°09'22", on line between secs. 60 and 61, T. 12 S., R. 3 E., Vermilion Parish, Hydrologic Unit 08080103, at bridge on State Highway 82 at Perry, 2.0 mi south of Abbeville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to September 1984 (gage heights only) October 1984 to current year. Unpublished gage-height records, August 1960 to September 1978, available in files of the Louisiana District Office, Baton Rouge, La.

REVISED RECORDS.--WDR LA 80-3: 1979.

GAGE.--Water-stage recorder and electromagnetic flowmeter. Datum of gage is 3.46 ft below sea level (levels by Louisiana Department of Transportation and Development, Office of Highways). Prior to 1997 datum of gage is 3.34 ft below sea level. Prior to 1982 datum of gage 2.95 ft below National Geodetic Vertical of 1929.

REMARKS.--No estimated daily discharges. Records poor. No velocity records: Dec. 23-26 and Feb. 14-20. 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 gage height recorded, 12.06 ft, May 31, 1979; maximum negative discharge recorded, -2,800 ft³/s, Aug. 15, 1985; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 5,100 ft³/s, Dec. 21; maximum gage height, 7.42 ft, Sept. 9; maximum negative discharge, -1,350 ft³/s, Apr. 9; no flow at times during the year; minimum gage height, 2.19 ft, Jan. 24.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1040	713	597	662	608	1110	430	837	723	1980	804	1100
2	943	1190	174	698	824	699	851	864	886	1520	769	1010
3	882	66	676	585	685	965	1260	841	829	1340	937	954
4	826	322	602	1560	997	1120	1710	759	719	1190	1010	711
5	983	480	1490	264	680	613	608	655	893	973	1040	842
6	563	540	990	423	581	631	1120	750	958	1130	802	607
7	240	766	410	776	701	647	866	880	351	1060	696	734
8	632	637	717	516	731	786	1630	838	650	950	710	447
9	1470	633	881	795	718	783	149	767	546	1160	1040	2260
10	1240	630	1150	1060	539	613	579	895	406	1140	859	1720
11	1070	720	353	720	692	1590	999	440	912	994	507	1030
12	788	776	671	424	625	400	768	611	926	930	982	901
13	1000	635	1550	617	577	748	1160	1030	974	915	748	1250
14	912	843	470	322	---	551	835	941	776	883	821	1650
15	784	893	1300	421	---	815	611	676	1070	773	985	1130
16	799	645	282	688	---	1090	749	804	712	726	1080	968
17	974	549	713	512	---	909	991	292	1070	732	823	875
18	871	494	1660	539	---	1140	752	534	1390	849	902	835
19	1010	609	1000	648	---	2000	497	927	1140	946	948	850
20	900	559	2300	948	---	992	941	784	1160	845	943	1040
21	540	406	3990	370	554	815	1140	916	1210	785	789	855
22	603	465	1700	305	524	932	184	888	1250	791	759	735
23	960	754	---	1090	703	773	258	625	973	1050	928	898
24	679	1360	---	1100	592	846	1500	673	825	1490	1190	969
25	790	1260	---	316	397	892	748	472	737	890	906	1240
26	813	995	---	573	1040	776	684	415	916	876	862	669
27	880	733	1180	232	1670	916	931	744	1130	678	778	808
28	798	682	912	1390	493	556	875	991	1350	775	823	864
29	575	855	654	672	758	780	450	873	1640	767	961	739
30	579	592	754	544	---	1090	269	632	2320	891	977	877
31	896	---	663	335	---	612	---	469	---	813	575	---
TOTAL	26040	20802	---	20105	---	27190	24545	22823	29442	30842	26954	29568
MEAN	840	693	---	649	---	877	818	736	981	995	869	986

07386980 VERMILION RIVER AT PERRY, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.13	4.32	4.55	4.04	4.10	4.54	5.41	5.83	5.21	4.84	4.55	4.63
2	5.28	2.96	5.23	4.41	3.86	4.15	5.30	5.36	4.87	4.94	4.64	4.12
3	5.17	3.38	5.71	4.76	3.98	4.62	5.19	5.53	4.52	5.22	4.80	3.64
4	5.20	4.57	5.44	3.57	3.43	3.59	3.15	5.54	4.45	5.35	4.60	4.02
5	4.69	4.44	4.62	2.68	2.97	3.93	4.11	5.60	4.50	5.23	4.21	4.33
6	4.87	4.51	3.29	4.21	3.69	4.65	4.80	5.70	4.01	4.84	4.28	4.45
7	5.57	4.26	4.60	4.16	3.89	4.82	4.80	5.51	4.24	4.36	4.59	4.97
8	6.05	4.25	4.94	4.47	3.71	4.89	3.63	5.24	4.91	4.23	4.96	5.36
9	5.94	4.47	4.74	4.51	3.55	4.68	3.83	5.25	5.10	4.72	4.70	6.71
10	5.28	4.78	3.85	4.30	4.14	4.83	5.10	4.91	5.45	4.81	4.32	5.78
11	4.91	4.68	4.70	4.06	4.17	4.01	4.89	5.26	5.28	4.43	4.50	5.20
12	5.06	4.33	5.27	4.22	4.21	3.31	4.71	5.66	4.84	4.28	4.32	5.34
13	4.94	4.50	3.91	4.12	4.63	4.40	4.27	5.15	4.72	4.04	4.57	5.18
14	4.78	4.58	3.94	3.51	4.41	4.82	3.83	4.19	5.04	3.87	4.87	5.12
15	4.98	4.04	3.67	4.80	4.20	5.16	4.46	4.56	4.89	3.75	4.76	4.57
16	5.04	4.10	3.49	4.48	4.67	5.02	4.95	4.75	5.33	4.03	4.23	4.48
17	4.80	4.53	4.45	4.18	4.59	4.47	4.53	5.22	5.66	4.12	4.14	4.74
18	4.09	4.86	4.79	4.16	5.08	4.95	4.35	5.86	5.28	4.11	4.17	5.10
19	4.16	4.88	4.25	4.05	4.06	4.83	4.82	5.48	5.08	3.89	4.03	5.38
20	3.15	4.75	4.82	3.70	3.50	4.32	5.02	5.25	5.17	3.77	4.04	5.12
21	3.87	4.66	5.23	3.70	4.26	5.10	3.85	4.64	5.05	3.86	4.25	5.01
22	4.30	5.05	3.80	5.03	4.71	4.90	4.29	4.47	4.46	4.07	4.55	5.38
23	4.07	5.12	3.99	4.21	4.92	4.82	5.66	4.56	4.17	4.78	4.93	5.37
24	3.94	4.31	3.67	2.86	4.69	4.75	5.19	4.82	4.27	4.15	4.72	5.10
25	4.25	4.13	3.43	3.30	5.54	4.62	4.28	5.11	4.45	4.30	4.65	4.16
26	4.32	3.37	3.59	3.39	5.40	4.40	4.51	5.63	4.62	4.39	4.62	3.51
27	4.26	4.29	3.37	4.39	4.17	4.35	4.33	5.76	4.66	4.66	4.68	4.14
28	4.34	4.39	3.11	3.94	4.21	4.67	4.31	4.93	4.71	4.62	4.65	4.25
29	4.90	3.99	3.63	2.62	5.02	5.30	4.37	4.33	4.69	4.64	4.40	4.45
30	5.01	3.57	4.05	2.86	---	4.71	5.38	4.40	4.90	4.53	3.89	4.66
31	4.72	---	4.06	3.71	---	4.23	---	4.95	---	4.50	4.40	---
MAX	6.05	5.12	5.71	5.03	5.54	5.30	5.66	5.86	5.66	5.35	4.96	6.71
MIN	3.15	2.96	3.11	2.62	2.97	3.31	3.15	4.19	4.01	3.75	3.89	3.51

07387040 VERMILION BAY NEAR CYPRE MORT POINT, LA

LOCATION.--Lat 29°42'47", long 91°52'49", sec. 30, T. 15 S., R. 6 E., St. Mary Parish, Hydrologic Unit 08080103, on bulkhead at Cypressmort Point Yacht Club.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORD

PERIOD OF RECORD.--October 1997 to current year. Prior to October 1997 records for this site are located at Louisiana Department of Wildlife and Fisheries.

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

REMARKS.--Elevations affected by wind and tide at all stages. Satellite telemetry with wind speed and direction at station.

EXTREMES FOR THE PERIOD OF RECORD.--Maximum elevation recorded, 5.07 ft, Sept. 11, 1998; minimum elevation recorded, -1.60 ft, Dec. 13, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.68 ft, Sept. 9; minimum elevation, -1.65 ft, Mar. 12.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	1.92	.14	1.22	1.57	-.64	.74	1.24	.71	.95	1.20	-.61	.42
2	2.23	.38	1.38	.63	-1.59	-.69	2.21	.78	1.47	1.31	-.30	.64
3	2.14	.61	1.40	1.13	-1.43	.16	2.48	1.12	1.85	2.04	.08	1.06
4	2.20	.52	1.48	1.46	.56	.93	2.30	1.16	1.72	1.28	-1.62	-.69
5	1.58	.43	1.15	1.21	.01	.72	2.12	-.15	.82	.93	-1.60	-.63
6	2.06	.46	1.42	1.36	.14	.88	1.07	-1.40	-.31	1.39	-.54	.52
7	2.73	.67	1.93	1.23	-.24	.63	1.90	.00	1.02	1.30	-.68	.34
8	3.10	1.59	2.47	1.50	-.21	.71	1.88	.19	1.16	1.61	-.22	.74
9	2.39	1.12	1.87	1.72	-.08	.90	1.95	.06	1.01	1.61	-.30	.78
10	1.79	.44	1.27	1.91	.18	1.15	1.39	-1.16	.07	1.68	-.62	.44
11	1.89	.22	1.05	1.85	.05	1.03	2.10	.08	1.03	.93	-.45	.41
12	2.11	.61	1.39	1.56	-.27	.61	2.25	.75	1.61	1.16	.09	.57
13	2.01	.46	1.30	1.96	.00	.92	2.08	-1.46	-.05	1.16	-.13	.44
14	2.05	.33	1.14	1.99	-.15	.86	1.51	-.05	.47	1.28	-1.22	-.12
15	2.17	.36	1.35	1.21	-.49	.33	1.51	-1.60	-.39	1.38	.56	1.03
16	2.23	.43	1.37	1.18	.23	.59	1.26	-.83	.15	1.38	-.07	.62
17	2.09	.01	1.02	1.36	.54	.94	1.41	.15	.75	1.16	-.50	.50
18	.86	.16	.51	1.71	.83	1.21	1.55	.23	.72	1.25	-.55	.52
19	1.48	-.99	.46	1.79	.71	1.12	1.38	-.45	.50	1.39	-.55	.49
20	-.07	-.89	-.41	1.68	.59	1.09	1.22	-.39	.25	1.24	-1.26	-.20
21	.92	-.31	.38	1.95	.27	1.11	.78	-1.06	-.04	1.44	-.85	.09
22	1.57	-.03	.85	2.05	.33	1.35	.69	-1.16	-.18	1.92	.31	1.30
23	1.05	-.41	.41	2.00	.26	1.34	.94	-.88	.16	1.36	-.59	.41
24	1.26	-.29	.35	1.53	-.64	.52	.76	-1.30	-.21	.86	-1.60	-.98
25	1.38	-.18	.67	1.46	-.54	.44	.59	-1.22	-.36	.35	-1.60	-.19
26	1.48	-.30	.70	1.30	-.97	-.11	.57	-1.05	-.15	.63	-.67	-.22
27	1.48	-.47	.61	1.57	-.38	.70	.49	-1.00	-.27	1.22	-.29	.39
28	1.70	-.40	.69	1.57	-.27	.70	.47	-1.47	-.55	1.11	-1.47	-.29
29	1.91	.24	1.21	1.32	-.59	.22	.85	-.42	.04	-.33	-1.64	-.81
30	2.25	.43	1.38	.92	-.65	.05	.91	-.13	.33	.32	-1.54	-.62
31	2.50	-.44	.98	---	---	---	1.01	-.38	.41	1.04	-.81	.18
MONTH	3.10	-.99	1.06	2.05	-1.59	.70	2.48	-1.60	.45	2.04	-1.64	.23

07387040 VERMILION BAY NEAR CYPREMORE POINT, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.01	-.57	.35	1.35	-.10	.72	2.14	.97	1.55	2.71	1.34	1.91
2	.88	-.82	.13	1.43	-.60	.46	1.91	.63	1.41	2.24	.98	1.56
3	.87	-.66	.28	1.72	-.23	.83	2.49	.18	1.32	2.74	.68	1.70
4	.66	-1.15	-.36	.71	-1.43	-.17	.22	-1.64	-.92	2.38	.68	1.73
5	.18	-1.43	-.68	1.04	-.61	.28	1.52	-.73	.58	2.31	.42	1.68
6	.64	-.80	.03	1.41	.13	.88	1.67	.28	1.00	2.39	.63	1.74
7	.73	-.70	.12	1.42	.36	.95	1.80	.06	1.09	2.19	.79	1.58
8	.49	-.53	.08	1.63	.56	1.07	.56	-1.34	-.32	2.11	.45	1.40
9	.55	-.57	-.05	1.36	.51	.97	1.86	-1.58	.29	2.29	.54	1.41
10	.98	-.10	.45	1.70	.51	1.15	2.03	.18	1.29	1.83	.32	1.10
11	.93	.09	.46	1.14	-1.41	.10	1.57	.08	.99	2.30	.99	1.56
12	1.00	-.14	.53	1.32	-1.65	-.15	1.87	-.01	.99	2.34	1.50	1.88
13	1.50	.08	.94	1.34	-.35	.65	1.36	-.24	.50	2.25	.13	1.22
14	1.38	-.12	.63	1.93	-.13	.94	.96	-.56	.24	1.26	-.29	.37
15	1.74	-.60	.57	2.17	.14	1.24	1.46	.19	.84	1.59	.25	.86
16	1.74	-.20	.81	2.13	.25	1.10	1.92	.55	1.24	1.61	.16	1.05
17	1.60	-.29	.81	1.37	-.37	.69	1.46	.19	.85	2.14	.16	1.60
18	1.94	.17	1.15	1.64	.00	.99	1.21	.02	.68	2.89	1.01	2.12
19	1.51	-1.07	.10	1.59	-.61	.45	1.78	.23	1.20	2.25	.79	1.61
20	.68	-.86	-.15	1.28	-.46	.59	2.18	.53	1.31	2.42	.24	1.55
21	1.16	-.15	.55	1.80	.78	1.28	.59	-.42	.14	1.58	-.01	.90
22	1.25	.25	.86	1.57	.56	1.08	2.00	-.78	.82	1.69	-.03	.80
23	1.43	.51	1.05	1.43	.30	1.03	3.24	.84	2.07	1.77	-.45	.93
24	1.61	.18	.88	1.28	.44	.99	2.17	-.04	1.16	1.96	.38	1.15
25	2.01	1.02	1.61	1.32	.32	.88	1.70	-.52	.63	2.19	.70	1.49
26	1.92	.77	1.35	1.88	.02	.83	2.05	-.18	.91	2.43	1.52	1.97
27	.83	-.73	.07	1.61	-.01	.74	1.36	-.21	.65	2.49	1.11	1.93
28	1.74	-.58	.58	2.19	-.13	1.09	1.29	.06	.69	1.68	.48	1.12
29	1.80	.39	1.17	2.10	.87	1.61	1.67	-.01	.78	1.03	.13	.60
30	---	---	---	1.90	.28	.86	2.32	.84	1.62	1.26	.26	.75
31	---	---	---	1.64	-.72	.56	---	---	---	1.81	.45	1.28
MONTH	2.01	-1.43	.49	2.19	-1.65	.80	3.24	-1.64	.85	2.89	-.45	1.37

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	2.06	.29	1.43	1.66	-.53	.69	1.48	-.20	.91	1.75	.31	.92
2	1.93	-.11	1.11	1.78	-.58	.96	1.63	-.05	1.01	1.48	-.31	.53
3	1.65	-.19	.88	2.05	-.21	1.29	1.59	.48	1.09	1.15	-.60	.16
4	1.73	-.41	.88	1.98	.38	1.42	1.42	.36	.86	1.33	-.28	.54
5	1.89	-.21	.81	1.91	.54	1.37	1.00	.04	.55	1.87	-.48	.64
6	.93	-.75	.26	1.57	.37	.99	1.02	.09	.66	1.38	.13	.85
7	1.72	-.80	.62	1.14	-.07	.64	1.49	.32	.98	2.05	.31	1.26
8	1.70	.31	1.16	1.04	.02	.51	2.03	.29	1.26	2.12	.56	1.67
9	2.01	.56	1.36	1.52	.19	.92	1.82	.02	.97	3.68	1.13	2.34
10	2.19	1.40	1.72	1.78	.06	1.00	1.59	-.08	.81	2.47	.44	1.60
11	1.83	.78	1.43	1.36	-.26	.75	1.41	-.03	.87	1.84	.50	1.40
12	1.63	.20	1.04	1.63	-.33	.63	1.31	-.11	.72	2.03	.75	1.58
13	1.61	.27	1.04	1.31	-.43	.41	1.46	-.11	.98	1.77	.72	1.33
14	2.17	.31	1.42	.96	-.95	.25	1.81	.31	1.26	1.61	.68	1.19
15	1.85	.31	1.21	1.07	-.73	.28	1.73	.22	1.10	1.51	.44	.89
16	2.50	.36	1.73	1.20	-.56	.48	.99	-.01	.60	1.61	.13	.79
17	2.34	.80	1.80	1.32	-.62	.53	1.08	-.16	.61	1.86	.42	1.07
18	2.07	.43	1.37	1.22	-.32	.51	1.14	.08	.64	2.16	.77	1.45
19	1.96	.26	1.30	.88	-.48	.29	1.04	.00	.52	2.23	.77	1.63
20	2.16	.22	1.28	.72	-.77	.25	.91	-.12	.50	2.12	.34	1.30
21	1.93	.39	1.19	.80	-.34	.36	1.11	-.06	.63	1.99	.32	1.23
22	1.38	.07	.68	.98	-.02	.52	1.32	.03	.85	2.47	.52	1.61
23	1.08	-.21	.51	1.75	.26	.86	1.79	.08	1.11	2.48	.46	1.62
24	1.25	.25	.65	.84	-.05	.30	1.75	-.07	.95	2.28	.05	1.30
25	1.51	.45	.84	1.10	-.17	.59	1.81	-.17	.94	1.82	-1.59	.31
26	1.65	.27	.92	1.42	-.15	.70	1.77	-.11	.98	1.04	-1.59	-.07
27	1.53	-.02	.91	1.71	-.10	.97	1.74	-.10	1.06	1.07	-.17	.51
28	1.56	-.09	.89	1.57	-.27	.89	1.70	-.10	1.01	1.15	.10	.62
29	1.78	-.55	.79	1.76	-.22	1.00	1.39	-.05	.79	1.64	.33	.86
30	1.55	-.55	.71	1.85	-.24	.90	.90	-.29	.36	1.80	.28	1.04
31	---	---	---	1.80	-.28	.93	1.79	-.01	.88	---	---	---
MONTH	2.50	-.80	1.06	2.05	-.95	.72	2.03	-.29	.85	3.68	-1.59	1.07

07387040 VERMILION BAY NEAR CYPRE MORT POINT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1997 to current year.

WATER TEMPERATURES: April 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 33,500 microsiemens, July 22, 26, 2000; minimum, 283 microsiemens, Mar. 17, 1998.

WATER TEMPERATURES: Maximum, 33.2°C, July 6, 1998; minimum, 6.0°C, Jan. 5, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 33,500 microsiemens, July 22, 26; minimum, 2,620 microsiemens, May 20.

WATER TEMPERATURE: Maximum, 33.0°C, July 22; minimum, 6.9°C, Jan. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21400	20900	21100	18500	18200	18300	20200	19900	20000	17100	15700	16700
2	21200	20700	20900	18200	16100	18000	20200	14900	19100	17200	15300	16600
3	20800	20600	20700	17500	16800	17200	19500	13700	17900	17300	13800	16000
4	20700	19800	20500	17700	16800	17200	19400	15200	18100	16900	11400	15600
5	20700	20300	20400	18100	17500	17900	19200	18000	18400	17600	16300	17000
6	20500	19700	20400	18500	17400	17900	18900	18200	18600	17100	16200	17000
7	20400	18600	19900	18900	18300	18600	19400	16000	18300	17000	14000	16600
8	20300	16800	18900	19700	18900	19300	19800	17000	19200	16800	12500	16200
9	19300	17400	18600	20300	18800	19900	20200	17700	19500	15400	10900	14200
10	19000	18300	18700	21000	19100	20500	19900	17500	19500	15500	13200	14800
11	19400	18500	19100	21200	20600	21000	19800	15400	19000	16400	15100	15900
12	19600	18400	19100	21300	20000	21100	19500	14200	18000	16500	15100	16200
13	19900	19200	19600	21300	20000	21100	19300	18200	18600	16700	15100	16400
14	20100	19200	19900	21200	19800	21100	19300	14300	18000	16500	14400	16000
15	19900	16800	19500	21200	20900	21000	18500	13000	17500	16400	13200	15700
16	19900	18600	19700	21000	20600	20800	18800	17000	18100	16500	13100	15900
17	19800	19600	19700	20700	20400	20600	19200	16300	18600	16400	13300	15700
18	19600	19400	19500	20600	20400	20500	19000	15800	18300	16000	12000	15100
19	19500	19400	19400	20500	20000	20300	18800	17700	18200	15300	15100	15200
20	19400	18300	19000	20200	19800	20000	18500	17500	18200	15600	15200	15400
21	19100	17100	18000	19900	19700	19800	18000	16600	17500	15400	15200	15300
22	17400	16900	17000	20000	19500	19800	17400	14900	16300	15200	14400	14800
23	17500	16900	17100	20000	19200	19800	17400	14300	15000	14700	13300	14100
24	17300	16900	17100	20000	19400	19600	14400	12800	13400	14400	13700	14200
25	17400	17000	17200	20100	19200	19600	13600	13100	13300	14400	13800	14000
26	17400	17300	17300	19700	19200	19400	13600	13100	13400	14000	13700	13800
27	17400	17100	17200	20600	19400	19900	13900	13100	13500	14000	9540	13000
28	17300	17100	17200	20500	19800	20300	13800	13100	13500	13700	10100	13000
29	18000	17200	17500	20500	19800	20100	17500	13600	15300	13700	13300	13500
30	18800	17700	18300	20000	19800	19900	17800	14900	17100	13600	12300	12900
31	18600	16800	17800	---	---	---	17500	16000	17000	13900	12000	12800
MONTH	21400	16800	18900	21300	16100	19700	20200	12800	17300	17600	9540	15100

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	15400	12800	13900	13100	10700	12100	10800	6110	9440	11100	8540	10200
2	15400	14100	14700	12900	10900	12400	10300	5670	9110	10300	7560	9030
3	15200	14500	14800	13300	8200	12100	10100	3330	8120	8950	5420	7910
4	15400	14800	15100	13400	12700	13100	10900	8700	9800	8490	4750	7080
5	15200	14600	14900	13300	11900	13100	11900	8450	11000	8030	4490	6840
6	15300	14900	15000	13300	10600	12700	12100	9990	11500	7900	3990	6050
7	15000	14800	14900	13200	9720	11900	11700	8840	11300	7280	4330	5970
8	14800	14700	14800	12900	9540	11600	11800	11100	11500	8770	4750	7300
9	14800	14700	14700	13100	9160	11900	11800	11400	11600	9090	4030	7720
10	14800	14500	14700	12400	10300	11900	11500	7750	10100	9030	7570	8700
11	14900	14700	14800	12300	11900	12100	10400	8090	9950	8750	3360	6750
12	15200	14400	15000	12600	11300	12300	10400	6320	9470	7320	2960	5500
13	15200	11300	13900	13000	12300	12700	10900	9830	10300	7160	2840	6370
14	14900	12200	13900	13000	7360	11600	10900	10500	10600	8350	7160	7790
15	14900	12600	14500	12900	4700	9730	10900	10600	10800	9670	7870	8860
16	14800	12100	14400	11100	6150	10300	10900	8810	10500	10400	9540	10000
17	14600	13400	14400	10700	9710	10100	11000	10600	10800	10400	7060	9220
18	14200	10400	13400	11200	9260	10500	10800	10600	10800	9380	5320	7390
19	14100	13700	13800	12400	10800	11500	10600	9110	10300	9340	5420	7990
20	14200	13900	14100	13200	12100	12600	10400	8170	9840	8560	2620	6060
21	14100	14000	14000	13200	9470	11600	10100	8290	9080	8300	6410	7250
22	14100	11500	13200	12800	8270	11800	9690	9050	9390	8240	6730	7270
23	13800	10000	12500	12300	9020	11400	9120	4170	7630	9030	7170	8430
24	13100	9050	11300	12200	7220	10100	9020	6560	7590	9280	8460	8840
25	11900	7700	9820	11700	7780	9720	8200	7620	8110	9350	8320	9090
26	11800	7640	10600	11000	9910	10600	8760	8100	8570	8470	5220	6660
27	13200	11100	11900	11100	10400	10800	9640	8760	9330	6520	2890	5320
28	13400	9600	12000	11000	8740	10400	11500	9280	9720	7840	5980	6860
29	13100	8600	11500	10900	6130	9710	11700	10300	10900	9120	7750	8390
30	---	---	---	11200	6870	10500	11000	10000	10700	9400	8080	8820
31	---	---	---	11200	10500	10900	---	---	---	9400	7810	8980
MONTH	15400	7640	13700	13400	4700	11400	12100	3330	9930	11100	2620	7700
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	9470	5300	7810	13200	11200	11900	26000	25000	25500	27200	25000	26700
2	8930	6720	8260	17000	13200	14700	26100	24400	25200	27900	25300	26700
3	8840	8420	8640	18600	15600	17200	26600	23700	25700	26300	25500	25800
4	8870	8370	8670	18500	14600	17200	28200	24800	26700	28000	24900	25700
5	8870	8480	8680	18300	11900	16700	28100	27600	27900	28600	25500	27400
6	8920	8410	8740	17100	12500	14900	28900	27800	28200	28500	27400	28000
7	9200	8620	9010	14600	14100	14300	29700	28000	28900	31600	24600	27600
8	9420	8020	9120	14600	13700	14200	28000	22500	26400	31900	28300	30600
9	9440	6030	8230	15000	11800	14100	27600	24500	26700	32400	26400	30200
10	8270	4120	6220	14900	13100	14500	27300	26000	27000	31100	26700	29200
11	8870	3230	6920	15000	14400	14700	26500	25600	26000	30300	26100	29300
12	8630	5890	7830	14800	13900	14600	25900	24700	25400	29800	25300	28300
13	8620	7370	8160	14800	13900	14300	26300	24000	25100	29300	25100	27800
14	8620	4810	7470	16500	14800	15900	26100	22100	24900	29100	26200	28400
15	8610	7410	8300	20500	15500	18600	26100	22300	24900	28900	27500	28400
16	8770	5400	7490	21000	19200	20300	25500	25000	25300	28500	26100	27900
17	8330	5240	7450	21900	19500	21100	25900	24400	25400	28900	27000	28400
18	7990	6340	7590	22900	18600	20700	25700	25000	25500	28400	25300	27500
19	7740	5140	7000	26000	18400	21200	25700	24900	25500	27600	24800	26500
20	8170	5920	7500	27500	19700	24400	26400	24800	25200	26900	24000	26100
21	8590	6060	7890	30300	24700	26600	26700	24500	25900	26200	22800	25600
22	8810	7990	8530	33500	24900	30100	28000	26600	27200	25800	21700	24300
23	8930	8310	8720	31900	27900	29500	27900	23600	26600	25000	19600	22800
24	8920	8470	8780	33400	26100	29200	28700	25400	27800	24700	22800	24200
25	8920	8640	8850	33200	25700	30400	28600	24900	27900	24600	23800	24300
26	8980	8840	8920	33500	26900	30800	28600	26500	28200	24000	23200	23600
27	8930	8680	8840	33000	28600	31100	28200	27700	28000	23800	23500	23700
28	8960	8570	8850	30500	28200	29700	27700	27100	27400	23900	23400	23700
29	8930	8760	8870	29000	28400	28800	27100	26600	26800	23800	23400	23600
30	12700	8880	11300	28400	27400	27800	27000	26400	26600	23400	22800	22900
31	---	---	---	27400	25900	26800	27100	26400	26800	---	---	---
MONTH	12700	3230	8290	33500	11200	21200	29700	22100	26500	32400	19600	26500

MISSISSIPPI RIVER DELTA

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.1	21.7	22.5	21.1	20.0	20.6	14.8	13.8	14.4	15.6	13.3	14.2
2	23.7	22.1	22.8	20.0	16.3	18.9	15.9	14.4	15.1	16.5	14.2	15.2
3	24.4	22.9	23.5	16.4	14.9	15.8	16.9	15.6	16.2	17.7	15.4	16.5
4	25.1	24.0	24.6	16.7	15.5	16.2	17.8	16.5	17.0	17.2	13.3	15.3
5	24.8	23.0	23.8	18.9	16.3	17.4	17.6	16.2	17.1	13.3	11.6	12.4
6	23.0	21.3	22.2	19.5	17.3	18.3	16.2	14.3	15.1	12.6	11.6	12.1
7	24.0	22.2	22.8	19.8	17.7	18.6	15.1	13.9	14.5	13.9	12.0	12.8
8	25.1	23.3	24.1	20.2	18.4	19.2	15.3	14.3	14.9	14.0	12.8	13.4
9	24.8	24.3	24.5	21.0	19.0	19.9	16.4	14.9	15.6	14.8	13.9	14.3
10	25.8	24.5	25.0	21.5	19.7	20.5	15.9	14.7	15.3	15.3	14.5	15.0
11	26.1	24.7	25.3	21.7	20.4	21.1	15.4	14.7	15.2	15.9	14.8	15.3
12	26.3	25.2	25.7	21.5	20.3	20.9	16.8	15.3	15.9	17.3	15.4	16.1
13	27.1	25.3	26.1	21.2	20.0	20.7	16.4	14.9	15.7	17.3	16.4	16.8
14	27.2	26.1	26.7	21.8	20.4	21.1	15.3	14.3	14.8	16.6	14.2	15.1
15	27.3	26.4	26.9	21.4	20.2	20.9	15.1	12.8	14.2	14.7	13.7	14.2
16	27.3	26.3	26.8	20.2	18.8	19.6	12.9	11.7	12.4	16.4	14.4	15.1
17	27.4	26.3	26.8	19.4	18.3	18.9	13.3	12.2	12.7	17.2	15.3	16.2
18	26.5	24.0	24.8	19.3	18.2	18.7	13.3	12.7	13.0	17.5	16.2	16.9
19	24.0	21.0	22.8	19.9	18.5	19.2	13.8	12.4	13.2	18.7	17.1	17.9
20	21.1	18.8	19.5	20.3	19.2	19.7	13.2	12.3	12.7	18.5	15.7	17.5
21	19.4	18.1	18.9	20.7	19.6	20.1	12.3	10.2	11.5	15.7	14.2	14.7
22	20.2	18.4	19.2	21.5	20.0	20.7	11.1	9.3	10.4	15.3	13.8	14.6
23	19.8	19.0	19.4	21.9	20.7	21.3	11.1	9.6	10.4	16.3	15.1	15.6
24	19.0	17.8	18.4	21.5	19.5	20.5	11.8	9.8	10.7	15.7	11.6	13.7
25	18.5	17.3	18.0	19.5	16.3	18.0	11.3	10.3	10.8	11.8	8.0	11.1
26	19.1	17.5	18.3	16.4	14.3	15.5	11.6	10.1	10.8	11.2	10.2	10.7
27	20.0	18.3	19.2	16.6	15.5	16.0	12.2	10.8	11.3	10.7	9.0	9.6
28	20.5	19.1	19.8	16.8	15.6	16.1	12.0	10.8	11.4	9.7	8.3	9.3
29	20.7	19.7	20.2	17.1	15.9	16.5	12.1	11.0	11.4	8.4	7.4	7.9
30	21.3	20.4	20.8	16.2	14.3	15.0	13.3	11.1	12.1	8.6	6.9	7.9
31	21.5	20.8	21.1	---	---	---	14.4	12.2	13.2	10.1	7.8	8.9
MONTH	27.4	17.3	22.6	21.9	14.3	18.9	17.8	9.3	13.5	18.7	6.9	13.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.9	8.7	9.3	21.5	19.6	20.4	23.0	22.4	22.7	25.0	23.5	24.1
2	10.6	9.1	9.8	22.6	20.7	21.6	23.7	22.7	23.1	24.7	23.6	24.0
3	11.7	10.1	10.9	22.6	21.3	22.0	23.2	21.7	22.7	24.2	23.8	24.0
4	12.2	10.9	11.5	21.8	18.8	20.2	21.7	18.5	19.7	25.4	23.3	24.1
5	11.9	10.3	11.3	19.9	18.5	19.3	20.3	18.3	19.3	26.0	24.2	25.0
6	12.0	10.4	11.4	21.0	18.9	19.9	20.4	18.9	19.5	26.6	24.7	25.5
7	12.7	11.3	12.0	21.6	19.7	20.6	21.3	19.6	20.4	27.2	25.2	25.9
8	13.3	11.8	12.6	22.2	20.4	21.2	20.9	18.9	20.3	26.4	25.2	25.8
9	14.3	12.4	13.4	22.9	21.1	21.9	18.9	15.3	17.2	27.5	25.3	26.0
10	15.4	13.5	14.5	23.8	22.4	23.0	18.2	17.0	17.5	28.3	26.0	26.9
11	16.3	14.9	15.4	23.1	20.0	22.1	19.8	17.9	18.8	28.3	26.6	27.4
12	18.2	15.6	16.6	20.0	15.7	18.1	20.7	19.3	19.9	28.2	27.0	27.6
13	18.6	16.7	17.6	19.3	17.5	18.3	20.1	19.4	19.7	28.3	27.0	27.6
14	19.5	17.8	18.4	18.4	17.9	18.2	20.1	18.8	19.4	27.4	25.7	26.5
15	19.9	18.1	18.9	18.5	18.1	18.3	21.5	19.1	20.0	26.7	24.6	25.4
16	21.0	19.0	20.0	20.9	18.3	19.5	22.5	19.9	20.9	27.2	25.1	25.9
17	21.4	19.8	20.6	21.6	19.4	20.5	23.8	21.3	22.3	27.1	25.2	26.1
18	22.0	20.6	21.4	21.2	20.5	20.8	25.0	22.6	23.7	27.0	25.7	26.3
19	21.6	19.0	20.7	20.7	18.5	19.7	26.0	23.5	24.5	28.1	26.0	26.7
20	19.0	16.9	18.0	19.8	17.7	18.6	25.3	24.1	24.7	27.1	26.4	26.9
21	18.7	17.4	18.0	19.5	17.8	18.5	25.0	23.5	24.3	27.6	26.1	26.7
22	18.9	17.1	18.0	21.1	18.9	19.8	24.0	22.5	23.2	28.7	26.8	27.7
23	19.6	17.8	18.6	21.9	19.9	20.6	23.2	22.4	22.9	29.0	27.4	28.1
24	20.8	18.8	19.8	22.9	20.8	21.6	24.2	22.9	23.4	29.2	27.7	28.3
25	21.7	20.1	20.7	23.2	21.3	22.2	23.9	22.7	23.4	29.6	27.8	28.5
26	21.8	20.6	21.0	23.7	22.2	22.9	24.7	22.9	23.7	29.2	28.0	28.7
27	20.8	19.5	20.2	24.1	22.2	23.1	25.4	23.2	24.2	29.3	28.0	28.6
28	19.9	18.2	19.2	24.0	22.3	23.1	25.7	23.4	24.3	29.9	28.3	29.0
29	19.7	18.7	19.3	24.1	22.9	23.5	25.0	23.6	24.3	30.7	28.6	29.3
30	---	---	---	25.2	23.5	24.2	24.7	23.8	24.2	30.7	28.7	29.5
31	---	---	---	24.2	22.1	22.9	---	---	---	30.5	28.4	29.1
MONTH	22.0	8.7	16.5	25.2	15.7	20.9	26.0	15.3	21.8	30.7	23.3	26.8

07387040 VERMILION BAY NEAR CYPREMORT POINT, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	29.4	28.2	28.8	29.4	28.7	29.1	29.2	28.6	28.8	31.8	30.3	31.1
2	30.4	28.0	28.9	29.3	28.7	29.1	29.9	28.1	28.9	32.1	30.4	31.1
3	31.3	29.5	30.1	30.0	28.4	29.0	29.4	28.4	28.8	32.1	30.4	31.1
4	30.4	29.2	29.7	30.1	28.3	29.1	29.9	28.1	29.0	32.6	30.8	31.5
5	29.5	28.2	28.9	30.4	28.9	29.5	31.4	29.1	30.1	32.1	30.4	31.3
6	28.2	27.3	27.7	30.9	29.0	29.9	31.7	30.0	30.6	30.4	28.9	29.5
7	27.3	25.4	26.3	32.5	29.4	30.6	31.6	30.0	30.7	28.9	27.5	28.3
8	27.6	25.9	26.6	31.9	29.9	30.8	31.8	30.5	31.1	28.1	26.9	27.5
9	28.5	26.8	27.6	32.3	30.2	31.1	31.4	30.1	30.7	26.9	26.3	26.5
10	29.0	27.6	28.2	31.3	30.4	30.9	32.0	29.8	30.7	27.0	25.9	26.4
11	29.2	27.7	28.5	31.8	29.8	30.7	30.4	28.8	29.7	28.5	26.2	27.1
12	30.3	28.1	29.0	31.8	29.9	30.8	31.4	29.8	30.5	28.0	27.3	27.6
13	31.6	28.2	29.3	32.0	29.8	30.7	31.6	29.4	30.3	29.2	27.3	28.1
14	29.9	28.3	29.1	31.3	30.2	30.8	30.4	29.8	30.1	30.2	27.7	28.8
15	29.7	28.5	29.0	32.4	30.2	30.8	31.6	29.2	30.3	30.4	29.2	29.8
16	28.7	27.9	28.2	31.8	29.8	30.6	32.1	30.7	31.2	29.4	27.0	27.8
17	28.0	27.2	27.7	31.5	29.8	30.6	32.2	30.5	31.2	27.3	25.2	26.0
18	29.3	27.6	28.2	31.5	29.7	30.7	32.1	30.6	31.3	26.6	24.9	25.9
19	30.4	28.6	29.2	31.7	30.1	30.7	32.2	30.5	31.2	27.4	25.5	26.4
20	30.1	28.8	29.5	32.0	30.3	30.9	32.1	30.4	31.1	27.9	26.7	27.3
21	30.5	28.9	29.7	31.9	30.2	30.8	31.5	30.6	31.0	27.7	27.0	27.4
22	31.1	29.2	30.0	33.0	30.1	30.9	31.2	29.8	30.7	27.8	26.7	27.2
23	31.3	29.3	30.2	31.0	28.8	29.6	30.0	29.0	29.6	29.3	27.6	28.4
24	31.3	29.8	30.5	29.8	27.9	28.9	29.7	28.6	29.1	30.0	28.3	29.1
25	31.8	29.9	30.7	31.6	28.3	29.3	29.9	28.9	29.3	29.6	25.6	28.3
26	31.8	30.5	31.0	30.4	28.6	29.3	30.6	28.8	29.6	25.6	21.9	22.7
27	31.1	30.2	30.6	30.2	28.8	29.4	31.6	29.2	30.3	23.2	21.2	22.3
28	30.5	29.7	30.1	30.8	28.7	29.7	31.6	29.9	30.6	23.2	21.5	22.4
29	30.0	29.0	29.6	30.8	29.3	30.1	31.2	29.8	30.5	23.1	21.7	22.6
30	29.8	28.9	29.4	30.7	29.4	30.0	31.8	30.2	31.0	24.0	22.0	23.0
31	---	---	---	30.2	29.1	29.6	32.4	30.7	31.4	---	---	---
MONTH	31.8	25.4	29.1	33.0	27.9	30.1	32.4	28.1	30.3	32.6	21.2	27.4

MISSISSIPPI RIVER DELTA

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 heights only).

GAGE.--Water-stage recorder with electromagnetic flowmeter. Datum of gage is 2.12 ft below sea level (by levels from U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 17.76 ft, Apr. 4, 1997; minimum recorded, 2.45 ft, Sept. 18, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 11.07 ft, Apr. 20; minimum gage height recorded, 2.64 ft, Nov. 3.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.94	3.41	4.48	3.71	8.17	9.29	8.01	---	---	---	4.68
2	---	3.30	3.81	4.25	3.62	8.70	9.45	8.04	---	---	---	4.69
3	---	3.19	4.44	4.25	3.67	9.11	9.67	8.09	---	---	---	4.49
4	---	3.71	4.37	4.24	3.68	9.42	10.04	8.17	---	---	---	4.50
5	---	3.62	4.22	3.27	3.41	9.52	10.21	8.21	---	---	---	4.77
6	---	3.71	3.66	3.56	3.36	9.64	10.24	8.33	---	---	---	4.57
7	---	3.67	4.00	3.69	3.41	9.85	10.19	8.35	---	---	---	4.60
8	---	3.72	4.31	3.60	3.40	9.97	10.12	8.41	---	---	---	4.88
9	---	3.80	4.45	4.02	3.34	9.87	9.99	8.54	---	---	---	5.39
10	---	4.03	4.44	4.03	3.39	9.68	9.93	8.63	---	---	---	4.95
11	---	4.13	4.34	3.95	3.49	9.52	9.86	8.60	---	---	---	4.57
12	---	3.93	4.58	4.41	3.54	9.48	9.87	8.56	---	---	---	4.50
13	---	4.04	4.64	5.14	3.76	9.38	10.00	8.49	---	---	---	4.39
14	---	4.30	3.87	5.38	3.85	9.16	10.19	8.23	---	---	---	4.26
15	---	3.96	4.14	5.56	3.61	8.93	10.37	7.68	---	---	4.99	4.09
16	---	3.73	3.87	5.67	3.78	8.61	10.51	7.42	---	---	4.82	3.83
17	---	4.06	4.60	5.54	3.81	8.11	10.78	7.45	---	---	4.71	3.94
18	---	4.10	5.35	5.62	4.05	7.62	10.92	7.57	---	---	4.86	4.17
19	---	3.96	5.57	5.53	3.80	7.19	11.00	---	---	---	4.94	4.43
20	3.67	4.01	5.51	5.24	3.15	6.91	11.05	---	---	---	5.10	4.33
21	3.55	3.88	5.61	4.78	3.37	6.90	11.03	---	---	---	5.01	4.21
22	3.93	4.10	5.76	5.04	3.77	7.01	10.90	---	---	---	5.16	4.53
23	3.98	4.13	5.74	5.01	4.33	7.27	10.75	---	---	---	5.17	4.74
24	3.64	3.93	5.80	4.55	4.76	7.52	10.64	---	---	---	5.01	4.62
25	3.74	3.74	5.78	4.02	5.58	7.61	10.35	---	---	---	4.88	4.21
26	3.78	3.49	5.68	3.90	6.37	7.66	10.00	---	---	---	4.64	3.67
27	3.71	3.72	5.46	3.74	6.92	7.77	9.47	---	---	---	4.64	3.72
28	3.64	3.75	5.37	3.84	7.17	7.98	8.89	---	---	---	4.52	3.68
29	3.88	3.61	5.16	3.48	7.57	8.38	8.34	---	---	---	4.36	3.83
30	4.00	3.12	4.98	3.37	---	8.71	8.08	---	---	---	4.14	4.00
31	4.42	---	4.73	3.53	---	9.01	---	---	---	---	4.42	---
MAX	---	4.30	5.80	5.67	7.57	9.97	11.05	---	---	---	---	5.39
MIN	---	3.12	3.41	3.27	3.15	6.90	8.08	---	---	---	---	3.67

MERMENTAU RIVER BASIN

401

08010000 BAYOU DES CANNES NEAR EUNICE, LA

LOCATION.--Lat 30°29'00", long 92°29'25", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ 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.

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WSP 1242: 1950(P).

GAGE.--Water-stage recorder. Datum of gage is 14.84 ft above sea level (Corps of Engineers levels). Prior to Mar. 23, 1989, nonrecording gage read twice daily. Prior to Dec. 12, 1987, water-stage recorder at same site and datum. Prior to Jan. 17, 1940, nonrecording gage at same site and datum. Water-stage recorder for Bayou des Cannes at State Highway 755, near Eunice (Station No. 08010010) used as auxiliary gage for this station from November 1950 to September 1984. See WSP 1732 for history of changes prior to Jan. 13, 1958.

REMARKS.--Records fair, except during periods of estimated daily discharge, which are poor. Small diversion above station. Several measurements of water temperature were made during the year.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	.54	.36	4.8	1.0	2.4	52	2.2	.00	530	86	e.38
2	10	.53	.34	3.9	.95	1.4	69	2.2	.00	662	51	e.31
3	6.0	.49	.43	7.7	.82	1.0	1160	926	.00	427	24	e.38
4	4.2	.44	.59	16	.77	2.6	2300	2960	.00	266	15	e.33
5	3.3	.44	3.7	14	.73	1.6	1770	3460	.00	145	18	e.15
6	6.3	.41	4.2	8.1	.66	1.1	646	2810	.00	150	15	e.04
7	6.1	.38	7.0	5.4	.66	.87	51	1260	.00	138	9.6	e.03
8	15	.37	3.2	4.1	.64	1.1	e44	342	.00	129	2.8	e.15
9	150	.37	1.9	3.8	.56	4.3	e37	123	.00	81	2.3	e.50
10	57	.37	2.6	3.8	.50	.86	e31	77	.00	60	2.0	e1.5
11	12	.34	1.7	3.4	.43	14	e50	75	.00	116	1.8	4.0
12	37	.31	1.4	2.7	.41	19	e89	28	.00	120	1.7	e3.2
13	13	.31	3.8	2.1	.40	7.3	e160	29	.00	130	2.1	e2.5
14	4.3	.31	12	1.8	.43	8.6	e102	15	35	118	1.7	e1.6
15	3.5	.28	6.1	1.5	.52	91	e63	4.0	5.4	68	1.6	e1.1
16	3.8	.28	3.4	1.5	.55	234	e50	3.9	149	45	1.5	e.74
17	1.9	.26	2.5	1.4	.56	165	e37	4.4	90	22	e2.8	e.90
18	1.1	.26	46	1.4	.62	106	e31	6.1	143	40	e2.1	e.52
19	.89	.26	189	1.4	.66	244	24	3.5	114	34	e1.4	e.28
20	2.0	.28	75	1.4	.63	208	24	9.2	306	29	e.90	e.16
21	1.2	.27	292	1.4	.56	165	45	130	133	39	e.80	e.14
22	2.1	.26	155	1.3	.53	109	12	36	102	30	e.71	e.13
23	1.6	.26	59	1.3	.56	87	4.7	14	67	10	e1.0	e.19
24	.87	.24	28	1.3	.60	114	45	10	56	61	e1.3	e.18
25	.60	.29	17	1.3	.64	86	112	3.8	25	68	e1.7	e.11
26	2.3	.32	12	1.2	.88	89	40	8.3	8.2	41	2.2	e.05
27	1.6	.38	9.5	1.2	1.9	97	14	7.1	65	24	2.5	e.00
28	1.0	.44	7.2	1.2	2.0	133	3.1	.00	52	14	1.4	e.00
29	.99	.44	6.4	1.2	2.7	88	2.1	.00	267	17	1.1	e.00
30	.68	.43	7.0	1.2	---	75	2.1	.00	341	28	e.60	e.00
31	.63	---	5.7	1.1	---	66	---	.00	---	71	e.34	---
TOTAL	373.96	10.56	964.02	103.9	22.87	2223.13	7070.0	12349.70	1958.60	3713	256.95	19.57
MEAN	12.1	.35	31.1	3.35	.79	71.7	236	398	65.3	120	8.29	.65
MAX	150	.54	292	16	2.7	244	2300	3460	341	662	86	4.0
MIN	.60	.24	.34	1.1	.40	.86	2.1	.00	.00	10	.34	.00
AC-FT	742	21	1910	206	45	4410	14020	24500	3880	7360	510	39
CFSM	.09	.00	.24	.03	.01	.55	1.80	3.04	.50	.91	.06	.00
IN.	.11	.00	.27	.03	.01	.63	2.01	3.51	.56	1.05	.07	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
MEAN	129	189	372	458	433	309	330	317	198	224	167	172
MAX	1119	856	1748	1562	1615	1167	1238	2362	894	1519	1456	961
(WY)	1986	1986	1972	1998	1959	1980	1967	1953	1942	1946	1940	1973
MIN	1.11	.35	29.1	3.35	.79	3.86	5.02	.42	.43	.81	8.29	.65
(WY)	1939	2000	1959	2000	2000	1955	1963	1943	1948	1944	2000	2000

MERMENTAU RIVER BASIN

08010000 BAYOU DES CANNES NEAR EUNICE, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1939 - 2000
ANNUAL TOTAL	56445.88	29066.26	
ANNUAL MEAN	155	79.4	274
HIGHEST ANNUAL MEAN			523 1983
LOWEST ANNUAL MEAN			79.4 2000
HIGHEST DAILY MEAN	4700 Jan 8	3460 May 5	11700 May 20 1953
LOWEST DAILY MEAN	.24 Nov 24	.00 May 28	.00 May 6 1939
ANNUAL SEVEN-DAY MINIMUM	.26 Nov 18	.00 May 28	.00 May 9 1939
INSTANTANEOUS PEAK FLOW		3490 May 5	11900 May 20 1953
INSTANTANEOUS PEAK STAGE		17.50 May 5	22.36 May 20 1953
INSTANTANEOUS LOW FLOW		a.00 many days	a.00 Oct 1 1939
INSTANTANEOUS LOW STAGE		a.00 many days	a.00 Oct 1 1939
ANNUAL RUNOFF (AC-FT)	112000	57650	198700
ANNUAL RUNOFF (CFSM)	1.18	.61	2.09
ANNUAL RUNOFF (INCHES)	16.03	8.25	28.45
10 PERCENT EXCEEDS	231	129	749
50 PERCENT EXCEEDS	17	2.8	45
90 PERCENT EXCEEDS	.50	.26	3.8

a No flow at times in 1939, 1948, 1955-56, 1964, 1971, 1975-77, 1999-2000.
e Estimated.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.01	.85	.81	1.21	.84	1.02	2.93	.97	---	9.54	3.79	---
2	1.49	.85	.80	1.13	.83	.92	3.35	.96	---	10.69	2.88	---
3	1.26	.84	.83	1.35	.82	.86	12.78	9.88	---	8.59	1.93	---
4	1.13	.83	.86	1.80	.81	1.03	16.25	16.98	---	6.79	1.55	---
5	1.06	.83	1.20	1.73	.80	.94	15.19	17.47	---	4.96	1.68	---
6	1.27	.82	1.24	1.43	.79	.87	10.37	16.81	---	5.06	1.53	---
7	1.26	.81	1.42	1.26	.79	.84	2.67	13.63	---	4.84	1.25	---
8	1.54	.81	1.15	1.15	.79	.85	---	7.52	---	4.68	.78	---
9	4.92	.81	1.03	1.13	.78	1.18	---	4.53	---	3.68	.73	---
10	3.04	.81	1.10	1.13	.76	.83	---	3.57	---	3.13	.71	---
11	1.67	.80	1.02	1.09	.75	1.71	---	3.51	---	4.43	.68	1.05
12	2.52	.79	.97	1.01	.74	1.93	---	2.28	---	4.50	.68	---
13	1.68	.79	1.20	.96	.74	1.40	---	2.30	---	4.70	.72	---
14	1.25	.79	1.67	.92	.75	1.41	---	1.74	2.24	4.46	.68	---
15	1.18	.78	1.37	.89	.77	3.76	---	1.14	1.10	3.35	.67	---
16	1.21	.78	1.18	.89	.78	6.34	---	1.13	4.98	2.67	.66	---
17	1.04	.77	1.09	.88	.78	5.30	---	1.18	3.85	1.80	---	---
18	.94	.77	2.51	.88	.79	4.22	---	1.30	4.94	2.52	---	---
19	.91	.77	5.65	.88	.80	6.51	2.12	1.10	4.25	2.30	---	---
20	1.05	.78	3.50	.88	.79	5.96	2.15	1.46	7.27	2.08	---	---
21	.96	.77	7.06	.88	.78	5.32	2.74	4.62	4.74	2.47	---	---
22	1.05	.77	5.10	.88	.77	4.27	1.58	2.50	4.15	2.12	---	---
23	1.00	.77	3.11	.88	.78	3.81	1.20	1.74	3.33	1.26	---	---
24	.91	.76	2.27	.88	.79	4.38	2.28	1.54	3.04	3.05	---	---
25	.87	.78	1.85	.87	.80	3.78	4.30	1.13	2.14	3.36	---	---
26	1.06	.79	1.64	.86	.84	3.85	2.61	1.42	1.42	2.52	.79	---
27	1.01	.81	1.51	.86	.97	4.01	1.69	1.37	3.27	1.87	.83	---
28	.93	.83	1.38	.87	.98	4.75	1.06	---	2.93	1.44	.69	---
29	.93	.83	1.33	.87	1.05	3.83	.96	---	6.70	1.60	.66	---
30	.88	.83	1.37	.87	---	3.51	.95	---	7.72	1.97	---	---
31	.87	---	1.28	.86	---	3.29	---	---	---	3.42	---	---
MAX	4.92	.85	7.06	1.80	1.05	6.51	---	---	---	10.69	---	---
MIN	.87	.76	.80	.86	.74	.83	---	---	---	1.26	---	---

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1949, 1955-56, 1966-68, 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)
			WATER WHOLE FIELD (STANDARD UNITS) (00400)								
OCT 07...	1400	269	6.8	23.0	--	64	15.4	10	6.17	313	28.1
NOV 03...	1100	521	7.9	13.8	--	110	26.9	10	11.1	284	56.2
DEC 09...	1145	439	7.6	13.9	5.8	94	22.3	10	9.38	325	53.1
JAN 19...	0930	231	7.6	16.1	5.6	54	13.1	40	5.12	190	22.5
FEB 10...	1200	253	8.0	13.2	9.5	60	14.6	30	5.71	102	27.1
FEB 22...	1100	292	7.6	16.5	7.7	67	16.1	20	6.44	260	28.2
MAR 09...	1130	401	7.9	20.5	5.8	99	24.0	<10	9.61	294	40.9
MAR 22...	1245	348	7.5	18.3	8.4	79	19.0	20	7.58	64	35.9
APR 05...	1130	193	7.5	16.5	5.8	45	10.9	60	4.44	29	16.9
APR 18...	1130	414	6.9	20.9	5.3	100	24.4	110	10.1	134	37.7
MAY 10...	1100	255	7.3	26.4	5.1	71	16.9	30	6.96	154	23.1
JUN 21...	1215	272	7.7	27.5	5.4	67	15.7	40	6.73	140	28.7
JUN 27...	1000	330	7.9	27.4	--	84	19.7	20	8.43	144	34.6
JUL 19...	1200	399	7.5	31.1	6.4	100	23.7	20	10.4	119	39.8
AUG 23...	1415	383	7.8	29.1	5.9	--	--	--	--	--	--

[illegible]

MERMENTAU RIVER BASIN

08010000 BAYOU DES CANNES NEAR EUNICE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

[illegible]

08010000 BAYOU DES CANNES NEAR EUNICE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
OCT 07...	<.04	.34	<.07	E.05	<.07	<.06	<.06	<.08	<.08	<.07	<.08
NOV 03...	<.04	.26	<.07	E.03	<.07	<.06	<.06	<.08	<.08	<.07	<.08
DEC 09...	<.04	E2.03	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
JAN 19...	<.04	.31	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
FEB 10...	<.04	.25	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
22...	--	--	--	--	--	--	--	--	--	--	--
MAR 09...	<.04	.16	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
22...	--	--	--	--	--	--	--	--	--	--	--
APR 05...	E.03	.23	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
18...	--	--	--	--	--	--	--	--	--	--	--
MAY 10...	<.04	E.05	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
JUN 21...	<.04	E.02	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
27...	--	--	--	--	--	--	--	--	--	--	--
JUL 19...	<.04	E.04	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
AUG 23...	--	--	--	--	--	--	--	--	--	--	--
DATE	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)
OCT 07...	<.07	<.02	<.07	<.07	<.06	<.10	7.9	1.4	<.003	<.002	<.002
NOV 03...	<.07	<.02	<.07	<.07	<.06	<.10	9.8	1.7	<.003	<.002	<.002
DEC 09...	<.07	<.02	<.07	<.07	<.06	<.10	10	.7	<.003	<.002	<.002
JAN 19...	<.07	<.02	<.07	<.07	<.06	<.10	7.8	2.5	<.003	<.002	<.005
FEB 10...	<.07	<.02	<.07	<.07	<.06	E.06	7.4	3.0	<.003	<.002	<.002
22...	--	--	--	--	--	--	8.2	.4	<.003	<.002	<.002
MAR 09...	<.07	<.02	<.07	<.07	<.06	<.10	8.3	2.5	<.003	<.002	<.002
22...	--	--	--	--	--	--	11	>4.0	<.003	<.002	<.002
APR 05...	<.07	<.02	<.07	<.07	<.06	<.10	11	>4.0	<.003	<.002	<.002
18...	--	--	--	--	--	--	14	>4.0	<.003	<.002	<.002
MAY 10...	<.07	<.02	<.07	<.07	<.06	E.03	10	2.3	<.003	<.002	<.002
JUN 21...	<.07	<.02	<.07	<.07	<.06	.70	8.5	2.3	<.003	<.002	<.002
27...	--	--	--	--	--	--	8.3	1.9	<.003	<.002	<.002
JUL 19...	<.07	<.02	<.07	<.07	<.06	<.10	<.33	1.6	<.003	.022	<.002
AUG 23...	--	--	--	--	--	--	--	--	<.003	<.002	<.002

MERMENTAU RIVER BASIN

08010000 BAYOU DES CANNES NEAR EUNICE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)
OCT											
07...	<.002	.105	<.002	<.002	E.002	E.037	<.004	<.004	<.002	E.005	.020
NOV											
03...	<.002	.086	<.002	<.002	<.003	<.010	<.004	<.004	<.002	E.007	<.002
DEC											
09...	<.002	.373	<.002	<.002	<.003	E.022	<.004	<.004	<.002	E.020	<.002
JAN											
19...	<.002	.035	<.002	<.002	E.012	E.063	<.004	<.004	<.002	E.006	.008
FEB											
10...	<.002	.032	<.002	<.002	<.003	E.038	<.004	<.004	<.002	E.006	.005
22...	<.002	.029	<.002	<.002	<.003	E.023	<.004	<.004	<.002	E.005	.004
MAR											
09...	<.002	.021	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.004	<.002
22...	<.002	.106	<.002	<.002	E.029	E.049	.010	<.004	<.002	E.011	.064
APR											
05...	<.002	.106	<.002	<.002	E.049	E.027	.016	<.004	<.002	E.010	.036
18...	<.002	.079	<.002	<.002	<.009	<.003	.010	<.008	<.002	E.014	.007
MAY											
10...	<.002	.039	<.002	<.002	<.005	<.020	.013	<.004	<.002	E.010	.009
JUN											
21...	<.002	.044	<.002	<.002	E.008	E.086	<.006	<.004	<.002	E.018	.020
27...	<.002	.046	<.002	<.002	E.006	E.020	<.004	<.004	<.002	E.009	.007
JUL											
19...	<.002	1.17	<.002	<.002	<.003	<.010	<.004	.019	<.002	E.15	<.002
AUG											
23...	<.002	.013	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.006	<.005
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT											
07...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
NOV											
03...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DEC											
09...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JAN											
19...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
FEB											
10...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
22...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAR											
09...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
22...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	.009	<.001	<.006
APR											
05...	.006	<.017	.034	<.004	<.007	<.003	<.004	<.002	<.005	<.001	<.006
18...	<.001	<.017	.021	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAY											
10...	<.001	<.017	.033	<.004	<.006	<.003	<.004	<.002	<.005	<.010	<.006
JUN											
21...	<.001	<.017	E.003	<.004	<.006	<.003	<.004	<.002	.005	<.010	<.006
27...	<.001	<.017	.006	<.004	<.010	<.003	<.004	<.002	<.005	<.001	<.006
JUL											
19...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
AUG											
23...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006

08010000 BAYOU DES CANNES NEAR EUNICE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P, P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
OCT 07...	2.04	<.004	.008	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.006
NOV 03...	.306	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
DEC 09...	.261	<.004	.009	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.009
JAN 19...	.068	<.004	.006	<.003	<.006	<.004	<.004	<.004	<.005	<.002	.146
FEB 10...	.051	<.004	.005	<.003	<.006	<.004	<.004	<.004	<.005	<.002	.135
22...	.043	<.004	.006	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.092
MAR 09...	.017	<.004	.006	<.003	<.006	<.004	<.004	<.004	<.005	<.002	.060
22...	.037	<.010	.071	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.010
APR 05...	.033	<.004	1.73	<.003	<.006	<.004	<.004	<.004	<.005	<.002	.029
18...	.033	<.004	.442	<.003	<.006	<.004	<.004	<.004	<.005	<.002	.024
MAY 10...	.014	<.004	3.50	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.017
JUN 21...	.016	<.004	.880	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.013
27...	.022	<.004	1.28	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.015
JUL 19...	.142	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.011
AUG 23...	.013	<.004	.019	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.007
DATE	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT 07...	<.003	<.007	<.004	<.013	.008	.468	<.007	<.013	<.002	<.001	<.002
NOV 03...	<.003	<.007	<.004	<.013	<.005	1.00	<.007	<.013	<.002	<.001	<.002
DEC 09...	<.003	<.007	<.004	<.013	<.010	E1.25	<.007	<.013	<.002	<.001	<.002
JAN 19...	<.003	<.007	<.004	<.013	.005	E.487	<.007	<.013	<.002	<.001	<.002
FEB 10...	<.003	<.007	<.004	<.013	E.005	.544	<.007	<.013	<.002	<.001	<.002
22...	<.003	<.007	<.004	<.013	E.004	E.496	<.007	<.013	<.002	<.001	<.002
MAR 09...	<.003	<.007	<.004	<.013	<.005	.346	<.007	<.013	<.002	<.001	<.002
22...	<.003	<.007	<.010	<.013	<.005	.368	<.007	<.013	.340	<.001	<.002
APR 05...	<.003	<.007	.297	<.013	<.005	.286	<.007	<.013	.562	<.001	<.002
18...	<.003	<.007	.100	<.013	<.005	.146	<.007	<.013	.502	<.001	<.002
MAY 10...	<.003	<.007	<.004	<.013	<.005	.114	<.007	<.013	.031	<.001	<.002
JUN 21...	<.003	<.007	<.004	<.013	<.005	.172	<.007	<.013	.008	<.001	<.002
27...	<.003	<.007	<.004	<.013	<.005	E.142	<.007	<.013	.008	<.001	<.002
JUL 19...	<.006	<.007	<.004	<.013	.055	.015	<.007	<.013	<.002	<.001	<.002
AUG 23...	<.003	<.007	<.004	<.013	<.005	.114	<.007	<.013	<.006	<.001	<.002

E Estimated value.

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

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

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

MERMENTAU RIVER BASIN

08012000 BAYOU NEZPIQUE NEAR BASILE, LA

LOCATION.--Lat 30°28'50", long 92°37'55", in NE 1/4 NW 1/4 sec. 1, T. 7 S., R. 3 W., Evangeline Parish, Hydrologic Unit 08080201, near left bank on U.S. Highway 190, 1,300 ft downstream from Missouri Pacific Railroad bridge, and 2.0 mi west of Basile.

DRAINAGE AREA.--527 mi².

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

REVISED RECORDS.--WSP 1512: 1945-55.

GAGE.--Water-stage recorder. Datum of gage is 3.39 ft above sea level. Prior to July 1947, nonrecording gage at same site and datum. Water-stage recorder for Bayou Nezpique at Mamou pumping plant near Basile (station 08012020) used as auxiliary for this station since July 7, 1979 to Sep. 30, 1984. Mar. 27, 1945 to July 6, 1979, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good. Diversion for irrigation by Mamou pumping plant may affect stage-discharge relation. Several measurements of water temperature were made during the year.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	96	11	28	21	12	27	166	46	22	608	31	14
2	55	13	26	18	11	31	189	39	19	837	46	13
3	35	14	28	15	10	63	835	328	18	1170	44	14
4	23	13	30	15	9.7	63	1710	1420	17	1330	34	13
5	17	12	57	28	8.2	57	2200	2170	21	1270	44	10
6	12	12	146	48	6.8	54	2280	2670	57	957	48	9.0
7	9.6	11	140	83	5.9	39	2040	2780	121	647	36	8.5
8	22	11	91	61	4.8	35	1470	2540	117	460	27	7.4
9	234	10	60	43	4.1	46	792	2080	106	362	22	6.5
10	517	10	43	33	3.7	81	385	1390	89	272	19	7.1
11	510	11	32	26	3.4	98	205	714	70	228	18	9.3
12	420	12	25	20	3.1	174	153	349	59	244	18	24
13	244	14	21	17	3.0	203	170	205	57	230	15	161
14	123	16	27	13	3.0	160	215	146	55	211	12	227
15	70	17	42	11	3.2	165	189	98	46	191	10	192
16	40	17	40	11	3.8	301	163	68	40	147	18	111
17	26	18	35	9.8	4.1	365	154	60	47	127	52	85
18	21	19	50	8.1	4.8	310	145	59	78	109	32	83
19	16	20	262	6.9	5.3	258	121	67	155	112	18	53
20	11	21	352	6.3	5.8	262	99	104	228	97	12	31
21	7.0	20	492	5.4	9.5	264	76	337	226	79	10	20
22	5.9	20	710	5.5	11	260	56	264	179	61	9.8	18
23	9.9	21	562	5.6	12	215	50	178	150	48	13	17
24	14	22	347	4.8	13	205	45	130	114	43	21	18
25	16	25	209	4.6	14	247	54	120	118	48	21	16
26	15	29	132	4.5	13	283	134	85	115	53	18	11
27	12	33	86	5.1	12	216	122	63	115	54	20	7.3
28	11	35	60	7.2	16	203	89	52	198	49	20	5.2
29	9.6	34	45	9.1	24	255	68	41	212	39	17	4.1
30	9.0	31	34	12	---	228	51	30	354	35	15	3.5
31	10	---	26	13	---	196	---	24	---	32	14	---
TOTAL	2621.0	552	4238	570.9	240.2	5364	14426	18657	3203	10150	734.8	1198.9
MEAN	84.5	18.4	137	18.4	8.28	173	481	602	107	327	23.7	40.0
MAX	517	35	710	83	24	365	2280	2780	354	1330	52	227
MIN	5.9	10	21	4.5	3.0	27	45	24	17	32	9.8	3.5
AC-FT	5200	1090	8410	1130	476	10640	28610	37010	6350	20130	1460	2380
CFSM	.16	.03	.26	.03	.02	.33	.91	1.14	.20	.62	.04	.08
IN.	.19	.04	.30	.04	.02	.38	1.02	1.32	.23	.72	.05	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

	314	512	1113	1479	1487	1149	1077	1038	521	530	403	411
MEAN	314	512	1113	1479	1487	1149	1077	1038	521	530	403	411
MAX	2819	4751	4259	5850	6528	3301	5598	9202	2459	4695	5169	3109
(WY)	1986	1986	1972	1998	1955	1980	1995	1953	1940	1989	1940	1979
MIN	3.81	10.3	46.4	18.4	8.28	124	12.9	7.05	.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 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1939 - 2000
ANNUAL TOTAL	201445.6	61955.8	
ANNUAL MEAN	552	169	834
HIGHEST ANNUAL MEAN			1639 1973
LOWEST ANNUAL MEAN			169 2000
HIGHEST DAILY MEAN	6850 Jan 9	2780 May 7	35100 May 20 1953
LOWEST DAILY MEAN	1.9 Sep 23	3.0 Feb 13	a.10 Jun 7 1943
ANNUAL SEVEN-DAY MINIMUM	2.2 Sep 19	3.3 Feb 10	.10 Jun 22 1948
INSTANTANEOUS PEAK FLOW		2810 May 7	35800 May 20 1953
INSTANTANEOUS PEAK STAGE		19.02 May 7	34.39 May 20 1953
INSTANTANEOUS LOW FLOW		b2.9 Feb 13	.10 Jun 29 1948
INSTANTANEOUS LOW STAGE		b1.36 Feb 13	1.00 Jun 28 1948
ANNUAL RUNOFF (AC-FT)	399600	122900	603900
ANNUAL RUNOFF (CFSM)	1.05	.32	1.58
ANNUAL RUNOFF (INCHES)	14.22	4.37	21.49
10 PERCENT EXCEEDS	1510	340	2560
50 PERCENT EXCEEDS	130	40	164
90 PERCENT EXCEEDS	10	8.4	12

a Also occurred June 8-31, 1943; June 22-29, 1948.

b Also occurred Feb. 14.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.00	2.09	2.63	2.40	1.96	2.36	5.01	2.83	2.44	10.01	2.40	1.78
2	3.31	2.16	2.59	2.29	1.91	2.49	5.36	2.64	2.34	11.88	2.82	1.76
3	2.86	2.19	2.63	2.21	1.87	3.26	11.42	6.45	2.32	13.97	2.77	1.79
4	2.53	2.17	2.70	2.21	1.83	3.26	16.37	15.14	2.26	14.77	2.50	1.73
5	2.37	2.14	3.31	2.62	1.77	3.15	17.86	17.73	2.39	14.50	2.76	1.62
6	2.15	2.11	4.73	3.11	1.70	3.08	18.05	18.78	3.27	12.72	2.89	1.56
7	2.07	2.08	4.64	3.77	1.64	2.69	17.40	18.97	4.37	10.35	2.55	1.54
8	2.44	2.06	3.91	3.38	1.57	2.60	15.42	18.55	4.32	8.62	2.27	1.49
9	5.89	2.05	3.38	3.01	1.51	2.89	11.48	17.52	4.14	7.59	2.10	1.44
10	9.19	2.05	3.03	2.76	1.46	3.61	7.80	15.05	3.86	6.50	1.97	1.47
11	9.12	2.06	2.76	2.55	1.43	3.90	5.58	10.86	3.56	5.92	1.94	1.57
12	8.21	2.11	2.55	2.37	1.39	5.13	4.81	7.42	3.35	6.14	1.94	2.03
13	6.12	2.19	2.43	2.26	1.37	5.57	5.07	5.60	3.32	5.96	1.83	4.93
14	4.38	2.26	2.62	2.14	1.37	4.92	5.75	4.72	3.28	5.68	1.71	5.91
15	3.56	2.30	3.02	2.05	1.39	4.99	5.35	4.00	3.08	5.39	1.60	5.40
16	2.95	2.30	2.96	2.03	1.44	6.85	4.96	3.53	2.96	4.72	1.87	4.10
17	2.59	2.35	2.84	1.99	1.47	7.62	4.83	3.38	3.12	4.38	2.98	3.64
18	2.44	2.38	3.16	1.93	1.52	6.98	4.68	3.36	3.67	4.07	2.43	3.61
19	2.25	2.41	6.31	1.87	1.54	6.34	4.29	3.50	4.86	4.12	1.96	2.99
20	2.07	2.43	7.48	1.83	1.57	6.39	3.89	4.07	5.92	3.85	1.72	2.46
21	1.92	2.41	8.90	1.77	1.73	6.41	3.47	7.30	5.90	3.53	1.61	2.11
22	1.86	2.39	10.90	1.77	1.81	6.36	3.06	6.40	5.20	3.16	1.60	2.05
23	2.03	2.43	9.60	1.77	1.82	5.74	2.92	5.19	4.79	2.89	1.76	2.00
24	2.20	2.45	7.40	1.71	1.87	5.60	2.80	4.51	4.26	2.74	2.06	2.03
25	2.29	2.54	5.64	1.68	1.92	6.18	3.00	4.36	4.31	2.87	2.04	1.96
26	2.25	2.66	4.52	1.67	1.86	6.65	4.50	3.80	4.27	3.00	1.94	1.78
27	2.14	2.79	3.82	1.70	1.83	5.76	4.30	3.43	4.27	3.01	2.01	1.62
28	2.07	2.85	3.37	1.80	1.97	5.56	3.71	3.22	5.50	2.90	2.01	1.52
29	2.02	2.81	3.06	1.87	2.24	6.29	3.31	2.96	5.69	2.64	1.93	1.44
30	2.00	2.73	2.78	1.96	---	5.93	2.95	2.69	7.48	2.51	1.83	1.39
31	2.04	---	2.57	2.01	---	5.47	---	2.51	---	2.43	1.81	---
MAX	9.19	2.85	10.90	3.77	2.24	7.62	18.05	18.97	7.48	14.77	2.98	5.91
MIN	1.86	2.05	2.43	1.67	1.37	2.36	2.80	2.51	2.26	2.43	1.60	1.39

MERMENTAU RIVER BASIN

08012150 MERMENTAU RIVER AT MERMENTAU, LA

LOCATION.--Lat 30°11'23", long 92°35'25", on line between secs. 14 and 31, T. 10 S., R. 2 W., on parish line of Jefferson Davis and Acadia Parishes, Hydrologic Unit 08080202, on downstream side of U.S. Highway 90 bridge, 300 ft. upstream from Southern Pacific Transportation Company railroad bridge, 0.25 mi west of Mermentau, and 2.0 mi downstream from confluence with Bayous Nezpique and Des Cannes.

DRAINAGE AREA.--1,381 mi².

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 electromagnetic flowmeter. Datum of gage is 0.58 ft. below sea level. Prior to October 1988, 1.12 ft below sea level, (when datum is applied to gage heights as published). Prior to October 1984, datum of gage is at mean low Gulf.

REMARKS.--No estimated daily discharges. Records poor. No gage-height record for the period: July 6-12. No velocity record for the period: July 6-12. Discharge is affected by tide and wind at medium and low stages. Reverse flow at times during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 38,200 ft³/s, July 5, 1989; maximum negative discharge, -11,500 ft³/s, Dec. 31, 1984; maximum gage height, 10.97 ft, Nov. 2, 1985; minimum gage height, -0.03 ft, Aug. 15, 1985; no flow at times each year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height, 14.5 ft, August 1940; minimum gage height, -0.94 ft, July 13, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge recorded, 6,160 ft³/s, May 9; maximum negative discharge recorded, -4,200 ft³/s, Feb. 23; no flow at times during the year; maximum gage height, 2.81 ft, May 8; minimum, 0.46 ft, Nov. 2.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-35	-302	-245	-968	539	-1110	31	-693	-1030	3100	-443	-344
2	32	209	-344	-1550	498	-1080	56	-398	-990	3350	-654	-621
3	-278	-380	-315	-1570	-176	-899	1970	1280	-674	3590	-653	-305
4	168	-435	-427	601	432	802	3370	3170	-1030	3490	-229	-146
5	184	-262	395	-307	71	-166	2470	3830	-256	2600	-516	478
6	192	148	206	-65	-298	-321	2520	4420	910	---	-1040	203
7	-603	-50	-44	113	4.5	-703	3250	4940	423	---	-1060	-21
8	-406	-166	-62	-396	7.5	-920	4340	5450	224	---	-995	211
9	-352	-575	-136	-679	-299	-1480	2980	5650	-482	---	-821	-285
10	21	-430	103	-913	-715	-1340	2420	5290	-381	---	-721	-310
11	1090	-394	-58	-1030	-1260	829	1690	3930	-394	---	-684	-418
12	769	-138	-286	-1340	-370	416	979	3270	-387	---	-457	-247
13	205	-418	33	418	-1180	-237	1420	2740	-619	-189	-525	361
14	-139	-183	-136	481	-579	148	1040	1380	-844	-227	-283	405
15	-349	-111	179	-545	-1160	344	354	157	-1050	-51	-865	243
16	-398	-39	-12	-763	-1120	617	-301	-600	-554	-652	-532	464
17	-231	-276	66	-731	-1570	1240	-288	-1500	-43	-849	-947	184
18	108	-489	464	-1040	-1640	309	-397	-1080	338	-733	-690	-323
19	184	-531	51	-881	1030	1690	-771	-588	-253	-709	-451	-449
20	3.2	-.07	967	689	671	246	-1000	478	-423	-776	-544	-870
21	190	-264	1700	-113	-427	414	503	-61	-638	-848	-598	-514
22	-222	-579	1570	-338	-695	553	-477	-155	55	-493	-500	-888
23	289	-348	1480	-68	-788	114	-973	-1200	-289	-78	-18	-946
24	222	431	1110	328	-1320	-196	159	-1290	-836	257	-175	-1160
25	-57	199	883	182	-1500	-381	-127	-941	-615	310	-284	249
26	16	134	27	272	-359	-26	-319	-1570	-653	81	-625	69
27	-355	-302	-471	337	-14	759	-497	-1440	-607	-100	-896	194
28	-546	-53	1.7	384	-651	-333	132	-638	-270	-179	-668	211
29	-563	643	-657	329	-769	266	-313	-240	836	-975	-480	83
30	-920	216	-519	540	---	1470	-819	-296	1610	-242	-337	72
31	-692	---	-810	222	---	643	---	-453	---	-346	31	---
TOTAL	-2472.8	-4745.07	4713.7	-8401	-13637.0	1668	23402	32842	-8922	---	-17660	-4420
MEAN	-79.8	-158	152	-271	-470	53.8	780	1059	-297	---	-570	-147

MERMENTAU RIVER BASIN

411

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.27	1.09	.87	1.40	1.25	1.15	1.38	1.49	1.66	1.75	1.57	1.12
2	1.30	.79	1.03	1.50	1.20	1.14	1.46	1.47	1.62	1.90	1.57	1.06
3	1.28	.97	1.17	1.63	1.31	1.23	1.44	1.95	1.58	2.03	1.58	.98
4	1.21	1.07	1.13	1.26	1.16	.87	1.34	2.34	1.59	2.08	1.60	.95
5	1.08	1.10	.94	1.33	1.15	1.00	1.53	2.56	1.53	2.10	1.58	.84
6	1.15	1.05	.81	1.40	1.27	1.07	1.65	2.69	1.35	---	1.56	.76
7	1.25	1.00	.92	1.38	1.27	1.17	1.72	2.75	1.41	---	1.56	.83
8	1.38	1.00	.97	1.46	1.23	1.16	1.43	2.78	1.49	---	1.58	.85
9	1.44	1.01	1.06	1.45	1.26	1.12	1.63	2.78	1.58	---	1.54	1.02
10	1.37	1.01	.86	1.48	1.40	1.17	1.69	2.68	1.59	---	1.50	1.11
11	1.34	.95	.93	1.48	1.34	.87	1.65	2.68	1.55	---	1.49	1.13
12	1.37	.89	1.12	1.54	1.27	.93	1.63	2.67	1.47	---	1.40	1.12
13	1.39	.95	.90	1.35	1.39	1.00	1.53	2.44	1.47	1.79	1.41	1.14
14	1.37	.94	.98	1.20	1.21	1.05	1.56	2.17	1.51	1.73	1.45	1.19
15	1.39	.85	.78	1.43	1.28	1.14	1.64	2.09	1.44	1.64	1.45	1.12
16	1.39	.87	.88	1.46	1.27	1.11	1.68	2.14	1.44	1.63	1.38	1.00
17	1.30	.92	.92	1.45	1.34	1.01	1.63	2.20	1.56	1.61	1.35	1.06
18	1.17	.97	.96	1.45	1.49	1.12	1.61	2.25	1.58	1.59	1.34	1.13
19	1.06	1.01	1.05	1.49	1.02	1.06	1.70	2.17	1.66	1.56	1.31	1.18
20	1.03	.91	1.02	1.15	1.04	1.18	1.73	2.08	1.75	1.52	1.28	1.21
21	1.20	.93	1.08	1.30	1.16	1.20	1.46	1.96	1.75	1.49	1.28	1.13
22	1.28	.97	1.27	1.49	1.25	1.24	1.51	1.93	1.66	1.46	1.26	1.27
23	1.12	.98	1.36	1.34	1.30	1.27	1.65	1.96	1.63	1.46	1.26	1.28
24	1.14	.75	1.41	1.07	1.26	1.28	1.50	1.97	1.63	1.42	1.27	1.27
25	1.22	.72	1.35	1.23	1.45	1.27	1.38	1.94	1.61	1.47	1.23	.95
26	1.22	.81	1.43	1.16	1.43	1.24	1.45	1.99	1.57	1.47	1.24	.89
27	1.20	.92	1.42	1.25	1.11	1.21	1.42	2.01	1.59	1.49	1.24	.97
28	1.19	.92	1.32	1.10	1.14	1.29	1.34	1.87	1.61	1.49	1.21	.95
29	1.20	.81	1.39	1.09	1.22	1.34	1.39	1.73	1.60	1.49	1.17	.97
30	1.26	.73	1.46	1.09	---	1.16	1.50	1.66	1.66	1.45	1.08	1.00
31	1.19	---	1.43	1.23	---	1.15	---	1.68	---	1.54	1.03	---
MAX	1.44	1.10	1.46	1.63	1.49	1.34	1.73	2.78	1.75	---	1.60	1.28
MIN	1.03	.72	.78	1.07	1.02	.87	1.34	1.47	1.35	---	1.03	.76

MERMENTAU RIVER BASIN

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953, 1979 to 1993, 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1980 to September 1982.

WATER TEMPERATURES: April 1980 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 642 micromhos Oct. 2, 1981; minimum daily, 51 micromhos Feb. 20, 1982.

WATER TEMPERATURES: Maximum daily, 31.0°C July 12, 14, 15, 17-20, 1980; minimum daily, 6.0°C Jan. 17, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DEPTH BOTTOM AT SAMPLE LOC- ATION, (FEET) (81903)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
OCT							
07...	0800	--	285	6.9	24.5	--	74
NOV							
02...	0800	--	292	7.6	--	--	67
DEC							
08...	1245	--	305	7.6	16.9	4.3	72
JAN							
11...	0825	.50	342	7.4	14.1	7.3	--
11...	0826	10.0	343	7.3	13.8	6.9	--
11...	0827	19.6	337	7.2	12.5	5.7	--
11...	0830	.40	345	7.3	14.1	7.2	--
11...	0831	10.0	346	7.3	13.9	7.0	--
11...	0832	22.9	340	7.2	12.2	5.4	--
11...	0835	.35	344	7.3	14.0	7.2	--
11...	0836	10.1	345	7.3	13.9	7.1	--
11...	0837	23.1	346	7.2	12.1	5.2	--
11...	0900	--	345	7.3	14.1	7.2	69
FEB							
09...	0900	--	334	7.8	11.9	6.8	70
23...	0930	--	332	7.6	16.0	7.3	68
MAR							
08...	1200	--	330	7.7	19.8	9.0	67
23...	1500	--	437	7.0	22.0	12.3	96
APR							
04...	1030	--	558	7.9	20.9	1.9	120
19...	0930	--	310	7.3	22.4	1.9	74
MAY							
09...	0845	--	159	7.6	22.8	2.7	33
31...	1030	--	243	7.5	28.9	4.0	56
JUN							
20...	1730	--	470	7.8	30.0	5.8	100
28...	0800	--	359	7.6	29.4	4.8	79
JUL							
18...	0930	--	285	7.4	31.6	5.0	70
AUG							
22...	1415	--	374	7.8	32.2	7.1	90
SEP							
28...	1200	--	383	8.0	26.6	3.1	87

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT												
07...	17.4	10	7.31	50	27.0	5.1	92	28.0	.2	5.0	.035	.60
NOV												
02...	15.9	10	6.70	89	29.0	4.9	88	34.7	.2	4.7	.021	.47
DEC												
08...	17.1	E10	7.03	24	32.9	4.7	85	36.3	.2	5.2	<.020	.50
JAN												
11...	16.1	30	7.01	8	39.1	5.5	95	43.1	.2	7.4	.092	.62
FEB												
09...	16.4	60	6.98	14	38.3	5.6	93	40.2	.2	7.5	.033	.49
23...	15.8	40	6.86	3	37.7	5.5	--	40.5	.2	7.6	<.020	.48
MAR												
08...	15.5	40	6.72	11	37.3	5.3	86	42.2	.2	8.6	<.020	.44
23...	22.4	30	9.69	4	51.8	5.9	120	55.9	.3	9.0	.025	.66
APR												
04...	27.3	20	11.9	150	62.5	7.8	166	66.8	.7	8.0	.175	1.5
19...	17.5	70	7.36	139	33.5	4.8	92	35.8	.3	5.1	.178	1.1
MAY												
09...	7.98	90	3.29	57	15.1	3.9	40	15.8	.1	4.6	.123	.81
31...	13.3	190	5.54	390	23.4	4.3	74	23.8	.2	3.4	.175	.98
JUN												
20...	22.9	20	10.9	94	55.8	5.1	145	55.6	.4	4.6	.262	1.2
28...	18.0	30	8.28	195	41.0	4.3	112	37.5	.4	4.0	.174	.90
JUL												
18...	16.1	100	7.12	154	28.7	3.3	92	25.5	.3	2.5	.085	.69
AUG												
22...	20.4	80	9.43	214	41.4	3.9	123	39.4	.4	2.4	.106	.72
SEP												
28...	19.8	<10	9.03	17	41.3	4.1	305	42.6	.4	2.5	.054	.57
DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTR, GF 0.7U REC (UG/L) (38746)
OCT												
07...	.149	.172	.098	.078	14.9	173	K4	--	6.8	.7	<.08	<.05
NOV												
02...	.210	.130	.053	.036	14.7	212	K20	--	3.1	E19.0	<.08	<.05
DEC												
08...	.423	.120	.041	.024	14.9	180	K20	K33	1.2	<.1	<.08	<.05
JAN												
11...	.463	.208	.095	.072	15.4	217	--	--	3.6	.4	E.06	<.05
FEB												
09...	.580	.193	.071	.057	14.5	202	K15	--	.2	<.1	<.08	<.05
23...	.507	.171	.069	.050	13.3	196	--	--	1.4	<.1	--	--
MAR												
08...	.421	.141	.057	.031	12.1	199	<3	K5	5.3	E.1	E.05	<.05
23...	<.050	.160	.060	.036	12.1	253	--	--	14.6	2.3	--	--
APR												
04...	.511	.385	.217	.175	14.1	336	--	--	.7	<.1	.19	<.05
19...	.308	.300	.132	.105	11.1	198	--	--	2.2	<.1	--	--
MAY												
09...	.289	.216	.115	.083	7.5	105	K18	--	.9	<.1	.33	<.05
31...	<.050	.340	.170	.135	10.2	159	--	--	11.6	<.1	--	--
JUN												
20...	.149	.296	.206	.170	12.9	277	140	--	--	--	.18	<.05
28...	.115	.230	.138	.110	13.2	210	--	--	--	--	--	--
JUL												
18...	.072	.227	.125	.107	16.0	174	--	--	23.1	3.4	.13	<.05
AUG												
22...	<.050	.204	.147	.121	17.2	225	K7	10	11.7	1.9	.09	<.05
SEP												
28...	<.050	.146	.080	.064	16.0	225	K4	--	--	--	E.07	<.05

MERMENTAU RIVER BASIN

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, GF 0.7U REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
OCT 07...	<.06	<.06	<.16	<.03	<.08	E.04	<.08	<.06	<.06	<.04	<.07	<.10
NOV 02...	<.06	<.06	<.16	<.03	<.08	E.05	<.08	<.06	<.06	<.04	<.07	<.10
DEC 08...	<.06	<.06	<.16	<.03	<.08	E.05	<.08	<.06	<.06	<.04	<.07	<.10
JAN 11...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
FEB 09...	<.06	<.06	<.16	--	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 08...	<.06	<.06	<.16	<.03	<.08	E.04	<.08	<.06	<.06	<.04	<.07	<.10
23...	--	--	--	--	--	--	--	--	--	--	--	--
APR 04...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
19...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 09...	<.06	<.06	<.16	<.03	<.08	E.16	<.08	<.06	E.01	<.04	<.07	<.10
31...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 20...	<.06	<.06	<.16	<.03	<.08	E.11	<.08	<.06	E.02	<.04	<.07	<.10
28...	--	--	--	--	--	--	--	--	--	--	--	--
JUL 18...	<.06	<.06	<.16	<.03	<.08	E.08	<.08	<.06	E.03	<.04	<.07	<.10
AUG 22...	<.06	<.06	<.16	<.03	<.08	E.05	<.08	<.06	<.06	<.04	<.07	<.10
SEP 28...	<.06	<.06	<.16	<.03	<.08	E.04	<.08	<.06	<.06	<.04	<.07	<.10
DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
OCT 07...	<.05	<.04	.29	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
NOV 02...	<.05	<.04	.18	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
DEC 08...	<.05	<.04	.16	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
JAN 11...	<.05	<.04	.16	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
FEB 09...	<.05	<.04	.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 08...	<.05	<.04	.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
23...	--	--	--	--	--	--	--	--	--	--	--	--
APR 04...	<.05	<.04	<.08	<.07	<.06	<.07	E.03	<.06	<.08	<.08	<.07	<.08
19...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 09...	<.05	<.04	.12	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
31...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 20...	<.05	<.04	.16	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
28...	--	--	--	--	--	--	--	--	--	--	--	--
JUL 18...	<.05	<.04	.11	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
AUG 22...	<.05	<.04	.18	<.07	<.06	<.07	<.06	<.06	<.08	E.01	<.07	<.08
SEP 28...	<.05	<.04	.16	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)
OCT											
07...	<.07	<.02	<.07	<.07	<.06	E.03	7.2	1.1	<.003	<.002	<.002
NOV											
02...	<.07	<.02	<.07	<.07	<.06	<.10	6.8	.9	<.003	<.002	<.002
DEC											
08...	<.07	<.02	<.07	<.07	<.06	E.05	6.9	.8	<.003	<.002	.009
JAN											
11...	<.07	<.02	<.07	<.07	<.06	E.06	9.1	2.3	<.003	<.002	.007
FEB											
09...	<.07	<.02	<.07	<.07	<.06	E.10	8.5	1.9	<.003	<.002	.007
23...	--	--	--	--	--	--	8.3	.7	<.003	<.002	<.002
MAR											
08...	<.07	<.02	<.07	<.07	M	E.10	8.7	1.2	<.003	<.002	.004
23...	--	--	--	--	--	--	9.7	3.3	<.003	<.002	<.002
APR											
04...	<.07	<.02	<.07	<.07	<.06	<.10	17	>4.0	<.003	<.002	<.002
19...	--	--	--	--	--	--	14	1.3	<.003	<.002	<.002
MAY											
09...	<.07	<.02	<.07	<.07	<.06	<.10	11	1.0	<.003	.009	.012
31...	--	--	--	--	--	--	12	1.0	<.003	<.002	.026
JUN											
20...	<.07	<.02	<.07	<.07	<.06	.10	13	2.1	<.003	<.002	.025
28...	--	--	--	--	--	--	11	.5	<.003	<.002	<.002
JUL											
18...	<.07	<.02	<.07	<.07	<.06	.13	9.1	.7	<.003	<.002	<.002
AUG											
22...	<.07	<.02	<.07	<.07	<.06	E.08	8.7	1.2	<.003	<.002	<.002
SEP											
28...	<.07	<.02	<.07	<.07	<.06	E.09	8.1	.8	<.002	<.004	<.002
DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)
OCT											
07...	<.002	.276	<.002	<.002	E.011	<.003	<.004	<.004	<.002	E.019	.005
NOV											
02...	<.002	.150	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.015	<.002
DEC											
08...	<.002	.110	<.002	<.002	<.003	E.009	<.004	<.004	E.003	E.012	.005
JAN											
11...	<.002	.060	<.002	<.002	E.13	<.030	<.004	<.004	<.002	E.007	.006
FEB											
09...	<.002	.074	<.002	<.002	E.038	<.025	<.004	<.004	<.002	E.010	<.010
23...	<.002	.112	<.002	<.002	E.006	E.009	<.004	<.004	<.002	E.014	<.002
MAR											
08...	<.002	.224	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.018	<.005
23...	<.002	.059	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.008	<.002
APR											
04...	<.002	.279	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.015	.005
19...	<.002	1.92	<.002	<.002	E.014	E.074	<.004	<.004	<.002	E.066	.019
MAY											
09...	<.002	.166	<.002	<.002	E.029	E.037	E.016	<.004	<.002	E.019	.019
31...	<.002	.154	<.002	<.002	<.003	E.029	<.004	<.004	<.002	E.019	.009
JUN											
20...	<.002	.242	<.002	<.002	<.003	E.037	<.004	<.007	<.002	E.025	.013
28...	<.002	.116	<.002	<.002	E.012	E.024	<.004	<.004	<.002	E.015	.009
JUL											
18...	<.002	.040	<.002	<.002	<.003	E.060	<.004	<.004	<.002	E.009	<.002
AUG											
22...	<.002	.029	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.009	<.002
SEP											
28...	<.005	.020	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.006	E.005

MERMENTAU RIVER BASIN

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT											
07...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
NOV											
02...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DEC											
08...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JAN											
11...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
FEB											
09...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	.009	<.001	<.006
23...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAR											
08...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
23...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
APR											
04...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
19...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAY											
09...	<.001	<.017	.062	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
31...	<.001	<.017	.012	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JUN											
20...	<.001	<.017	E.003	<.004	<.007	<.003	<.004	<.002	.019	<.010	<.020
28...	<.001	<.017	E.004	<.004	.004	<.003	<.004	<.002	<.005	<.001	.011
JUL											
18...	<.010	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
AUG											
22...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
SEP											
28...	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006
DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER FLTRD 0.7 U GF, REC (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P, P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
OCT											
07...	.019	.037	.008	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.010
NOV											
02...	.068	.015	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
DEC											
08...	.082	.010	.006	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.009
JAN											
11...	.061	<.010	.014	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.011
FEB											
09...	.055	<.004	.006	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.009
23...	.042	.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.007
MAR											
08...	.047	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.013
23...	.018	<.004	.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.008
APR											
04...	.046	.089	.999	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
19...	1.24	.209	2.88	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.013
MAY											
09...	.065	.007	4.91	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.009
31...	.053	.010	4.76	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JUN											
20...	.525	.017	5.08	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.010
28...	.196	.005	2.42	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.007
JUL											
18...	.054	<.004	.209	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.008
AUG											
22...	.027	<.004	.068	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.007
SEP											
28...	.017	<.006	.016	<.007	<.002	<.007	<.002	<.010	<.006	<.011	E.003

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT 07...	<.003	<.007	<.004	<.013	<.005	.738	<.007	<.013	<.002	<.001	<.002
NOV 02...	<.003	<.007	<.004	<.013	<.005	.506	<.007	<.013	<.002	<.001	<.002
DEC 08...	<.003	<.007	<.004	<.013	E.005	.390	<.007	<.013	<.002	<.001	<.002
JAN 11...	<.003	<.007	<.004	<.013	.026	E.673	<.007	<.013	<.002	<.001	<.002
FEB 09...	<.003	<.007	<.004	<.013	.018	.706	<.007	<.013	<.002	<.001	<.002
23...	<.003	<.007	<.004	<.013	.014	.561	<.007	<.013	<.002	<.001	<.002
MAR 08...	<.003	<.007	<.004	<.013	.021	.591	<.007	<.013	<.002	<.001	<.002
23...	<.003	<.007	<.004	<.013	.009	.357	<.007	<.013	<.010	<.001	<.002
APR 04...	<.003	<.007	.008	<.013	.009	.324	<.007	<.013	.026	<.001	<.002
19...	<.003	<.007	.028	<.013	.019	.175	<.007	<.013	.041	<.001	<.002
MAY 09...	<.003	<.007	<.004	<.013	<.005	.211	<.007	<.013	.005	<.001	<.002
31...	<.003	<.007	<.004	<.130	<.015	E.207	<.007	<.013	<.002	<.001	<.002
JUN 20...	<.003	<.007	<.004	<.013	.026	.120	<.007	<.013	.012	<.001	.033
28...	<.003	<.007	<.004	<.013	<.005	.170	<.007	<.013	.028	<.001	E.002
JUL 18...	<.003	<.007	<.004	<.013	<.005	.103	<.007	<.013	<.002	<.001	<.002
AUG 22...	<.003	<.007	<.004	<.013	<.005	.086	<.007	<.013	<.002	<.001	<.002
SEP 28...	<.004	<.010	<.011	<.023	<.011	.101	<.034	<.017	<.005	<.002	<.009

E Estimated value.

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

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

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

M Presence of material verified but not quantified.

MERMENTAU RIVER BASIN

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA

LOCATION.--Lat 30°04'12", long 92°52'43", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ 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 sea level (levels by Louisiana Department of Transportation and Development, Office of Highways); prior to Oct. 1, 1974, nonrecording gage at same site at datum 0.85 ft lower.

REMARKS.--No estimated daily discharge. Records poor. No gage-height record: May 9-16; no velocity record: Dec. 25-Jan. 4. Discharge affected by wind and tide at all stages. Reverse flow at times during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.72 ft, May 19, 1980; minimum gage height, 7.25 ft, Mar. 18, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 5,740 ft³/s, May 5, 6; maximum gage height, 9.97 ft, May 6; no flow at time during the year; maximum negative discharge, -662 ft³/s, Feb. 24; minimum gage height, 7.45 ft, Sept. 6.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-98	-60	-109	---	-139	-1.9	-33	-7.6	31	175	368	-79
2	-82	-9.1	-65	---	-111	-66	-23	69	-48	209	167	-164
3	-52	-163	56	---	-137	-63	115	1540	41	211	188	-123
4	-55	-116	35	---	-48	33	1220	3970	-70	244	297	-203
5	-156	-95	155	-134	-129	-170	1020	5320	62	257	241	-204
6	-142	-79	-60	-51	-148	-61	654	5240	116	208	163	-203
7	-89	-120	-88	-63	-48	-56	323	4870	93	185	18	-115
8	-2.4	-101	-63	-22	-49	11	138	4060	45	178	103	-129
9	40	-90	-20	45	-90	44	-74	---	-25	102	51	-111
10	-23	-92	-46	41	-60	22	-40	---	81	135	-2.0	-38
11	-38	-138	-107	19	-96	58	65	---	-71	145	47	-49
12	-61	-209	60	18	22	-35	172	---	-11	102	-67	-72
13	-35	-82	29	42	-30	-82	217	---	40	91	-66	210
14	-36	-64	-64	-215	-36	-61	87	---	18	95	22	105
15	-36	-118	18	-56	-184	-64	23	---	-37	81	-25	-13
16	28	-144	-97	29	-3.4	21	151	---	58	99	-98	-134
17	-77	-99	-93	39	-109	-10	56	-102	-25	89	-173	-129
18	-205	-63	-137	12	-124	-62	21	-208	-83	87	-112	-52
19	-100	-5.8	-19	-45	15	39	-1.8	-16	-86	38	-144	-38
20	-203	-53	-19	-142	-292	-36	100	99	-123	33	-159	-6.4
21	-150	-43	423	-132	-205	19	-49	71	-20	51	-131	-30
22	-53	-26	86	-41	-116	12	-99	85	1.4	8.7	-151	40
23	-164	24	4.0	9.5	-123	67	-114	103	-45	50	-164	46
24	-145	-107	19	-120	-91	85	15	-8.3	-37	-57	-132	41
25	-81	-17	---	-77	-150	153	-124	67	-32	-88	-147	13
26	-18	-93	---	-150	-57	159	-75	107	-103	-43	-107	-140
27	-55	-42	---	-152	41	161	-69	-132	-43	-52	-74	-122
28	-57	-26	---	-60	-153	66	-111	-202	-37	75	-103	-158
29	-84	-108	---	1.4	-95	154	-100	-142	-74	83	-135	-97
30	-57	-194	---	-54	---	133	-112	-10	84	88	-139	-80
31	-34	---	---	-191	---	-64	---	131	---	441	-135	---
TOTAL	-2320.4	-2532.9	---	---	-2745.4	405.1	3352.2	---	-262.97	3320.7	-599.0	-2034.4
MEAN	-74.9	-84.4	---	---	-94.7	13.1	112	---	-8.77	107	-19.3	-67.8

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.00	7.74	7.61	8.11	7.99	7.82	8.13	8.22	8.37	8.38	8.28	7.74
2	8.03	7.44	7.86	8.22	7.93	7.84	8.16	8.19	8.29	8.52	8.27	7.69
3	8.03	7.64	7.93	8.31	7.97	7.83	8.15	8.77	8.24	8.64	8.30	7.62
4	7.97	7.81	7.89	7.87	7.82	7.56	8.03	9.40	8.24	8.71	8.29	7.65
5	7.82	7.83	7.59	8.03	7.86	7.72	8.22	9.80	8.18	8.72	8.26	7.56
6	7.88	7.76	7.50	8.16	7.98	7.81	8.28	9.94	8.08	8.71	8.25	7.54
7	8.04	7.70	7.66	8.13	7.98	7.94	8.30	9.88	8.14	8.63	8.27	7.54
8	8.13	7.69	7.75	8.21	7.92	7.87	7.95	9.72	8.22	8.57	8.29	7.60
9	8.15	7.71	7.76	8.13	7.95	7.79	8.29	---	8.31	8.60	8.24	7.78
10	8.08	7.71	7.55	8.13	8.07	7.82	8.39	---	8.33	8.61	8.17	7.85
11	8.06	7.64	7.73	8.15	8.03	7.54	8.34	---	8.27	8.56	8.19	7.85
12	8.09	7.59	7.81	8.23	7.96	7.64	8.33	---	8.16	8.50	8.12	7.85
13	8.10	7.64	7.51	8.08	8.05	7.71	8.22	---	8.14	8.44	8.14	7.90
14	8.08	7.63	7.66	8.00	7.90	7.83	8.25	---	8.17	8.35	8.17	7.88
15	8.10	7.55	7.44	8.17	7.98	7.89	8.33	---	8.10	8.30	8.15	7.82
16	8.11	7.57	7.57	8.19	7.97	7.77	8.36	---	8.16	8.28	8.05	7.74
17	8.02	7.63	7.65	8.14	8.06	7.72	8.30	8.88	8.26	8.27	8.03	7.77
18	7.91	7.70	7.67	8.10	8.16	7.82	8.29	8.94	8.26	8.25	8.01	7.83
19	7.75	7.73	7.77	8.10	7.73	7.71	8.38	8.87	8.32	8.20	7.98	7.90
20	7.74	7.61	7.81	7.88	7.77	7.87	8.36	8.76	8.39	8.17	7.95	7.92
21	7.89	7.66	7.81	8.06	7.89	7.97	8.12	8.63	8.36	8.15	7.96	7.88
22	7.93	7.75	7.97	8.18	8.01	8.00	8.21	8.59	8.28	8.13	7.97	7.96
23	7.83	7.71	8.04	8.01	8.07	7.99	8.37	8.59	8.27	8.16	8.00	7.97
24	7.87	7.46	8.07	7.77	8.01	7.99	8.15	8.61	8.26	8.12	7.96	7.95
25	7.92	7.39	8.07	7.91	8.25	7.95	8.08	8.61	8.27	8.16	7.93	7.61
26	7.92	7.49	8.10	7.91	8.15	7.91	8.10	8.64	8.24	8.16	7.92	7.59
27	7.90	7.62	8.07	8.15	7.80	7.85	8.08	8.71	8.24	8.19	7.92	7.68
28	7.90	7.63	7.97	7.83	7.88	7.98	8.00	8.63	8.26	8.17	7.90	7.67
29	7.94	7.52	8.09	7.76	7.93	8.04	8.09	8.47	8.23	8.16	7.83	7.69
30	7.99	7.47	8.16	7.80	---	7.84	8.27	8.38	8.31	8.15	7.74	7.71
31	7.86	---	8.12	7.95	---	7.89	---	8.39	---	8.26	7.70	---
MAX	8.15	7.83	8.16	8.31	8.25	8.04	8.39	---	8.39	8.72	8.30	7.97
MIN	7.74	7.39	7.44	7.76	7.73	7.54	7.95	---	8.08	8.12	7.70	7.54

MERMENTAU RIVER BASIN

08012470 BAYOU LACCASSINE NEAR LAKE ARTHUR, LA

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998-current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DEPTH BOTTOM AT SAMPLE LOC- ATION, (FEET) (81903)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
OCT							
06...	1745	--	359	6.6	--	--	54
NOV							
02...	1030	--	370	7.5	20.4	--	--
DEC							
08...	0900	--	490	7.8	15.2	7.0	74
JAN							
11...	1420	.70	353	7.5	15.7	9.6	--
11...	1421	5.00	350	7.4	15.7	9.5	--
11...	1422	8.50	364	7.2	13.8	5.9	--
11...	1430	.40	351	7.3	15.9	9.5	--
11...	1431	5.00	351	7.2	15.7	9.2	--
11...	1432	10.0	352	7.2	12.9	5.7	--
11...	1440	.30	351	7.5	17.5	9.9	--
11...	1441	7.40	351	7.2	14.6	9.0	--
11...	1442	14.5	352	7.2	12.6	5.1	--
11...	1500	--	351	7.3	15.9	--	62
FEB							
09...	1300	--	365	8.1	13.4	12.5	65
24...	0830	--	825	7.8	19.4	8.5	100
MAR							
08...	1430	--	2140	7.9	23.7	8.3	230
23...	0930	--	2120	7.6	21.4	--	230
APR							
04...	1400	--	371	7.6	20.4	1.5	67
20...	1300	--	325	7.5	24.5	4.1	59
MAY							
09...	1130	--	157	7.2	25.1	.6	32
JUN							
01...	0830	--	217	7.5	--	--	45
20...	2000	--	304	7.2	30.8	5.0	42
28...	0830	--	421	7.6	30.2	5.5	49
JUL							
18...	1415	--	302	7.2	32.2	.2	59
AUG							
23...	0745	--	308	7.7	30.5	3.5	55
SEP							
28...	1630	--	428	7.9	24.2	6.6	51

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	IRON, DIS- SOLVED (MG/L AS FE) (01046)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (MG/L AS MN) (01056)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT												
06...	10.7	E10	6.57	54	44.3	3.5	59	66.3	.3	8.1	<.020	.46
NOV												
02...	--	E10	6.71	14	45.8	4.0	64	72.6	.3	7.8	<.020	.41
DEC												
08...	13.7	<10	9.62	19	66.4	4.6	59	101	.2	12.8	<.020	.44
JAN												
11...	14.0	20	6.59	8	39.2	6.5	50	62.2	.2	9.1	.052	.64
FEB												
09...	14.4	50	7.04	10	43.3	6.7	60	64.7	.3	9.8	<.020	.53
24...	16.9	10	14.4	17	111	8.0	50	198	.2	27.9	<.020	.40
MAR												
08...	27.8	<30	38.5	82	317	13.4	43	583	.2	79.2	<.020	.42
23...	30.2	<30	38.5	157	327	13.4	40	586	.2	77.7	<.020	.47
APR												
04...	15.7	60	6.79	206	41.5	6.8	69	60.7	.5	9.9	.321	1.8
20...	13.7	90	6.08	260	36.1	4.8	54	53.9	.4	10.7	.360	.11
MAY												
09...	7.87	160	3.07	109	14.8	3.6	32	19.7	.2	5.1	.308	1.1
JUN												
01...	10.6	740	4.57	462	22.1	4.3	46	31.3	.3	--	.311	1.2
20...	7.30	260	5.79	264	38.5	5.2	36	62.3	.2	6.9	.214	1.0
28...	6.82	210	7.68	184	58.8	5.7	33	96.2	.3	11.0	.165	.94
JUL												
18...	13.6	480	6.01	234	31.4	3.8	57	--	.3	3.2	.154	.77
AUG												
23...	10.9	50	6.73	275	38.1	4.3	65	49.2	.3	3.0	.161	.79
SEP												
28...	7.79	30	7.73	14	57.8	5.2	52	88.8	.4	8.8	<.020	.58

08012470 BAYOU LACCASSINE NEAR LAKE ARTHUR, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	0, MFC- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
OCT 06...	<.050	.110	.032	.020	8.6	195	--	--	12.1	1.4	<.08	<.05
NOV 02...	<.050	.081	.030	.016	8.6	230	--	--	3.9	E.2	<.08	<.05
DEC 08...	<.050	.068	.019	.014	8.0	263	--	--	4.6	<.1	--	--
JAN 11...	.240	.078	.020	.010	12.4	216	--	--	6.5	.5	<.08	<.05
FEB 09...	.128	.079	.023	.010	11.1	210	130	K55	16.4	E.2	<.08	<.05
24...	<.050	.057	.018	.014	6.0	441	--	--	3.4	.1	--	--
MAR 08...	<.050	.053	.016	<.010	2.5	1130	K6	K3	5.9	.2	E.04	<.05
23...	<.050	.055	.012	<.010	2.5	1140	--	--	5.6	.5	--	--
APR 04...	.366	.426	.068	.041	10.4	225	--	--	1.6	E.2	E.07	<.05
20...	.207	.377	.100	.070	10.8	205	--	--	4.4	.2	--	--
MAY 09...	.053	.254	.134	.095	6.4	108	K26	--	1.4	.1	.55	<.05
JUN 01...	<.050	.544	.200	.160	8.7	151	--	--	7.7	.6	--	--
20...	.196	.476	.113	.083	9.2	188	K5	--	--	--	.11	<.05
28...	<.050	.381	.123	.095	9.1	244	--	--	--	--	--	--
JUL 18...	<.050	.289	.122	.100	14.3	173	--	--	50.8	5.7	<.08	<.05
AUG 23...	<.050	.200	.087	.068	13.7	187	--	--	10.7	.4	.09	<.05
SEP 28...	<.050	.150	.023	.010	7.7	238	K4	--	--	--	E.06	<.05
DATE	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
OCT 06...	<.06	<.06	<.16	<.03	<.08	E.07	<.08	<.06	<.06	<.04	<.07	<.10
NOV 02...	<.06	<.06	<.16	<.03	<.08	E.09	<.08	<.06	<.06	<.04	<.07	<.10
DEC 08...	--	--	--	--	--	--	--	--	--	--	--	--
JAN 11...	<.06	<.06	<.16	<.03	<.08	E.02	<.08	<.06	<.06	<.04	<.07	<.10
FEB 09...	<.06	<.06	<.16	--	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 08...	<.06	<.06	<.16	<.03	<.08	E.04	<.08	<.06	<.06	<.04	<.07	<.10
23...	--	--	--	--	--	--	--	--	--	--	--	--
APR 04...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 09...	<.06	<.06	<.16	<.03	<.08	E.13	<.08	<.06	<.06	<.04	<.07	<.10
JUN 01...	--	--	--	--	--	--	--	--	--	--	--	--
20...	<.06	<.06	<.16	<.03	<.08	E.16	<.08	<.06	<.06	<.04	<.07	<.10
28...	--	--	--	--	--	--	--	--	--	--	--	--
JUL 18...	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07	<.10
AUG 23...	<.06	<.06	<.16	<.03	<.08	E.35	<.08	<.06	<.06	<.04	<.07	<.10
SEP 28...	<.06	<.06	<.16	<.03	<.08	E.19	<.08	<.06	<.06	<.04	<.07	<.10

MERMENTAU RIVER BASIN

08012470 BAYOU LACCASSINE NEAR LAKE ARTHUR, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON, WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
OCT												
06...	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
NOV												
02...	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
DEC												
08...	--	--	--	--	--	--	--	--	--	--	--	--
JAN												
11...	<.05	<.04	.20	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
FEB												
09...	<.05	<.04	E.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR												
08...	<.05	<.04	E.01	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
23...	--	--	--	--	--	--	--	--	--	--	--	--
APR												
04...	<.05	<.04	E.05	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
09...	<.05	<.04	.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
JUN												
01...	--	--	--	--	--	--	--	--	--	--	--	--
20...	<.05	<.04	.10	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
28...	--	--	--	--	--	--	--	--	--	--	--	--
JUL												
18...	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
AUG												
23...	<.05	<.04	.11	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08
SEP												
28...	<.05	<.04	E.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07	<.08

DATE	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)
OCT											
06...	<.07	<.02	<.07	<.07	<.06	<.10	6.7	1.6	<.003	<.002	<.002
NOV											
02...	<.07	<.02	<.07	<.07	<.06	<.10	6.5	.9	<.003	<.002	<.002
DEC											
08...	--	--	--	--	--	--	6.8	.4	<.003	<.002	<.002
JAN											
11...	<.07	<.02	<.07	<.07	<.06	.26	9.1	1.7	<.003	<.002	<.002
FEB											
09...	<.07	<.02	<.07	<.07	<.06	.16	9.0	1.8	<.003	<.002	<.002
24...	--	--	--	--	--	--	7.5	1.1	<.003	<.002	<.002
MAR											
08...	<.07	<.02	<.07	<.07	<.06	<.10	6.5	1.4	<.003	<.002	<.002
23...	--	--	--	--	--	--	7.1	.8	<.003	<.002	<.002
APR											
04...	<.07	<.02	<.07	<.07	<.06	<.10	20	>4.0	<.003	<.002	<.002
20...	--	--	--	--	--	--	13	3.2	<.003	<.002	<.005
MAY											
09...	<.07	<.02	<.07	<.07	<.06	<.10	11	.9	<.003	<.002	<.002
JUN											
01...	--	--	--	--	--	--	15	2.3	<.003	<.002	<.002
20...	<.07	<.02	<.07	<.07	<.06	<.10	15	2.6	<.003	<.002	<.002
28...	--	--	--	--	--	--	14	.3	<.003	<.002	<.002
JUL											
18...	<.07	<.02	<.07	<.07	<.06	<.10	11	1.7	<.003	<.004	<.002
AUG											
23...	<.07	<.02	<.07	<.07	<.06	E.03	9.1	.9	<.003	<.002	<.002
SEP											
28...	<.07	<.02	<.07	<.07	<.06	<.10	9.9	1.6	<.002	<.004	<.002

08012470 BAYOU LACCASSINE NEAR LAKE ARTHUR, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)
OCT 06...	<.002	.066	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.016	<.002
NOV 02...	<.002	.060	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.014	<.002
DEC 08...	<.002	.048	<.002	<.002	<.003	<.003	<.004	<.004	E.002	E.012	<.002
JAN 11...	<.002	.199	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.029	<.002
FEB 09...	<.002	.191	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.032	<.002
24...	<.002	.099	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.024	<.002
MAR 08...	<.002	.073	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.019	<.002
23...	<.002	.057	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.012	<.002
APR 04...	<.002	8.91	<.002	<.002	E.015	<.003	<.004	<.004	<.002	E.20	.031
20...	<.002	1.70	<.002	<.002	<.010	<.003	<.004	<.004	<.002	E.10	.006
MAY 09...	<.002	.310	<.002	<.002	<.007	<.003	<.004	<.004	<.002	E.040	.009
JUN 01...	<.002	.218	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.027	<.002
20...	<.002	.193	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.023	<.002
28...	<.002	.197	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.022	<.002
JUL 18...	<.002	.063	<.002	<.002	E.005	E.16	<.004	<.004	<.002	E.011	<.002
AUG 23...	<.002	.056	<.002	<.002	<.003	<.003	<.004	<.004	<.002	E.013	<.002
SEP 28...	<.005	.054	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.013	<.005
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THON, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT 06...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
NOV 02...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DEC 08...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JAN 11...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
FEB 09...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
24...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAR 08...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
23...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
APR 04...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
20...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAY 09...	<.007	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JUN 01...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	.010	<.001	<.006
20...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.010	<.006
28...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	.006	<.001	<.006
JUL 18...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
AUG 23...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
SEP 28...	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006

MERMENTAU RIVER BASIN

08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U (UG/L) (82684)	P, P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD 0.7 U (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
OCT 06...	.032	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
NOV 02...	.022	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
DEC 08...	.019	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.007
JAN 11...	.285	.032	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.006
FEB 09...	.271	<.025	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.006
24...	.092	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.005
MAR 08...	.017	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.004
23...	.015	<.004	E.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.005
APR 04...	.255	.037	E5.08	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.015
20...	.064	.017	1.78	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
MAY 09...	.255	.083	6.90	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.005
JUN 01...	.171	.041	4.01	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.010
20...	.118	.020	1.21	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.008
28...	.098	.015	.691	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JUL 18...	.284	.021	.701	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
AUG 23...	.103	<.004	.182	<.003	<.006	<.004	<.004	<.004	<.005	<.002	E.006
SEP 28...	.042	<.006	.018	<.007	<.002	<.007	<.002	<.010	<.006	<.011	E.003
DATE	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT 06...	<.003	<.007	<.004	<.013	<.005	.476	<.007	<.013	<.002	<.001	<.002
NOV 02...	<.003	<.007	<.004	<.013	<.005	.494	<.007	<.013	<.002	<.001	<.002
DEC 08...	<.003	<.007	<.004	<.013	.005	.496	<.007	<.013	<.002	<.001	<.002
JAN 11...	<.003	<.007	<.004	<.013	.008	E.137	<.007	<.013	<.002	<.001	<.002
FEB 09...	<.003	<.007	<.004	<.013	.012	.164	<.007	<.013	<.002	<.001	<.002
24...	<.003	<.007	<.004	<.013	E.005	E.351	<.007	<.013	<.002	<.001	<.002
MAR 08...	<.003	<.007	<.004	<.013	E.003	.346	<.007	<.013	<.002	<.001	<.002
23...	<.003	<.007	<.004	<.013	E.003	.319	<.007	<.013	<.002	<.001	<.002
APR 04...	<.003	<.007	.005	<.013	.668	E.086	<.007	<.013	<.002	<.001	<.002
20...	<.003	<.007	<.004	<.013	.263	.058	<.007	<.013	<.002	<.001	<.002
MAY 09...	<.003	<.007	<.004	<.013	.011	.026	<.007	<.013	.012	<.001	E.001
JUN 01...	<.003	<.007	<.004	<.013	<.020	E.109	<.007	<.013	<.002	<.001	<.002
20...	<.003	<.007	<.004	<.013	.021	.079	<.007	<.013	<.002	<.001	<.002
28...	<.003	<.007	<.004	<.013	<.005	E.111	<.007	<.013	<.002	<.001	<.002
JUL 18...	<.003	<.007	<.004	<.013	<.005	.055	<.007	<.013	<.002	<.001	<.002
AUG 23...	<.003	<.007	<.004	<.013	<.005	.073	<.007	<.013	<.002	<.001	<.002
SEP 28...	<.004	<.010	<.011	<.023	<.011	.138	<.034	<.017	<.005	<.002	<.009

E Estimated value.

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

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

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

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.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

No peak greater than base discharge.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	24	26	46	39	30	291	56	53	37	24	16
2	28	25	25	44	41	31	209	55	50	40	28	16
3	29	24	27	43	44	32	681	146	48	91	24	15
4	27	24	28	44	42	30	1900	263	46	115	23	15
5	25	26	30	46	40	29	1970	947	44	192	22	15
6	24	25	32	43	37	29	1950	1520	42	307	22	15
7	24	25	36	44	37	28	2260	1830	40	261	22	16
8	27	24	47	44	37	28	2480	2300	38	170	21	19
9	103	24	42	44	35	28	2610	2420	36	114	21	20
10	104	24	38	43	34	28	2800	2170	35	80	21	21
11	70	24	36	41	35	34	2510	1950	35	65	20	21
12	65	24	34	39	36	54	1680	1460	34	93	20	21
13	48	24	34	38	36	156	904	537	33	113	19	24
14	39	23	36	36	35	270	901	202	33	80	19	23
15	34	23	43	36	35	248	933	141	32	61	19	24
16	31	23	52	35	34	182	751	119	32	50	19	30
17	30	23	50	35	34	129	436	106	32	43	21	32
18	28	23	50	34	33	104	265	94	33	38	21	28
19	27	23	60	33	33	107	186	86	33	35	20	25
20	26	24	62	33	32	131	142	85	55	32	19	24
21	26	23	90	32	32	145	115	85	107	30	18	24
22	25	23	113	32	32	213	96	79	104	29	18	23
23	25	23	131	33	34	310	84	88	77	28	18	22
24	25	23	140	32	36	364	78	146	61	27	18	21
25	24	25	123	31	35	360	71	177	53	26	18	20
26	24	25	105	30	33	271	68	156	45	25	18	19
27	24	25	86	30	33	184	67	116	40	24	17	18
28	24	25	72	31	32	156	66	88	36	24	17	18
29	24	25	62	32	31	215	61	73	36	23	17	18
30	24	26	55	32	---	314	59	64	33	23	16	17
31	24	---	50	35	---	342	---	57	---	22	16	---
TOTAL	1087	722	1815	1151	1027	4582	26624	17616	1376	2298	616	620
MEAN	35.1	24.1	58.5	37.1	35.4	148	887	568	45.9	74.1	19.9	20.7
MAX	104	26	140	46	44	364	2800	2420	107	307	28	32
MIN	24	23	25	30	31	28	59	55	32	16	16	15
AC-FT	2160	1430	3600	2280	2040	9090	52810	34940	2730	4560	1220	1230
CFSM	.07	.05	.12	.07	.07	.30	1.78	1.14	.09	.15	.04	.04
IN.	.08	.05	.14	.09	.08	.34	1.98	1.31	.10	.17	.05	.04

MEAN	218	507	1094	1560	1587	1328	1143	980	382	252	147	188
MAX	2460	3956	6770	4612	4901	4293	3938	10500	3865	4535	1978	1595
(WY)	1986	1958	1983	1947	1966	1995	1995	1953	1989	1989	1955	1958
MIN	16.5	24.1	29.4	37.1	35.4	103	91.9	45.3	30.3	24.8	19.9	17.0
(WY)	1957	2000	1955	2000	2000	1954	1981	1963	1998	1954	2000	1954

CALCASIEU RIVER BASIN

08013000 CALCASIEU RIVER NEAR GLENMORA, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1944 - 2000	
ANNUAL TOTAL	232939		59534		779	
ANNUAL MEAN	638		163		1659	
HIGHEST ANNUAL MEAN					163	
LOWEST ANNUAL MEAN					55900	
HIGHEST DAILY MEAN	16400	Apr 7	2800	Apr 10	15	May 19 1953
LOWEST DAILY MEAN	22	Sep 23	15	Sep 3	15	Oct 7 1954
ANNUAL SEVEN-DAY MINIMUM	22	Sep 22	15	Aug 31	15	Aug 31 2000
INSTANTANEOUS PEAK FLOW			2830	Apr 10	59500	May 19 1953
INSTANTANEOUS PEAK STAGE			13.49	Apr 10	21.55	May 19 1953
INSTANTANEOUS LOW FLOW			a15	Sep 2	b15	Sep 27 1954
INSTANTANEOUS LOW STAGE			4.38	Sep 30		
ANNUAL RUNOFF (AC-FT)	462000		118100		564100	
ANNUAL RUNOFF (CFMS)	1.28		.33		1.56	
ANNUAL RUNOFF (INCHES)	17.37		4.44		21.20	
10 PERCENT EXCEEDS	1990		252		2090	
50 PERCENT EXCEEDS	68		35		165	
90 PERCENT EXCEEDS	24		21		31	

a Also occurred Sep 3-6, and 7.

b Also occurred Sep 28, 1954 and Sep 2, 3-6, and 7, 2000

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.95	4.82	4.86	5.33	5.14	4.90	8.65	5.61	5.41	5.06	4.64	4.42
2	4.92	4.83	4.84	5.26	5.18	4.92	7.91	5.59	5.34	5.14	4.75	4.42
3	4.96	4.81	4.90	5.25	5.27	4.96	10.15	7.03	5.32	6.13	4.65	4.41
4	4.90	4.82	4.91	5.27	5.23	4.90	12.79	8.38	5.26	6.56	4.62	4.40
5	4.85	4.86	4.99	5.31	5.15	4.87	12.88	11.26	5.21	7.61	4.60	4.40
6	4.81	4.85	5.02	5.25	5.08	4.87	12.86	12.29	5.18	8.78	4.59	4.39
7	4.80	4.83	5.14	5.27	5.07	4.85	13.13	12.61	5.13	8.36	4.58	4.41
8	4.89	4.82	5.40	5.27	5.08	4.84	13.28	13.00	5.08	7.34	4.57	4.49
9	6.42	4.81	5.29	5.28	5.04	4.84	13.36	13.09	5.05	6.51	4.56	4.52
10	6.50	4.81	5.19	5.24	5.01	4.84	13.47	12.91	5.03	5.89	4.55	4.53
11	5.93	4.80	5.14	5.18	5.02	5.00	13.29	12.72	5.02	5.60	4.54	4.52
12	5.80	4.80	5.07	5.14	5.05	5.50	12.55	12.18	5.00	6.14	4.53	4.52
13	5.42	4.80	5.09	5.11	5.04	7.24	11.30	9.92	4.97	6.48	4.51	4.58
14	5.20	4.79	5.14	5.08	5.04	8.48	11.31	7.75	4.96	5.90	4.50	4.57
15	5.07	4.79	5.30	5.05	5.03	8.29	11.39	6.96	4.95	5.52	4.50	4.59
16	5.00	4.79	5.53	5.02	5.01	7.61	10.85	6.62	4.95	5.28	4.51	4.74
17	4.99	4.80	5.47	5.02	5.00	6.92	9.57	6.41	4.95	5.12	4.56	4.80
18	4.93	4.78	5.48	5.00	4.98	6.54	8.43	6.20	4.96	5.01	4.56	4.69
19	4.90	4.77	5.70	4.98	4.98	6.57	7.66	6.07	4.96	4.93	4.53	4.61
20	4.88	4.80	5.75	4.97	4.96	6.96	7.11	6.04	5.43	4.86	4.51	4.58
21	4.86	4.79	6.29	4.96	4.96	7.14	6.70	6.05	6.43	4.81	4.49	4.57
22	4.85	4.78	6.68	4.96	4.96	7.93	6.40	5.93	6.38	4.78	4.48	4.54
23	4.84	4.78	6.95	4.97	5.01	8.81	6.18	6.10	5.90	4.76	4.49	4.51
24	4.83	4.78	7.09	4.96	5.06	9.18	6.08	7.03	5.59	4.73	4.49	4.48
25	4.82	4.83	6.84	4.93	5.02	9.16	5.94	7.46	5.41	4.70	4.48	4.46
26	4.82	4.84	6.54	4.90	4.98	8.48	5.86	7.17	5.24	4.67	4.47	4.44
27	4.81	4.84	6.21	4.90	4.97	7.64	5.86	6.58	5.12	4.66	4.46	4.42
28	4.81	4.84	5.93	4.93	4.94	7.29	5.83	6.09	5.04	4.64	4.45	4.41
29	4.81	4.84	5.70	4.94	4.92	7.95	5.72	5.82	5.03	4.62	4.44	4.40
30	4.81	4.86	5.54	4.95	---	8.84	5.67	5.64	4.98	4.61	4.43	4.39
31	4.82	---	5.42	5.04	---	9.05	---	5.50	---	4.60	4.43	---
MAX	6.50	4.86	7.09	5.33	5.27	9.18	13.47	13.09	6.43	8.78	4.75	4.80
MIN	4.80	4.77	4.84	4.90	4.92	4.84	5.67	5.50	4.95	4.60	4.43	4.39

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 right bank on downstream side of bridge on State Highway 26, 3.0 mi northwest of Oberlin, and 15 mi upstream from Whisky Chitto Creek.

DRAINAGE AREA.--753 mi².

PERIOD OF RECORD.--August 1922 to January 1925, September 1938 to current year.

REVISED RECORDS.--WSP 1512: 1923, 1939(M).

GAGE.--Water-stage recorder. Datum of gage is 39.43 ft above sea level. Prior to February 1925 at datum about 2.5 ft higher. September 1938 to Aug. 7, 1939, nonrecording gage at same site and datum.

REMARKS.--Records fair, except for the periods of estimated discharge, which are poor. Due to nature of stream and installation restrictions, lowest recordable stage is 1.73 ft, daily means computed from once-daily gage observer readings; prior to 1998 there were no restrictions. 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.

PEAK DISCHARGES 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)
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No peak greater than base discharge.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e49	e37	32	72	46	57	303	178	109	189	35	22
2	e49	e37	32	67	46	58	358	178	101	588	35	21
3	e44	e36	34	68	47	59	468	667	95	417	36	20
4	e41	e39	36	77	47	60	722	1410	91	335	35	19
5	e38	e37	40	77	49	60	937	2000	98	339	38	19
6	e37	e37	46	66	49	61	1130	1950	92	266	34	18
7	e36	e37	50	62	50	62	1290	1500	86	207	33	20
8	e39	e37	48	60	49	62	1310	1160	83	243	32	22
9	e55	36	46	58	47	62	1310	1050	80	254	32	25
10	72	36	46	57	47	62	1370	1100	77	207	31	29
11	123	34	50	56	46	65	1460	1210	77	157	31	30
12	113	34	50	56	48	67	1550	1280	74	122	30	28
13	93	33	48	54	47	71	1670	1250	73	101	28	35
14	85	31	47	53	49	76	1710	1150	69	97	27	36
15	76	33	49	54	50	107	1450	907	68	108	25	36
16	68	32	48	53	50	192	1100	509	66	98	29	34
17	62	31	48	52	50	241	963	300	68	85	30	31
18	57	30	52	51	50	237	901	232	76	76	28	27
19	54	33	60	48	50	207	757	197	101	68	28	28
20	53	28	65	48	50	179	570	182	119	62	e29	28
21	e50	31	76	48	51	171	437	199	93	58	e29	30
22	e48	31	85	47	52	179	358	177	85	53	e28	29
23	e48	31	90	46	52	200	305	154	97	49	e33	28
24	e44	33	98	46	54	223	280	141	112	47	e30	28
25	e41	32	103	46	54	270	257	134	105	46	e29	28
26	e41	31	111	46	56	316	235	154	97	43	e28	27
27	e40	33	110	46	56	351	215	177	93	40	23	23
28	e39	31	102	47	56	350	201	177	94	38	24	22
29	e38	31	93	47	56	302	192	158	88	36	24	22
30	e37	32	85	47	---	256	185	134	95	35	22	21
31	e37	---	78	47	---	258	---	119	---	35	22	---
TOTAL	1707	1004	1958	1702	1454	4921	23994	20134	2662	4499	918	786
MEAN	55.1	33.5	63.2	54.9	50.1	159	800	649	88.7	145	29.6	26.2
MAX	123	39	111	77	56	351	1710	2000	119	588	38	36
MIN	36	28	32	46	46	57	185	119	66	35	22	18
AC-FT	3390	1990	3880	3380	2880	9760	47590	39940	5280	8920	1820	1560
CFSM	.07	.04	.08	.07	.07	.21	1.06	.86	.12	.19	.04	.03
IN.	.08	.05	.10	.08	.07	.24	1.19	.99	.13	.22	.05	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2000, BY WATER YEAR (WY)

	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
MEAN	327	693	1526	2071	2208	1895	1660	1542	643	505	330	316
MAX	4004	6825	10130	6112	6889	5213	7835	17090	4325	9050	4792	3251
(WY)	1985	1958	1983	1947	1966	1973	1923	1953	1989	1989	1940	1979
MIN	33.1	33.5	55.8	54.9	50.1	159	147	80.5	37.9	37.7	29.6	26.2
(WY)	1957	2000	1955	2000	2000	2000	1981	1963	1998	1998	2000	2000

CALCASIEU RIVER BASIN

08013500 CALCASIEU RIVER NEAR OBERLIN, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR			WATER YEARS 1923 - 2000	
ANNUAL TOTAL	307257		65739			1143	
ANNUAL MEAN	842		180			2409	1983
HIGHEST ANNUAL MEAN						180	2000
LOWEST ANNUAL MEAN						67600	May 20 1953
HIGHEST DAILY MEAN	17000	Apr 10	2000	May 5		18	Sep 6 2000
LOWEST DAILY MEAN	28	Nov 20	18	Sep 6		20	Sep 1 2000
ANNUAL SEVEN-DAY MINIMUM	31	Nov 17	20	Sep 1		72800	May 19 1953
INSTANTANEOUS PEAK FLOW			2070	May 5		26.53	May 19 1953
INSTANTANEOUS PEAK STAGE			9.83	May 5		18	Sep 6 2000
INSTANTANEOUS LOW FLOW			18	Sep 6		al.23	Sep 6 2000
INSTANTANEOUS LOW STAGE			al.23	Sep 6		828000	
ANNUAL RUNOFF (AC-FT)	609400		130400			1.52	
ANNUAL RUNOFF (CFSM)	1.12		.24			20.62	
ANNUAL RUNOFF (INCHES)	15.18		3.25			2970	
10 PERCENT EXCEEDS	2630		358			318	
50 PERCENT EXCEEDS	164		54			58	
90 PERCENT EXCEEDS	37		29				

a From gage observer reading.

e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	1.55	1.95	1.64	1.51	2.98	2.17	2.18	2.77	1.57	1.28
2	---	---	1.55	1.89	1.64	1.51	3.26	2.17	2.11	5.02	1.57	1.27
3	---	---	1.57	1.90	1.65	1.50	3.80	4.54	2.04	4.22	1.57	1.26
4	---	---	1.58	2.00	1.65	1.50	4.90	7.85	2.00	3.81	1.56	1.25
5	---	---	1.63	2.01	1.67	1.50	5.76	9.65	2.07	3.82	1.58	1.24
6	---	---	1.69	1.88	1.67	1.50	6.68	9.52	2.01	3.42	1.54	1.23
7	---	---	1.74	1.83	1.68	1.49	7.41	8.30	1.93	3.09	1.51	1.25
8	---	---	1.71	1.80	1.67	1.48	7.50	7.22	1.90	3.29	1.50	1.28
9	---	1.57	1.68	1.78	1.65	1.47	7.50	6.85	1.87	3.36	1.49	1.32
10	1.96	1.57	1.66	1.77	1.64	1.46	7.75	7.01	1.83	3.09	1.48	1.37
11	2.48	1.56	1.71	1.76	1.62	1.48	8.09	7.39	1.83	2.77	1.47	1.38
12	2.40	1.56	1.70	1.75	1.62	1.49	8.44	7.63	1.79	2.53	1.45	1.36
13	2.22	1.54	1.67	1.74	1.60	1.53	8.80	7.53	1.78	2.36	1.42	1.44
14	2.12	1.51	1.66	1.72	1.61	1.57	8.89	7.20	1.73	2.32	1.40	1.45
15	2.02	1.54	1.67	1.73	1.61	1.89	8.05	6.31	1.72	2.42	1.38	1.45
16	1.92	1.54	1.66	1.72	1.59	2.51	6.54	4.66	1.70	2.33	1.42	1.43
17	1.85	1.53	1.66	1.71	1.58	2.81	5.87	3.61	1.72	2.19	1.42	1.38
18	1.79	1.51	1.71	1.70	1.57	2.77	5.60	3.17	1.82	2.08	1.39	1.33
19	1.76	1.55	1.80	1.66	1.56	2.57	5.03	2.91	2.09	2.00	1.39	1.34
20	1.75	1.49	1.87	1.66	1.55	2.38	4.25	2.80	2.27	1.94	---	1.35
21	---	1.53	2.00	1.66	1.55	2.31	3.63	2.93	2.02	1.88	---	1.36
22	---	1.53	2.10	1.65	1.55	2.35	3.22	2.76	1.92	1.83	---	1.35
23	---	1.54	2.17	1.64	1.54	2.48	2.94	2.58	2.05	1.79	---	1.34
24	---	1.56	2.25	1.64	1.54	2.61	2.80	2.47	2.21	1.76	---	1.34
25	---	1.55	2.31	1.64	1.54	2.88	2.67	2.40	2.14	1.74	---	1.33
26	---	1.53	2.37	1.64	1.55	3.12	2.53	2.57	2.07	1.70	---	1.32
27	---	1.56	2.37	1.64	1.54	3.30	2.41	2.76	2.02	1.66	1.30	1.27
28	---	1.55	2.30	1.65	1.52	3.29	2.32	2.76	2.03	1.63	1.31	1.25
29	---	1.54	2.20	1.65	1.51	3.01	2.26	2.60	1.95	1.60	1.31	1.24
30	---	1.56	2.11	1.65	---	2.73	2.22	2.40	2.03	1.58	1.29	1.23
31	---	---	2.02	1.65	---	2.74	---	2.28	---	1.58	1.28	---
MAX	---	---	2.37	2.01	1.68	3.30	8.89	9.65	2.27	5.02	---	1.45
MIN	---	---	1.55	1.64	1.51	1.46	2.22	2.17	1.70	1.58	---	1.23

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA

LOCATION.--Lat 30°41'55", long 92°53'35", in NE 1/4 NE 1/4 sec. 20, T. 4 S., R. 5 W., Allen Parish, Hydrologic Unit 08080204, near left bank on downstream side of bridge on State Highway 26, 1.0 mi downstream from Tenmile Creek, 8.0 mi upstream from Bundick Creek, and 10 mi northwest of Oberlin.

DRAINAGE AREA.--510 mi².

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 sea level. Prior to Oct. 19, 1944, nonrecording gage at same site and datum.

REMARKS.--Records good. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1886 reached a stage of 25.7 ft, from floodmarks preserved by local residents.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
No peak greater than base discharge.							

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	178	146	145	170	175	143	284	308	200	628	115	94.5
2	195	144	142	167	165	141	286	312	190	628	112	99.4
3	186	149	144	167	158	137	397	456	184	304	112	94.5
4	170	155	144	171	155	135	1690	1370	179	470	114	92.3
5	160	150	156	174	151	134	2130	2050	181	350	117	89.7
6	155	146	161	193	150	132	2280	2370	179	257	114	87.4
7	153	143	202	197	148	131	1990	2460	173	211	111	87.1
8	163	142	239	185	148	131	1080	2450	169	189	110	92.0
9	272	142	195	176	146	129	638	1400	169	176	109	98.8
10	417	140	174	171	147	129	529	630	165	167	108	99.5
11	467	139	164	168	151	138	468	445	161	162	106	109
12	306	138	163	166	151	145	440	378	161	152	109	109
13	224	137	164	163	149	407	662	339	160	145	107	115
14	190	137	174	159	146	438	1410	313	165	141	110	217
15	174	137	273	157	145	281	1500	301	162	137	119	331
16	165	136	264	156	144	229	880	297	155	132	113	225
17	159	135	210	153	146	214	626	278	157	127	110	176
18	153	135	196	152	145	258	530	261	173	124	106	151
19	151	135	193	152	142	254	469	247	218	121	103	133
20	149	136	275	151	141	229	427	267	393	119	101	123
21	147	138	386	151	143	268	396	364	422	117	101	118
22	147	137	323	151	154	347	375	375	291	115	105	115
23	150	135	383	149	152	296	358	396	231	113	106	112
24	148	134	334	148	145	286	361	304	203	116	98.9	109
25	146	142	257	147	141	301	374	262	187	118	98.1	109
26	145	144	220	147	140	278	423	239	177	117	98.0	108
27	144	147	201	148	139	262	412	225	165	115	99.0	108
28	143	151	190	150	138	255	364	214	167	115	98.5	106
29	142	153	182	150	140	267	337	207	154	115	96.4	104
30	141	151	177	157	---	318	320	201	160	114	94.4	103
31	145	---	173	183	---	302	---	201	---	115	93.0	---
TOTAL	5785	4254	6604	5029	4295	7115	22436	19920	5851	6010	3294.3	3716.2
MEAN	187	142	213	162	148	230	748	643	195	194	106	124
MAX	467	155	386	197	175	438	2280	2460	422	628	119	331
MIN	141	134	142	147	138	129	284	201	154	113	93.0	87.1
AC-FT	11470	8440	13100	9980	8520	14110	44500	39510	11610	11920	6530	7370
CFSM	.37	.28	.42	.32	.29	.45	1.47	1.26	.38	.38	.21	.24
IN.	.42	.31	.48	.37	.31	.52	1.64	1.45	.43	.44	.24	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2000, BY WATER YEAR (WY)

	394	645	1089	1251	1311	1194	1073	1086	643	486	401	375
MEAN	394	645	1089	1251	1311	1194	1073	1086	643	486	401	375
MAX	2877	4075	6076	3781	3326	3354	3630	12090	4192	4063	4264	2314
(WY)	1985	1958	1983	1974	1984	1995	1949	1953	1989	1989	1940	1958
MIN	99.1	135	144	162	148	230	228	189	155	126	106	115
(WY)	1957	1955	1955	2000	2000	2000	1963	1963	1970	1970	2000	1954

CALCASIEU RIVER BASIN

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1940 - 2000	
ANNUAL TOTAL	233235		94309.5		827	
ANNUAL MEAN	639		258		1643	1953
HIGHEST ANNUAL MEAN					258	2000
LOWEST ANNUAL MEAN					108000	May 19 1953
HIGHEST DAILY MEAN	14800	Apr 6	2460	May 7	87.1	Sep 7 2000
LOWEST DAILY MEAN	134	Nov 24	87.1	Sep 7	90	Oct 14 1956
ANNUAL SEVEN-DAY MINIMUM	136	Nov 18	92	Sep 3	144000	May 18 1953
INSTANTANEOUS PEAK FLOW			2590	May 8	32.80	May 18 1953
INSTANTANEOUS PEAK STAGE			10.26	May 8	a86	Sep 6 2000
INSTANTANEOUS LOW FLOW			a86	Sep 6	a1.92	Sep 6 2000
INSTANTANEOUS LOW STAGE			a1.92	Sep 6	599000	1.62
ANNUAL RUNOFF (AC-FT)	462600		187100		22.03	1830
ANNUAL RUNOFF (CFSM)	1.25		.51		368	164
ANNUAL RUNOFF (INCHES)	17.01		6.88			
10 PERCENT EXCEEDS	1130		400			
50 PERCENT EXCEEDS	305		157			
90 PERCENT EXCEEDS	147		109			

a Also occurred Sep 7, 2000.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.77	2.65	2.64	2.81	2.84	2.63	2.84	2.83	2.76	4.61	2.16	1.99
2	2.89	2.64	2.62	2.79	2.78	2.61	2.82	2.85	2.70	4.80	2.14	2.03
3	2.82	2.68	2.64	2.79	2.74	2.59	3.27	3.47	2.65	3.39	2.13	1.99
4	2.72	2.72	2.64	2.82	2.72	2.57	7.51	6.55	2.62	4.21	2.15	1.97
5	2.65	2.68	2.73	2.83	2.69	2.56	8.73	8.54	2.63	3.65	2.18	1.95
6	2.62	2.65	2.76	2.95	2.68	2.55	9.23	9.54	2.62	3.11	2.15	1.93
7	2.61	2.63	3.00	2.98	2.67	2.54	8.37	9.84	2.58	2.83	2.13	1.93
8	2.67	2.62	3.20	2.90	2.67	2.54	5.67	10.09	2.55	2.69	2.12	1.97
9	3.30	2.62	2.96	2.85	2.66	2.53	4.20	7.32	2.56	2.60	2.11	2.02
10	3.98	2.61	2.84	2.81	2.66	2.53	3.78	4.83	2.53	2.54	2.10	2.02
11	4.20	2.60	2.77	2.79	2.69	2.60	3.53	4.11	2.50	2.51	2.08	2.09
12	3.52	2.59	2.77	2.78	2.69	2.65	3.42	3.79	2.50	2.44	2.11	2.10
13	3.12	2.59	2.77	2.77	2.67	3.93	4.24	3.59	2.49	2.39	2.09	2.15
14	2.94	2.59	2.83	2.75	2.66	4.08	6.70	3.46	2.53	2.35	2.12	2.83
15	2.84	2.58	3.36	2.73	2.65	3.40	6.94	3.39	2.51	2.33	2.20	3.55
16	2.78	2.58	3.32	2.73	2.64	3.10	5.03	3.36	2.46	2.29	2.14	2.93
17	2.74	2.57	3.05	2.71	2.65	2.99	4.16	3.25	2.47	2.26	2.11	2.60
18	2.71	2.57	2.97	2.70	2.65	3.19	3.78	3.14	2.58	2.23	2.08	2.41
19	2.69	2.57	2.95	2.70	2.62	3.13	3.54	3.06	2.87	2.21	2.06	2.27
20	2.67	2.58	3.37	2.69	2.62	2.96	3.37	3.17	3.85	2.20	2.05	2.20
21	2.66	2.59	3.87	2.69	2.63	3.13	3.23	3.72	4.00	2.18	2.05	2.16
22	2.66	2.58	3.60	2.69	2.71	3.49	3.14	3.77	3.32	2.16	2.07	2.13
23	2.68	2.57	3.85	2.68	2.70	3.21	3.06	3.88	2.95	2.14	2.08	2.10
24	2.67	2.57	3.64	2.67	2.65	3.13	3.07	3.40	2.78	2.17	2.03	2.08
25	2.66	2.62	3.29	2.66	2.62	3.17	3.13	3.15	2.67	2.19	2.02	2.07
26	2.65	2.64	3.11	2.66	2.61	3.01	3.35	3.00	2.60	2.18	2.02	2.06
27	2.64	2.66	3.00	2.66	2.60	2.90	3.30	2.92	2.53	2.16	2.03	2.06
28	2.63	2.69	2.93	2.68	2.59	2.82	3.09	2.85	2.54	2.16	2.03	2.04
29	2.62	2.71	2.88	2.68	2.60	2.85	2.97	2.81	2.46	2.16	2.01	2.03
30	2.62	2.69	2.86	2.73	---	3.09	2.89	2.76	2.49	2.15	1.99	2.02
31	2.64	---	2.83	2.89	---	2.97	---	2.76	---	2.16	1.98	---
MAX	4.20	2.72	3.87	2.98	2.84	4.08	9.23	10.09	4.00	4.80	2.20	3.55
MIN	2.61	2.57	2.62	2.66	2.59	2.53	2.82	2.76	2.46	2.14	1.98	1.93

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1949, 1955-57, 1966-69, 1998 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DEPTH BOTTOM AT SAMPLE LOC- ATION, (FEET) (81903)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)				
OCT											
07...	1115	--	61	6.6	19.0	--	12				
NOV											
03...	0815	--	59	7.3	14.4	--	11				
DEC											
09...	0845	--	53	6.7	13.1	9.9	10				
JAN											
19...	1330	--	57	7.0	17.4	9.9	11				
19...	1337	1.00	50	7.2	17.6	10.0	--				
19...	1340	1.00	58	7.0	17.4	9.9	--				
19...	1345	.20	58	7.0	17.4	9.8	--				
19...	1347	2.50	58	7.0	17.4	9.8	--				
FEB											
10...	0900	--	58	7.2	12.6	11.0	12				
MAR											
09...	0845	--	60	7.3	19.8	8.4	11				
APR											
05...	0800	--	35	6.3	16.0	8.7	8				
MAY											
10...	0815	--	41	6.7	22.5	6.7	10				
JUN											
21...	0830	--	44	6.8	24.5	7.3	10				
JUL											
19...	0830	--	59	6.9	27.5	7.7	12				
AUG											
23...	1115	--	58	7.1	25.9	8.2	11				
SEP											
29...	0830	--	66	7.1	18.2	8.8	12				

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
OCT												
07...	3.00	40	.99	54	6.7	1.5	19	5.8	<.1	1.6	<.020	.10
NOV												
03...	2.93	40	.96	38	6.6	1.4	18	6.1	<.1	1.1	<.020	E.10
DEC												
09...	2.65	150	.84	31	5.9	1.3	13	6.2	<.1	1.9	<.020	.22
JAN												
19...	2.84	200	.96	43	6.3	1.3	15	6.0	<.1	1.3	<.020	.17
FEB												
10...	3.02	110	.98	42	6.4	1.2	16	6.2	<.1	1.4	<.020	.17
MAR												
09...	2.91	190	1.01	55	6.7	1.5	18	6.3	<.1	1.3	<.020	<.10
APR												
05...	2.08	320	.74	190	2.2	1.7	3	2.8	<.1	4.6	<.020	.73
MAY												
10...	2.52	260	.91	228	2.8	1.0	6	3.5	<.1	--	<.020	--
JUN												
21...	3.10	240	.66	34	3.5	1.0	--	4.3	<.1	4.3	<.020	.60
JUL												
19...	3.17	150	1.05	103	6.4	1.4	20	5.7	<.1	1.5	<.020	.20
AUG												
23...	2.85	190	.99	88	6.4	1.5	19	5.6	<.1	1.2	<.020	.22
SEP												
29...	3.22	210	1.06	67	7.0	1.6	19	6.1	<.1	2.7	<.020	.22

CALCASIEU RIVER BASIN

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	2,4-D, DIS- SOLVED (UG/L) (39732)
OCT 07...	M	.055	.038	.015	.014	26.1	67	--	--	.5	<.1	<.08
NOV 03...	E.10	<.050	.032	.009	<.010	27.1	73	--	--	.4	<.1	<.08
DEC 09...	.12	<.050	.040	.019	<.010	19.6	53	K220	K180	.9	<.1	<.08
JAN 19...	E.10	<.050	.038	.018	.020	23.3	62	260	190	.7	<.1	<.08
FEB 10...	E.10	<.050	.031	.013	.014	25.2	58	140	140	.5	<.1	<.08
MAR 09...	.14	.053	.050	.022	.018	24.6	67	240	K56	.7	<.1	<.08
APR 05...	.47	.108	.105	.019	.015	4.8	--	K4500	K2200	.3	<.1	E.03
MAY 10...	.37	<.050	.056	.016	<.010	10.1	--	98	--	.3	<.1	<.08
JUN 21...	.29	.062	.081	.024	.013	11.1	--	130	--	--	--	<.08
JUL 19...	E.10	<.050	.053	.021	.014	25.9	61	--	--	--	--	<.08
AUG 23...	.11	<.050	.056	.025	.018	25.6	62	--	--	.8	E.1	<.08
SEP 29...	E.10	<.050	.064	.027	.022	26.3	68	K21	--	--	--	<.08
DATE	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, GF 0.7U REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
OCT 07...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
NOV 03...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
DEC 09...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
JAN 19...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
FEB 10...	<.05	<.06	<.06	<.16	--	<.08	<.02	<.08	<.06	<.06	<.04	<.07
MAR 09...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
APR 05...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
MAY 10...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
JUN 21...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
JUL 19...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
AUG 23...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07
SEP 29...	<.05	<.06	<.06	<.16	<.03	<.08	<.02	<.08	<.06	<.06	<.04	<.07

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
OCT 07...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
NOV 03...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
DEC 09...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
JAN 19...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
FEB 10...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
MAR 09...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
APR 05...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
MAY 10...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
JUN 21...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
JUL 19...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
AUG 23...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
SEP 29...	<.10	<.05	<.04	<.08	<.07	<.06	<.07	<.06	<.06	<.08	<.08	<.07
DATE	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)
OCT 07...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.6	.2	<.003	<.002	<.002
NOV 03...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	1.8	.3	<.003	<.002	<.002
DEC 09...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	4.4	.3	<.003	<.002	<.002
JAN 19...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.0	.2	<.003	<.002	<.002
FEB 10...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.0	.3	<.003	<.002	<.002
MAR 09...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.2	.4	<.003	<.002	<.002
APR 05...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	14	>4.0	<.003	<.002	<.002
MAY 10...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	13	1.0	<.003	<.002	<.002
JUN 21...	<.08	<.07	<.02	<.07	<.07	<.06	E.07	9.7	1.8	<.003	<.002	<.002
JUL 19...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.4	.3	<.003	<.002	<.002
AUG 23...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.1	.5	<.003	<.002	<.002
SEP 29...	<.08	<.07	<.02	<.07	<.07	<.06	<.10	2.4	.2	<.002	<.004	<.002

CALCASIEU RIVER BASIN

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)
OCT 07...	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
NOV 03...	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
DEC 09...	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
JAN 19...	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
FEB 10...	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
MAR 09...	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
APR 05...	<.002	.006	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	.010
MAY 10...	<.002	.006	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.004	<.005
JUN 21...	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
JUL 19...	<.002	<.001	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
AUG 23...	<.002	E.003	<.002	<.002	<.003	<.003	<.004	<.004	<.002	<.002	<.002
SEP 29...	<.005	E.002	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005
DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
OCT 07...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
NOV 03...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
DEC 09...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JAN 19...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
FEB 10...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAR 09...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
APR 05...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
MAY 10...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.010	<.006
JUN 21...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
JUL 19...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
AUG 23...	<.001	<.017	<.002	<.004	<.003	<.003	<.004	<.002	<.005	<.001	<.006
SEP 29...	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U (UG/L) (82684)	P, P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
OCT 07...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
NOV 03...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
DEC 09...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JAN 19...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
FEB 10...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
MAR 09...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
APR 05...	<.005	<.004	.007	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
MAY 10...	<.006	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JUN 21...	<.005	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
JUL 19...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
AUG 23...	<.002	<.004	<.004	<.003	<.006	<.004	<.004	<.004	<.005	<.002	<.018
SEP 29...	<.013	<.006	<.002	<.007	<.002	<.007	<.002	<.010	<.006	<.011	<.015
DATE	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
OCT 07...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
NOV 03...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
DEC 09...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
JAN 19...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
FEB 10...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
MAR 09...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
APR 05...	<.003	<.007	<.004	<.013	E.005	<.010	<.007	<.013	<.002	<.001	<.002
MAY 10...	<.003	<.007	<.004	<.013	<.006	<.010	<.007	<.013	<.002	<.001	<.002
JUN 21...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
JUL 19...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
AUG 23...	<.003	<.007	<.004	<.013	<.005	<.010	<.007	<.013	<.002	<.001	<.002
SEP 29...	<.004	<.010	<.011	<.023	<.011	<.016	<.034	<.017	<.005	<.002	<.009

E Estimated value.

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

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

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

M Presence of material verified but not quantified.

CALCASIEU RIVER BASIN

08015500 CALCASIEU RIVER NEAR KINDER, LA

LOCATION.--Lat 30°30'10", long 92°54'55", in NW 1/4 SE 1/4 sec. 30, T. 6 S., R. 5 W., Allen Parish, Hydrologic Unit 08080203, near center of span on downstream side of bridge on U.S. Highway 190, 0.5 mi downstream from Whisky Chitto Creek, and 4.0 mi west of Kinder.

DRAINAGE AREA.--1,700 mi².

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 sea level. August 1922 to January 1925, water-stage recorder 400 ft downstream at datum 1.77 ft higher. October 1938 to July 9, 1939, nonrecording gage at present site and datum.

REMARKS.--Records good. Prior to November, 1981, paper mill at Elizabeth pumped about 11 ft³/s from wells which was later discharged into Mill Creek 36 mi above station. Water is diverted during period April to September at points just above station and 5.0 mi above station for the irrigation of about 7,500 acres of rice, part of which is below station. The maximum rate of withdrawal is about 100 ft³/s and this diversion results in marked regulation of the low-water flow.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	360	285	240	383	320	236	622	641	435	863	238	169
2	367	285	230	364	312	256	688	638	394	2590	226	180
3	374	290	239	365	304	244	1370	1810	382	3160	225	174
4	361	292	256	377	298	230	2000	3440	363	2220	230	163
5	341	283	297	398	294	243	3160	4290	367	1730	226	158
6	320	261	305	394	294	232	3660	4920	378	1320	230	157
7	310	249	316	378	293	235	4020	5080	357	1010	228	157
8	325	244	380	372	292	216	3820	4830	339	840	214	157
9	457	236	404	355	289	228	2900	4500	329	801	215	160
10	650	234	357	342	286	238	2400	3350	317	738	215	164
11	795	239	329	329	288	280	2320	2480	304	636	215	171
12	823	234	321	326	293	312	2350	2290	293	532	208	211
13	687	234	331	319	292	343	2500	2230	279	457	221	367
14	567	233	334	309	290	670	3100	2110	271	408	230	288
15	490	229	359	306	284	653	3560	1920	273	389	221	439
16	438	225	480	295	35	600	3210	1510	266	388	221	483
17	396	222	454	290	279	645	2310	1060	273	358	214	357
18	367	221	450	289	271	669	1910	837	331	329	212	293
19	348	219	443	288	255	695	1680	713	376	311	202	254
20	335	223	469	284	271	622	1410	731	546	295	198	226
21	323	226	716	281	260	552	1170	970	893	288	198	209
22	310	233	761	279	238	616	1000	1140	1010	274	199	209
23	304	228	715	272	254	699	886	1150	827	265	204	211
24	297	222	754	268	250	659	823	1050	651	251	201	209
25	293	247	680	274	243	669	795	835	563	242	194	203
26	284	255	599	265	235	721	790	699	477	239	190	199
27	280	251	555	266	238	760	829	658	424	232	187	194
28	275	246	517	275	252	765	803	637	393	225	187	183
29	272	247	477	281	257	718	738	594	470	216	184	183
30	268	245	439	287	---	652	685	524	513	217	177	181
31	273	---	408	295	---	644	---	446	---	231	170	---
TOTAL	12290	7338	13615	9806	8017	15302	57509	58083	13094	22055	6480	6709
MEAN	396	245	439	316	276	494	1917	1874	436	711	209	224
MAX	823	292	761	398	320	765	4020	5080	1010	3160	238	483
MIN	268	219	230	265	235	216	622	446	266	216	170	157
AC-FT	24380	14550	27010	19450	15900	30350	114100	115200	25970	43750	12850	13310

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2000, BY WATER YEAR (WY)

	MEAN	988	1609	3621	4405	4558	4087	3671	3551	1875	1438	1018	897
MAX	9258	9475	20030	12880	11760	11880	14730	36390	9601	20130	12370	7285	
(WY)	1985	1986	1983	1998	1950	1995	1923	1953	1950	1989	1940	1979	
MIN	235	245	308	300	276	494	472	378	289	265	209	224	
(WY)	1957	2000	1955	1981	2000	2000	1981	1963	1948	1956	2000	2000	

CALCASIEU RIVER BASIN

437

08015500 CALCASIEU RIVER NEAR KINDER, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1923 - 2000	
ANNUAL TOTAL	719365		230298		2640	
ANNUAL MEAN	1971		629		4979	1983
HIGHEST ANNUAL MEAN					629	2000
LOWEST ANNUAL MEAN					166000	May 20 1953
HIGHEST DAILY MEAN	24200	Apr 7	5080	May 7	140	Aug 15 1956
LOWEST DAILY MEAN	219	Nov 19	157	Sep 6	159	Sep 4 2000
ANNUAL SEVEN-DAY MINIMUM	224	Nov 15	159	Sep 4	182000	May 19 1953
INSTANTANEOUS PEAK FLOW			5130	May 7	32.00	May 19 1953
INSTANTANEOUS PEAK STAGE			12.33	May 7	136	Aug 15 1956
INSTANTANEOUS LOW FLOW			a156	Sep 6	a1.00	Sep 6 2000
INSTANTANEOUS LOW STAGE			a1.00	Sep 6		
ANNUAL RUNOFF (AC-FT)	1427000		456800		1913000	
10 PERCENT EXCEEDS	5090		1340		6130	
50 PERCENT EXCEEDS	726		316		1030	
90 PERCENT EXCEEDS	271		212		325	

a Also occurred Sep 7, 2000.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.85	1.71	1.69	2.13	1.86	1.47	2.56	2.26	2.10	3.45	1.39	1.06
2	1.86	1.71	1.65	2.07	1.83	1.53	2.76	2.25	1.98	8.11	1.34	1.10
3	1.89	1.73	1.68	2.07	1.80	1.49	4.75	5.59	1.94	9.42	1.34	1.08
4	1.83	1.74	1.73	2.11	1.79	1.43	6.37	9.51	1.87	7.29	1.36	1.04
5	1.76	1.72	1.88	2.18	1.77	1.48	8.93	11.10	1.88	5.99	1.34	1.03
6	1.70	1.65	1.91	2.15	1.77	1.43	9.96	12.07	1.92	4.84	1.35	1.01
7	1.67	1.61	1.94	2.10	1.76	1.44	10.64	12.28	1.84	3.92	1.34	1.01
8	1.73	1.60	2.16	2.08	1.76	1.36	10.26	11.99	1.78	3.40	1.28	1.01
9	2.20	1.57	2.24	2.02	1.75	1.40	8.38	11.55	1.74	3.28	1.29	1.03
10	2.89	1.57	2.07	1.98	1.73	1.43	7.28	9.75	1.70	3.08	1.29	1.05
11	3.39	1.59	1.97	1.93	1.74	1.57	7.05	7.97	1.66	2.75	1.28	1.07
12	3.49	1.58	1.95	1.92	1.75	1.67	7.14	7.50	1.62	2.41	1.25	1.23
13	3.03	1.58	1.98	1.89	1.74	1.77	7.52	7.32	1.57	2.17	1.30	1.83
14	2.61	1.59	1.99	1.85	1.73	2.79	8.80	7.01	1.54	2.02	1.34	1.54
15	2.35	1.58	2.08	1.84	1.71	2.74	9.76	6.50	1.55	1.96	1.30	2.07
16	2.16	1.56	2.48	1.80	1.70	2.57	9.03	5.37	1.52	1.95	1.29	2.22
17	2.02	1.56	2.39	1.79	1.68	2.70	7.02	4.08	1.55	1.85	1.27	1.80
18	1.92	1.56	2.37	1.78	1.65	2.77	5.95	3.39	1.75	1.74	1.26	1.56
19	1.86	1.56	2.35	1.77	1.59	2.85	5.33	3.01	1.91	1.68	1.21	1.42
20	1.82	1.57	2.44	1.76	1.64	2.62	4.59	3.06	2.46	1.63	1.19	1.31
21	1.78	1.60	3.25	1.75	1.60	2.39	3.88	3.80	3.57	1.59	1.18	1.25
22	1.74	1.62	3.39	1.74	1.51	2.59	3.39	4.32	3.93	1.54	1.18	1.24
23	1.73	1.61	3.24	1.72	1.57	2.84	3.03	4.35	3.36	1.51	1.21	1.26
24	1.71	1.59	3.37	1.70	1.54	2.72	2.84	4.03	2.81	1.46	1.20	1.25
25	1.70	1.69	3.13	1.72	1.52	2.74	2.75	3.38	2.51	1.42	1.16	1.23
26	1.68	1.72	2.86	1.69	1.48	2.89	2.73	2.96	2.24	1.40	1.14	1.21
27	1.67	1.71	2.71	1.69	1.49	3.01	2.86	2.83	2.07	1.38	1.13	1.18
28	1.66	1.70	2.59	1.72	1.54	3.02	2.78	2.76	1.97	1.35	1.13	1.13
29	1.65	1.71	2.46	1.74	1.55	2.87	2.58	2.62	2.22	1.31	1.12	1.14
30	1.64	1.70	2.32	1.76	---	2.67	2.41	2.39	2.35	1.32	1.09	1.13
31	1.66	---	2.22	1.78	---	2.63	---	2.14	---	1.37	1.06	---
MAX	3.49	1.74	3.39	2.18	1.86	3.02	10.64	12.28	3.93	9.42	1.39	2.22
MIN	1.64	1.56	1.65	1.69	1.48	1.36	2.41	2.14	1.52	1.31	1.06	1.01

CALCASIEU RIVER BASIN

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 elevation, 2.94 ft, Apr. 14, May 4, 1999; minimum, -1.46 ft, Dec. 27, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.68 ft, Oct. 7; minimum elevation, -1.46 ft, Dec. 27.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.00	1.04	1.64	1.41	-.03	.82	1.39	.81	1.09	.65	-.71	.13
2	2.19	1.06	1.77	.97	-1.05	-.10	2.07	.96	1.57	.80	-.11	.37
3	2.21	.85	1.68	1.30	-.93	.44	2.51	1.46	2.04	1.10	-.19	.47
4	2.05	.71	1.55	1.41	.49	.98	2.34	1.17	1.77	.75	-1.25	-.18
5	1.57	.66	1.26	1.28	.32	.86	1.90	.20	.96	.79	-.62	.01
6	2.05	.63	1.45	1.37	.29	.92	.98	-.85	.12	1.43	-.10	.78
7	2.68	1.04	1.90	1.28	.06	.80	1.72	.26	1.09	1.42	-.27	.77
8	2.65	1.61	2.16	1.32	.12	.88	1.98	.71	1.49	1.27	-.08	.74
9	2.35	1.50	1.94	1.46	.16	.93	1.90	.62	1.32	1.06	-.66	.38
10	1.95	.96	1.53	1.61	.37	1.15	1.44	-.66	.36	.93	-.42	.35
11	1.80	.67	1.29	1.61	.41	1.16	1.86	.34	1.07	.86	-.28	.43
12	1.97	.76	1.38	1.57	.06	.84	2.05	.88	1.57	.93	-.35	.36
13	1.96	.69	1.41	1.50	.28	1.00	1.61	-1.10	.10	.97	-.18	.45
14	1.88	.44	1.23	1.57	.23	1.01	1.09	-.08	.44	1.49	-.60	.31
15	1.83	.78	1.41	1.30	-.22	.57	1.18	-.84	.08	1.68	.92	1.30
16	1.89	.79	1.46	1.18	.41	.86	1.19	.10	.57	1.41	.23	.71
17	1.89	.29	1.22	1.50	.52	1.01	1.33	.39	.79	.89	-.42	.38
18	1.06	.15	.69	1.57	.83	1.25	1.38	.24	.76	.90	-.72	.28
19	1.14	-.58	.44	1.71	.68	1.18	1.07	-.30	.50	.81	-.78	.23
20	.58	-.58	.12	1.62	.50	1.10	1.37	.07	.60	.70	-1.31	.03
21	1.24	.20	.82	1.83	.44	1.17	1.27	-.42	.62	1.13	-.41	.50
22	1.53	.20	.93	2.00	.74	1.51	1.09	-.67	.44	1.67	.31	1.08
23	1.10	-.24	.56	2.10	.56	1.46	1.56	-.24	.86	1.27	-.80	.27
24	1.40	.02	.68	1.39	-.43	.58	1.17	-1.01	.22	.62	-1.20	-.26
25	1.38	.01	.79	1.27	-.40	.58	.77	-.79	.11	.95	-.20	.34
26	1.38	.00	.82	1.27	-.34	.54	.77	-.92	.11	.84	.00	.31
27	1.36	-.08	.78	1.41	-.02	.83	.33	-1.46	-.50	1.54	.18	.90
28	1.52	.05	.85	1.44	.11	.88	.07	-.95	-.60	1.36	-.27	.26
29	1.85	.56	1.30	1.31	-.27	.52	.25	-.70	-.20	.42	-.82	-.09
30	1.82	.75	1.44	.81	-.14	.39	.43	-.38	.05	.55	-.79	.00
31	1.82	.13	1.01	---	---	---	.64	-.45	.13	1.04	-.30	.47
MONTH	2.68	-.58	1.21	2.10	-1.05	.87	2.51	-1.46	.63	1.68	-1.31	.39

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.10	-.11	.70	1.38	.26	.94	2.11	1.07	1.59	2.60	1.19	1.76
2	1.15	-.37	.56	.93	-.28	.44	2.05	.91	1.45	2.20	1.01	1.65
3	.96	-.56	.36	1.22	.05	.71	1.86	.71	1.32	2.65	.79	1.90
4	.57	-1.09	-.05	.77	-.73	.14	.71	-.64	.02	2.48	1.30	1.92
5	.69	-1.03	-.07	1.16	-.23	.62	1.46	-.25	.76	2.59	1.18	1.99
6	.96	-.58	.32	1.47	.47	1.07	1.68	.49	1.17	2.45	1.26	2.00
7	.85	-.46	.30	1.58	.47	1.04	1.81	.33	1.28	2.42	1.25	1.92
8	.64	-.64	.11	1.65	.55	1.06	1.29	-.29	.22	2.30	1.03	1.78
9	.49	-.61	-.01	1.42	.36	.91	1.81	-.79	.72	2.36	.96	1.75
10	.57	-.44	.11	1.56	.24	1.02	2.10	.65	1.51	2.09	.69	1.47
11	.57	-.31	.09	1.15	-.10	.34	1.90	.79	1.29	2.35	1.09	1.72
12	.59	-.48	.20	1.66	-.59	.59	1.71	.17	1.01	2.33	1.53	1.93
13	1.11	-.49	.39	1.64	.47	1.09	1.36	.21	.89	1.89	.77	1.42
14	1.13	.09	.70	1.69	.28	1.10	1.41	.12	.79	1.53	.64	1.00
15	1.25	-.30	.51	1.94	.63	1.37	1.73	.55	1.11	1.76	.68	1.22
16	1.45	.03	.83	1.80	.46	1.22	1.78	.96	1.35	1.85	.77	1.40
17	1.36	.00	.76	1.64	-.04	1.00	1.50	.78	1.13	2.29	.74	1.74
18	1.42	.22	.95	1.76	.29	1.18	1.55	.50	.89	2.64	1.23	2.05
19	1.21	-.42	.62	1.86	.06	1.01	---	---	---	2.19	1.31	1.76
20	1.11	-.31	.58	1.64	.22	.99	---	---	---	1.98	.87	1.44
21	1.33	.12	.80	2.12	.93	1.63	---	---	---	1.75	.36	1.13
22	1.34	.21	.79	2.24	1.13	1.61	1.91	-.42	.91	1.72	.28	1.08
23	1.15	.46	.84	1.87	.68	1.26	2.65	.86	1.86	1.85	.29	1.22
24	1.06	.07	.50	1.70	.49	1.17	2.31	.77	1.30	1.90	.67	1.31
25	1.54	.53	1.13	1.64	.39	1.11	1.42	-.13	.83	2.22	.71	1.43
26	1.54	.79	1.13	1.43	.17	.90	1.68	.23	1.02	2.40	1.28	1.81
27	.99	.01	.55	1.32	-.07	.78	1.58	.23	.92	2.33	1.42	1.89
28	1.40	.08	.84	1.81	.28	1.08	1.40	.24	.85	1.92	.55	1.36
29	1.60	.62	1.13	1.99	.68	1.48	1.60	.13	.82	1.45	.25	.93
30	---	---	---	1.60	.37	.98	2.23	1.00	1.56	1.44	.21	.95
31	---	---	---	1.56	-.16	.77	---	---	---	1.78	.13	1.20
MONTH	1.60	-1.09	.54	2.24	-.73	.99	---	---	---	2.65	.13	1.55
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.97	.44	1.41	1.63	-.02	1.05	1.56	-.03	.93	1.42	.47	.85
2	1.87	.37	1.30	1.79	.04	1.20	1.59	.03	.95	1.14	-.08	.58
3	1.73	.17	1.14	1.96	.40	1.43	1.51	.35	.99	.99	-.31	.30
4	1.82	.00	1.07	2.07	.55	1.52	1.31	.19	.79	.96	-.15	.55
5	1.63	-.02	.98	2.02	.71	1.47	1.09	.22	.62	1.31	.09	.84
6	1.03	-.52	.47	1.78	.56	1.24	1.13	.28	.75	1.47	.37	.97
7	1.69	-.47	.79	1.53	.50	.97	1.39	.39	.99	1.77	.47	1.39
8	1.80	.58	1.28	1.35	.39	.89	1.81	.54	1.31	1.74	.47	1.34
9	1.99	.58	1.37	1.52	.50	1.03	1.72	.29	1.18	2.52	.82	1.92
10	2.18	1.13	1.62	1.60	.23	1.17	1.59	.00	1.01	2.22	.87	1.71
11	2.03	.84	1.59	1.51	.12	1.00	1.52	-.03	.99	1.91	.78	1.49
12	1.79	.39	1.24	1.49	-.04	.89	1.34	.01	.80	2.21	.76	1.66
13	1.69	.39	1.26	1.30	-.14	.70	1.33	-.04	.90	1.93	1.07	1.52
14	2.04	.63	1.50	1.19	-.35	.56	1.75	.13	1.15	1.86	.89	1.43
15	1.87	.67	1.39	1.06	-.56	.48	1.59	.43	1.11	1.57	.70	1.10
16	2.17	.73	1.64	1.29	-.42	.72	1.26	.17	.74	1.87	.51	1.04
17	2.39	1.06	1.85	1.34	-.21	.79	1.20	-.02	.68	2.00	.75	1.32
18	2.09	.79	1.52	1.25	-.13	.79	1.10	.15	.71	2.03	1.03	1.56
19	2.09	.63	1.49	1.19	-.10	.69	1.10	.12	.57	2.25	1.21	1.86
20	2.12	.74	1.58	1.01	-.23	.58	1.10	.11	.65	2.20	.60	1.60
21	2.02	.87	1.50	1.07	-.14	.61	1.06	.06	.68	1.79	.46	1.29
22	1.57	.47	1.01	1.13	.13	.74	1.17	.02	.78	2.25	.78	1.68
23	1.39	.25	.86	1.35	.40	.85	1.50	.20	1.10	2.13	.77	1.69
24	1.53	.50	.94	1.23	.09	.63	1.73	.14	1.12	2.20	.54	1.60
25	1.66	.60	1.01	1.33	.19	.83	1.62	.02	1.12	1.19	-.79	.39
26	1.54	.51	1.02	1.35	.05	.93	1.72	.02	1.15	1.15	-.95	.30
27	1.73	.26	1.06	1.40	.03	.97	1.86	.18	1.23	1.25	.05	.67
28	1.51	.21	1.10	1.49	-.07	.96	1.77	.30	1.16	1.40	.22	.75
29	1.67	-.08	.98	1.80	-.11	1.15	1.63	.22	1.03	1.73	.32	.94
30	1.57	-.15	1.03	1.58	.08	1.00	1.21	.17	.72	1.72	.46	1.16
31	---	---	---	1.93	-.07	1.02	1.50	-.02	.74	---	---	---
MONTH	2.39	-.52	1.23	2.07	-.56	.93	1.86	-.04	.92	2.52	-.95	1.18

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 1998 to current year.

WATER TEMPERATURE: December 1998 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 41,400 microsiemens, Sept. 12, 2000; minimum, 38 microsiemens, Apr. 14, 1999.

WATER TEMPERATURE: Maximum, 33.9°C, Sept. 2, 2000; minimum, 9.2°C, Dec. 27, 1998.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 41,400 microsiemens/cm, Sept. 12; minimum, 167 microsiemens/cm, May 10.

WATER TEMPERATURE: Maximum, 33.9°C, Sept. 2; minimum, 10.8°C, Jan. 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	36300	24100	32100	31200	24500	28700	32500	27400	30000	22800	17400	19800
2	36700	24500	33500	28800	25400	26900	30800	26100	29300	20000	13700	17100
3	38000	25400	33300	31900	23300	27300	32200	30200	31400	25100	18500	20900
4	38100	24000	33000	32200	26600	28700	33200	22300	27300	24900	15300	19500
5	38100	28500	33500	30600	24200	27100	33200	20100	24900	19500	12000	16900
6	40400	27600	36300	31800	25200	28100	26400	21400	22900	26000	13500	18100
7	39000	35500	37000	32300	25800	29600	27800	22200	24800	28600	17900	23900
8	39100	35700	37000	32900	27600	30600	29000	22500	25300	27400	20900	23200
9	39700	29200	35700	32900	25900	30100	31900	22400	27100	29000	22300	25900
10	38500	26200	30800	34100	27300	31300	31900	23300	25100	28000	20700	24300
11	34700	23800	28200	34000	27200	31100	26300	19500	22500	26300	18700	24000
12	36500	24700	30900	34200	27000	30400	30900	23400	26500	25300	17100	21500
13	35100	24200	31600	33800	26000	31100	30100	21500	24400	25500	18900	23100
14	33600	21700	28500	35300	24000	30800	27000	20400	22500	27200	21300	23200
15	34100	24200	31000	33900	25700	29900	27100	20600	23000	29200	24300	26300
16	32400	22500	29200	33500	29200	31400	26500	20700	23400	27400	18200	23900
17	32700	22400	28000	35500	30800	32700	28800	22100	25800	27400	19000	23800
18	27600	24200	25400	35700	29100	31200	29800	17600	22600	26400	19700	24100
19	30700	25300	28100	33700	27200	30000	25700	15900	21700	26800	20700	24400
20	29800	26400	28200	35000	28000	31700	24500	16900	20400	26400	18800	21700
21	35100	26100	32100	33200	25500	30300	22200	13500	17500	26700	17600	21100
22	34800	27600	33100	31300	25100	28500	23700	14300	17700	28200	22700	25000
23	34600	20700	28300	34900	24300	29600	24800	13000	18000	28400	21500	24300
24	34800	25000	30200	32900	25600	27900	24800	11900	16600	25400	21100	22700
25	34300	28700	31300	30600	20500	26300	21500	12200	15200	25800	17300	21800
26	33100	27900	30900	31600	24700	28100	23600	11500	19000	25300	16100	18400
27	33400	26900	31000	31600	24900	28600	25700	16000	20000	28800	19200	23100
28	34100	26900	30400	32200	25200	29300	25700	15800	19900	28400	17800	20500
29	33700	26400	29100	31900	24600	27600	26500	19700	22500	26600	17900	21400
30	33000	21600	27800	30900	25400	27400	25800	18200	21100	30900	19100	24200
31	35600	22100	28100	---	---	---	24800	11500	18600	31800	22100	27300
MONTH	40400	20700	31100	35700	20500	29400	33200	11500	22800	31800	12000	22400

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	32200	21000	27800	28700	26600	27800	27800	21600	24000	15400	10500	13000
2	32200	23000	27900	28100	25100	26300	25900	20300	23500	19000	8630	12500
3	31500	24200	28400	28900	26400	27500	20300	11900	16800	13500	5760	9370
4	30900	22600	26100	27700	24400	25600	13500	8740	10900	6000	1360	3610
5	31800	21800	26100	27400	21900	24800	9540	7520	8510	1650	608	1240
6	31300	25700	29200	29500	24700	26400	9600	5800	7730	1700	281	592
7	31500	26200	29500	29100	24500	26700	7340	4900	6220	1150	284	568
8	30500	26900	28800	30200	27600	28400	7940	2780	4300	1890	280	613
9	30800	26800	28900	29800	26400	28000	6460	2670	3750	895	228	472
10	30900	26900	29400	29300	27100	28400	7400	3170	5310	598	167	362
11	31100	27800	29400	28300	24100	26300	8310	3690	5120	835	180	412
12	30800	26100	28600	28900	23900	25000	5090	3090	4300	836	299	534
13	31200	25600	28700	29900	25200	27400	6620	2220	3810	862	255	426
14	31000	27800	29100	30400	23600	25800	4560	1670	2700	908	276	485
15	29500	24700	27000	30400	24900	27400	3830	2370	3100	2320	700	1580
16	29500	27700	28500	31400	25900	28600	4380	2700	3780	3860	1760	2970
17	29300	25200	27700	30200	23800	26700	4560	2460	3580	5390	2410	3760
18	30300	29100	29700	30600	26100	28100	4110	2430	3330	5510	3160	4340
19	29700	25600	27300	31600	24800	27400	---	---	---	3820	2450	3140
20	28200	24500	26100	26200	21700	23600	---	---	---	3330	1620	2650
21	28200	25600	26900	29700	21600	24800	---	---	---	3160	1620	2500
22	28000	26500	27100	29700	23500	26000	7420	1650	3710	2690	1990	2310
23	28800	26300	27500	28500	23100	24800	7530	3640	5080	2850	1770	2470
24	28700	26000	27300	26900	21700	24100	7980	4260	6260	4170	2460	3010
25	29900	26500	28800	26000	19200	22200	10700	4560	7190	3730	1990	2650
26	29800	27900	28900	24200	19000	21800	14600	7840	10600	3390	1760	2760
27	27900	26500	26900	25100	16800	21300	12700	6800	9710	4040	3230	3570
28	28300	25300	26700	24000	17700	21100	13200	7690	10300	3850	2200	2860
29	28500	25700	27500	25200	20800	22000	14600	7400	10500	3200	1630	2250
30	---	---	---	25200	17900	21600	13000	10200	11300	3720	1620	2720
31	---	---	---	25600	17300	20900	---	---	---	5160	2300	3890
MONTH	32200	21000	28000	31600	16800	25400	---	---	---	19000	167	3020

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	9800	3510	7020	12200	7520	10500	21300	15300	17900	31500	25800	28500
2	11200	4360	7800	9920	7440	8080	23000	15700	19100	31400	23200	26500
3	11600	5090	8890	9590	5660	8140	25000	14500	19600	29700	19900	25700
4	12300	5190	9070	7310	5760	6710	26200	17300	22200	30700	21600	25700
5	10900	5080	7950	6660	4110	5670	25600	16100	21500	32000	25600	28700
6	10300	5080	7030	5210	3410	4510	---	---	---	35500	25900	32000
7	21000	5640	11000	4350	3320	3790	---	---	---	39800	29500	35300
8	19800	12700	16200	5550	3260	3890	---	---	---	39800	31800	35200
9	18300	10500	14200	5620	3710	4480	---	---	---	41000	34000	36300
10	16800	13000	15100	6580	3650	5140	---	---	---	37200	32000	34500
11	18400	11000	15400	4850	4630	4780	---	---	---	38900	30800	34700
12	18500	9460	14100	5800	4830	5300	---	---	---	41400	27700	33600
13	16200	9470	14200	5570	5260	5370	---	---	---	39500	25400	33300
14	17500	10700	15100	5750	5430	5570	33200	19400	26100	37700	24900	32100
15	16300	12100	14000	5940	5750	5850	31900	23900	27100	34900	25200	29800
16	16400	10500	13300	9070	5940	6760	29400	22600	26100	36600	26600	29500
17	15500	13000	14000	11800	8530	9930	28200	22800	25200	38100	29000	33100
18	16900	9680	13600	12400	7950	9790	28800	23200	26000	37800	33000	35200
19	14200	9440	12200	15200	9200	11000	28600	22000	25600	37600	25900	32900
20	13900	9770	12100	15900	8610	12400	28000	20100	25600	36600	24300	31500
21	13900	9940	11600	18200	9000	13300	27900	22600	25800	35100	24000	30900
22	11500	7160	10100	17900	11800	14900	29200	19100	25200	33900	24000	29100
23	11500	7160	9160	19200	10900	15100	31700	22100	25300	34000	26600	31500
24	8600	6090	7460	22200	11300	15200	33600	23100	28800	33800	26600	30600
25	10100	6170	8240	23300	13600	18900	32400	24700	28700	30100	26700	28500
26	11700	7600	9120	26000	15200	21800	32600	24600	29200	30000	27600	28800
27	12900	7740	10200	25500	15200	21900	32700	25000	29800	34500	27500	30200
28	12400	7360	10300	---	---	---	33000	25500	29800	34400	29900	31300
29	12200	7610	10400	---	---	---	32900	23600	29500	35500	30100	31800
30	11700	7130	10100	26700	14400	22300	32500	23700	27900	36000	30000	32900
31	---	---	---	25500	14800	18900	31900	22100	26900	---	---	---
MONTH	21000	3510	11300	---	---	---	---	---	---	41400	19900	31300

CALCASIEU RIVER BASIN

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	26.6	24.9	25.8	21.8	21.1	21.5	19.1	17.3	18.1	16.0	14.2	14.7
2	26.7	25.0	25.8	21.4	19.6	20.7	17.3	16.3	16.9	17.5	15.2	16.2
3	27.2	25.5	26.1	20.6	19.1	19.9	18.6	17.2	18.0	18.2	16.8	17.7
4	27.1	26.2	26.5	20.2	18.7	19.7	19.7	18.4	18.9	17.0	14.0	15.5
5	26.6	25.2	25.9	20.4	18.8	19.7	19.2	18.1	18.8	15.7	13.5	14.6
6	25.7	24.7	25.4	20.9	19.8	20.2	18.7	16.9	18.0	15.3	13.5	14.3
7	25.5	24.4	24.8	20.8	20.2	20.5	18.3	16.5	17.4	14.8	13.6	14.2
8	25.1	24.6	24.8	20.7	20.4	20.5	17.1	16.1	16.6	14.6	13.8	14.2
9	25.6	24.9	25.2	20.8	20.4	20.6	17.3	16.5	17.1	15.4	14.5	14.8
10	26.6	25.2	25.7	21.4	20.1	20.6	17.9	16.2	17.1	15.9	14.9	15.2
11	26.8	25.4	26.0	22.0	20.6	20.9	17.2	16.4	16.7	16.0	15.1	15.4
12	27.0	25.3	26.2	21.5	20.1	20.8	17.6	16.7	17.1	17.0	15.5	16.0
13	27.2	25.7	26.2	21.4	20.1	20.6	17.4	16.9	17.1	17.7	16.0	16.6
14	27.2	25.5	26.4	21.6	20.3	20.8	17.5	16.1	16.9	16.1	15.0	15.6
15	27.7	26.2	26.5	21.4	20.2	20.7	17.0	15.3	16.2	15.6	14.5	15.1
16	27.1	26.1	26.5	20.7	19.9	20.3	16.3	14.7	15.6	16.5	14.9	15.3
17	27.0	26.1	26.4	20.3	19.7	20.0	16.3	15.7	16.1	16.6	15.4	15.7
18	26.1	24.5	25.3	20.4	18.9	19.9	16.3	15.3	15.9	17.1	15.9	16.3
19	25.2	23.2	24.0	20.3	19.4	19.8	16.1	15.0	15.8	18.0	16.1	16.7
20	24.1	22.7	23.4	20.6	20.2	20.4	16.1	14.7	15.5	17.5	15.6	16.7
21	24.4	22.5	23.9	20.5	20.1	20.3	15.9	14.2	15.0	15.9	14.8	15.2
22	24.4	22.1	24.0	21.3	19.9	20.5	14.8	13.4	14.1	15.8	14.1	15.1
23	24.2	22.3	23.1	21.1	20.6	20.8	14.7	12.9	13.8	17.0	15.7	16.1
24	23.6	21.7	22.8	20.7	19.5	20.0	14.9	13.4	14.2	16.1	14.9	15.6
25	22.2	21.6	21.8	19.8	18.3	19.1	14.3	13.0	13.6	15.8	14.4	15.1
26	22.0	21.3	21.7	19.3	18.6	19.0	14.2	13.6	14.0	15.3	13.8	14.6
27	22.1	21.5	21.8	19.3	18.1	18.8	14.4	13.9	14.1	15.1	11.5	13.1
28	22.3	21.4	21.9	19.4	18.6	19.0	14.5	12.8	13.9	13.5	11.8	13.0
29	22.0	20.9	21.6	19.5	18.3	19.1	14.2	13.0	13.8	13.5	12.1	12.9
30	22.7	21.0	21.8	19.0	17.4	18.4	14.8	13.4	14.0	13.4	11.1	12.7
31	22.4	21.1	21.8	---	---	---	14.9	14.0	14.4	13.3	10.8	12.7
MONTH	27.7	20.9	24.5	22.0	17.4	20.1	19.7	12.8	16.0	18.2	10.8	15.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	13.1	11.4	12.6	19.5	19.1	19.2	22.8	21.8	22.3	25.0	23.5	24.1
2	13.1	11.9	12.6	21.5	19.4	20.3	23.0	21.9	22.5	24.2	22.8	23.4
3	13.5	12.2	12.9	21.2	19.7	20.5	22.3	20.7	21.5	23.2	21.8	22.6
4	13.6	12.3	12.9	20.4	18.7	19.5	20.7	19.8	20.3	22.2	21.5	21.8
5	13.6	11.8	12.4	19.7	18.7	19.2	20.8	19.6	20.0	22.2	21.4	21.7
6	12.8	11.7	12.2	20.4	18.6	19.5	20.7	19.6	20.0	23.0	21.7	22.2
7	12.7	12.3	12.5	21.6	19.9	20.6	20.9	19.7	20.1	23.8	22.3	23.0
8	13.6	12.3	12.7	21.7	20.4	20.8	20.3	19.0	19.7	24.5	22.9	23.5
9	14.2	12.0	13.0	21.7	21.0	21.3	19.9	18.5	19.3	25.4	23.5	24.2
10	15.2	13.2	14.1	23.3	21.3	22.1	20.4	19.1	19.7	25.7	24.0	24.7
11	15.2	13.6	14.6	22.6	20.0	21.6	20.8	19.6	19.9	26.7	24.4	25.3
12	15.7	13.8	14.6	21.3	19.5	20.3	19.9	19.4	19.7	26.7	25.2	25.8
13	16.8	15.0	16.0	20.7	19.0	20.1	19.7	18.7	19.0	26.2	25.1	25.6
14	16.3	15.2	15.6	20.5	19.2	19.9	18.8	18.5	18.7	26.8	25.2	25.8
15	18.2	15.5	16.4	20.5	19.3	19.8	20.5	18.3	19.0	27.9	25.0	26.0
16	18.2	16.2	17.0	20.4	19.7	20.1	22.0	19.1	20.0	26.8	25.5	26.0
17	19.7	16.4	18.0	21.5	19.9	20.4	20.7	19.5	20.2	27.5	26.1	26.8
18	19.7	18.0	18.7	21.1	20.3	20.5	22.1	19.8	20.8	27.5	25.8	26.7
19	18.7	16.7	17.5	21.1	19.2	20.3	---	---	---	27.7	26.4	26.9
20	17.5	15.9	16.7	20.8	19.0	19.9	---	---	---	27.8	26.4	26.8
21	18.0	15.8	17.0	20.3	19.3	19.9	---	---	---	27.2	26.2	26.5
22	18.2	16.5	17.4	22.0	19.5	20.4	23.0	21.0	21.6	27.3	26.1	26.4
23	18.8	17.5	18.0	22.5	20.5	21.2	22.6	21.6	22.1	28.8	26.6	27.4
24	19.9	18.0	18.9	21.8	20.8	21.2	22.8	22.0	22.3	28.5	26.9	27.6
25	19.9	19.1	19.5	22.1	20.8	21.4	23.2	21.6	22.3	28.8	27.0	27.8
26	20.2	18.6	19.6	22.2	21.3	21.7	22.6	22.1	22.3	29.4	27.2	28.4
27	19.0	18.0	18.4	22.4	21.5	21.9	24.2	22.4	23.1	29.3	28.2	28.6
28	19.5	17.6	18.5	22.6	20.9	21.8	23.8	22.6	23.1	28.8	27.7	28.1
29	19.7	18.0	18.8	24.6	22.3	22.9	24.2	22.5	23.3	28.8	27.8	28.4
30	---	---	---	23.9	22.1	22.8	24.9	23.7	24.3	30.7	27.9	28.9
31	---	---	---	22.9	21.3	22.0	---	---	---	31.2	29.1	29.7
MONTH	20.2	11.4	15.8	24.6	18.6	20.7	---	---	---	31.2	21.4	25.8

CALCASIEU RIVER BASIN

443

08017044 CALCASIEU RIVER AT I-10 AT LAKE CHARLES--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	30.0	28.7	29.2	31.0	29.9	30.5	30.5	29.3	29.8	32.8	31.4	31.9
2	31.2	28.8	29.5	30.0	29.2	29.6	31.6	30.1	30.4	33.9	31.1	32.1
3	31.2	28.7	29.4	30.2	29.0	29.4	30.9	29.5	30.3	33.1	31.4	32.1
4	30.6	28.6	29.6	30.6	28.7	29.3	30.9	30.0	30.4	33.3	31.6	32.2
5	29.6	28.6	29.1	30.3	28.7	29.1	31.3	30.5	30.8	32.6	30.9	32.0
6	29.6	27.7	28.6	30.0	28.4	29.0	---	---	---	31.9	30.1	31.1
7	29.3	27.3	28.4	30.1	28.6	29.2	---	---	---	31.6	28.6	30.6
8	29.6	28.3	28.9	30.3	28.7	29.5	---	---	---	30.4	28.5	29.2
9	29.5	28.4	28.8	30.2	29.5	29.9	---	---	---	29.6	28.1	28.9
10	29.0	28.2	28.5	30.6	29.7	30.1	---	---	---	30.5	28.8	29.5
11	29.3	28.4	28.6	30.6	29.5	29.9	---	---	---	30.7	29.1	29.9
12	29.8	28.7	29.1	30.6	29.7	30.2	---	---	---	30.7	29.4	30.0
13	29.7	28.8	29.1	31.2	29.7	30.4	---	---	---	30.7	29.4	29.8
14	30.4	29.2	29.7	31.3	30.1	30.5	31.8	31.0	31.4	31.0	29.3	29.9
15	30.5	29.5	29.9	31.6	30.2	30.9	31.6	30.9	31.1	30.5	29.3	29.9
16	30.3	29.4	29.9	32.5	30.5	31.3	32.0	31.2	31.6	29.8	27.8	28.9
17	29.4	28.8	29.1	32.5	30.8	31.6	32.2	31.3	31.7	29.2	26.8	28.6
18	29.2	28.2	28.8	32.4	30.8	31.7	32.2	31.5	31.8	28.8	27.6	28.2
19	29.5	28.5	28.8	32.6	30.4	31.3	32.7	31.6	31.9	28.8	26.8	27.9
20	30.5	28.8	29.6	31.2	30.5	30.9	33.3	31.6	32.2	29.5	27.6	28.5
21	29.9	28.8	29.3	31.7	30.8	31.1	33.0	31.8	32.3	29.2	28.6	28.9
22	30.0	29.0	29.3	31.6	30.9	31.2	32.6	31.8	32.2	29.6	27.7	28.5
23	30.0	29.0	29.4	31.6	29.8	31.1	32.2	31.2	31.7	30.2	28.5	29.4
24	30.6	29.4	30.0	31.6	29.0	30.5	32.0	31.1	31.6	30.3	29.3	29.8
25	31.1	29.9	30.3	31.9	30.6	30.9	32.9	31.0	31.7	30.0	27.4	28.7
26	30.9	30.3	30.5	32.4	30.8	31.4	32.6	31.5	32.1	28.0	26.1	27.3
27	30.7	30.1	30.4	31.9	30.9	31.4	32.3	31.6	32.0	27.4	25.2	26.6
28	31.0	30.1	30.5	31.3	30.6	31.0	32.4	31.6	31.9	27.1	25.1	26.2
29	30.9	30.3	30.5	31.5	30.9	31.1	32.7	31.6	32.1	27.3	24.4	26.1
30	31.0	29.9	30.3	31.1	29.9	30.8	33.2	31.4	32.1	27.2	25.9	26.5
31	---	---	---	30.7	29.0	29.9	33.2	30.8	32.1	---	---	---
MONTH	31.2	27.3	29.4	32.6	28.4	30.5	---	---	---	33.9	24.4	29.3

CALCASIEU RIVER BASIN

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.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.49 ft, Sep. 12, 1998; minimum, -1.93 ft, Dec. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.81 ft, May 18; minimum elevation, -1.41 ft, Jan. 20.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.02	1.13	1.69	1.20	-.03	.72	1.74	1.17	1.53	.74	-.44	.13
2	2.19	1.20	1.81	.66	-1.09	-.30	1.94	1.41	1.71	.79	-.32	.26
3	2.20	1.06	1.73	.89	-.76	.32	2.30	1.39	1.89	.67	-.33	.30
4	2.00	.90	1.58	1.14	.58	.84	1.96	.90	1.47	.44	-1.32	-.48
5	1.55	.79	1.29	1.07	.33	.73	1.79	.04	.77	.87	-.61	-.03
6	1.95	.79	1.50	1.09	.34	.80	1.12	-.45	.25	1.56	.14	.86
7	2.55	1.24	1.97	.99	.11	.66	1.81	.60	1.21	1.56	.05	.89
8	2.61	1.80	2.22	1.14	.06	.68	2.06	.88	1.58	1.42	.11	.87
9	2.31	1.66	2.00	1.28	.18	.84	1.91	.43	1.25	1.13	-.35	.44
10	1.85	1.10	1.56	1.41	.19	.96	1.36	-.52	.40	.89	-.48	.28
11	1.71	.81	1.32	1.35	.16	.91	1.51	.28	.94	.59	-.40	.22
12	1.97	.95	1.44	1.25	-.02	.69	1.61	.54	1.08	.45	-.47	.03
13	1.97	.91	1.49	1.32	.11	.87	.89	-.85	-.05	.47	-.61	-.03
14	1.88	.71	1.30	1.34	-.04	.76	1.07	-.05	.46	1.44	-.74	.17
15	1.92	.93	1.48	.94	-.57	.23	1.07	-.93	.02	1.56	1.09	1.33
16	1.96	.93	1.51	1.03	.14	.58	1.52	.21	.72	1.38	.44	.77
17	1.92	.45	1.24	1.23	.41	.83	1.57	.76	1.05	.77	-.26	.34
18	.93	.15	.66	1.30	.73	1.08	1.54	.43	.86	.72	-.63	.11
19	.99	-.54	.34	1.41	.54	.96	1.17	.10	.62	.61	-.94	-.07
20	.38	-.54	.03	1.14	.35	.67	1.35	.09	.60	.34	-1.41	-.43
21	1.06	.36	.77	1.01	.07	.61	1.20	-.08	.66	.91	-.43	.25
22	1.34	.36	.93	1.26	.26	.88	1.38	-.08	.74	1.35	.15	.86
23	.98	-.20	.52	1.46	.16	.94	1.74	.42	1.26	.80	-.96	-.08
24	1.16	.16	.64	.95	-.62	.29	1.58	-.34	.71	-.12	-1.38	-.67
25	1.19	.15	.77	1.12	-.39	.42	1.34	-.10	.62	.43	-.61	-.06
26	1.17	.09	.77	1.18	-.32	.54	1.34	-.17	.73	.52	-.36	-.04
27	1.19	.01	.72	1.36	.11	.91	.81	-.75	.06	1.51	-.13	.65
28	1.33	.11	.80	1.55	.29	1.05	.53	-.30	-.07	1.06	-.31	.11
29	1.71	.58	1.24	1.40	.06	.76	.59	-.18	.23	.75	-.53	.11
30	1.77	.79	1.36	1.37	.53	.87	.64	.02	.29	.96	-.19	.37
31	1.77	.21	.93	---	---	---	.53	-.23	.19	1.43	.40	.90
MONTH	2.61	-.54	1.21	1.55	-1.09	.70	2.30	-.93	.77	1.56	-1.41	.27

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	1.44	.44	1.07	1.29	.28	.71	1.72	.76	1.22	2.51	1.26	1.81
2	1.45	.18	.90	.93	-.50	.15	1.63	.55	1.05	2.28	1.15	1.74
3	1.31	.03	.71	.93	-.19	.32	1.46	.45	.95	2.63	1.01	1.94
4	.84	-.64	.18	.14	-.97	-.32	.69	-.37	.12	2.58	1.40	1.99
5	.89	-.26	.33	.77	-.25	.31	1.58	.10	1.02	2.71	1.30	2.02
6	1.17	.04	.68	1.11	.31	.79	1.79	.90	1.26	2.44	1.23	1.91
7	1.17	.01	.65	1.24	.35	.80	1.63	.33	1.07	2.22	1.20	1.71
8	.82	-.15	.41	1.21	.34	.73	.79	-.32	.23	1.99	.92	1.50
9	.63	-.20	.27	.84	.14	.44	2.16	.03	1.35	1.94	.81	1.41
10	.74	.00	.33	.84	.02	.52	2.46	1.18	1.99	1.57	.59	1.14
11	.48	-.26	.06	.33	-.76	-.30	2.21	1.13	1.49	1.80	.79	1.33
12	.24	-.47	-.10	1.39	-.80	.32	1.72	.43	1.07	1.83	1.19	1.51
13	.74	-.65	.08	1.35	.25	.88	1.43	.52	1.04	1.72	.71	1.26
14	.67	-.36	.15	1.57	.24	.96	1.43	.49	.98	1.38	.78	1.08
15	.84	-.74	-.04	1.56	.57	1.19	1.51	.86	1.21	1.85	.88	1.46
16	.91	-.44	.22	1.53	.37	.88	1.92	.81	1.35	1.99	.87	1.51
17	.80	-.61	.16	1.08	-.01	.62	1.38	.30	.92	2.25	.89	1.74
18	.82	-.42	.25	1.22	.17	.82	1.11	.17	.60	2.81	1.25	2.12
19	.35	-.93	-.10	1.31	-.06	.63	1.10	.13	.77	2.33	1.17	1.79
20	.66	-.42	.15	1.19	.14	.76	1.42	.17	.88	2.09	.67	1.42
21	1.01	.17	.63	1.85	.97	1.48	.78	-.05	.35	1.75	.45	1.16
22	1.13	.25	.71	1.94	.96	1.44	1.56	-.25	.81	1.58	.36	.97
23	1.18	.54	.80	1.50	.65	1.05	2.31	.79	1.58	1.48	.31	1.00
24	1.04	.09	.45	1.18	.33	.81	1.58	.44	.93	1.62	.56	1.12
25	1.60	.29	.92	1.00	.16	.67	1.48	-.01	.84	1.81	.64	1.23
26	1.22	.47	.74	.75	-.12	.40	1.47	.49	1.03	2.07	1.11	1.61
27	.51	-.27	.18	.56	-.45	.16	1.21	.33	.83	2.03	1.37	1.69
28	1.43	.01	.71	.94	-.26	.36	1.33	.38	.71	1.61	.69	1.17
29	1.43	.57	1.02	.94	.20	.65	1.29	.45	.83	1.11	.30	.76
30	---	---	---	.77	-.17	.25	2.06	1.20	1.65	1.09	.23	.75
31	---	---	---	1.24	-.20	.49	---	---	---	1.46	.23	1.01
MONTH	1.60	-.93	.43	1.94	-.97	.61	2.46	-.37	1.00	2.81	.23	1.45
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	1.59	.49	1.22	1.29	.07	.85	1.20	-.07	.70	1.14	.54	.75
2	1.58	.37	1.13	1.61	.06	1.02	1.25	.10	.77	.81	.05	.48
3	1.41	.22	.99	1.70	.30	1.20	1.19	.38	.87	.77	-.27	.20
4	1.50	.07	.97	1.82	.46	1.29	1.05	.33	.75	.69	-.13	.39
5	1.34	.14	.85	1.58	.57	1.22	.89	.33	.60	1.05	.03	.62
6	.82	-.55	.28	1.35	.56	1.03	.90	.22	.65	1.23	.39	.75
7	1.54	-.40	.66	1.12	.43	.79	1.07	.25	.75	1.63	.40	1.18
8	1.60	.55	1.15	1.03	.30	.71	1.45	.44	1.03	1.55	.44	1.17
9	1.76	.62	1.27	1.16	.48	.85	1.35	.25	.88	2.25	1.01	1.75
10	2.11	1.22	1.54	1.37	.41	1.02	1.21	-.01	.73	1.95	.73	1.53
11	1.96	.91	1.52	1.18	.23	.84	1.17	-.01	.75	1.64	.73	1.30
12	1.59	.53	1.16	1.19	-.03	.73	.92	-.04	.57	1.99	.74	1.51
13	1.54	.58	1.21	1.00	-.16	.53	1.08	-.02	.71	1.67	.96	1.34
14	1.89	.64	1.45	.80	-.35	.38	1.49	.22	1.04	1.56	.87	1.25
15	1.73	.67	1.36	.74	-.42	.29	1.39	.48	1.02	1.32	.67	.94
16	2.10	.83	1.64	1.02	-.34	.54	.99	.25	.65	1.45	.39	.83
17	2.23	1.01	1.82	1.09	-.11	.63	1.01	.09	.60	1.63	.73	1.14
18	1.94	.92	1.49	1.09	-.05	.65	.91	.27	.63	1.83	.99	1.39
19	1.92	.76	1.43	.86	-.03	.55	.88	.24	.52	2.03	1.14	1.68
20	1.96	.71	1.47	.72	-.15	.41	.85	.15	.59	1.96	.69	1.43
21	1.85	.88	1.37	.80	-.13	.40	.86	.16	.60	1.63	.54	1.22
22	1.32	.43	.91	.86	.09	.52	.95	.03	.66	2.16	.83	1.58
23	1.14	.30	.76	1.23	.33	.65	1.30	.24	.90	2.04	.88	1.61
24	1.19	.54	.84	.69	.04	.41	1.45	.18	.93	2.03	.52	1.51
25	1.23	.67	.90	.92	.20	.60	1.32	.11	.93	1.07	-.88	.23
26	1.18	.55	.92	1.02	.05	.69	1.44	.20	.98	.93	-1.02	.17
27	1.27	.35	.91	1.10	.05	.74	1.54	.23	1.08	1.00	.17	.59
28	1.29	.36	.95	1.21	-.01	.78	1.44	.31	1.00	1.10	.32	.67
29	1.32	-.04	.82	1.44	-.01	.92	1.31	.28	.88	1.53	.40	.89
30	1.32	-.04	.84	1.29	.14	.80	.90	.24	.59	1.55	.58	1.11
31	---	---	---	1.37	-.08	.84	1.15	.07	.62	---	---	---
MONTH	2.23	-.55	1.13	1.82	-.42	.74	1.54	-.07	.77	2.25	-1.02	1.04

CALCASIEU RIVER BASIN

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.

WATER TEMPERATURE: July 1992 to September 1993, July 1997 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 48,400 microsiemens, Sept. 8-9, 2000; minimum, 189 microsiemens, Jan. 19, 1998.

WATER TEMPERATURE: Maximum, 33.3°C, Aug. 2, 1998; minimum, 8.1°C, Jan. 30, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 48,400 microsiemens/cm, Sept. 8-9; minimum, 15,800 microsiemens/cm, May 31.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 17, 26; minimum, 8.1°C, Jan. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	41000	39600	40300	37500	35800	36600	39000	36600	37700	35400	33800	34600
2	40700	40100	40500	36700	33600	35300	38500	36500	37200	34700	33400	34100
3	40600	39300	40200	37700	32600	34900	37400	35500	36600	33500	33200	33300
4	40300	38400	39700	37500	34400	35900	37600	35500	36500	35900	29100	33600
5	39700	37800	38900	37100	35000	36400	37300	34300	36300	34500	32000	32600
6	39600	38100	38700	37300	35500	36700	36500	33300	35300	36900	33100	35300
7	39800	38200	38900	37100	35400	36600	37700	32800	35300	38200	35600	37500
8	39000	38000	38700	37800	36600	37200	36600	33500	34900	38100	36200	37200
9	38800	38200	38600	38500	37500	37700	37500	34000	35500	38300	36700	37700
10	38700	38000	38600	38500	37700	38100	37800	35800	36800	38500	37300	37900
11	38600	36600	37700	38700	38000	38300	37700	35500	36300	37900	37300	37600
12	37400	36200	37100	39000	38200	38600	37500	35500	36400	37300	36100	36600
13	37600	37100	37300	39800	38100	39200	39600	36100	37700	36700	34600	36300
14	37500	36800	37100	39800	38300	39200	38800	35700	37300	36700	33800	34900
15	37400	36200	37000	39200	37500	38300	39000	35600	37200	38300	36700	37700
16	37400	36400	37000	38700	36200	37900	38500	33900	36400	38600	36300	37600
17	37200	35400	36500	39000	37500	38300	38200	36000	37300	37200	36200	36500
18	36300	33800	35400	38800	37700	38500	38600	36600	37700	36900	36000	36400
19	37700	32400	35500	38900	38600	38700	38100	37300	37500	36500	35900	36300
20	37600	32200	35200	39000	38100	38800	38700	34700	37000	36600	34000	36000
21	36900	33200	35300	39900	37600	38300	40500	31600	37000	37200	34800	36400
22	36900	35600	36300	39100	37500	38300	38000	33300	36200	37300	36000	36500
23	36400	33500	35100	38700	37200	37900	36500	33300	35600	38300	36300	37600
24	34800	31700	33500	39700	37700	38800	36100	34200	35400	38700	34500	36300
25	35800	33300	35200	40500	36200	38900	35000	33600	34500	38800	33800	36900
26	36000	34300	35500	39800	36000	38700	35000	32800	34200	39100	36600	37900
27	35900	34500	35500	39600	37100	38400	35200	33500	34500	39900	37200	38300
28	35900	34100	35300	39100	37000	38000	34400	31600	33700	42800	37800	39600
29	36600	34900	35400	38300	35900	37300	34100	32000	33400	39900	35100	37200
30	35800	34300	35200	38000	33200	36500	33900	33000	33400	40700	35900	38400
31	37400	35100	36300	---	---	---	34000	33100	33700	41000	37900	39600
MONTH	41000	31700	37000	40500	32600	37700	40500	31600	36000	42800	29100	36600

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	41700	39300	40700	39300	38100	38700	37600	36700	37300	27300	25200	26100
2	43100	40500	41700	39400	38100	38600	38000	37200	37800	26700	25300	25900
3	42400	41100	41700	39800	39400	39500	37600	34000	36500	27000	23700	25700
4	42200	36200	41300	39400	35000	36800	34400	29500	31900	25800	20100	23900
5	41100	36200	40300	37300	35000	36700	31500	29200	30600	---	---	---
6	39900	39200	39500	37500	36900	37200	32200	30500	31700	---	---	---
7	40700	39500	40000	37200	37000	37100	33100	32000	32700	---	---	---
8	40500	39900	40300	37200	36900	37000	34100	23400	27900	---	---	---
9	40600	39900	40100	37000	36800	36900	27700	24900	26000	---	---	---
10	40400	39800	40100	38000	36800	37200	26700	24700	25900	---	---	---
11	40200	39400	39800	38100	36400	37300	31300	25500	28700	---	---	---
12	40100	39400	39900	37100	36100	36700	26400	23300	25200	---	---	---
13	39600	39400	39500	38200	36400	37400	25400	20000	24100	---	---	---
14	39600	39300	39500	38400	37100	37800	24800	20300	22800	---	---	---
15	39600	38700	39300	39200	37100	37800	24400	20900	22000	---	---	---
16	39500	39200	39300	38900	37900	38600	22300	20300	21300	---	---	---
17	39500	38900	39200	38600	37600	38000	22400	21100	21800	---	---	---
18	39400	38300	39000	38400	37800	38000	22100	19500	20700	---	---	---
19	38900	36300	38500	38300	37200	37800	22000	19600	21200	---	---	---
20	38600	36300	37800	38200	37100	37600	23800	21700	22700	---	---	---
21	38500	37300	38000	38300	37600	38000	23000	19400	21500	---	---	---
22	38800	37700	38200	38200	37600	38000	21400	20400	21100	---	---	---
23	38800	37900	38300	38300	37900	38100	22300	20800	21400	---	---	---
24	38300	37700	37900	38400	38200	38300	24200	21300	22300	20400	16100	17700
25	39800	38300	39100	38800	38400	38500	26800	23900	24400	21100	17100	18900
26	41500	38500	40400	38700	38200	38400	28200	25200	26600	20300	18800	19500
27	41500	36100	38000	38300	38000	38100	26800	24400	25300	23800	19600	22500
28	38500	36100	37700	39300	37700	38300	24500	24000	24200	24400	23200	23700
29	38300	37100	37600	40200	39300	40000	24100	22600	23600	24300	19500	23200
30	---	---	---	40300	36600	39400	25500	23300	24200	24000	17100	21200
31	---	---	---	38800	37000	37400	---	---	---	23500	15800	18800
MONTH	43100	36100	39400	40300	35000	37900	38000	19400	26100	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	20200	16100	18200	28000	25000	26100	35500	31800	34000	40600	39100	40100
2	21800	18100	19900	27800	25900	27100	32000	31400	31800	40400	39100	40100
3	22200	20400	21500	28100	26200	27100	32900	31800	32200	40200	38300	39500
4	22000	20100	21200	29100	27300	28100	32800	32000	32300	40300	35900	38700
5	22100	19600	20800	28800	26900	28100	33000	31900	32500	41400	36700	38800
6	25200	18800	22400	27900	26600	27300	32200	31500	31800	44900	39800	42600
7	25800	23500	24900	26900	23900	26000	32000	30500	31300	47600	42900	45300
8	29100	24800	27600	25600	23700	24500	31200	30600	31000	48400	45200	46500
9	29700	27300	28300	24800	23700	24500	33500	30800	31800	48400	46300	47500
10	28300	25500	26700	24800	24300	24700	33900	32300	33300	47100	45200	46300
11	26200	24200	25500	25000	24400	24700	34200	33200	33600	45700	45000	45400
12	26600	24300	25200	25900	23500	24800	34700	32300	33400	45300	43900	45000
13	25900	25200	25400	24500	22800	23700	36600	34000	35100	45200	44700	45000
14	25600	24900	25200	24300	22700	23400	36700	35200	36100	45300	44800	45000
15	26200	25100	25600	24800	23100	24000	36200	35200	35700	46000	45000	45700
16	28800	26200	27100	26500	23800	24800	37300	35800	36600	46200	44700	45500
17	29300	28200	28800	27000	25300	26300	37200	36400	36900	45900	44800	45300
18	29700	28100	29000	27100	26000	26600	36800	35500	36300	45000	44700	44900
19	29700	27600	28600	28400	26700	27400	35700	35100	35400	45100	44500	44900
20	30400	28200	29500	29200	27300	28200	35400	34200	34700	45500	44700	45100
21	30800	29800	30300	28400	28000	28100	34400	33900	34200	45600	44500	45200
22	31800	30400	31000	28300	27800	28000	37500	34000	35800	45200	44700	45100
23	31400	29500	30500	29200	27700	28200	41400	36700	38900	45500	45100	45300
24	31900	29800	31000	31200	28600	30100	42800	39000	41000	45400	45200	45300
25	31800	30900	31600	32700	29700	31700	44300	41600	43000	45900	40300	43100
26	31800	30400	31500	35400	31500	33300	44300	43200	43700	42800	38500	41100
27	31700	27300	30500	35600	31800	34100	43700	42400	43300	42300	41100	41800
28	30500	25200	28400	37100	33300	34800	43000	41700	42500	42400	41200	42000
29	26300	24900	25500	37100	33700	34800	43200	41500	42500	42400	41600	42000
30	26200	24400	25300	35900	33000	34800	42400	40700	41900	42800	41200	41800
31	---	---	---	34900	31500	33100	41100	39600	40700	---	---	---
MONTH	31900	16100	26600	37100	22700	28000	44300	30500	36200	48400	35900	43700

CALCASIEU RIVER BASIN

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.5	23.1	23.7	21.5	20.3	20.9	16.4	14.6	15.6	15.7	14.4	15.1
2	24.8	23.3	23.8	20.7	18.5	19.8	16.2	15.3	15.8	17.4	15.7	16.6
3	26.0	24.0	24.9	18.9	17.4	18.3	17.1	16.1	16.6	17.8	17.2	17.5
4	26.4	25.2	25.8	18.8	17.3	18.1	18.3	17.1	17.7	17.3	13.6	15.2
5	25.5	23.6	24.7	19.5	18.1	18.7	18.1	16.7	17.5	13.7	12.6	13.2
6	24.4	22.5	23.2	20.2	18.6	19.4	16.9	15.9	16.4	13.7	12.4	12.9
7	23.9	22.2	23.2	20.6	19.4	19.9	16.4	14.9	15.6	13.8	12.2	13.2
8	24.1	23.4	23.8	20.8	19.5	20.1	15.6	14.9	15.3	14.2	13.0	13.6
9	24.5	24.0	24.2	21.2	19.6	20.4	17.0	15.3	16.0	15.1	13.9	14.5
10	25.8	24.2	24.9	21.7	20.3	21.0	16.5	15.3	15.9	15.8	14.6	15.2
11	26.4	25.1	25.7	22.1	20.8	21.5	15.8	15.1	15.5	16.7	15.3	15.9
12	26.2	25.0	25.6	21.6	20.3	20.9	16.6	15.7	16.2	17.8	16.5	17.1
13	27.0	25.3	26.0	21.5	19.6	20.5	16.5	15.0	15.7	19.0	15.8	17.9
14	27.6	26.1	26.6	21.6	20.1	20.9	15.5	14.3	14.9	15.9	13.6	14.8
15	27.5	26.3	26.9	21.5	20.3	20.8	15.4	13.6	14.7	15.2	13.4	14.4
16	27.3	26.2	26.7	20.7	19.5	20.2	14.3	13.0	13.7	15.9	14.5	15.1
17	27.7	26.3	26.9	20.4	19.4	19.8	14.5	13.1	13.9	17.1	15.6	16.4
18	26.5	24.6	25.4	20.2	18.9	19.6	15.0	14.0	14.6	17.9	16.7	17.4
19	24.6	21.4	23.0	20.5	19.3	19.9	14.9	13.9	14.5	18.6	17.5	18.1
20	22.0	20.2	21.1	21.5	20.2	20.7	14.5	13.4	13.9	18.4	15.8	17.4
21	21.0	19.0	20.0	21.1	20.2	20.7	13.6	11.9	12.6	15.8	14.0	14.6
22	21.3	19.6	20.4	21.6	20.5	21.1	12.0	10.6	11.4	15.2	13.8	14.4
23	20.8	19.5	20.2	21.4	21.0	21.2	11.8	10.5	11.3	17.0	15.0	16.1
24	20.0	18.4	19.1	21.0	19.4	19.9	12.8	10.9	12.0	16.8	14.4	15.1
25	19.4	18.3	18.9	19.5	17.4	18.3	12.5	10.9	11.7	14.7	13.4	14.1
26	20.4	18.1	19.2	18.5	16.9	17.6	12.8	10.8	12.0	14.1	12.2	12.9
27	21.3	19.6	20.4	17.9	16.7	17.4	13.6	12.2	12.8	12.6	9.5	10.9
28	21.7	20.4	21.0	18.2	16.7	17.4	13.2	11.4	12.2	10.9	9.9	10.5
29	21.6	20.5	21.1	18.8	17.5	18.1	13.2	11.7	12.3	9.9	8.6	9.3
30	22.5	21.1	21.7	17.9	15.5	16.5	14.0	12.6	13.3	10.4	8.1	9.0
31	22.2	21.0	21.6	---	---	---	15.3	13.9	14.6	10.0	8.3	9.3
MONTH	27.7	18.1	23.2	22.1	15.5	19.7	18.3	10.5	14.4	19.0	8.1	14.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	10.3	9.5	9.9	20.9	19.4	20.2	23.1	22.5	22.9	25.5	24.3	24.9
2	11.0	9.8	10.5	22.2	20.7	21.4	23.6	22.9	23.2	25.0	24.0	24.4
3	12.2	10.4	11.4	22.3	20.8	21.6	23.2	21.2	22.4	24.1	22.9	23.4
4	12.8	11.2	12.0	21.1	19.4	20.3	22.2	20.1	21.2	25.0	23.1	24.0
5	11.7	9.6	10.7	20.3	18.3	19.2	21.1	19.8	20.3	---	---	---
6	12.5	10.8	11.6	20.5	18.6	19.6	21.7	20.2	20.9	---	---	---
7	13.2	11.7	12.4	21.1	19.8	20.4	22.3	20.6	21.5	---	---	---
8	13.9	12.7	13.2	22.1	20.4	21.2	22.0	19.7	21.0	---	---	---
9	14.5	12.7	13.7	23.1	21.7	22.4	19.7	18.2	19.0	---	---	---
10	15.9	14.0	14.9	23.7	22.6	23.1	19.5	18.0	18.9	---	---	---
11	16.6	15.4	16.0	23.2	19.4	21.8	22.0	19.3	20.2	---	---	---
12	18.6	16.5	17.4	19.9	18.0	19.2	21.8	20.8	21.1	---	---	---
13	18.4	17.8	18.1	20.0	18.6	19.4	20.8	19.9	20.2	---	---	---
14	19.2	18.0	18.5	19.3	18.9	19.1	20.0	19.3	19.6	---	---	---
15	20.2	18.6	19.5	19.5	18.6	19.1	21.4	19.2	20.2	---	---	---
16	21.0	19.7	20.3	21.7	19.2	20.2	23.7	20.3	22.0	---	---	---
17	21.9	20.5	21.2	21.4	19.7	20.7	25.0	22.7	23.6	---	---	---
18	22.1	20.9	21.5	21.7	20.4	21.0	25.4	23.9	24.5	---	---	---
19	21.8	18.9	20.4	21.1	19.4	20.4	25.8	24.5	25.1	---	---	---
20	19.0	17.5	18.3	20.1	18.6	19.2	25.7	24.5	25.1	---	---	---
21	18.8	17.2	18.0	19.4	18.3	19.0	25.2	23.2	24.2	---	---	---
22	19.0	17.5	18.2	20.9	19.0	19.9	23.4	21.8	22.6	---	---	---
23	19.0	18.0	18.5	22.0	20.1	21.0	23.1	21.9	22.5	---	---	---
24	20.4	18.7	19.5	22.9	21.1	21.9	24.6	22.5	23.2	28.7	27.5	28.0
25	21.1	19.9	20.5	23.7	22.0	22.7	24.0	22.3	23.0	29.3	27.6	28.4
26	21.2	20.3	20.8	23.9	22.5	23.2	24.6	22.9	23.6	29.5	28.0	28.8
27	20.6	18.6	19.5	24.3	22.8	23.5	25.9	23.9	24.7	29.1	28.0	28.6
28	20.1	18.0	18.9	24.2	22.2	23.2	26.4	24.4	25.3	29.7	28.3	28.9
29	19.8	18.4	19.1	24.9	23.4	24.1	25.8	23.4	24.7	31.6	28.7	29.6
30	---	---	---	25.4	23.6	24.6	25.6	24.2	24.8	31.8	29.5	30.6
31	---	---	---	23.6	21.5	22.6	---	---	---	31.5	30.0	30.8
MONTH	22.1	9.5	16.7	25.4	18.0	21.1	26.4	18.0	22.4	---	---	---

08017095 NORTH CALCASIEU LAKE NEAR HACKBERRY, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.3	29.6	29.9	31.2	30.2	30.7	29.7	28.1	29.0	31.9	30.5	31.1
2	31.1	29.0	29.9	30.5	29.6	29.9	30.4	28.9	29.6	32.1	30.3	31.1
3	30.9	29.4	30.1	30.0	29.0	29.5	30.7	29.4	30.0	32.1	30.1	31.0
4	30.6	29.4	30.1	30.8	29.1	29.9	31.1	29.5	30.1	31.9	30.6	31.3
5	29.7	28.8	29.1	30.8	29.3	29.9	31.8	29.7	30.5	32.4	30.6	31.7
6	29.9	27.5	28.5	31.5	29.6	30.3	31.9	30.0	30.8	30.7	28.3	29.7
7	28.3	26.0	27.1	32.0	29.7	30.6	31.9	30.2	30.9	29.9	28.0	28.9
8	28.3	26.9	27.6	32.0	30.1	31.0	31.5	30.4	30.8	28.1	26.9	27.6
9	28.1	27.3	27.7	32.0	30.6	31.1	32.5	30.2	31.0	28.6	27.2	27.6
10	28.5	27.4	27.9	31.5	30.2	30.9	32.4	30.5	31.4	29.7	27.9	28.5
11	29.2	27.7	28.4	31.5	30.1	30.8	31.9	30.2	31.0	29.9	28.7	29.3
12	30.5	28.0	29.0	32.4	29.9	30.9	32.1	30.0	31.0	29.8	29.0	29.4
13	30.3	28.9	29.6	32.8	30.3	31.4	31.9	29.9	31.0	29.5	28.5	29.0
14	29.5	28.4	29.0	32.4	30.4	31.4	31.7	30.6	31.1	29.2	28.4	28.8
15	29.6	28.2	28.8	32.6	30.8	31.8	32.2	30.4	31.2	29.3	28.3	28.7
16	28.9	28.1	28.5	32.9	30.9	31.9	32.8	30.7	31.7	28.7	26.0	27.4
17	28.2	27.4	27.9	32.8	31.3	31.9	33.0	30.9	31.8	27.3	24.8	26.1
18	28.0	27.0	27.5	32.5	31.1	31.8	32.6	30.9	31.8	26.4	25.1	25.7
19	29.5	27.3	28.2	32.3	30.8	31.5	32.0	30.6	31.3	27.1	25.0	25.9
20	29.7	28.3	29.0	31.9	30.5	31.3	31.9	30.4	31.1	28.5	26.6	27.4
21	30.0	28.5	29.2	32.1	30.5	31.3	31.9	30.6	31.1	28.4	27.8	28.1
22	31.0	28.8	29.7	32.4	30.4	31.3	31.4	30.3	30.9	28.6	27.6	28.1
23	31.8	29.4	30.3	31.5	30.0	30.9	31.1	29.3	30.1	29.5	28.1	28.8
24	31.5	29.8	30.6	31.4	28.7	29.7	30.7	29.0	30.1	30.0	28.7	29.2
25	31.6	29.9	30.7	31.0	29.4	30.1	32.2	29.4	30.6	29.5	24.8	27.7
26	31.3	30.0	30.5	31.9	29.5	30.6	33.0	30.2	31.2	26.1	23.3	24.9
27	31.1	30.0	30.4	32.1	30.1	30.8	32.3	30.8	31.4	25.0	22.6	23.8
28	31.5	30.1	30.6	31.6	29.9	30.8	32.1	30.6	31.3	24.5	22.7	23.7
29	31.5	29.8	30.5	31.4	30.0	30.6	32.4	30.8	31.6	24.1	22.7	23.5
30	31.2	30.1	30.6	31.0	29.4	30.2	31.9	30.8	31.2	24.3	22.6	23.5
31	---	---	---	30.4	28.1	29.0	32.1	30.5	31.2	---	---	---
MONTH	31.8	26.0	29.2	32.9	28.1	30.8	33.0	28.1	30.9	32.4	22.6	27.9

CALCASIEU RIVER BASIN

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 elevation, 4.14 ft, Sep. 11, 1998; minimum, -3.00 ft, Dec. 29, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.72 ft, May 3; minimum elevation, -1.84 ft, Jan. 4.

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	2.22	.94	1.74	1.34	.01	.79	1.57	.83	1.12	1.00	-.71	.30
2	2.30	1.02	1.86	.93	-1.10	-.04	2.08	.92	1.50	1.17	-.19	.60
3	2.25	.90	1.76	1.24	.07	.64	2.17	1.12	1.78	1.30	.07	.85
4	2.10	.81	1.69	1.28	.60	.94	2.04	.84	1.50	.79	-1.84	-.82
5	1.99	.76	1.54	1.20	.19	.80	1.68	-.18	.62	.92	-1.27	-.13
6	2.10	1.12	1.74	1.21	.24	.89	1.21	-.95	.17	1.23	-.52	.59
7	2.47	1.64	2.08	1.16	.00	.76	1.78	.05	1.04	1.31	-.33	.60
8	2.60	1.73	2.25	1.24	-.14	.79	1.91	.42	1.34	1.34	-.10	.85
9	2.44	1.40	1.96	1.51	.02	.94	1.85	.28	1.06	1.39	-.28	.71
10	1.97	.91	1.56	1.64	.27	1.14	.96	-.93	.18	1.22	-.25	.49
11	1.82	.61	1.40	1.67	.31	1.14	1.86	.21	1.06	.86	-.16	.52
12	1.90	.86	1.53	1.46	-.36	.87	1.88	.48	1.31	.89	-.15	.50
13	1.84	.71	1.42	1.56	.27	1.05	.90	-1.23	-.22	.83	-.56	.45
14	1.72	.48	1.21	1.58	.11	.93	.91	-.12	.36	1.29	-.75	.30
15	1.82	.63	1.37	1.20	-.13	.59	.86	-1.15	-.40	1.29	.71	1.08
16	1.91	.79	1.45	1.41	.46	1.01	1.06	-.46	.31	1.14	.11	.64
17	1.90	.53	1.27	1.47	.59	1.05	1.42	.31	.78	1.09	-.48	.53
18	1.46	.41	.94	1.62	.87	1.26	1.42	.43	.80	1.27	-.58	.55
19	1.47	-.30	.62	1.63	.68	1.10	1.31	-.32	.66	1.26	-.75	.53
20	.82	.27	.52	1.45	.56	1.06	1.45	-.21	.76	1.26	-1.43	.11
21	1.32	.25	.86	1.79	.34	1.20	1.45	-.82	.37	1.37	-.75	.56
22	1.34	.55	.98	1.97	.30	1.41	.86	-1.55	.02	1.74	.09	1.10
23	1.14	-.44	.58	2.07	.20	1.34	1.08	-.83	.29	1.12	-.55	.48
24	1.40	.03	.86	1.45	-.60	.72	.61	-1.55	-.13	.38	-1.42	-.34
25	1.28	-.13	.82	1.74	-.75	.55	.51	-1.22	-.11	.68	-.39	.24
26	1.29	-.22	.80	1.12	-.57	.50	.54	-1.09	-.04	.66	-.38	.18
27	1.29	-.38	.75	1.25	-.29	.75	.30	-1.13	-.26	1.67	.06	.79
28	1.51	-.27	.85	1.39	-.09	.78	.33	-.87	-.37	.47	-.68	-.06
29	1.88	.29	1.29	1.09	-.25	.52	.52	-.41	.02	.32	-1.39	-.27
30	1.94	.59	1.43	1.14	.06	.61	.57	-.17	.25	.57	-1.23	-.23
31	1.79	-.04	.92	---	---	---	.59	-.37	.26	.98	-.57	.40
MONTH	2.60	-.44	1.29	2.07	-1.10	.87	2.17	-1.55	.52	1.74	-1.84	.39

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

ELEVATION, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	1.01	-.31	.60	1.20	-.03	.69	1.75	.75	1.36	2.23	1.07	1.48
2	.96	-.56	.29	1.25	-.32	.54	1.75	.50	1.17	2.04	.63	1.34
3	.85	-.70	.21	1.25	-.08	.68	1.72	-.28	.81	2.72	.45	1.48
4	.56	-1.28	-.23	.67	-.74	.03	.06	-.96	-.39	1.98	.24	1.45
5	.32	-1.23	-.28	1.07	-.41	.49	.95	-.58	.50	2.16	.24	1.45
6	.56	-1.04	.03	1.19	.22	.83	1.17	-.07	.73	1.99	.33	1.49
7	.73	-.63	.13	1.37	.33	.93	1.28	-.10	.87	1.90	.28	1.40
8	.52	-.69	.06	1.47	.55	.98	.69	-.77	.11	1.81	.21	1.30
9	.37	-.45	.08	1.18	.38	.90	1.47	-1.16	.67	1.89	.31	1.30
10	.85	-.10	.49	1.35	.38	1.04	1.71	.23	1.21	1.60	.21	1.08
11	.73	.19	.43	1.06	-1.05	.23	1.41	.37	.95	1.72	.40	1.23
12	.83	-.22	.40	1.11	-1.29	.31	1.28	-.06	.76	1.88	.86	1.39
13	1.46	-.06	.80	1.19	-.16	.70	1.16	-.19	.58	1.71	.36	1.05
14	1.15	.02	.74	1.90	-.07	.98	1.10	-.26	.57	1.35	.36	.91
15	1.38	-.57	.55	1.84	.51	1.37	1.27	.20	.87	1.38	.39	1.00
16	1.33	-.30	.75	1.83	.02	1.02	1.57	.42	1.01	1.48	.14	1.05
17	1.44	-.38	.75	1.50	-.09	.79	1.26	.14	.83	1.63	.52	1.25
18	1.55	-.22	.86	1.64	.06	1.01	1.18	-.07	.68	2.04	.65	1.51
19	1.43	-1.02	.29	1.76	-.62	.58	1.32	.20	.95	1.80	.55	1.36
20	.74	-.70	.25	1.28	-.04	.77	1.52	-.26	.90	1.85	-.02	1.09
21	.96	-.32	.54	1.71	.95	1.38	.83	-.65	.44	1.43	-.15	.88
22	1.14	.06	.73	1.70	.43	1.24	1.44	-.65	.78	1.28	-.15	.76
23	1.21	.33	.85	1.44	.24	1.00	2.15	.60	1.49	1.23	-.06	.83
24	1.18	.19	.71	1.24	.24	.94	1.45	.12	.98	1.39	.21	.91
25	1.63	.50	1.24	1.25	.26	.86	1.33	-.31	.77	1.70	.54	1.20
26	1.49	.43	1.08	1.34	.09	.82	1.27	.08	.84	1.86	.91	1.52
27	.87	-.42	.35	1.51	.21	.89	1.19	.16	.77	1.88	1.10	1.48
28	1.34	-.26	.72	1.50	.22	.97	1.10	.10	.67	1.66	.38	1.05
29	1.34	.29	.95	1.67	.57	1.29	1.22	.06	.74	1.22	.23	.75
30	---	---	---	1.33	.45	.85	2.05	.87	1.41	1.19	.03	.79
31	---	---	---	1.60	-.16	.85	---	---	---	1.43	.29	1.06
MONTH	1.63	-1.28	.50	1.90	-1.29	.84	2.15	-1.16	.80	2.72	-.15	1.19
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	1.74	.10	1.21	1.40	-.60	.79	1.34	-.23	.84	1.16	.07	.63
2	1.67	-.36	1.09	1.70	-.23	1.02	1.34	-.23	.95	.88	-.30	.42
3	1.56	-.42	.95	1.81	-.04	1.22	1.35	.34	1.00	.65	-.47	.20
4	1.47	-.46	.84	1.77	.06	1.26	1.23	.23	.83	.96	-.17	.49
5	1.69	-.65	.81	1.68	.21	1.23	.98	.17	.67	1.33	.07	.84
6	1.15	-.66	.62	1.48	.32	1.02	1.07	.20	.73	1.41	.64	1.10
7	1.57	-.50	.90	1.21	.40	.84	1.21	.19	.86	1.93	.56	1.35
8	1.72	.63	1.27	1.31	.29	.82	1.51	.25	1.03	1.76	.72	1.43
9	1.62	.61	1.28	1.26	.37	.88	1.44	.10	.97	2.26	.90	1.76
10	1.71	1.31	1.50	1.42	.03	.93	1.31	-.17	.77	1.98	.63	1.50
11	1.85	.78	1.46	1.21	-.12	.76	1.31	-.02	.80	1.70	.67	1.36
12	1.64	.27	1.14	1.18	-.29	.66	1.18	-.04	.75	1.98	.59	1.58
13	1.48	.24	1.07	1.08	-.53	.50	1.38	.12	.91	1.75	.72	1.42
14	1.68	.28	1.24	.90	-.70	.35	1.52	.37	1.15	1.77	.72	1.38
15	1.69	.23	1.18	.77	-.55	.31	1.48	-.12	.98	1.62	.57	1.12
16	1.90	.68	1.46	1.09	-.52	.55	1.05	.00	.71	1.67	.65	1.23
17	2.25	.36	1.65	1.09	-.35	.63	.97	.01	.69	1.72	.79	1.38
18	1.98	.45	1.43	1.00	-.29	.62	.94	.11	.70	1.83	.95	1.35
19	1.77	.38	1.32	.90	-.38	.52	.88	.16	.61	---	---	---
20	1.76	.36	1.30	.74	-.38	.45	1.00	.11	.64	1.84	.33	1.26
21	1.63	.37	1.17	.85	-.15	.51	1.04	-.12	.64	1.74	.35	1.19
22	1.26	.30	.83	.91	.09	.66	1.12	-.11	.74	2.04	.38	1.44
23	1.10	.15	.75	1.12	-.10	.69	1.50	.11	.97	1.90	.54	1.45
24	1.21	.48	.80	1.09	-.03	.68	1.44	-.07	.97	1.97	.17	1.29
25	1.22	.44	.86	1.23	.07	.77	1.46	-.16	.92	1.44	-.95	.35
26	1.23	.34	.85	1.34	-.10	.82	1.55	-.17	.96	1.14	-.57	.50
27	1.34	.15	.91	1.38	-.23	.84	1.55	-.12	.98	1.13	.30	.75
28	1.34	-.02	.89	1.40	-.30	.83	1.45	-.22	.97	1.22	.27	.84
29	1.38	-.50	.75	1.52	-.37	.89	1.34	-.11	.87	1.59	.46	1.12
30	1.45	-.39	.83	1.43	-.46	.86	1.05	-.27	.64	1.59	.46	1.19
31	---	---	---	1.51	-.27	.89	1.18	-.27	.62	---	---	---
MONTH	2.25	-.66	1.08	1.81	-.70	.77	1.55	-.27	.83	---	---	---

CALCASIEU RIVER BASIN

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.

WATER TEMPERATURE: May 1997 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 55,800 microsiemens, Sept. 7, 2000; minimum, 2,690 microsiemens, Jan. 23, 1998.

WATER TEMPERATURE: Maximum, 33.8°C, Sep. 14, 1998; minimum, 6.5°C, Jan. 30, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 55,800 microsiemens/cm, Sept. 7; minimum, 13,200 microsiemens/cm, May 14.

WATER TEMPERATURE: Maximum, 33.3°C, July 8; minimum, 6.5°C, Jan. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	41300	38900	40500	45500	39800	43000	45500	41300	44100	44000	34500	39800
2	41700	39300	40900	45500	37300	41000	47200	42200	44600	44900	39600	42700
3	41400	39300	40800	46100	40100	44700	47300	43200	45100	45900	42000	44600
4	41500	39600	40700	46000	44400	45400	45800	35800	40900	45000	35500	39600
5	41700	38300	40700	46900	43700	45400	41500	36200	39000	48100	35100	40900
6	40800	38600	40100	47200	43600	45800	46600	39100	42500	48100	42800	46600
7	40500	38200	39600	46700	40900	44700	46300	42600	44500	48300	40000	45500
8	39000	37100	38100	47400	40900	44800	45600	43000	44700	48300	43400	46200
9	40400	37200	39600	47600	39900	45500	45900	41600	44000	47200	40900	45200
10	40300	34400	38700	47600	41900	45800	45100	41400	43100	47100	41700	45100
11	40600	34300	37600	47300	40200	44300	45000	43100	44400	47100	43000	45600
12	40400	34300	37600	46900	40100	43800	46200	41700	44400	46600	42600	44600
13	40000	37200	38400	47000	41200	44500	44400	40700	41700	46800	41100	44300
14	40200	36900	38600	45700	41000	43800	45100	44000	44600	44800	38700	42200
15	39300	37400	38400	46300	40700	43200	45200	39000	42100	45000	42400	44000
16	39200	36700	38000	46700	42000	45200	45100	43200	44600	44400	41600	43300
17	39800	37400	38500	46000	42500	44500	45600	44100	44900	44300	35600	39600
18	40600	36800	39600	46000	43700	45300	45800	39100	42800	40600	34800	37900
19	40200	38500	39600	45800	44000	44900	46100	39200	42500	42900	35500	39300
20	40000	35700	39000	45300	43200	44600	46100	38600	41600	46400	38300	42100
21	41200	38000	40500	45600	42200	44500	45600	34400	40600	46700	38100	43700
22	42500	38800	40700	45300	40800	43100	47000	34500	40100	47600	44500	46200
23	42700	37100	39800	42700	39000	41200	45600	36000	41500	47700	41600	45400
24	44000	38700	41400	43100	38600	41200	43100	32000	36700	47000	37800	41500
25	43900	39600	42000	41500	38900	40800	41000	31800	36400	45400	42300	44500
26	44500	39900	42700	43600	38000	40400	41000	31700	36500	46000	39100	41600
27	44400	40300	42900	43700	23900	34500	39600	31200	35000	47200	40600	44600
28	44700	40500	43100	44200	34300	42100	39600	31400	34200	45300	37200	39400
29	44800	40800	43500	43200	37400	41500	40400	34900	37200	45700	37500	41100
30	45400	40600	43100	43800	39800	41700	41600	37600	39400	47600	37800	42500
31	45700	40100	43200	---	---	---	42600	37200	40800	48100	40100	45500
MONTH	45700	34300	40300	47600	23900	43400	47300	31200	41400	48300	34500	43100

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	48100	39900	45200	43000	39600	41100	46000	42300	44500	43900	36400	40500
2	47800	39600	44300	45600	39400	41800	46000	42300	44400	44400	34300	40100
3	47600	40700	44800	45800	41200	44300	43800	38500	41400	40300	31300	35300
4	46900	40200	44200	45300	39800	42400	42300	38900	40000	36100	27700	32600
5	47000	38700	42600	45300	40700	43800	45800	39000	43900	32500	26200	29000
6	47300	41500	45700	45500	42600	44500	45000	39800	44100	30200	24900	26900
7	47400	41700	45200	46000	43400	44700	45000	37900	43100	26500	20000	24100
8	46100	41300	44200	48000	41700	45600	40900	36200	37500	24900	17500	21900
9	46100	38200	41700	45000	36500	42000	44200	37100	41300	21300	15400	19300
10	46300	39900	44200	43400	34200	37600	44000	42200	43300	27000	15000	20400
11	46200	42900	44500	41500	35500	39400	43800	40700	42200	22200	14300	19800
12	45500	40900	43700	42400	34800	39700	40700	33900	36900	21600	14200	19000
13	44600	42300	43400	---	---	---	37700	34700	36200	18400	14100	15600
14	43600	41300	42700	---	---	---	36300	33300	34800	22800	13200	15600
15	42900	39600	41500	---	---	---	35600	34000	34900	27200	14700	19600
16	41600	39300	40600	---	---	---	34900	33700	34400	33000	18400	27400
17	41400	38600	40400	---	---	---	34700	32300	33800	39600	21700	33000
18	41500	38800	40100	---	---	---	37200	30800	33500	40400	28300	36900
19	42600	37700	40100	---	---	---	37600	31200	35900	35000	25100	31100
20	44000	40500	41800	---	---	---	37100	30700	35300	33700	24600	27500
21	44200	40800	42700	---	---	---	36500	26600	31000	37400	25800	30600
22	44700	41200	42800	---	---	---	41100	28700	36800	40300	27100	33600
23	45200	42200	44400	---	---	---	39600	35500	36700	42400	28100	36900
24	44400	37700	40400	---	---	---	39600	34400	36800	40300	28600	35000
25	39400	32800	35600	---	---	---	40600	31700	37200	41200	25200	34200
26	38100	32500	35900	---	---	---	40900	32400	37200	39900	31900	37800
27	40100	36300	38300	---	---	---	41500	33500	38300	39800	29400	35700
28	39600	37200	38900	---	---	---	41600	34800	38400	36600	24900	29400
29	41200	39100	40000	42400	38400	40200	43100	31400	37600	29500	23900	26800
30	---	---	---	41700	38300	40500	43200	40900	42700	37100	24500	28900
31	---	---	---	44600	40100	42100	---	---	---	39300	25400	33700
MONTH	48100	32500	42100	---	---	---	46000	26600	38500	44400	13200	29000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	39600	28600	36100	47900	34700	43300	54300	39700	48900	53000	47400	49700
2	39800	27900	35300	47800	34500	44100	53700	40900	48700	52600	44300	48100
3	37500	26900	31700	48000	36300	44300	52400	41700	46900	54100	42500	46600
4	33300	24200	30100	47900	36500	44100	52200	42600	46100	55200	42400	49700
5	36400	22500	28500	46800	36900	43300	47700	41200	43700	55700	43800	50300
6	36200	20000	27800	45300	36300	40500	49100	40200	45100	55400	45300	50800
7	31400	18600	25800	45500	36200	38900	52600	41300	47400	55800	44900	52200
8	29900	21500	25800	41300	34900	37300	54300	42800	50200	55300	44600	50900
9	---	---	---	45000	33400	38400	53800	42700	48300	55500	45000	52200
10	---	---	---	46500	35300	41800	53300	42200	47300	51000	46800	49000
11	---	---	---	47300	33700	40700	53600	42400	49400	49500	42600	45000
12	---	---	---	47900	32800	40200	50200	41700	47300	48300	39900	41900
13	---	---	---	49300	32600	40100	51200	41900	47300	45400	37900	41600
14	---	---	---	49500	32300	40400	50400	41900	48200	44800	38900	42000
15	---	---	---	50100	32000	43300	50400	44100	47900	45100	40600	43200
16	---	---	---	52400	34600	46700	49700	43400	46900	45300	41600	44200
17	---	---	---	52500	36300	46800	49900	43100	47200	45300	41600	44000
18	---	---	---	52500	35700	47100	50300	44400	47000	46500	42900	45200
19	---	---	---	50500	36300	44500	50200	43400	45700	---	---	---
20	32400	29900	31500	53400	36700	46900	50800	41000	45900	48400	45100	46900
21	32200	29800	31100	52900	38500	46500	52200	40800	46000	45100	41400	44300
22	35300	29000	31300	53300	41800	46900	52600	41700	47600	42100	38200	39600
23	38100	29700	33000	53800	40100	45900	53400	42400	49100	41800	39500	40200
24	40000	31300	34000	45900	34100	40100	52800	42200	48600	42700	37000	39300
25	41900	32900	35700	49900	35100	42700	52300	42400	48000	43400	39100	42000
26	40400	32700	36300	53200	34900	44100	51800	43600	48700	43900	42300	43100
27	42400	32100	36800	53900	37100	47200	51500	43800	49600	43900	42900	43400
28	43600	32400	38500	53100	38200	48200	51700	44800	49700	44100	41100	42900
29	45800	32000	38700	53400	40500	50300	51700	44500	48900	45000	40700	43800
30	46400	32000	42100	54100	41900	50000	51300	44700	47700	45000	43300	44400
31	---	---	---	54300	40900	48600	52800	45900	49300	---	---	---
MONTH	---	---	---	54300	32000	44000	54300	39700	47700	---	---	---

CALCASIEU RIVER BASIN

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	25.0	23.6	24.4	22.0	20.8	21.4	17.8	16.4	17.3	14.4	13.9	14.2
2	24.9	24.2	24.6	21.3	18.2	19.5	17.7	16.5	17.3	15.5	14.4	15.1
3	26.2	24.7	25.3	19.7	18.7	19.5	18.2	17.6	17.9	16.9	15.4	15.8
4	27.4	25.5	26.1	19.4	18.8	19.2	18.4	17.8	18.0	15.7	14.1	15.0
5	26.5	23.6	25.3	19.4	18.3	19.0	18.1	16.5	17.5	14.1	11.8	13.2
6	24.3	23.1	23.9	19.8	18.5	19.2	17.8	14.3	16.1	13.5	11.7	12.9
7	24.3	23.1	23.8	19.9	18.4	19.2	17.3	14.6	16.2	13.6	11.8	12.8
8	24.7	24.2	24.4	20.2	18.6	19.5	16.5	14.7	15.7	13.9	12.6	13.3
9	24.9	24.4	24.5	20.5	19.0	19.9	16.9	15.1	16.1	14.2	13.8	14.0
10	25.8	24.4	24.9	21.1	19.8	20.4	16.4	14.6	15.3	14.9	14.0	14.4
11	25.8	25.1	25.5	21.4	20.3	20.9	16.5	15.0	15.7	15.4	14.5	14.8
12	26.1	25.1	25.6	21.1	20.3	20.7	16.8	16.3	16.5	16.5	15.0	15.5
13	26.7	25.6	26.1	20.9	19.6	20.3	16.5	15.3	15.8	17.9	15.3	16.6
14	27.4	26.1	26.6	21.4	20.0	20.7	16.0	15.5	15.7	16.9	14.7	15.3
15	27.2	26.5	26.8	21.6	20.3	20.9	16.0	13.2	14.3	14.8	13.8	14.4
16	27.4	26.5	26.9	20.8	19.6	20.2	14.7	13.5	14.5	15.2	14.2	14.7
17	27.8	26.7	27.2	20.4	19.5	19.9	14.8	13.5	14.3	15.8	14.9	15.4
18	27.2	23.9	25.4	20.3	19.5	20.0	14.6	13.9	14.3	16.4	15.6	16.1
19	25.0	19.1	22.0	20.5	19.8	20.1	15.1	13.1	14.2	16.9	16.1	16.3
20	21.8	18.1	19.5	20.9	20.2	20.6	14.9	12.7	13.6	17.2	15.4	16.4
21	21.6	19.2	20.9	21.0	20.4	20.7	13.4	10.8	11.9	15.7	12.9	14.4
22	22.0	19.5	21.0	21.1	20.6	20.9	13.1	8.4	10.6	15.0	14.2	14.6
23	21.9	18.8	20.4	21.3	20.8	21.0	13.1	9.7	11.7	15.8	14.9	15.3
24	21.3	17.8	19.9	20.9	19.3	19.9	12.8	10.1	11.4	15.5	14.1	14.7
25	20.7	17.1	19.2	19.8	16.9	18.1	12.6	9.9	11.3	14.7	13.5	14.2
26	21.0	17.9	19.6	18.3	15.1	17.1	12.6	10.1	11.7	13.9	10.8	12.0
27	21.3	18.9	20.3	18.5	16.5	17.7	13.0	11.4	12.1	13.1	9.9	11.4
28	21.5	20.0	21.0	18.5	17.5	18.0	13.0	11.5	12.0	10.8	8.0	8.7
29	21.6	21.1	21.3	18.4	17.4	18.0	13.3	11.4	12.4	10.7	7.2	8.7
30	22.6	21.5	21.9	18.2	16.3	17.2	13.4	12.4	13.0	11.5	6.5	8.7
31	22.3	21.1	21.8	---	---	---	14.2	13.4	13.9	11.5	7.6	10.2
MONTH	27.8	17.1	23.4	22.0	15.1	19.7	18.4	8.4	14.5	17.9	6.5	13.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	11.4	8.9	10.3	20.0	19.0	19.4	22.5	22.0	22.3	24.7	23.5	24.0
2	11.0	9.4	10.2	21.5	19.9	20.5	23.1	22.4	22.7	24.2	23.4	23.7
3	11.5	10.0	10.7	21.6	20.4	21.0	23.0	20.9	22.3	23.6	22.9	23.2
4	11.9	10.3	11.3	20.4	18.6	19.5	20.9	18.6	19.5	24.0	23.1	23.5
5	11.7	10.0	10.9	20.3	17.1	18.9	21.4	19.3	20.7	24.9	23.6	24.1
6	11.8	10.0	11.1	20.0	18.5	19.3	20.9	20.2	20.6	25.2	24.4	24.8
7	11.8	11.2	11.6	20.4	19.5	20.0	21.8	20.6	21.0	25.9	24.6	25.2
8	12.7	11.4	11.9	21.4	20.1	20.7	21.8	19.4	20.7	26.3	25.2	25.7
9	13.3	11.9	12.4	21.9	20.8	21.4	20.3	18.4	19.7	26.9	25.4	26.1
10	13.8	12.5	13.1	22.4	21.5	22.0	20.1	19.0	19.6	27.6	25.8	26.5
11	15.4	13.3	14.3	22.7	19.2	21.5	21.5	19.6	20.3	27.6	26.2	27.0
12	15.5	14.3	15.2	20.2	18.2	19.6	21.5	20.2	20.8	27.5	26.6	27.1
13	16.6	15.3	15.7	20.0	18.7	19.5	21.1	20.3	20.6	27.3	26.5	27.0
14	16.8	15.4	15.9	19.7	18.5	19.1	20.5	19.4	19.8	26.8	24.8	25.9
15	17.9	16.2	17.1	19.1	18.3	18.8	20.3	19.2	19.8	26.2	23.8	25.4
16	17.5	16.8	17.2	20.1	18.9	19.4	21.6	20.2	20.7	26.7	25.3	25.9
17	18.5	17.2	17.9	20.6	19.6	20.2	23.5	21.4	22.0	26.5	25.9	26.2
18	19.2	17.7	18.6	20.7	20.0	20.5	24.6	22.2	23.5	27.0	26.1	26.5
19	19.3	17.5	18.5	20.5	19.0	19.8	24.5	23.4	23.9	27.8	26.3	26.9
20	17.7	15.4	16.6	19.8	18.9	19.3	24.9	23.8	24.4	27.2	26.4	26.8
21	16.9	16.1	16.5	19.6	19.1	19.3	25.3	24.0	24.6	28.6	26.4	27.1
22	17.3	16.3	16.8	20.4	19.3	19.7	24.2	23.0	23.4	29.3	27.0	27.7
23	17.6	17.0	17.3	21.2	20.1	20.5	23.2	22.6	22.9	28.7	27.1	27.6
24	19.0	17.4	18.3	22.0	20.8	21.3	24.7	23.0	23.5	28.5	27.2	27.7
25	20.0	18.6	19.4	22.3	21.3	21.9	24.2	23.1	23.4	28.5	27.5	27.9
26	20.5	19.6	20.1	22.8	22.2	22.5	24.2	23.5	23.8	28.6	27.8	28.2
27	20.3	18.9	19.4	22.9	22.3	22.6	24.3	23.9	24.2	28.7	27.5	28.2
28	19.2	18.0	18.8	22.9	22.2	22.7	25.6	24.0	24.5	29.1	27.8	28.4
29	19.4	18.3	18.9	23.6	22.2	22.9	25.4	23.9	24.4	29.9	28.4	28.9
30	---	---	---	24.0	23.2	23.6	24.2	23.8	24.0	30.6	28.9	29.6
31	---	---	---	23.7	22.0	22.7	---	---	---	30.5	29.2	29.8
MONTH	20.5	8.9	15.4	24.0	17.1	20.6	25.6	18.4	22.1	30.6	22.9	26.5

08017118 CALCASIEU RIVER AT CAMERON, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.8	29.4	29.9	30.7	29.5	30.0	29.4	28.2	28.9	31.4	30.8	31.0
2	31.1	29.4	30.1	30.3	29.5	29.8	30.6	29.0	29.5	31.6	30.6	31.0
3	31.5	29.6	30.4	29.8	29.4	29.6	30.7	29.5	30.0	31.2	30.1	30.7
4	30.9	29.4	29.8	29.8	29.0	29.4	30.5	29.5	29.9	32.3	30.2	31.1
5	30.0	27.9	29.2	30.2	29.2	29.6	30.4	29.5	29.9	31.9	30.6	31.2
6	28.8	27.2	28.0	32.3	29.8	30.6	31.4	29.3	30.2	30.9	29.1	29.8
7	27.8	25.9	27.1	32.7	30.2	31.4	32.0	29.8	30.8	29.6	27.1	28.6
8	27.9	26.0	27.1	33.3	31.1	32.1	31.5	30.3	30.8	28.2	26.3	27.5
9	27.7	26.6	27.2	32.5	31.0	31.7	32.6	30.4	31.4	28.8	26.6	27.9
10	27.8	26.9	27.4	32.2	30.8	31.3	32.8	30.8	31.8	29.5	27.8	28.7
11	28.6	27.3	27.8	32.0	30.6	31.2	32.1	30.9	31.3	29.9	28.8	29.3
12	29.9	28.0	28.6	32.2	30.4	31.2	32.8	30.5	31.3	29.9	28.7	29.2
13	29.6	28.6	29.0	32.3	30.1	31.1	32.4	30.7	31.4	29.6	28.9	29.2
14	29.2	28.2	28.6	32.1	30.2	31.1	31.7	30.8	31.3	29.3	28.8	29.0
15	29.0	28.1	28.4	32.0	30.4	31.1	32.1	31.0	31.4	29.2	28.5	29.0
16	28.7	28.0	28.2	32.1	30.5	31.1	31.9	31.2	31.5	28.5	26.8	27.7
17	28.0	27.0	27.8	32.3	30.5	31.2	32.1	31.1	31.5	27.6	24.4	25.8
18	27.8	26.8	27.4	31.9	30.7	31.3	32.4	30.9	31.5	26.9	24.7	25.6
19	29.0	26.8	27.9	31.7	30.6	31.2	32.1	31.0	31.5	---	---	---
20	29.2	28.4	28.8	31.5	30.2	30.9	31.8	30.7	31.2	27.8	26.9	27.4
21	29.6	28.6	29.0	32.2	30.2	31.0	31.4	30.5	31.1	27.8	27.6	27.7
22	31.0	29.0	29.7	32.7	30.1	31.1	31.0	30.6	30.8	28.1	27.4	27.7
23	31.4	29.2	30.2	31.2	30.0	30.8	30.9	29.5	30.2	29.0	27.7	28.2
24	31.3	29.3	30.4	30.8	28.6	29.9	30.2	29.2	29.7	29.5	28.2	28.7
25	31.6	29.6	30.7	31.2	29.5	30.4	31.1	29.3	30.3	29.2	24.6	27.2
26	31.5	30.1	30.8	31.5	29.8	30.7	32.3	30.3	30.9	26.1	23.7	25.3
27	31.1	30.1	30.6	31.8	30.1	30.8	32.0	30.6	31.0	25.0	23.0	24.2
28	31.1	29.5	30.2	31.8	30.3	30.9	31.5	30.6	31.0	24.7	22.3	23.5
29	30.8	29.3	29.9	31.6	30.4	30.8	31.5	30.7	31.1	24.5	22.4	23.4
30	31.5	29.5	30.0	31.0	30.0	30.4	31.4	30.9	31.2	24.6	22.6	23.6
31	---	---	---	30.3	28.3	29.4	31.3	30.8	31.1	---	---	---
MONTH	31.6	25.9	29.0	33.3	28.3	30.7	32.8	28.2	30.8	---	---	---

SABINE RIVER BASIN

08022040 SABINE RIVER NEAR BECKVILLE, TX

LOCATION.--Lat 32°19'38", long 94°21'12", Panola County, Hydrologic Unit 12010002, on downstream side of highway embankment near right end of downstream bridge on U.S. Highway 59, 0.9 mi upstream from Eightmile Creek, 6.0 mi upstream from Farm Road 1794, 8.4 mi northeast of Beckville, 12.4 mi downstream from State Highway 43 and at mile 327.0.

DRAINAGE AREA.--3,589 mi².

PERIOD OF RECORD.--Oct 1938 to current year. Prior to Oct 1978, published as "near Tatum" (station 08022000).

Water-quality records.--Chemical data: Feb 1952 to Mar 1999. Biochemical data: Jan 1968 to Mar 1999. Pesticide data: Mar 1968 to Jun 1981. Specific conductance: Feb 1952 to Sep 1998. Water temperature: Feb 1952 to Sep 1998.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 190.00 ft above sea level. Prior to Oct 1, 1978, at site 12.4 mi upstream at datum 14.18 ft higher. Prior to Sep 21, 1945, nonrecording gage. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. Since water year 1961, at least 10% of contributing drainage area has been regulated by Lake Tawakoni (station 08017400, conservation pool storage 888,130 acre-ft). Seven major upstream reservoirs with a combined capacity of more than 1,600,000 acre-ft now regulate flow. There are several diversions above this station and below Lake Tawakoni for municipal, industrial and oil field operations. Low flows are sustained by wastewater effluents that are returned to the river above the station. Flow may also be slightly affected at times by discharge from one floodwater retarding structure with a detention capacity of 3,570 acre-ft. This structure controls runoff from 9.70 mi² in the Mill Creek drainage basin. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--22 years (water years 1939-60) prior to regulation by Lake Tawakoni, 2,663 ft³/s (1,929,000 acre-ft/yr).

EXTREMES FOR PERIOD OF RECORD PRIOR TO REGULATION (WATER YEARS 1939-60).--Maximum discharge, 123,000 ft³/s Apr 4, 1945 (gage height, 33.80 ft), site and datum then in use, from graph based on gage readings, from rating curve extended above 66,000 ft³/s on basis of partly estimated discharge measurement of 88,900 ft³/s; minimum observed, 2.4 ft³/s Aug 11, 1964. Maximum stage since at least 1884, that of Apr 4, 1945.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in May 1884 reached a stage of about 2 ft lower than flood of Apr 4, 1945. These dates and gage heights are based on information for Sabine River near Tatum (station 08022000) and Sabine River at Logansport, La. (station 08022500).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87	239	292	372	541	1120	1310	635	931	10700	204	71
2	75	232	276	355	545	1110	1240	668	629	11200	192	72
3	74	202	257	391	581	1080	2000	815	490	11400	187	78
4	85	205	295	392	522	1100	3260	1730	423	11200	180	76
5	82	186	422	391	444	917	3250	5420	1100	10800	176	69
6	70	197	508	337	400	722	2510	5590	2720	10000	176	65
7	77	199	381	326	355	631	1990	3560	1680	9210	172	72
8	120	188	361	381	327	586	1610	2340	783	8350	166	83
9	319	165	354	511	330	564	1330	1840	708	7490	159	103
10	320	168	369	461	322	553	1150	1500	827	6770	150	114
11	175	177	402	395	315	655	1080	1310	1070	6200	130	106
12	139	176	448	373	297	905	2270	1130	1300	5720	111	105
13	129	176	1110	322	283	816	4690	977	1380	5360	103	126
14	114	158	1160	280	292	800	4840	937	1080	4780	85	164
15	102	161	913	238	297	864	4140	784	904	4160	103	141
16	109	219	863	208	288	1040	3590	654	774	3630	128	134
17	116	200	863	202	282	1070	3290	604	725	3090	116	114
18	110	177	807	207	267	924	2880	578	1010	2590	108	92
19	99	162	763	202	290	974	2300	613	2430	2140	113	83
20	120	180	679	196	326	1010	1670	3110	3360	1680	127	83
21	122	190	531	182	307	859	1290	5990	3850	1170	120	92
22	108	197	448	169	294	812	997	6490	4410	786	114	108
23	97	185	424	180	282	1030	818	5570	5040	545	107	114
24	106	183	410	183	304	1370	698	4670	5450	384	119	105
25	143	228	402	184	338	1310	648	3650	5980	298	148	101
26	148	240	398	174	532	1400	570	2770	6730	263	124	151
27	125	259	400	168	1470	2080	510	2060	7520	250	106	146
28	103	307	361	260	1260	2010	720	1640	8560	244	99	115
29	97	316	359	500	1090	1650	838	1490	9570	240	94	107
30	107	302	382	526	---	1770	697	1290	10200	231	89	114
31	142	---	378	509	---	1830	---	1140	---	224	81	---
TOTAL	3820	6174	16016	9575	13181	33562	58186	71555	91634	141105	4087	3104
MEAN	123	206	517	309	455	1083	1940	2308	3054	4552	132	103
MAX	320	316	1160	526	1470	2080	4840	6490	10200	11400	204	164
MIN	70	158	257	168	267	553	510	578	423	224	81	65
AC-FT	7580	12250	31770	18990	26140	66570	115400	141900	181800	279900	8110	6160

08022040 SABINE RIVER NEAR BECKVILLE, TX--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2000, BY WATER YEAR (WY)

MEAN	669	1656	3239	3292	4005	4486	3934	4685	2809	1027	315	433
MAX	4325	8221	9866	10960	11930	13180	11330	21010	11580	4552	1725	3434
(WY)	1974	1975	1975	1992	1975	1997	1990	1966	1989	2000	1979	1974
MIN	42.5	82.1	144	239	322	317	355	317	77.5	32.1	36.7	33.8
(WY)	1964	1964	1966	1964	1996	1996	1971	1972	1971	1964	1969	1985

SUMMARY STATISTICS

FOR 1999 CALENDAR YEAR

FOR 2000 WATER YEAR

WATER YEARS 1961 - 2000z

ANNUAL TOTAL	925846		451999		2539	
ANNUAL MEAN	2537		1235		4857	1992
HIGHEST ANNUAL MEAN					311	1964
LOWEST ANNUAL MEAN						
HIGHEST DAILY MEAN	14200	Jan 1	11400	Jul 3	48100	May 2 1966
LOWEST DAILY MEAN	70	Oct 6	65	Sep 6	2.4	Aug 11 1964
ANNUAL SEVEN-DAY MINIMUM	79	Oct 1	72	Sep 1	3.8	Aug 7 1964
INSTANTANEOUS PEAK FLOW			11400	Jul 3	49400	May 2 1966
INSTANTANEOUS PEAK STAGE			24.75	Jul 3	38.87	Mar 30 1989
ANNUAL RUNOFF (AC-FT)	1836000		896500		1839000	
10 PERCENT EXCEEDS	7270		3600		7540	
50 PERCENT EXCEEDS	1110		388		870	
90 PERCENT EXCEEDS	119		106		92	

z Period of regulated streamflow.

08022500 SABINE RIVER AT LOGANSFORT, LA

LOCATION.--Lat 31°58'20", long 94°00'22", De Soto Parish, Louisiana-Shelby County, Texas State line at Logansport, Hydrologic Unit 120100004, on left bank just upstream from bridge on U.S. Highway 84, 3 mi upstream from Bayou Castor, 111 mi upstream from Toledo Bend Dam and at mile 267.1.

DRAINAGE AREA.--4,842 mi².

PERIOD OF RECORD.--Jul 1903 to Feb 1968 (daily discharge), Mar 1968 to current year (gage height).
Water-quality records.--Specific conductance: 1939 to 1945. Water temperature: 1939 to 1945.

REVISED RECORDS.--WSP 1312: 1903-6 (monthly and annual means). WSP 1732: 1929(M), 1933(M).

GAGE.--Water-stage recorder. Datum of gage is 147.72 ft above sea level. Jul 1, 1903, to Sep 30, 1956, nonrecording gage. Oct 1, 1956, to Jan 16, 1964, water-stage recorder 4,600 ft upstream. Jan 16, 1964, to Dec 10, 1968, water-stage recorder 4,700 ft upstream. All gages to present datum except prior to Dec 31, 1906, when datum was 2.00 ft lower. Satellite telemeter at station.

REMARKS.--Records good. Station discontinued as a daily streamflow station on Mar 1, 1968, due to backwater from storage in Toledo Bend Reservoir. Since water year 1960, at least 10% of contributing drainage area has been regulated by Lake Tawakoni (conservation pool storage 888,140 acre-ft) and three additional upstream reservoirs. Flow may also be slightly affected at times by discharge from one floodwater-retarding structure with a detention capacity of 3,570 acre-ft. This structure controls runoff from 9.70 mi² in the Mill Creek drainage basin. Numerous diversions above station for oil field operations, municipal and industrial uses.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--57 years (water years 1904-60), 3,325 ft³/s (2,407,000 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS, 1904-60).--Maximum discharge, 92,000 ft³/s Apr 8, 1945 (gage height, 44.07 ft, from floodmark); minimum, 16 ft³/s Sep 26-28, Oct 3, 4, 1939.

AVERAGE DISCHARGE FOR PERIOD AFTER REGULATION.--7 years (water years 1961-67), 2,252 ft³/s (1,632,00 acre-ft/yr).

EXTREMES FOR PERIOD AFTER REGULATION (WATER YEARS, 1961-67).--Maximum gage height, 34.78 ft Apr 16, 1991; minimum since initial filling of Toledo Bend Reservoir in Jun 1968, 16.85 ft Nov 9, 1987. Maximum discharge, 46,800 ft³/s May 6, 1966 (gage height, 38.46 ft); minimum, 25 ft³/s Aug 13, 1964.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in May 1884 reached a stage of 39.4 ft at present site and datum. Stage determined from high-water mark.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.56 ft, Jul 10; minimum gage height, 17.39 ft, Mar 11.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.02	18.72	18.33	18.56	18.04	18.00	19.86	22.13	23.76	24.91	23.11	21.13
2	18.99	18.52	18.77	18.45	18.04	18.46	20.70	22.33	23.67	25.07	22.99	20.96
3	18.97	18.71	18.67	18.24	18.05	17.63	21.41	22.45	23.61	25.19	23.15	20.97
4	18.90	18.73	18.30	18.24	17.96	18.02	21.70	23.45	23.87	25.26	22.90	20.93
5	18.91	18.61	18.12	18.35	18.05	18.05	21.93	24.29	23.76	25.36	22.79	20.80
6	18.85	18.56	18.36	18.25	18.09	18.11	21.85	24.49	23.90	25.40	22.81	20.52
7	18.95	18.52	18.53	18.24	18.01	18.25	21.37	24.59	23.99	25.39	22.76	20.50
8	18.95	18.51	18.40	18.28	18.15	18.19	21.13	24.59	23.82	25.46	22.63	20.47
9	18.98	18.55	18.16	18.24	18.28	18.06	21.46	24.14	23.73	25.52	22.50	20.80
10	18.99	18.45	18.41	18.28	18.15	18.17	21.35	23.64	23.71	25.48	22.42	20.65
11	18.95	18.46	18.32	18.35	17.91	18.01	21.03	23.61	23.65	25.26	22.49	20.37
12	18.95	18.49	18.10	18.32	18.21	18.19	22.17	23.46	23.66	24.98	22.37	20.47
13	18.93	18.51	18.47	18.22	18.00	18.22	22.95	23.26	---	24.57	22.29	20.27
14	18.93	18.46	18.29	18.30	18.00	18.39	23.11	23.34	23.86	24.21	22.35	20.20
15	18.95	18.44	18.43	18.33	18.16	18.52	23.10	23.36	23.83	24.18	22.25	20.11
16	18.88	18.45	18.45	18.30	18.05	18.39	23.02	23.48	23.93	24.17	22.05	20.04
17	18.80	18.43	18.41	18.27	18.18	18.44	22.68	23.72	23.95	24.09	22.11	20.04
18	18.83	18.72	18.57	18.20	17.48	18.76	22.56	23.26	23.67	24.13	21.94	20.03
19	18.85	18.39	18.45	17.97	18.04	18.83	22.80	23.15	23.81	23.97	21.87	20.13
20	18.82	18.43	18.25	18.12	18.07	18.89	22.19	23.85	23.97	23.86	21.81	19.83
21	18.82	18.55	18.42	18.56	18.09	18.88	22.20	24.18	23.89	23.76	21.68	19.80
22	18.67	18.44	18.40	18.10	18.36	19.07	22.35	24.42	23.96	23.82	21.83	19.93
23	18.76	17.99	18.41	17.91	18.03	19.31	22.32	24.71	24.04	23.75	21.66	20.06
24	18.75	18.26	18.35	18.21	18.16	19.15	22.20	24.91	24.17	23.68	21.58	19.61
25	18.71	18.40	18.41	17.92	18.17	19.15	22.20	24.85	24.25	23.44	21.46	19.45
26	18.67	18.37	18.36	18.06	17.95	19.42	22.19	24.68	24.27	23.38	21.47	19.57
27	18.68	18.48	18.12	18.24	18.07	19.77	22.01	24.14	24.31	23.47	21.47	19.50
28	18.67	18.34	18.36	17.86	18.31	20.21	22.16	23.95	24.35	23.35	21.31	19.46
29	18.76	18.21	18.36	17.96	18.29	20.11	22.11	23.91	24.47	23.19	21.18	19.36
30	18.84	18.34	18.44	18.10	---	19.87	22.38	23.80	24.68	23.29	21.11	19.40
31	18.82	---	18.32	18.11	---	20.03	---	23.78	---	23.14	21.05	---
MAX	19.02	18.73	18.77	18.56	18.36	20.21	23.11	24.91	---	25.52	23.15	21.13
MIN	18.67	17.99	18.10	17.86	17.48	17.63	19.86	22.13	---	23.14	21.05	19.36
CAL YR 1999	MAX	32.86	MIN	17.99								
WTR YR 2000	MAX	25.52	MIN	17.48								

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.

PEAK DISCHARGES 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)
Apr 3	1330	1,790	11.60	May 5	1430	*2,030	*11.83
Apr 13	1600	1,350	11.12				

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	.54	.88	.93	4.2	9.2	17	4.3	4.6	12	.00	.00
2	1.1	.44	.91	1.0	4.0	8.4	411	6.8	3.8	9.6	.00	.00
3	.91	.41	1.4	1.2	3.9	8.0	1440	76	3.3	8.4	.00	.00
4	.75	.33	1.8	1.2	4.1	7.6	1120	613	2.9	9.5	.00	.00
5	.63	.28	2.8	1.1	4.2	7.8	681	1700	3.6	16	.00	.00
6	.46	.29	2.2	1.1	4.2	8.1	174	941	11	12	.00	.00
7	.46	.28	1.9	1.1	4.2	8.3	32	370	16	10	.00	.00
8	4.5	e.26	1.7	1.5	4.3	8.0	17	57	7.5	8.2	.00	.00
9	9.4	e.28	1.6	1.9	4.2	7.8	14	23	5.9	6.6	.00	.00
10	3.2	e.30	1.8	2.0	4.3	8.0	11	53	6.5	6.0	.00	.00
11	1.4	.23	1.7	e2.5	4.4	11	8.1	83	8.2	4.9	.00	.00
12	1.7	.16	2.5	e3.0	4.4	13	394	28	7.4	3.6	.00	.00
13	2.2	.12	3.6	2.2	4.8	9.2	1140	17	6.0	2.7	.00	.00
14	1.3	.26	6.1	1.8	4.8	4.2	805	51	4.9	2.1	.00	.00
15	.96	.36	4.7	1.6	4.6	4.7	266	26	4.2	1.6	.00	.00
16	.63	.38	2.1	2.4	4.6	14	56	12	3.8	1.1	.00	.00
17	.47	.51	1.2	2.6	4.9	43	26	8.9	4.3	.76	.00	.00
18	.39	.56	1.2	2.6	5.0	22	15	7.5	4.7	.47	.00	.00
19	.38	.61	1.4	2.6	5.4	126	10	7.6	5.9	.21	.00	.00
20	.34	.67	.94	2.6	5.3	76	8.1	205	18	.03	.00	.00
21	.29	.69	.65	2.5	5.2	27	6.8	394	13	.00	.00	.00
22	.24	.72	.61	2.7	5.4	239	5.9	206	10	.00	.00	.00
23	.18	.86	1.1	2.7	5.3	353	5.3	32	9.5	.00	.00	.00
24	.10	.98	.91	2.6	5.5	207	4.8	14	9.3	.00	.00	.00
25	.07	1.0	.93	2.6	5.8	19	5.0	9.9	7.8	.00	.00	.00
26	.06	1.0	1.0	2.6	6.8	16	6.3	8.0	6.8	.00	.00	.00
27	.03	1.0	1.1	2.7	7.4	243	5.3	6.9	6.1	.00	.00	.00
28	.01	1.0	.78	3.3	7.3	444	4.6	7.9	5.9	.00	.00	.00
29	.00	1.0	.86	3.4	9.0	454	4.2	8.1	5.5	.00	.00	.00
30	.12	.93	.91	3.4	---	166	4.4	7.1	12	.00	.00	.00
31	.64	---	.83	3.4	---	60	---	5.6	---	.00	.00	---
TOTAL	34.32	16.45	52.11	68.83	147.5	2632.3	6697.8	4989.6	218.4	115.77	0.00	0.00
MEAN	1.11	.55	1.68	2.22	5.09	84.9	223	161	7.28	3.73	.000	.000
MAX	9.4	1.0	6.1	3.4	9.0	454	1440	1700	18	16	.00	.00
MIN	.00	.12	.61	.93	3.9	4.2	4.2	4.3	2.9	.00	.00	.00
AC-FT	68	33	103	137	293	5220	13290	9900	433	230	.00	.00
CFSM	.02	.01	.02	.03	.07	1.17	3.08	2.22	.10	.05	.00	.00
IN.	.02	.01	.03	.04	.08	1.35	3.44	2.56	.11	.06	.00	.00

MEAN	21.9	34.3	113	165	206	135	111	98.6	75.3	17.5	8.99	2.09
MAX	128	220	376	703	514	433	451	388	433	290	125	17.4
(WY)	1998	1987	1983	1999	1987	1997	1991	1990	1989	1989	1997	1998
MIN	.000	.000	.036	.39	1.94	.90	.49	.043	.033	.000	.000	.000
(WY)	1991	1996	1982	1981	1996	1996	1981	1996	1996	1984	1985	1982

SABINE RIVER BASIN

08023080 BAYOU GRAND CANE NEAR STANLEY, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1981 - 2000	
ANNUAL TOTAL	33396.06		14973.08		81.7	
ANNUAL MEAN	91.5		40.9		156	1989
HIGHEST ANNUAL MEAN					3.90	1996
LOWEST ANNUAL MEAN					6230	May 18 1989
HIGHEST DAILY MEAN	5570	Jan 30	1700	May 5		
LOWEST DAILY MEAN	a.00		a.00		b.00	
ANNUAL SEVEN-DAY MINIMUM	.06	Oct 24	a.00		b.00	
INSTANTANEOUS PEAK FLOW			2030	May 5	9740	Jan 29 1999
INSTANTANEOUS PEAK STAGE			11.83	May 5	15.48	Jan 29 1999
INSTANTANEOUS LOW FLOW			a.00		b.00	
ANNUAL RUNOFF (AC-FT)	66240		29700		59200	
ANNUAL RUNOFF (CFSM)	1.26		.56		1.13	
ANNUAL RUNOFF (INCHES)	17.14		7.68		15.31	
10 PERCENT EXCEEDS	87		27		176	
50 PERCENT EXCEEDS	7.5		2.6		4.0	
90 PERCENT EXCEEDS	.55		.00		.00	

e Estimated
a Many days
b Most years

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.53	2.63	3.00	3.43	3.89	4.18	4.47	3.67	3.45	3.54	2.39	2.01
2	2.52	2.61	3.02	3.47	3.88	4.14	8.39	3.82	3.39	3.44	2.39	2.01
3	2.51	2.60	3.13	3.50	3.87	4.12	11.19	5.47	3.35	3.36	2.38	1.99
4	2.52	2.58	3.19	3.51	3.89	4.10	10.80	9.12	3.32	3.39	2.37	1.98
5	2.53	2.57	3.32	3.51	3.90	4.11	9.97	11.50	3.38	3.68	2.36	1.96
6	2.52	2.57	3.27	3.52	3.90	4.13	6.65	10.49	3.73	3.52	2.35	1.94
7	2.56	2.57	3.24	3.53	3.90	4.14	4.72	8.28	4.00	3.42	2.33	1.93
8	2.95	---	3.23	3.60	3.90	4.12	4.28	5.07	3.62	3.33	2.31	1.91
9	3.48	---	3.24	3.67	3.90	4.11	4.16	4.27	3.51	3.24	2.30	1.91
10	3.02	---	3.27	3.68	3.91	4.12	4.05	4.87	3.53	3.21	2.28	1.90
11	2.79	2.56	3.28	---	3.91	4.28	3.91	5.54	3.63	3.13	2.26	1.89
12	2.83	2.55	3.38	---	3.91	4.36	8.15	4.42	3.57	3.04	2.25	1.88
13	2.91	2.55	3.50	3.72	3.93	4.17	10.82	4.06	3.47	2.96	2.23	1.87
14	2.79	2.59	3.70	3.67	3.93	3.89	10.25	4.95	3.38	2.90	2.21	1.87
15	2.72	2.64	3.62	3.65	3.93	3.91	7.54	4.36	3.32	2.84	2.19	1.86
16	2.65	2.66	3.39	3.74	3.93	4.37	5.25	3.85	3.28	2.77	2.17	1.84
17	2.61	2.70	3.28	3.76	3.94	5.16	4.57	3.72	3.30	2.71	2.16	1.82
18	2.60	2.72	3.30	3.76	3.94	4.59	4.19	3.64	3.32	2.66	2.15	1.81
19	2.60	2.76	3.34	3.76	3.97	6.44	4.01	3.65	3.38	2.62	2.13	1.80
20	2.58	2.78	3.28	3.76	3.96	5.77	3.91	6.79	3.95	2.58	2.11	1.79
21	2.57	2.80	3.24	3.75	3.96	4.74	3.83	8.67	3.72	2.55	2.10	1.79
22	2.56	2.82	3.24	3.76	3.97	7.57	3.78	6.91	3.58	2.53	2.08	1.79
23	2.55	2.87	3.34	3.76	3.96	8.48	3.74	4.53	3.54	2.50	2.07	1.79
24	2.54	2.91	3.33	3.76	3.98	7.09	3.71	3.95	3.52	2.48	2.08	1.78
25	2.53	2.94	3.35	3.76	3.99	4.54	3.72	3.77	3.42	2.46	2.12	1.83
26	2.52	2.95	3.37	3.76	4.05	4.36	3.80	3.67	3.36	2.45	2.11	1.81
27	2.52	2.96	3.40	3.77	4.09	7.55	3.74	3.61	3.31	2.43	2.10	1.81
28	2.51	2.98	3.35	3.82	4.09	9.08	3.70	3.67	3.28	2.42	2.09	1.79
29	2.51	2.99	3.38	3.83	4.17	9.14	3.66	3.68	3.24	2.41	2.07	1.79
30	2.54	2.99	3.41	3.84	---	6.87	3.68	3.62	3.58	2.40	2.04	1.78
31	2.65	---	3.40	3.83	---	5.47	---	3.52	---	2.40	2.02	---
MAX	3.48	---	3.70	---	4.17	9.14	11.19	11.50	4.00	3.68	2.39	2.01
MIN	2.51	---	3.00	---	3.87	3.89	3.66	3.52	3.24	2.40	2.02	1.78

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.

PERIOD OF RECORD.--Annual maximums, water years, 1954-68. Occasional low-flow measurements, water years 1954-63, October 1977 to current year.

GAGE.--Water-stage recorder. Datum of gage is 208.67 ft above sea level. Oct. 29, 1953 to Sept. 30, 1968, crest-stage gage at same site and datum.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

No peak greater than base discharge.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.87	.00	5.7	4.4	5.1	12	e44	11	9.8	2.2	.82	1.6
2	.66	.00	8.3	4.8	5.0	9.5	198	e113	7.4	1.8	.53	.49
3	.50	.00	6.6	8.7	7.8	8.9	e706	e329	e6.0	4.5	.27	.49
4	.38	.00	6.1	7.7	7.6	8.4	924	e387	e5.5	8.5	.07	.68
5	.26	.00	6.3	6.4	6.4	8.4	567	714	e6.5	6.0	.15	.61
6	.16	.00	8.2	5.6	5.6	8.0	e147	718	e20	2.9	.66	.46
7	.13	.00	12	5.3	5.3	8.7	44	234	e35	1.8	.47	.36
8	.28	.00	10	5.2	5.0	11	32	52	e12	2.1	.66	.24
9	.36	.00	7.5	4.9	7.2	9.9	28	32	e8.0	1.7	1.0	e.12
10	.31	.00	6.3	4.8	6.3	9.8	22	213	e9.9	.98	.75	e.00
11	.24	.00	5.7	7.5	5.8	10	18	195	e13	.71	.48	e.00
12	.17	.00	5.6	7.1	5.6	10	e308	54	e9.0	.61	.25	e.00
13	.08	.00	6.0	5.7	5.6	13	e749	53	e6.5	.48	.00	e.40
14	.00	.00	12	5.4	9.1	12	e651	74	e5.3	.41	.00	.98
15	.00	.00	11	5.2	8.3	e11	194	34	e4.9	.41	.00	1.3
16	.00	.00	13	6.7	7.4	13	61	23	e4.6	1.6	.00	.57
17	.00	.00	8.3	10	7.4	e17	40	17	4.2	1.1	.49	.38
18	.00	.00	7.1	8.0	7.5	17	28	14	3.8	.62	.45	.25
19	.00	.00	6.5	6.7	7.4	e184	23	14	27	.35	.09	.20
20	.00	.00	6.1	6.1	7.3	297	20	165	26	.26	.00	.42
21	.00	.00	6.1	5.5	7.6	e197	17	346	9.1	.18	.00	.28
22	.00	.00	12	5.1	11	e77	e15	145	4.4	.15	.00	.20
23	.00	.00	9.1	4.8	9.3	266	e14	41	4.3	.72	.00	.12
24	.00	.00	6.5	4.5	8.9	195	13	23	5.6	.48	.00	.57
25	.00	.00	5.6	4.3	8.8	42	32	17	2.9	.32	.02	.59
26	.00	.45	5.2	4.2	9.1	44	18	13	1.9	.32	.18	.30
27	.00	6.2	5.0	7.0	8.7	204	e17	9.2	3.1	.17	.09	.15
28	.00	5.8	4.8	e7.5	11	247	15	9.2	2.1	.07	.02	.02
29	.00	5.6	4.5	6.5	15	e122	15	9.3	1.8	1.2	.00	.00
30	.00	5.2	4.3	5.8	---	e197	16	8.4	1.9	1.2	.00	.00
31	.00	---	4.3	5.3	---	89	---	10	---	1.1	.01	---
TOTAL	4.40	23.25	225.7	186.7	222.1	2358.6	4976	4077.1	261.5	44.94	7.46	11.78
MEAN	.14	.77	7.28	6.02	7.66	76.1	166	132	8.72	1.45	.24	.39
MAX	.87	6.2	13	10	15	297	924	718	35	8.5	1.0	1.6
MIN	.00	.00	4.3	4.2	5.0	8.0	13	8.4	1.8	.07	.00	.00
AC-FT	8.7	46	448	370	441	4680	9870	8090	519	89	15	23
CFSM	.00	.01	.09	.08	.10	.95	2.07	1.64	.11	.02	.00	.00
IN.	.00	.01	.10	.09	.10	1.09	2.31	1.89	.12	.02	.00	.00

MEAN	16.3	37.2	122	193	216	147	142	114	73.0	18.7	8.46	11.0
MAX	126	305	478	971	592	347	544	530	574	288	65.8	85.0
(WY)	1998	1987	1983	1999	1983	1995	1991	1983	1989	1989	1996	1991
MIN	.000	.000	.000	.18	1.76	8.84	1.50	2.11	.000	.000	.000	.000
(WY)	1981	1981	1981	1981	1981	1996	1981	1988	1988	1978	1980	1980

SABINE RIVER BASIN

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1978 - 2000	
ANNUAL TOTAL	40533.76		12399.53		90.9	
ANNUAL MEAN	111		33.9		190	
HIGHEST ANNUAL MEAN					10.6	
LOWEST ANNUAL MEAN					1981	
HIGHEST DAILY MEAN	8990	Jan 30	924	Apr 4	10700	May 18 1989
LOWEST DAILY MEAN	.00	Aug 20	a.00		b.00	
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 14	.00	Oct 14	b.00	
INSTANTANEOUS PEAK FLOW			1090	May 5	21300	Sep 20 1958
INSTANTANEOUS PEAK STAGE			15.72	May 5	21.19	May 18 1989
INSTANTANEOUS LOW FLOW			a.00		b.00	
ANNUAL RUNOFF (AC-FT)	80400		24590		65850	
ANNUAL RUNOFF (CFSM)	1.38		.42		1.13	
ANNUAL RUNOFF (INCHES)	18.80		5.75		15.40	
10 PERCENT EXCEEDS	115		46		184	
50 PERCENT EXCEEDS	6.2		5.3		6.7	
90 PERCENT EXCEEDS	.00		.00		.00	

a Many days
b At times most years
e Estimated

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.98	6.43	7.16	7.06	7.11	7.59	---	7.24	7.32	6.72	6.78	7.12
2	6.95	6.41	7.38	7.09	7.11	7.46	11.45	---	7.14	6.68	6.73	6.95
3	6.91	6.39	7.26	7.40	7.33	7.42	---	---	---	6.94	6.66	6.98
4	6.88	6.36	7.21	7.34	7.33	7.39	15.30	---	---	7.34	6.59	7.04
5	6.85	6.35	7.22	7.24	7.23	7.39	14.50	15.18	---	7.14	6.61	7.03
6	6.81	6.33	7.35	7.16	7.17	7.36	---	15.17	---	6.85	6.79	7.01
7	6.80	6.31	7.62	7.13	7.13	7.41	8.88	12.36	---	6.73	6.76	6.98
8	6.85	6.29	7.51	7.12	7.11	7.55	8.39	9.16	---	6.76	6.80	6.95
9	6.88	6.27	7.32	7.09	7.30	7.49	8.19	8.37	---	6.73	6.88	---
10	6.86	6.25	7.22	7.09	7.23	7.47	7.93	12.12	---	6.62	6.84	---
11	6.84	6.23	7.17	7.30	7.18	7.50	7.66	12.02	---	6.59	6.80	---
12	6.81	6.22	7.16	7.29	7.16	7.51	---	9.21	---	6.58	6.73	---
13	6.78	6.20	7.20	7.17	7.16	7.69	---	9.20	---	6.56	6.61	---
14	6.75	6.18	7.61	7.15	7.43	7.62	---	9.84	---	6.55	6.54	7.16
15	6.72	6.16	7.57	7.13	7.38	---	11.77	8.46	---	6.55	6.49	7.23
16	6.69	6.13	7.67	7.23	7.31	7.65	9.46	7.95	---	6.76	6.43	7.12
17	6.67	6.11	7.38	7.50	7.32	---	8.71	7.64	6.85	6.71	6.79	7.08
18	6.63	6.10	7.29	7.36	7.32	7.87	8.22	7.44	6.80	6.63	6.85	7.04
19	6.62	6.08	7.24	7.26	7.32	---	7.93	7.41	7.97	6.57	6.69	7.03
20	6.60	6.08	7.20	7.20	7.31	13.01	7.78	11.13	8.17	6.54	6.54	7.11
21	6.57	6.06	7.21	7.15	7.33	---	7.60	13.66	7.27	6.52	6.48	7.07
22	6.54	6.04	7.63	7.12	7.53	---	---	11.19	6.89	6.51	6.40	7.05
23	6.51	6.06	7.43	7.09	7.44	12.72	---	8.80	6.88	6.69	6.32	7.03
24	6.48	6.06	7.24	7.06	7.42	11.72	7.36	8.09	7.01	6.65	6.25	7.18
25	6.45	6.06	7.16	7.04	7.41	8.78	8.36	7.74	6.76	6.60	6.33	7.20
26	6.42	6.31	7.13	7.03	7.43	8.78	7.69	7.54	6.64	6.61	6.82	7.12
27	6.40	7.22	7.11	7.27	7.40	12.14	---	7.28	6.80	6.57	6.79	7.08
28	6.37	7.18	7.09	---	7.54	12.59	7.49	7.28	6.69	6.54	6.77	7.04
29	6.35	7.16	7.06	7.24	7.77	---	7.47	7.29	6.66	6.81	6.74	7.01
30	6.35	7.13	7.05	7.18	---	---	7.55	7.22	6.67	6.83	6.71	6.98
31	6.44	---	7.04	7.14	---	10.16	---	7.33	---	6.82	6.64	---
MAX	6.98	7.22	7.67	---	7.77	---	---	---	---	7.34	6.88	---
MIN	6.35	6.04	7.04	---	7.11	---	---	---	---	6.51	6.25	---

08025350 TOLEDO BEND RESERVOIR NEAR BURKEVILLE, TX

LOCATION.--Lat 31°10'25", long 93°33'57", Newton County, Hydrologic Unit 12010004, in powerhouse at right end of Toledo Bend Dam on Sabine River, 15 mi northeast of Burkeville and at mile 156.5.

DRAINAGE AREA.--7,178 mi².

PERIOD OF RECORD.--Oct 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by Sabine River Authority of Texas). Prior to Jul 20, 1967, nonrecording gage at same site and datum. Jul 20, 1967, to Jun 30, 1973, recording gage at right end of spillway 1.6 mi north of present site and at same datum. Satellite telemeter at station.

REMARKS.--Records good. The reservoir is formed by a rolled earthfill dam. Closure of embankment completed and deliberate impoundment began Oct 3, 1966. The reservoir is operated for hydro-electric power generation and water conservation. Releases during high inflow periods are controlled by eleven 40 x 28-foot tainter gates. An 8.33 by 12-foot gated conduit through the dam is used for low-flow releases. Two additional 20-inch-diameter conduits, that bypass the larger conduit, may also be used for low-flow releases. Water for turbines is admitted through four 16.75 by 29-foot penstocks and controlled by vertically operated caterpillar-type gates. The capacity table is based on U.S. Geological Survey topographic maps. Since water year 1961, at least 10% of contributing drainage area has been regulated by Lake Tawakoni (station 08017400), conservation pool storage 888,130 acre-ft, Lake Fork Creek Reservoir (station 08018800), conservation pool storage 635,200 acre-ft, and by five tributary reservoirs with a combined total capacity of 42,370 acre-ft. There are many diversions above station for oil field operations and municipal supply. Conservation pool storage is 4,472,900 acre-ft. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam.....	185.0
Design flood.....	175.3
Top of gates.....	173.0
Top of power drawdown storage (top of conservation pool).....	172.0
Top of power head storage.....	162.2
Crest of spillway (controlled).....	145.0
Lowest gated outlet (invert).....	100.0

COOPERATION.--Capacity table furnished by the Sabine River Authority.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 4,840,000 acre-ft, May 18, 1989, elevation, 173.95 ft; minimum since initial filling of reservoir in Jun 1968, 3,290,000 acre-ft, Nov 14, 15, 1987 and Oct 20, 1994, elevation, 164.78 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 4,533,000 acre-ft, Jul 11, elevation, 172.31 ft; minimum contents, 3,410,000 acre-ft, Mar 10, elevation, 165.58 ft.

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3611000	3575000	3479000	3489000	3475000	3458000	3628000	4101000	e4366000	4426000	4252000	3912000
2	3609000	3577000	3465000	3498000	3468000	3441000	3687000	4121000	4362000	4447000	4236000	3908000
3	3611000	3538000	3484000	3518000	3481000	3493000	3777000	4128000	4356000	4442000	4213000	3905000
4	3612000	3533000	3512000	3512000	3481000	3458000	3806000	4184000	4372000	4465000	4205000	3905000
5	3602000	3544000	3535000	3493000	3464000	3452000	3823000	4165000	e4375000	4469000	4201000	3861000
6	3597000	3546000	3506000	3501000	3461000	3450000	3838000	4219000	e4378000	4482000	4193000	3854000
7	3595000	3546000	3501000	3498000	3465000	3447000	3885000	4243000	4374000	4491000	4175000	3842000
8	3614000	3541000	3496000	3498000	3462000	3441000	3890000	4250000	4367000	4505000	4172000	3821000
9	3625000	3537000	3518000	3502000	3450000	3446000	3864000	4281000	4361000	4502000	4168000	3814000
10	3616000	3540000	3498000	3495000	3459000	3482000	3861000	4288000	4367000	4513000	4163000	3814000
11	3614000	3541000	3499000	3485000	3461000	3487000	3913000	4281000	4370000	4487000	4158000	3811000
12	3611000	3535000	3538000	3492000	3456000	3471000	3948000	4278000	4365000	4483000	4147000	3818000
13	3608000	3530000	3510000	3502000	3465000	3470000	3977000	4326000	4340000	4465000	4139000	3803000
14	3605000	3530000	3563000	3485000	3462000	3456000	4007000	4326000	4342000	4467000	4116000	3795000
15	3597000	3530000	3515000	3481000	3456000	3479000	4023000	4297000	4344000	4456000	4108000	3783000
16	3600000	3524000	3509000	3489000	3462000	3499000	4057000	4274000	4340000	4453000	4099000	3778000
17	3614000	3516000	3509000	3481000	3452000	3498000	4082000	4254000	4338000	4438000	4067000	3770000
18	3592000	3501000	3524000	3487000	3504000	3561000	4084000	4271000	4360000	4413000	4058000	3750000
19	3597000	3523000	3521000	3509000	3461000	3546000	4028000	4273000	4354000	4404000	4055000	3729000
20	3589000	3515000	3554000	3487000	3453000	3546000	4106000	4302000	4354000	4392000	4057000	3734000
21	3581000	3506000	3527000	3458000	3447000	3566000	4101000	4320000	4363000	4381000	4052000	3724000
22	3581000	3507000	3524000	3479000	3431000	3578000	4089000	4322000	4363000	4369000	4036000	3711000
23	3578000	3546000	3523000	3506000	3450000	3574000	4128000	4318000	4358000	4378000	4013000	3705000
24	3568000	3530000	3521000	3473000	3438000	3583000	4115000	4336000	4356000	4358000	4004000	3732000
25	3561000	3512000	3516000	3490000	3432000	3592000	4114000	4352000	4365000	4340000	3987000	3735000
26	3561000	3499000	3518000	3465000	3461000	3614000	4116000	4351000	4376000	4315000	3982000	3700000
27	3560000	3493000	3552000	3485000	3455000	3623000	4114000	4419000	4390000	4290000	3973000	3687000
28	3554000	3504000	3512000	3487000	3441000	3614000	4113000	4395000	4401000	4281000	3963000	3676000
29	3541000	3509000	3502000	3485000	3449000	3606000	4103000	4390000	4410000	4288000	3955000	3660000
30	3560000	3495000	3502000	3471000	---	3622000	4089000	4383000	4417000	4288000	3941000	3655000
31	3561000	---	3507000	3468000	---	3614000	---	e4374000	---	4278000	3920000	---
MAX	3625000	3577000	3563000	3518000	3504000	3623000	4128000	4419000	4417000	4513000	4252000	3912000
MIN	3541000	3493000	3465000	3458000	3431000	3441000	3628000	4101000	4338000	4278000	3920000	3655000
(+)	166.57	166.14	166.22	165.97	165.84	166.91	169.80	171.43	171.67	170.89	168.80	167.17
(@)	-53000	-66000	+12000	-39000	-19000	+165000	+475000	+285000	+43000	-139000	-358000	-265000

CAL YR 1999 MAX 4800000 MIN 3465000 (@) -665000
WTR YR 2000 MAX 4513000 MIN 3431000 (@) +41000

e Estimated

(+) Elevation, in feet, at end of month.
(@) Change in contents, in acre-feet

SABINE RIVER BASIN

08025360 SABINE RIVER AT TOLEDO BEND RESERVOIR NEAR BURKEVILLE, TX

LOCATION.--Lat 31°10'25", long 93°33'57", Newton County, Hydrologic Unit 12010005, in powerhouse at right end of Toledo Bend Dam, 10 mi upstream from Sabine River near Burkeville gage and at mile 156.5.

DRAINAGE AREA.--7,178 mi².

PERIOD OF RECORD.--Oct 1971 to current year.

Water-quality records.--Chemical data: Oct 1967 to Sep 1986. Biochemical data: Oct 1967 to Sep 1986.

GAGE.--Water-stage recorders. Datum of gage is sea level (levels by Sabine River Authority). Satellite telemeter at station.

REMARKS.--Records fair. Daily discharges are a combination of releases from various outlets at the dam. Discharges for releases through the turbines are computed using scroll-case differential relationships and operation logs. Tainter gate releases, low-flow sluiceway releases, bypass gate releases, and turbine leakages are based on discharge measurements and operation logs. Since installation of gage in 1972, at least 10% of contributing drainage area has been regulated by Toledo Bend Reservoir (station 08025350, conservation pool storage 4,472,900 acre-ft).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	174	e634	1090	204	204	1130	204	4970	3270	160	5500	3740
2	174	795	314	204	1140	204	204	5190	2720	160	5460	160
3	174	994	1480	1100	186	1460	204	5090	160	5520	5700	160
4	732	438	336	204	1390	204	204	5020	160	160	5460	160
5	174	1420	204	1130	204	204	204	5210	2480	6160	160	7440
6	797	174	2340	204	204	1060	204	204	2580	5460	160	12300
7	174	174	204	1430	1190	204	204	204	2360	5490	5560	3850
8	993	1050	999	204	204	1220	204	5110	2550	160	5480	3900
9	174	174	204	204	1090	1120	204	5040	2460	160	2800	160
10	174	1370	1460	1350	204	2150	1170	5080	160	5480	2700	160
11	736	174	204	204	1530	204	204	5020	160	7220	5840	3800
12	174	1320	204	1140	204	204	1140	4930	2450	14200	160	3780
13	873	174	1120	204	204	1120	204	204	2470	13900	160	3840
14	174	174	204	1370	1170	204	1560	204	2490	14000	5430	3900
15	1020	1040	1100	204	204	1140	204	5150	2470	187	5340	4010
16	174	174	204	204	1160	204	204	5080	2580	160	5710	160
17	174	1250	1100	1130	204	1430	1140	5000	130	5530	5530	160
18	745	174	204	204	1360	204	204	4970	130	5450	5600	3880
19	174	1320	204	1170	204	204	5050	5000	2940	5520	160	3960
20	769	174	1140	204	204	1130	204	204	2810	5650	160	3850
21	174	174	204	1320	1040	204	1410	132	2520	6230	5720	3920
22	1260	1100	1120	204	204	1130	204	4980	2500	160	5690	3910
23	174	174	204	204	1050	204	204	5840	2490	160	5790	160
24	174	1120	1380	1130	204	1400	1080	2800	130	5740	6510	160
25	769	174	204	204	1380	204	204	3780	130	5490	4270	3900
26	174	1180	204	1170	204	204	972	3770	2490	5540	160	3960
27	769	174	1050	204	204	1130	1680	130	2500	5510	160	4010
28	154	174	204	1410	1090	204	1470	148	2450	5550	5590	3880
29	1290	979	929	204	204	1150	204	3080	3400	160	5650	3870
30	174	641	204	204	---	204	204	4820	5010	160	5540	160
31	174	---	1410	1130	---	1440	---	2520	---	5540	5590	---
TOTAL	14039	19087	21428	19652	18040	22474	20752	108880	61150	140967	123740	91300
MEAN	453	636	691	634	622	725	692	3512	2038	4547	3992	3043
MAX	1290	1420	2340	1430	1530	2150	5050	5840	5010	14200	6510	12300
MIN	154	174	204	204	186	204	204	130	130	160	160	160
AC-FT	27850	37860	42500	38980	35780	44580	41160	216000	121300	279600	245400	181100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2000, BY WATER YEAR (WY)

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
MEAN	1193	2247	5474	9200	10100	10370	8057	7676	5785	4644	3654	2968
MAX	6809	13340	17720	27680	23850	28210	19270	22170	24960	18790	6732	7323
(WY)	1992	1995	1975	1974	1999	1997	1991	1991	1989	1989	1976	1991
MIN	59.0	50.7	74.5	90.0	339	231	247	311	508	493	470	424
(WY)	1976	1976	1976	1978	1981	1972	1978	1984	1996	1996	1996	1983

SUMMARY STATISTICS

FOR 1999 CALENDAR YEAR

FOR 2000 WATER YEAR

WATER YEARS 1972 - 2000

	1999	2000	1972-2000
ANNUAL TOTAL	2380674	661509	
ANNUAL MEAN	6522	1807	5929
HIGHEST ANNUAL MEAN			10370
LOWEST ANNUAL MEAN			517
HIGHEST DAILY MEAN	117000	14200	117000
LOWEST DAILY MEAN	154	130	30
ANNUAL SEVEN-DAY MINIMUM	204	204	34
ANNUAL RUNOFF (AC-FT)	4722000	1312000	4295000
10 PERCENT EXCEEDS	15200	5480	14900
50 PERCENT EXCEEDS	4800	996	3750
90 PERCENT EXCEEDS	174	160	144

e Estimated

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-sage recorder. Datum of gage is 138.00 ft above sea level (levels by Louisiana Department of Transportation and Development). Nonrecording gage at same site and datum read once daily from Dec. 2, 1985 to May 15, 1986 and twice daily May 16, 1986 to Sept. 30, 1986. Prior to Dec. 2, 1985 at site 500 ft downstream at same datum.

REMARKS.--Records good.

PEAK DISCHARGES 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)
Apr 3	1630	*2,370	*13.50	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	6.9	11	11	13	12	22	15	16	22	4.8	.67
2	5.4	6.8	11	11	12	11	382	458	15	32	4.8	.70
3	5.3	7.4	12	11	11	9.8	1790	1260	14	45	4.3	.67
4	5.0	7.4	16	12	10	8.9	1810	1320	15	69	5.2	.63
5	4.7	7.0	42	17	9.8	7.9	1150	1570	21	40	6.1	.63
6	4.5	7.1	44	14	9.1	7.4	214	741	34	28	4.6	.65
7	4.6	6.5	25	12	8.8	7.6	113	196	33	19	4.1	.64
8	6.5	6.8	16	11	9.0	7.3	76	108	25	15	3.6	.65
9	15	7.3	13	11	9.2	7.1	55	74	19	31	3.2	.69
10	19	7.1	11	11	9.9	8.6	44	61	16	17	3.0	.80
11	14	7.0	11	12	9.8	138	41	49	18	12	2.7	.99
12	10	7.1	12	12	9.7	123	41	42	25	11	2.6	1.7
13	7.3	7.8	18	11	9.7	52	55	138	17	10	2.2	2.3
14	5.9	7.3	25	11	10	27	67	136	15	8.5	1.9	2.8
15	5.2	7.0	22	10	11	20	51	64	14	7.5	1.8	2.7
16	5.4	6.8	15	9.8	13	27	45	43	14	6.8	1.7	2.2
17	5.1	7.1	12	9.9	12	38	37	35	14	6.3	1.7	1.7
18	5.0	7.1	26	9.9	11	54	30	30	14	6.1	1.7	1.4
19	5.5	6.8	55	10	9.7	258	26	27	16	5.7	2.0	1.3
20	5.7	7.3	40	10	9.2	170	23	333	17	5.6	1.6	1.2
21	5.5	7.7	29	9.2	8.0	76	20	434	19	5.4	1.2	1.5
22	6.0	8.3	27	8.8	7.6	43	18	134	22	5.3	1.3	2.4
23	6.4	11	23	8.7	7.7	46	17	65	16	5.2	1.5	2.9
24	6.0	11	18	8.4	7.4	39	22	44	13	4.9	1.4	2.5
25	5.6	10	15	8.3	6.9	26	23	35	12	4.7	1.2	2.7
26	5.1	11	13	8.3	8.1	50	21	29	10	4.3	1.1	2.6
27	4.8	11	12	9.0	13	184	18	26	11	4.1	.93	5.6
28	4.8	12	12	13	22	141	16	23	126	4.0	.83	5.0
29	5.0	12	11	20	16	64	15	22	25	3.9	.71	2.5
30	5.3	12	11	21	---	36	16	20	28	4.0	.62	1.7
31	6.4	---	11	16	---	26	---	18	---	4.5	.63	---
TOTAL	205.2	247.6	619	357.3	303.6	1725.6	6258	7550	654	447.8	75.02	54.42
MEAN	6.62	8.25	20.0	11.5	10.5	55.7	209	244	21.8	14.4	2.42	1.81
MAX	19	12	55	21	22	258	1810	1570	126	69	6.1	5.6
MIN	4.5	6.5	11	8.3	6.9	7.1	15	15	10	3.9	.62	.63
AC-FT	407	491	1230	709	602	3420	12410	14980	1300	888	149	108
CFSM	.04	.06	.13	.08	.07	.38	1.41	1.65	.15	.10	.02	.01
IN.	.05	.06	.16	.09	.08	.43	1.57	1.90	.16	.11	.02	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2000, BY WATER YEAR (WY)

	MEAN	48.8	81.8	183	315	313	265	248	193	111	56.6	27.2	50.7
MAX	695	593	1166	1228	1117	789	1354	1223	1202	886	198	928	
(WY)	1985	1999	1983	1999	1975	1961	1968	1975	1989	1989	1958	1961	
MIN	1.70	5.12	7.96	11.5	10.5	18.0	13.1	9.33	4.14	2.62	.92	.76	
(WY)	1964	1982	1982	2000	2000	1996	1981	1963	1971	1956	1956	1956	

SABINE RIVER BASIN

08025500 BAYOU TORO NEAR TORO, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1956 - 2000	
ANNUAL TOTAL	74770.5		18497.54		157	
ANNUAL MEAN	205		50.5		409	1975
HIGHEST ANNUAL MEAN					23.2	1996
LOWEST ANNUAL MEAN					21600	Apr 9 1968
HIGHEST DAILY MEAN	13900	Jan 30	1810	Apr 4	.10	Sep 29 1956
LOWEST DAILY MEAN	3.0	Sep 23	.62	Aug 30	.13	Sep 27 1956
ANNUAL SEVEN-DAY MINIMUM	3.2	Sep 22	.65	Aug 30	31200	Apr 9 1968
INSTANTANEOUS PEAK FLOW			2370	Apr 3	25.73	Apr 9 1968
INSTANTANEOUS PEAK STAGE			13.50	Apr 3	b.10	Sep 29 1956
INSTANTANEOUS LOW FLOW			a.60	Aug 30	c2.40	Sep 30 1956
INSTANTANEOUS LOW STAGE			a2.48	Aug 30	113700	
ANNUAL RUNOFF (AC-FT)	148300		36690		1.06	
ANNUAL RUNOFF (CFSM)	1.38		.34		14.40	
ANNUAL RUNOFF (INCHES)	18.79		4.65		291	
10 PERCENT EXCEEDS	219		55		32	
50 PERCENT EXCEEDS	25		11		5.6	
90 PERCENT EXCEEDS	5.1		2.1			

a Also occurred Aug 31, Sep 4, Sep 5

b Also occurred Sep 30, Oct 1, 1956

c Also occurred Oct 1, 1956

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.07	3.16	3.34	3.31	3.41	3.38	3.65	3.45	3.34	3.50	2.86	2.50
2	3.09	3.16	3.33	3.31	3.36	3.31	5.94	6.11	3.31	3.72	2.87	2.51
3	3.08	3.18	3.38	3.33	3.33	3.28	11.61	9.88	3.28	3.96	2.84	2.50
4	3.06	3.18	3.50	3.36	3.30	3.25	11.80	10.11	3.29	4.30	2.91	2.49
5	3.04	3.16	4.03	3.52	3.28	3.20	9.44	11.02	3.47	3.87	2.98	2.49
6	3.03	3.17	4.08	3.41	3.25	3.18	5.52	7.84	3.76	3.65	2.88	2.49
7	3.03	3.14	3.71	3.35	3.24	3.19	4.85	5.38	3.75	3.42	2.84	2.49
8	3.13	3.16	3.48	3.34	3.25	3.18	4.49	4.73	3.56	3.29	2.81	2.49
9	3.46	3.18	3.38	3.33	3.26	3.17	4.23	4.37	3.42	3.67	2.78	2.50
10	3.58	3.17	3.33	3.34	3.28	3.22	4.06	4.20	3.34	3.37	2.77	2.53
11	3.42	3.16	3.32	3.35	3.28	5.02	4.02	4.02	3.39	3.21	2.75	2.57
12	3.29	3.17	3.36	3.35	3.28	4.93	4.03	3.91	3.57	3.17	2.74	2.69
13	3.18	3.20	3.54	3.33	3.28	4.18	4.24	4.88	3.37	3.13	2.71	2.77
14	3.11	3.18	3.73	3.31	3.29	3.75	4.39	4.96	3.30	3.06	2.68	2.82
15	3.07	3.17	3.64	3.29	3.33	3.61	4.17	4.24	3.28	3.01	2.66	2.82
16	3.09	3.16	3.46	3.28	3.38	3.76	4.09	3.93	3.26	2.97	2.65	2.76
17	3.07	3.17	3.38	3.28	3.35	3.96	3.96	3.78	3.27	2.94	2.66	2.69
18	3.06	3.17	3.70	3.28	3.32	4.06	3.82	3.68	3.27	2.93	2.67	2.65
19	3.09	3.16	4.23	3.29	3.27	5.77	3.74	3.62	3.33	2.90	2.72	2.63
20	3.10	3.18	4.00	3.28	3.26	5.27	3.67	5.91	3.36	2.90	2.66	2.61
21	3.09	3.20	3.80	3.26	3.21	4.48	3.61	6.59	3.42	2.89	2.62	2.66
22	3.11	3.22	3.77	3.24	3.19	4.05	3.56	4.93	3.50	2.88	2.63	2.78
23	3.14	3.33	3.67	3.24	3.19	4.11	3.53	4.26	3.34	2.87	2.66	2.83
24	3.12	3.31	3.54	3.22	3.18	3.98	3.66	3.95	3.25	2.85	2.65	2.79
25	3.09	3.29	3.46	3.22	3.16	3.73	3.69	3.78	3.18	2.83	2.61	2.82
26	3.06	3.33	3.40	3.22	3.21	4.08	3.62	3.67	3.14	2.80	2.59	2.81
27	3.05	3.33	3.38	3.25	3.38	5.36	3.54	3.58	3.14	2.79	2.56	3.01
28	3.05	3.37	3.36	3.38	3.64	5.07	3.50	3.53	4.72	2.78	2.54	3.00
29	3.06	3.36	3.34	3.59	3.50	4.34	3.47	3.49	3.56	2.77	2.51	2.80
30	3.08	3.35	3.32	3.64	---	3.93	3.49	3.44	3.64	2.78	2.49	2.69
31	3.14	---	3.32	3.50	---	3.75	---	3.39	---	2.83	2.49	---
MAX	3.58	3.37	4.23	3.64	3.64	5.77	11.80	11.02	4.72	4.30	2.98	3.01
MIN	3.03	3.14	3.32	3.22	3.16	3.17	3.47	3.39	3.14	2.77	2.49	2.49

08026000 SABINE RIVER NEAR BURKEVILLE, TX

LOCATION.--Lat 31°03'50", long 93°31'10", Newton County, Texas-Vernon Parish, Louisiana State line, Hydrologic Unit 12010005, near left edge of low-water channel on downstream side of bridge on State Highway 63, about 200 ft downstream from Pearl Creek, 10 mi northeast of Burkeville, 16 mi downstream from Bayou Toro and at mile 139.7.

DRAINAGE AREA.--7,482 mi².

PERIOD OF RECORD.--Sep 1955 to current year. Published as "below Toledo Bend near Burkeville" for period 1955-75.

Water-quality records.--Chemical data: May 1968 to Sep 1986. Biochemical data: May 1968 to Sep 1986. Pesticide data: Oct 1972 to Sep 1981.

REVISED RECORDS.--WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 60.59 ft above sea level. Prior to Aug 23, 1958, nonrecording gage at current site. Prior to Jan 1, 1989, at present site at datum 10.00 ft higher. Telephone telemeter at station. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. Since water year 1961, at least 10% of contributing drainage area has been regulated by Lake Tawakoni (station 08017400, conservation pool storage 888,140 acre-ft) and three additional upstream reservoirs. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water quality data.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--5 years (water years 1956-60) prior to completion of Toledo Bend Reservoir, 5,179 ft³/s (3,749,00 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS 1956-60).--Maximum discharge, 52,900 ft³/s May 15, 1957 (gage height, 32.43 ft); minimum, 60 ft³/s Sep 26-30, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1860: Flood in May 1884 reached a stage of 45.9 ft, current datum, from information by local resident. Flood of Apr 15, 1945, reached a stage of 45.8 ft, current datum. Flood of May 23, 1953, reached a stage of 45.3 ft, current datum, from floodmarks.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	835	277	557	1130	951	549	1050	2080	2230	2550	4740	3950
2	297	426	904	369	558	916	415	4720	2880	411	4790	1910
3	284	783	690	559	924	656	1850	5870	1460	2470	4830	291
4	446	764	1120	962	570	1040	2790	6170	377	2630	4890	240
5	548	1050	647	561	980	309	1830	7120	1140	2690	2530	2150
6	446	667	1560	928	271	475	1050	3950	2190	5000	329	11600
7	592	246	836	676	451	867	555	1070	2200	4700	2500	4440
8	603	412	549	1050	884	549	437	2520	2150	2600	4650	3370
9	725	827	907	372	467	1330	381	4490	2190	445	3480	2020
10	321	568	662	573	915	1430	564	4480	1400	2480	2340	378
11	469	994	1040	1110	676	1480	937	4480	371	4740	3830	1750
12	592	573	350	566	1060	627	567	4330	1100	11300	2590	3370
13	495	966	582	954	342	659	972	2660	2150	12100	316	3430
14	651	254	949	637	517	968	786	751	2140	12200	2460	3410
15	593	419	549	1030	934	589	1130	2430	2160	4680	4670	3430
16	687	827	964	362	927	988	405	4430	2180	408	4740	2020
17	285	472	667	547	564	662	553	4410	1470	2430	4770	336
18	429	1000	1110	964	627	1040	902	4380	357	4620	4770	1650
19	564	573	463	545	986	608	2010	4380	1350	4680	2600	3290
20	455	958	632	915	316	889	2750	2940	2210	4740	318	3390
21	586	255	1050	610	466	1080	794	1110	2350	4900	2500	3400
22	577	428	641	1040	875	645	1100	2540	2200	3010	4760	3440
23	910	869	988	344	520	976	417	4360	2190	343	4860	2000
24	284	467	715	511	920	688	632	3630	1410	2460	5000	344
25	452	886	1110	912	644	1060	970	2920	319	4790	4740	1690
26	611	493	383	531	1050	368	827	3230	1050	4800	2210	3330
27	461	885	531	945	361	611	1190	1980	2160	4770	311	3390
28	592	265	917	774	515	1070	1410	401	2190	4740	2510	3410
29	514	403	471	1110	912	656	1120	1640	2490	2580	4760	3410
30	951	1110	869	389	---	962	404	3190	3810	348	4820	1980
31	307	---	569	563	---	673	---	3130	---	2500	4850	---
TOTAL	16562	19117	23982	22539	20183	25420	30798	105792	53874	123115	107464	82819
MEAN	534	637	774	727	696	820	1027	3413	1796	3971	3467	2761
MAX	951	1110	1560	1130	1060	1480	2790	7120	3810	12200	5000	11600
MIN	284	246	350	344	271	309	381	401	319	343	311	240
AC-FT	32850	37920	47570	44710	40030	50420	61090	209800	106900	244200	213200	164300

SABINE RIVER BASIN

08026000 SABINE RIVER NEAR BURKEVILLE, TX--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2000z, BY WATER YEAR (WY)

MEAN	1142	2004	5583	8294	9259	9712	8046	8043	5448	4007	2930	2652
MAX	6846	12880	17990	28510	27320	27000	26530	32070	25310	23750	6662	7099
(WY)	1992	1995	1962	1974	1999	1997	1969	1966	1989	1989	1976	1991
MIN	82.5	86.2	247	484	266	485	231	471	400	166	91.7	77.6
(WY)	1968	1968	1968	1968	1968	1968	1971	1967	1970	1964	1967	1967

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1961 - 2000z	
ANNUAL TOTAL	2372831		631665			
ANNUAL MEAN	6501		1726		5577	
HIGHEST ANNUAL MEAN					11190	
LOWEST ANNUAL MEAN					548	
HIGHEST DAILY MEAN	117000	Feb 1	12200	Jul 14	117000	Feb 1 1999
LOWEST DAILY MEAN	246	Nov 7	240	Sep 4	38	Sep 14 1967
ANNUAL SEVEN-DAY MINIMUM	459	Oct 2	459	Oct 2	41	Sep 9 1967
INSTANTANEOUS PEAK FLOW			12600	Sep 6	124000	Feb 1 1999
INSTANTANEOUS PEAK STAGE			25.71	Sep 6	48.05	Feb 1 1999
ANNUAL RUNOFF (AC-FT)	4707000		1253000		4040000	
10 PERCENT EXCEEDS	14100		4530		15300	
50 PERCENT EXCEEDS	3000		962		2630	
90 PERCENT EXCEEDS	470		378		266	

z Period of regulated streamflow.

08028000 BAYOU ANACOCO NEAR ROSEPINE, LA

LOCATION.--Lat 30°57'10", long 93°21'10", on line between secs.25 and 26, T.1 S., R.10 W., Vernon Parish, Hydrologic Unit 12010005, near center of span on downstream side of bridge on parish road from Rosepine to Evans, just downstream from Pocosin Creek, and 4.8 mi northwest of Rosepine.

DRAINAGE AREA.--365 mi².

PERIOD OF RECORD.--October 1951 to current year.

REVISED RECORDS.--WSP 2122: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 118.09 ft above sea level. Prior to Nov. 11, 1954, nonrecording gage at same site and datum.

REMARKS.--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 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	27	17	27	29	26	34	42	52	103	12	6.0
2	17	26	17	27	27	24	57	130	45	151	12	5.5
3	14	21	30	27	25	23	1230	668	41	189	12	5.5
4	13	18	77	26	23	21	1990	1030	56	189	13	5.4
5	12	18	151	24	22	20	1980	1880	45	159	11	5.2
6	11	17	114	24	22	21	1540	2000	47	128	10	5.1
7	11	16	63	24	22	22	1040	1470	49	105	9.6	4.9
8	29	16	41	24	24	21	716	944	38	92	9.5	5.4
9	127	16	31	25	26	22	483	638	32	104	10	18
10	82	16	35	26	26	22	322	449	31	75	8.6	16
11	48	16	35	24	25	414	237	332	30	55	8.9	14
12	32	15	39	25	24	590	212	248	33	43	13	18
13	25	15	103	25	24	159	346	263	30	35	11	42
14	22	15	85	22	24	74	297	317	29	29	11	33
15	20	15	54	21	24	55	213	229	30	26	10	34
16	19	15	38	21	23	73	171	171	41	23	8.9	28
17	17	14	30	22	23	95	143	134	41	21	7.8	18
18	16	14	75	22	23	67	125	105	63	20	9.2	13
19	18	15	180	23	23	85	104	91	119	19	7.7	11
20	20	15	105	22	27	200	87	484	154	17	6.8	10
21	18	15	166	21	27	132	79	567	186	16	6.4	10
22	17	16	153	21	24	85	71	310	130	16	6.6	17
23	16	18	90	21	23	83	60	222	85	14	7.6	22
24	15	28	61	21	23	66	136	168	71	14	12	20
25	15	28	47	21	22	48	121	137	57	14	11	15
26	15	28	40	22	23	43	87	115	48	13	8.0	12
27	15	26	35	22	28	57	73	93	55	12	6.7	11
28	15	23	31	45	29	127	66	86	67	12	6.4	11
29	15	20	30	53	27	99	60	87	76	11	6.1	9.3
30	17	18	29	39	---	57	49	76	94	11	5.9	8.9
31	24	---	28	32	---	42	---	62	---	11	5.7	---
TOTAL	761	560	2030	799	712	2875	12129	13548	1875	1727	284.4	434.2
MEAN	24.5	18.7	65.5	25.8	24.6	92.7	404	437	62.5	55.7	9.17	14.5
MAX	127	28	180	53	29	590	1990	2000	186	189	13	42
MIN	11	14	17	21	22	20	34	42	29	11	5.7	4.9
AC-FT	1510	1110	4030	1580	1410	5700	24060	26870	3720	3430	564	861
CFSM	.07	.05	.18	.07	.07	.25	1.11	1.20	.17	.15	.03	.04
IN.	.08	.06	.21	.08	.07	.29	1.24	1.38	.19	.18	.03	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2000, BY WATER YEAR (WY)

	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
MEAN	138	316	657	790	894	721	738	619	282	233	153	165
MAX	1114	2418	6006	2741	4220	1901	2402	6181	2628	2665	2286	1698
(WY)	1985	1958	1983	1990	1966	1973	1952	1953	1989	1989	1955	1958
MIN	7.95	13.5	40.1	25.8	24.6	92.7	42.9	36.6	15.7	14.8	9.17	9.18
(WY)	1964	1968	1955	2000	2000	2000	1981	1978	1971	1998	2000	1993

SABINE RIVER BASIN

08028000 BAYOU ANACOCO NEAR ROSEPIKE, LA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1952 - 2000	
ANNUAL TOTAL	190394.8		37734.6		473	
ANNUAL MEAN	522		103		1265	
HIGHEST ANNUAL MEAN					102	
LOWEST ANNUAL MEAN					1981	
HIGHEST DAILY MEAN	11900	Apr 6	2000	May 6	49900	Apr 30 1953
LOWEST DAILY MEAN	5.3	Aug 31	4.9	Sep 7	4.9	Sep 7 2000
ANNUAL SEVEN-DAY MINIMUM	6.0	Aug 25	5.3	Sep 2	5.3	Sep 2 2000
INSTANTANEOUS PEAK FLOW			2060	May 5	64300	May 19 1953
INSTANTANEOUS PEAK STAGE			13.33	May 5	28.38	May 19 1953
INSTANTANEOUS LOW FLOW			4.6	Sep 7	a4.0	Sep 28 1981
INSTANTANEOUS LOW STAGE			2.87	Sep 7	*	
ANNUAL RUNOFF (AC-FT)	377600		74850		343000	
ANNUAL RUNOFF (CFSM)	1.43		.28		1.30	
ANNUAL RUNOFF (INCHES)	19.40		3.85		17.63	
10 PERCENT EXCEEDS	1040		182		1070	
50 PERCENT EXCEEDS	169		26		143	
90 PERCENT EXCEEDS	11		11		19	

a Also occurred Sep 29,30, 1981

* Not Determined

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.12	3.04	2.93	3.04	3.06	3.03	3.21	3.29	3.30	3.74	2.94	2.91
2	3.02	3.03	2.92	3.04	3.03	3.00	3.41	3.95	3.23	4.14	2.94	2.90
3	2.99	2.96	3.06	3.04	3.01	2.98	8.93	7.15	3.19	4.43	2.94	2.89
4	2.98	2.93	3.52	3.03	3.00	2.97	11.99	8.88	3.33	4.43	2.96	2.89
5	2.96	2.93	4.13	3.00	2.98	2.96	11.94	12.62	3.23	4.20	2.93	2.89
6	2.94	2.92	3.83	3.00	2.98	2.96	10.19	13.09	3.25	3.95	2.93	2.88
7	2.95	2.91	3.39	3.00	2.98	2.97	8.27	10.88	3.26	3.77	2.92	2.88
8	3.14	2.91	3.18	3.00	3.00	2.97	7.00	8.49	3.16	3.65	2.92	2.89
9	3.96	2.91	3.09	3.01	3.03	2.98	6.01	7.01	3.11	3.75	2.93	3.05
10	3.57	2.91	3.13	3.02	3.02	3.00	5.24	6.03	3.10	3.51	2.91	3.04
11	3.25	2.91	3.13	3.00	3.01	5.61	4.76	5.35	3.08	3.33	2.92	3.02
12	3.10	2.91	3.17	3.01	3.01	6.74	4.59	4.82	3.12	3.22	2.99	3.06
13	3.02	2.90	3.74	3.02	3.01	4.21	5.36	4.92	3.07	3.14	2.95	3.29
14	2.97	2.89	3.60	2.98	3.01	3.56	5.10	5.25	3.07	3.08	2.97	3.20
15	2.95	2.90	3.31	2.97	3.00	3.41	4.60	4.71	3.08	3.05	2.95	3.20
16	2.94	2.89	3.16	2.97	2.99	3.55	4.31	4.31	3.18	3.02	2.93	3.15
17	2.93	2.89	3.08	2.97	2.98	3.73	4.10	4.03	3.19	3.00	2.93	3.04
18	2.91	2.89	3.49	2.98	2.99	3.51	3.97	3.81	3.39	2.98	2.95	2.97
19	2.93	2.90	4.36	2.99	2.99	3.65	3.81	3.70	3.87	2.97	2.92	2.95
20	2.95	2.90	3.76	2.97	3.04	4.51	3.67	6.06	4.16	2.96	2.91	2.94
21	2.93	2.90	4.24	2.96	3.03	4.02	3.61	6.63	4.36	2.95	2.91	2.94
22	2.92	2.91	4.15	2.96	3.00	3.65	3.54	5.21	3.97	2.95	2.91	3.02
23	2.92	2.93	3.64	2.96	2.99	3.64	3.44	4.66	3.60	2.94	2.94	3.08
24	2.90	3.05	3.38	2.96	2.99	3.49	4.05	4.28	3.47	2.94	3.00	3.05
25	2.90	3.05	3.25	2.96	2.98	3.34	3.93	4.02	3.34	2.94	2.99	2.99
26	2.90	3.05	3.17	2.97	2.99	3.29	3.67	3.84	3.26	2.94	2.95	2.96
27	2.90	3.02	3.13	2.97	3.05	3.42	3.55	3.66	3.33	2.93	2.92	2.95
28	2.91	2.99	3.10	3.23	3.07	3.98	3.49	3.60	3.43	2.92	2.92	2.94
29	2.90	2.95	3.07	3.30	3.03	3.76	3.44	3.61	3.51	2.92	2.91	2.92
30	2.92	2.93	3.06	3.17	---	3.42	3.35	3.51	3.67	2.92	2.90	2.92
31	3.01	---	3.05	3.11	---	3.29	---	3.39	---	2.92	2.90	---
MAX	3.96	3.05	4.36	3.30	3.07	6.74	11.99	13.09	4.36	4.43	3.00	3.29
MIN	2.90	2.89	2.92	2.96	2.98	2.96	3.21	3.29	3.07	2.92	2.90	2.88

08028200 BAYOU ANACOCO NEAR KNIGHT, LA

LOCATION.--Lat 30°52'14", long 93°30'38", in SE 1/4 sec. 20, T. 2 S., R. 11 W., Beauregard-Vernon Parish line, near right bank of low-water channel at downstream side of bridge on State Highway 111, 4.9 mi southwest of Knight, and 5.2 mi upstream from mouth.

DRAINAGE AREA.--425 mi².

PERIOD OF RECORD.--Water years 1958, 1961, 1969 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 1969 to September 1972.

WATER TEMPERATURES: December 1969 to September 1971.

COLOR: December 1969 to July 1972.

REMARKS.--Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Lake Vernon (usable capacity, 58,000 acre-ft) since May 1963. Water used by paper mill at De Ridder is pumped from wells and discharged later as waste into bayou above station. This discharge is not continuous but is stored in a reservoir and is released whenever flow of bayou is sufficient to dilute effluent from mill.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 910 micromhos Oct. 31, 1970; minimum daily, 40 micromhos Jan. 1, 1970, Jan. 7, 1972.

WATER TEMPERATURES: Maximum daily, 33.0°C June 15, 1970; minimum daily, 7.0°C Jan. 9, 10, 1970.

COLOR: Maximum daily, 600 units Mar. 16, 1971; minimum daily, 5 units June 20, 27-30, 1970.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A water temperature of 6.0°C was observed Jan. 19, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	FECAL STREP, KF STRP MF, WATER (COL/ 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
DEC											
01...	1210	690	7.4	13.0	240	16	9.2	2.5	110	74	45
JAN											
27...	0830	630	7.5	13.2	240	20	10.0	--	--	65	39
MAR											
30...	1355	860	6.8	23.9	400	27	7.7	2.5	>120	--	50
MAY											
31...	1315	398	7.5	27.1	100	27	2.7	.6	K1000	50	27
JUL											
27...	1325	720	7.8	29.0	200	14	7.8	.4	--	350	37
SEP											
20...	1700	1130	7.4	27.0	400	20	6.6	1.0	140	120	51

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
DEC										
01...	15.0	1.80	120	4.5	61	--	140	65.0	.1	19.0
JAN										
27...	13.0	1.70	120	4.3	81	--	130	57.0	.1	18.0
MAR										
30...	17.0	1.80	150	6.7	69	--	190	78.0	.1	16.0
MAY										
31...	8.60	1.40	64.0	3.7	34	--	89.0	34.0	<.1	14.0
JUL										
27...	12.0	1.70	130	5.4	86	83	140	60.0	.1	17.0
SEP										
20...	17.0	2.00	210	8.5	90	96	250	100	.2	21.0

E Estimated value.

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

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

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

08028200 BAYOU ANACOCO NEAR KNIGHT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS TOTAL (MG/L) AS P (70507)	IRON, DIS- SOLVED (UG/L) AS FE (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)
DEC 01...	441	402	E.01	.7	.08	.53	.130	E.100	250	140
JAN 27...	415	393	<.01	.4	.12	.50	.110	E.110	180	210
MAR 30...	561	502	E.01	.6	.35	1.3	.220	E.200	350	360
MAY 31...	251	236	<.01	.5	.14	.69	.120	E.070	330	220
JUL 27...	473	416	E.01	.7	.05	.40	.110	E.100	280	120
SEP 20...	730	667	E.01	.1	.10	.74	.070	E.030	250	170

DATE	CARBON, ORGANIC TOTAL (MG/L) AS C (00680)	ACE- NAPHTH- YLENE BOT. MAT (UG/L) (34200)	ACE- NAPHTH- YLENE BOT. MAT (UG/KG) (34203)	ACE- NAPHTH- ENE TOTAL (UG/L) (34205)	ACE- NAPHTH- ENE BOT. MAT (UG/KG) (34208)	ANTHRA- CENE TOTAL (UG/L) (34220)	ANTHRA- CENE BOT. MAT (UG/KG) (34223)	BENZO B FLUOR- AN- THENE TOTAL (UG/L) (34230)	BENZO B FLUOR- AN- THENE BOT. MAT (UG/KG) (34233)	BENZO K FLUOR- AN- THENE TOTAL (UG/L) (34242)	BENZO K FLUOR- AN- THENE BOT. MAT (UG/KG) (34245)	BENZO- A- PYRENE TOTAL (UG/L) (34247)
DEC 01...	19	<2	<200	<2	<200	<2	<200	<3	<400	<3	<400	<3

DATE	BENZO- A- PYRENE BOT. MAT (UG/KG) (34250)	BIS(2- CHLORO- ETHYL) ETHER UNFLTRD RECOVER (UG/L) (34273)	BIS(2- CHLORO- ETHYL) ETHER BOT. MAT (UG/KG) (34276)	BIS(2- CHLORO- ETHOXY) METHANE TOTAL (UG/L) (34278)	BIS(2- CHLORO- ETHOXY) METHANE BOT. MAT (UG/KG) (34281)	BIS(2- CHLORO- ISO- PROPYL) ETHER TOTAL (UG/L) (34283)	BIS(2- CHLORO- ISO- PROPYL) ETHER BOT. MAT (UG/KG) (34286)	N-BUTYL BENZYL PHTHAL- ATE TOTAL (UG/L) (34292)	N-BUTYL BENZYL PHTHAL- ATE BOT. MAT (UG/KG) (34295)	CHRY- SENE TOTAL (UG/L) (34320)	CHRY- SENE BOT. MAT (UG/KG) (34323)
DEC 01...	<400	<2	<200	<3	<200	<2	<200	<4	<200	<3	<400

DATE	DIETHYL PHTHAL- ATE TOTAL (UG/L) (34336)	DIETHYL PHTHAL- ATE BOT. MAT (UG/KG) (34339)	DI- METHYL PHTHAL- ATE TOTAL (UG/L) (34341)	DI- METHYL PHTHAL- ATE BOT. MAT (UG/KG) (34344)	FLUOR- ANTHENE TOTAL (UG/L) (34376)	FLUOR- ANTHENE BOT. MAT (UG/KG) (34379)	FLUOR- ENE TOTAL (UG/L) (34381)	FLUOR- ENE BOT. MAT (UG/KG) (34384)	CYCLOPE- NTADIEN HEXA- CHLORO- UNFLTRD RECOVER (UG/L) (34386)	HEXA- CHLORO- CYCLO- PENT- ADIENE BOT. MAT (UG/KG) (34389)	ETHANE HEXA- CHLORO- WATER UNFLTRD RECOVER (UG/L) (34396)
DEC 01...	<2	<200	<2	<200	<2	<200	<2	<200	<2	<800	<2.0

DATE	HEXA- CHLORO- ETHANE BOT. MAT (UG/KG) (34399)	INDENO (1,2,3- CD) PYRENE BOT. MAT (UG/L) (34403)	INDENO (1,2,3- CD) PYRENE BOT. MAT (UG/KG) (34406)	ISO- PHORONE TOTAL (UG/L) (34408)	ISO- PHORONE BOT. MAT (UG/KG) (34411)	N- NITRO- SODI-N- PROPYL- AMINE TOTAL (UG/L) (34428)	N- NITRO- SODI-N- PROPYL- AMINE BOT. MAT (UG/KG) (34431)	N-NITRO -SODI- PHENYL- AMINE TOTAL (UG/L) (34433)	N-NITRO -SODI- PHENYL- AMINE BOT. MAT (UG/KG) (34436)	N-NITRO -SODI- METHYL- AMINE TOTAL (UG/L) (34438)	N-NITRO -SODI- METHYL- AMINE BOT. MAT (UG/KG) (34441)
DEC 01...	<200	<3	<400	<2	<200	<2	<200	<3	<200	<3	<200

DATE	NAPHTH- ALENE BOT. MAT (UG/KG) (34445)	BENZENE NITRO- WATER UNFLTRD RECOVER (UG/L) (34447)	NITRO- BENZENE BOT. MAT (UG/KG) (34450)	PARA- CHLORO- META CRESOL TOTAL (UG/L) (34452)	PARA- CHLORO- META CRESOL BOT. MAT (UG/KG) (34455)	PHENAN- THRENE TOTAL (UG/L) (34461)	PHENAN- THRENE BOT. MAT (UG/KG) (34464)	PYRENE TOTAL (UG/L) (34469)	PYRENE BOT. MAT (UG/KG) (34472)	BENZO- [GHI]- PERY- LENE TOTAL (UG/L) (34521)	BENZOGH I PERYL ENE1,12 -BENZOP ERYLENE BOT. MAT (UG/KG) (34524)
DEC 01...	<200	<2	<200	<3	<600	<2	<200	<2	<200	<3	<400

E Estimated value.

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

08028200 BAYOU ANACOCO NEAR KNIGHT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	BENZ (A) ANTHRA- CENE WATER UNFLTRD REC (UG/L) (34526)	BENZO A ANTHRAC- ENE1, 2- BENZANT HRACENE BOT. MAT (UG/KG) (34529)	1, 2-DI- CHLORO- BENZENE BOT. MAT (UG/KG) (34539)	BENZENE 1, 2, 4- TRI- CHLORO- WAT UNF REC (UG/L) (34551)	1, 2, 4- TRI- CHLORO- BENZENE BOT. MAT (UG/KG) (34554)	1, 2, 5, 6 -DIBENZ -ANTHRA -CENE TOTAL (UG/L) (34556)	1, 2, 5, 6 -DIBENZ -ANTHRA -CENE BOT. MAT (UG/KG) (34559)	BENZENE 1, 3-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34566)	1, 3-DI- CHLORO- BENZENE BOT. MAT (UG/KG) (34569)	BENZENE 1, 4-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34571)	1, 4-DI- CHLORO- BENZENE BOT. MAT (UG/KG) (34574)
DEC 01...	<2	<400	<200	<2.2	<200	<3	<400	<1.85	<200	<1.91	<200
DATE	2- CHLORO- NAPH- THALENE TOTAL (UG/L) (34581)	2- CHLORO- NAPH- THALENE BOT. MAT (UG/KG) (34584)	2- CHLORO- PHENOL TOTAL (UG/L) (34586)	2- CHLORO- PHENOL BOT. MAT (UG/KG) (34589)	2- NITRO- PHENOL TOTAL (UG/L) (34591)	2- NITRO- PHENOL BOT. MAT (UG/KG) (34594)	DI-N- OCTYL PHTHAL- ATE TOTAL (UG/L) (34596)	DI-N- OCTYL PHTHAL- ATE BOT. MAT (UG/KG) (34599)	2, 4-DI- CHLORO- PHENOL TOTAL (UG/L) (34601)	2, 4-DI- CHLORO- PHENOL BOT. MAT (UG/KG) (34604)	2, 4-DI- METHYL- PHENOL TOTAL (UG/L) (34606)
DEC 01...	<2	<200	<2	<200	<3	<200	<5	<400	<3	<200	<3
DATE	2, 4-DP, IN BOT. MAT (UG/KG) (34609)	2, 4-DI- NITRO- TOLUENE TOTAL (UG/L) (34611)	2, 4-DI- NITRO- TOLUENE BOT. MAT (UG/KG) (34614)	2, 4,- DI- NITRO- PHENOL TOTAL (UG/L) (34616)	2, 4- DI- NITRO- PHENOL BOT. MAT (UG/KG) (34619)	2, 4, 6- TRI- CHLORO- PHENOL TOTAL (UG/L) (34621)	2, 4, 6- TRI- CHLORO- PHENOL BOT. MAT (UG/KG) (34624)	2, 6-DI- NITRO- TOLUENE TOTAL (UG/L) (34626)	2, 6-DI- NITRO- TOLUENE BOT. MAT (UG/KG) (34629)	3, 3'- DI- CHLORO- BENZ- DINE TOTAL (UG/L) (34631)	4- BROMO- PHENYL ETHER TOTAL (UG/L) (34636)
DEC 01...	<200	<3	<200	<1	<600	<3	<600	<2	<200	<2	<2
DATE	4- BROMO- PHENYL ETHER BOT. MAT (UG/KG) (34639)	4- CHLORO- PHENYL ETHER TOTAL (UG/L) (34641)	4- CHLORO- PHENYL ETHER BOT. MAT (UG/KG) (34644)	4- NITRO- PHENOL TOTAL (UG/L) (34646)	4- NITRO- PHENOL BOT. MAT (UG/KG) (34649)	4, 6- DINITRO -ORTHO- CRESOL TOTAL (UG/L) (34657)	4, 6- DINITRO -ORTHO- CRESOL BOT. MAT (UG/KG) (34660)	PHENOL UNFILT. WATER (UG/L) (34694)	PHENOL SED. BOT. MAT (UG/KG) (34695)	NAPHTH- ALENE TOTAL (UG/L) (34696)	PENTA- CHLORO- PHENOL TOTAL (UG/L) (39032)
DEC 01...	<200	<2	<200	<3	<600	<3	<600	<3	<200	<2.1	<4
DATE	PENTA- CHLORO- PHENOL BOT. MAT (UG/KG) (39061)	BIS(2- ETHYL HEXYL) PHTHAL- ATE TOTAL (UG/L) (39100)	BIS(2- ETHYL HEXYL) PHTHAL- ATE BOT. MAT (UG/KG) (39102)	DI-N- BUTYL PHTHAL- ATE TOTAL (UG/L) (39110)	DI-N- BUTYL PHTHAL- ATE BOT. MAT (UG/KG) (39112)	BENZI- DINE TOTAL (UG/L) (39120)	HEXA- CHLORO- BENZENE TOTAL (UG/L) (39700)	HEXA- CHLORO- BENZENE BOT. MAT (UG/KG) (39701)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	HEXA- CHLORO- BUT- ADIENE BOT. MAT (UG/KG) (39705)	1, 2-DI- PHENYL- HYDRA- ZINE WATER TOT. REC (UG/L) (82626)
DEC 01...	<600	<20	<200	<3	<200	<40	<2	<200	<2.6	<200	<2

E Estimated value.

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

SABINE RIVER BASIN

08028500 SABINE RIVER NEAR BON WIER, TX

LOCATION.--Lat 30°44'49", long 93°36'30", Beauregard Parish, Louisiana-Newton County, Texas State line, Hydrologic Unit 12010005, near left bank on downstream side of bridge on U.S. Highway 190, 0.7 mi upstream from Quicksand Creek, 0.8 mi upstream from Gulf, Colorado, and Santa Fe Railway Co. bridge, 2.0 mi east of Bon Wier, 2.4 mi upstream from Caney Creek and at mile 97.7.

DRAINAGE AREA.--8,229 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Oct 1923 to current year. Monthly discharge only for some periods, published in WSP 1312. Gage-height records collected in this vicinity since 1913 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 1342: 1953. WSP 1442: 1924, 1926-27(M), 1929(M), 1939. WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 33.42 ft above sea level. Prior to Jul 8, 1931, nonrecording gage at site 0.8 mi downstream at datum 13.00 ft higher. Jul 8, 1931, to Oct 15, 1958, nonrecording gage at present site at datum 13.00 ft higher. Oct 16, 1958, to Sep 30, 1975, water-stage recorder at present site at datum 13.00 ft higher. Oct 1, 1975, to Dec 31, 1988, at present site at datum 10.00 ft higher. Telephone telemeter at station. Satellite telemeter at station.

REMARKS.--Records good. Since water year 1960, at least 10% of contributing drainage area has been regulated by Lake Tawakoni (station 08017400, conservation pool storage 888,140 acre-ft) and three additional upstream reservoirs. Additional regulation since Oct 1966 by Toledo Bend Reservoir (station 08018800, conservation pool storage 4,472,900 acre-ft), 58.8 mi upstream. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--36 years (water years 1924-59) prior to completion of Lake Tawakoni.

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS, 1924-59).--Maximum discharge, 115,000 ft³/s May 19, 1953 (gage height, 38.70 ft, current datum); minimum, 160 ft³/s Sep 29, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1833, 43.5 ft Apr 23 or 24, 1913, from information by Gulf, Colorado, and Santa Fe Railway Co. and local residents. Flood in May 1884 reached a stage of 39 ft. Floods occurring about 1844 and 1860 were higher than flood in May 1884, from information by local residents. All flood data referenced to current datum.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1790	702	1160	883	848	1200	1060	743	4370	5460	3800	6220
2	1330	605	868	1300	1210	897	1450	3440	3770	3420	6110	5220
3	752	619	1100	718	881	1210	1690	7480	4190	1190	6230	2710
4	670	1010	986	800	1180	968	5790	8790	2290	4030	6310	826
5	743	1050	1550	1190	869	1310	5600	11500	923	3570	6290	583
6	948	1210	1350	840	1230	684	4550	11400	1920	4520	3290	4930
7	755	1080	1930	1140	639	725	3500	7090	3420	6420	938	10400
8	1010	573	1350	949	691	1130	2590	4190	3450	6280	3750	5540
9	961	609	894	1290	1140	849	1940	5340	3400	3440	6030	4500
10	1270	1030	1150	708	779	1510	1510	6670	3430	1060	4670	2410
11	845	818	956	819	1160	2110	1550	6530	2140	3720	3740	839
12	813	1200	1300	1280	985	2460	1970	6400	781	7780	5580	2520
13	990	830	782	869	1330	1740	1600	6280	1620	12600	3300	4390
14	793	1190	1010	1170	712	1330	2190	4000	3240	13300	909	e4400
15	1010	597	1310	902	773	1430	1960	1930	3330	12300	3690	4400
16	848	605	908	1250	1190	1110	2200	4230	3350	5160	6020	4480
17	1060	1030	1200	688	1110	1410	1150	6120	3470	1290	6160	2400
18	636	748	1030	767	1030	1170	1190	6110	2270	3810	6210	792
19	664	1170	1480	1180	912	1490	1640	6060	885	6040	6210	2360
20	907	830	1060	829	1270	1150	3490	6490	2280	6210	3320	4220
21	716	1180	1180	1130	691	1570	3530	5410	3810	6250	911	4390
22	927	590	1590	876	731	1590	1520	3200	3820	6530	3750	4470
23	845	609	1230	1260	1140	1170	1710	4660	3640	3650	6110	4540
24	1180	1060	1360	676	847	1380	851	6240	3520	992	6290	2440
25	639	757	1110	725	1190	1130	1200	5030	2160	3780	6660	805
26	652	1100	1380	1120	991	1440	1630	4710	729	6150	5820	2420
27	921	770	762	813	1350	845	1240	4890	1560	6240	3000	4230
28	698	1100	794	1210	783	1000	1920	2950	3390	6220	893	4370
29	910	600	1140	1200	821	1470	2240	1020	3480	6220	3760	4390
30	780	578	784	1440	---	1170	1720	2520	4040	3330	6070	4390
31	1200	---	1080	798	---	1320	---	4850	---	969	6210	---
TOTAL	28263	25850	35784	30820	28483	39968	66181	166273	84678	161931	142031	110585
MEAN	912	862	1154	994	982	1289	2206	5364	2823	5224	4582	3686
MAX	1790	1210	1930	1440	1350	2460	5790	11500	4370	13300	6660	10400
MIN	636	573	762	676	639	684	851	743	729	969	893	583
AC-FT	56060	51270	70980	61130	56500	79280	131300	329800	168000	321200	281700	219300

08028500 SABINE RIVER NEAR BON WIER, TX--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2000z, BY WATER YEAR (WY)

MEAN	1671	2738	6857	10020	11260	11410	9474	8973	6255	4777	3393	3171
MAX	7315	13250	21420	30930	31390	30030	27370	31210	26340	31490	7288	8247
(WY)	1992	1995	1983	1974	1999	1997	1969	1966	1989	1989	1976	1991
MIN	188	217	822	994	746	1288	634	1011	663	530	211	206
(WY)	1968	1968	1981	2000	1968	1981	1971	1996	1970	1964	1967	1967

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1960 - 2000z	
ANNUAL TOTAL	2967198		920847			
ANNUAL MEAN	8129		2516		6646	
HIGHEST ANNUAL MEAN					12670	
LOWEST ANNUAL MEAN					1172	
HIGHEST DAILY MEAN	90500	Feb 3	13300	Jul 14	98000	Jul 4 1989
LOWEST DAILY MEAN	573	Nov 8	573	Nov 8	134	Nov 9 1966
ANNUAL SEVEN-DAY MINIMUM	788	Oct 28	788	Oct 28	142	Nov 3 1966
INSTANTANEOUS PEAK FLOW			13600	Jul 15	98200	Jul 4 1989
INSTANTANEOUS PEAK STAGE			24.43	Jul 15	37.90	Jul 4 1989
ANNUAL RUNOFF (AC-FT)	5885000		1826000		4815000	
10 PERCENT EXCEEDS	17000		6110		16900	
50 PERCENT EXCEEDS	4980		1320		3490	
90 PERCENT EXCEEDS	839		754		700	

e Estimated

z Period of regulated streamflow.

SABINE RIVER BASIN

08030500 SABINE RIVER NEAR RULIFF, TX

LOCATION.--Lat 30°18'13", long 93°44'37", Calcasieu Parish, Louisiana-Newton County, Texas State line, Hydrologic Unit 12010005, on downstream side of bridge on State Highway 12, 2.4 mi north of Ruliff, 4.2 mi upstream from the Kansas City Southern Railway Co. bridge, 4.5 mi downstream from Cypress Creek and at mile 40.2.

DRAINAGE AREA.--9,329 mi².

PERIOD OF RECORD.--Oct 1924 to current year.

Water-quality records.--Chemical data: Sep 1945 to Sep 1946, Oct 1947 to Sep 1998. Biochemical data: Feb 1968 to Sep 1998. Radiochemical data: Oct 1969 to Sep 1995. Pesticide data: Jan 1968 to May 1982. Sediment data: Oct 1974 to Sep 1995.

REVISED RECORDS.--WSP 1282: 1941(M), 1942. WSP 1442: 1925-29, 1937-39, 1943. WSP 1732: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5.92 ft below sea level. Prior to Mar 1, 1941, nonrecording gage at Kansas City Southern Railway Co. bridge, 4.2 mi downstream and at datum 7.98 ft higher than current datum. Mar 1, 1941, to Dec 8, 1948, nonrecording gage at present site and at datum 10.00 ft higher than current datum. Dec 9, 1948, to Dec 31, 1989, recording gage at present site and at datum 10.00 ft higher than current datum. Telephone telemeter at station. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. Since water year 1960, at least 10% of contributing drainage area has been regulated by Lake Tawakoni (station 08017400, conservation pool storage 888,140 acre-ft) and three additional upstream reservoirs. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

AVERAGE DISCHARGE FOR PERIOD PRIOR TO REGULATION.--35 years (water years 1925-59) prior to completion of Lake Tawakoni, 8,842 ft³/s (6,406,000 acre-ft/yr).

EXTREMES FOR PERIOD PRIOR TO REGULATION (WATER YEARS, 1925-59).--Maximum discharge, 121,000 ft³/s May 22, 1953, (gage height, 29.98 ft, current datum); minimum, 270 ft³/s Sep 27-30, Oct 1-3, 17-20, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1835, 32.2 ft in May or Jun 1884 (adjusted to present site and datum on basis of slope of flood of Jun 8, 9, 1950); flood of Apr 26-29, 1913, reached a stage of 29.5 ft, present site and datum, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1870	1280	1060	1220	1520	1270	1690	2000	2850	2880	3140	5120
2	1970	1280	1170	1200	1220	1410	1560	1620	3730	3710	2230	5680
3	1920	1080	1390	1340	1340	1400	1930	1870	3420	4380	4080	5680
4	1450	1010	1430	1290	1330	1440	2550	4350	3330	3240	5300	4510
5	1110	1100	1430	1040	1360	1390	4550	6680	3020	2560	5790	2300
6	1010	1340	1680	1230	1300	1520	6470	8190	1880	3540	6010	1110
7	1130	1350	1930	1250	1390	1420	7150	9610	1370	3260	5500	1680
8	1140	1560	2120	1270	1330	1140	6500	10600	2160	4400	3030	5200
9	1210	1320	2350	1230	1080	1280	4600	9920	2670	5330	2060	6770
10	1210	1030	1750	1360	1230	1310	3060	7430	2760	5100	3990	6450
11	1410	1160	1570	1270	1290	1460	2300	6410	2800	2950	4800	4900
12	1400	1230	1460	1040	1330	1880	1950	6350	2580	2040	4080	2550
13	1170	1360	1590	1260	1340	2610	2100	6370	1660	3960	3920	1710
14	1210	1340	1490	1250	1510	2650	1940	6270	1220	6140	4270	3150
15	1160	1390	1340	1260	1410	2130	2100	5710	1960	7670	2540	4000
16	1190	1320	1600	1210	1150	1940	2060	3670	2500	9060	1840	4270
17	1160	1040	1500	1310	1310	1690	2280	2830	2670	9970	3830	4320
18	1230	1150	1510	1240	1380	1750	1940	4180	2780	8390	5010	3820
19	1160	1220	1450	1010	1480	1710	1590	5180	2670	4950	5570	2110
20	964	1300	1630	1190	1300	1840	1710	5940	1790	4720	5760	1400
21	1050	1310	1710	1200	1450	1710	2040	6530	1400	5380	5260	2920
22	1080	1370	1570	1230	1380	1750	3260	6680	2360	5720	2870	3840
23	1100	1330	1790	1200	1120	2070	2530	5550	2870	5960	1960	4200
24	1100	1060	1760	1310	1270	1800	2000	4080	2930	5690	3990	4320
25	1260	1180	1730	1250	1320	1760	1620	4790	2840	3280	5270	3860
26	1220	1260	1520	1010	1400	1640	1380	5340	2590	2140	5750	2110
27	984	1330	1600	1160	1400	1780	1630	4690	1690	4010	5970	1420
28	1050	1330	1420	1220	1550	1610	1570	4360	1240	5230	5100	2910
29	1080	1360	1140	1290	1490	1370	1640	3900	1940	5700	2660	3730
30	1090	1320	1240	1360	---	1660	1950	2380	2590	5890	1890	4030
31	1100	---	1240	1660	---	1660	---	1660	---	5470	3900	---
TOTAL	38188	37710	48170	38360	38980	52050	79650	165140	72270	152720	127370	110070
MEAN	1232	1257	1554	1237	1344	1679	2655	5327	2409	4926	4109	3669
MAX	1970	1560	2350	1660	1550	2650	7150	10600	3730	9970	6010	6770
MIN	964	1010	1060	1010	1080	1140	1380	1620	1220	2040	1840	1110
AC-FT	75750	74800	95550	76090	77320	103200	158000	327600	143300	302900	252600	218300

08030500 SABINE RIVER NEAR RULIFF, TX--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2000z, BY WATER YEAR (WY)

MEAN	2398	3510	8338	12110	13060	13180	11200	10050	7603	5743	3938	3894
MAX	9591	14910	22070	35570	33170	35780	33240	32980	26240	42320	7982	12530
(WY)	1995	1995	1983	1961	1999	1997	1969	1966	1989	1989	1975	1998
MIN	292	327	1366	1237	1344	1679	1030	1395	1383	805	382	333
(WY)	1968	1968	1981	2000	2000	2000	1971	1996	1963	1967	1967	1967

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1960 - 2000z	
ANNUAL TOTAL	3334688		960678			
ANNUAL MEAN	9136		2625		7895	
HIGHEST ANNUAL MEAN					14210	1975
LOWEST ANNUAL MEAN					1959	1967
HIGHEST DAILY MEAN	90600	Feb 6	10600	May 8	108000	Jul 6 1989
LOWEST DAILY MEAN	964	Oct 20	964	Oct 20	278	Oct 28 1967
ANNUAL SEVEN-DAY MINIMUM	1100	Oct 18	1100	Oct 18	282	Oct 9 1967
INSTANTANEOUS PEAK FLOW			11200	May 8	109000	Jul 6 1989
INSTANTANEOUS PEAK STAGE			23.12	May 8	29.15	Jul 6 1989
ANNUAL RUNOFF (AC-FT)	6614000		1906000		5720000	
10 PERCENT EXCEEDS	19000		5600		18600	
50 PERCENT EXCEEDS	5770		1720		4600	
90 PERCENT EXCEEDS	1220		1160		1160	

z Period of regulated streamflow.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than at stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at partial-record stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of peak elevation at flood-profile stations. Discharge measurements made at miscellaneous sites for both low flow and high flow; and discharge measurements made for a 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 2000

Station name and number	Location and drainage area	Water year 2000 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)
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 .	1966-00	5-21-00	40.78	281	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 .	1966-00	5-04-00	11.05	3,640	5-21-83	15.15	13,600
Kepler Creek at Sparta, La. (07352400)	Lat 32°02'55", long 93°18'10", Red River Parish, at bridge on State Highway 507, and 0.8 mi west of Sparta. Drainage area is 21.1 mi ² .	1954-68, 1974-00	5-05-00	43.15	320	12-10-83	46.04	5,280
Grand Bayou near Coushatta, La. (07352800)	Lat 32°22'05", long 93°05'35", Bienville Parish, at bridge on State Highway 155, and 3.3 mi northeast of Coushatta. Drainage area is 93.9 mi ² .	1956-77, 1979-00	4-04-00	9.11	1,670	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 .	1966-00	4-03-00	20.02	1,460	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 .	1966-00	4-02-00	44.79	3,100	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 .	1966-00	4-02-00	6.62	87.8	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 .	1966-00	4-02-00	42.98	3,490	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 .	1968-00	4-04-00	9.39	210	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 .	1984-00	4-03-00	37.74	2,980	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 2000--Continued

Station name and number	Location and drainage area	Period of record	Water year 2000 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, 1974-00	4-04-00	12.05	8,090	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 .	1965-00	4-04-00	44.79	3,140	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† 1996-00	2000	<6.45	(*)	11-16-87	14.93	15,800
MONTE SANO BAYOU BASIN								
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 ^a , 1995-00	10-01-99 12-21-99	34.74 ^b 34.11	(*)	4-22-79	46.83	(*)
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 .	1966-00	10-09-99 12-21-99	13.19 12.05	431 338	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 .	1966-00	2000	<8.4	(*)	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, 1993-00	4-04-00	22.67	(*)	4-14-55	118.31	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 .	1976-00	10-09-99	80.62	657	4-06-83	21.31	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 .	1995-00	2000	<88.8	(*)	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 ^a , 1995-00	5-05-00	^b 59.67	(*)	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 1993-00	4-05-00	32.56	(*)	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 ^a , 1993-00	2000	^b <42.7	(*)	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 ^a 1995-00	2000	^b <42.7	(*)	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 .	1972-00	5-05-00	54.25		6-28-89	59.54	(*)

See footnotes at end of table.

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Period of record	Water year 2000 maximum				Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)	
MISSISSIPPI RIVER DELTA--Continued									
Jones Creek at Goodwood Blvd., at Baton Rouge, La. (07378620)	Lat 30°26'45", long 91°05'59", East Baton Rouge Parish, at bridge 1.4 miles from intersection with Airline Highway. Drainage area is not determined.	1998-00 ^d	5-06-00	39.54	(*)	1-29-99	34.93	(*)	
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 ^a , 1996-00 [†]	5-05-00	32.14	2,060	6-18-99	34.44	3,310	
Jones Creek at Woodland Ridge Blvd., nr Baton Rouge, La. (07378655)	Lat 30°25'22", long 91°02'12", East Baton Rouge Parish, at bridge 1.0 miles from intersection with S. Harrells Ferry Road. Drainage area is not determined.	1999-00 ^d	2000	c	(*)	8-09-99	27.21	(*)	
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 .	1967-92 ^a , 1993-00	5-05-00	22.21	(*)	4-23-77	32.00	(*)	
Jones Creek at Woodlake Dr., near Baton Rouge, La. (07378705)	Lat 30°24'50", long 91°00'50", East Baton Rouge Parish, at bridge on Woodlake Dr., 400 yds from bridge on Jones Creek. Drainage area is not determined.	1999-00 ^d	5-05-00 1-29-99 3-16-99 8-09-99	13.30 ^e 18.24 ^e 20.44 ^e 9.54	(*)	3-16-99	20.44	(*)	
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 ^a , 1975-92 ^a , 1993-00 [†]	5-05-00 7-28-00	20.26 17.68	(*) (*)	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 ^a , 1993-00	5-05-00	38.16	(*)				
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.	1995-00	5-05-00	34.09	(*)	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 ^a , 1996-00	2000	c	(*)	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 .	1964-00	5-05-00	42.43	(*)	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 .	1966-00	4-03-00	7.93	253	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, 1975-00	2000	c	(*)	12-22-95	26.51	12,400	

See footnotes at end of table.

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 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)	
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, 1974-00	5-05-00	9.98	1,150	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 .	1967-00	2000	<4.62	(*)	2-13-84	12.78	3,300	

† Operated as a continuous-record gaging station.

* Discharge not determined.

a Operated as a flood profile gage.

b Elevation; sea level.

c Missing record.

d Discontinued Sept. 2000.

e Revised.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

The following table contains annual maximum elevation for flood-profile stations. A flood-profile gage is a device which will register the peak elevation occurring between inspections. The date of the maximum elevation is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Where two or more sites on the same stream have annual peaks caused by different floods, all floods are listed for each site. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000

Station name and number	Location and drainage area	Water year 2000 maximum		Period of record maximum		
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
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, 1973-00	2000	<97.20	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 .	1998-00	7-01-00	^a 23.49	1-07-98	^a 26.98
Pearl River at Crawford's Landing near Slidell, La. (024926495)	Lat 30°18'10", long 89°42'24", St. Tammany Parish, at pier at landing, approximately 0.75 miles on Crawford Road from intersection with N. MilitaryRoad in Slidell. Drainage area is not determined.	1999-00† ^c	4-17-00	^a 6.79	3-18-99	7.04
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.	1998-00	2000	<25.17		
Poor Boy Canal at Military Road at Slidell, La. (02492662)	Lat 30°18'51", long 89°43'52", St. Tammany Parish, at bridge 0.2 miles north of junction with Brownswitch Road. Drainage area is not determined.	1998-00	9-13-00	^a 10.67	9-13-00	^a 10.67
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.	1998-00	7-01-00	^a 8.77	1-07-98	^a 11.04
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.	1999-00	7-01-00	^a 12.36	7-01-00	^a 12.36
French Branch at Old River Road at Slidell, La. (02492666)	Lat 30°16'06", long 89°42'59", St. Tammany Parish,at bridge on Old River Road, approximately 0.3 mile north of intersection with Military Road. Drainage area is not determined.	1998-00†	2000	^a b	9-11-98	^a 5.25
Doubloon Branch at State Hwy. 190 at Slidell, La. (02492667)	Lat 30°15'44", long 89°43'33", St. Tammany Parish,at bridge on State Highway 190 Business Route, approximately 0.2 mile west of intersection with Military Road. Drainage area is not determined.	1998-00†	2000	^a b	9-12-98	^a 3.83
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 .	1999-00† ^c	5-04-00	^d 14.61	4-05-99	^d 16.18
Bullard Creek near Jonesville, Tx. (07344445)	Lat 32°31'22", long 94°07'18", Harrison County, at culvert on F.M. Road 134, 5.5 mi north of Wascom. Drainage area undetermined.	2000† ^c	5-04-00	^d 6.38	5-04-00	^d 6.38

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum		Period of record maximum		
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
RED RIVER BASIN--Continued						
Paw Paw Bayou near Greenwood, La. (07344450)	Lat 32°31'00", long 93°58'20", Caddo Parish, at bridge on State Highway 169 5.1 miles north of Greenwood. Drainage area 80.5 mi ² .	1955-86†, 1999-00† ^c	5-05-00	181.93	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 .	1999-00† ^c	5-04-00	^d 10.73	4-05-99	^d 14.30
Jims Bayou near Kildare, Tx. (07346120)	Lat 32°53'09", long 94°10'58", Harrison County, at bridge on State Highway 43 1.6 mi south of Kildare Junction, Tx. Drainage area undetermined.	2000† ^c	5-21-00	^d 8.84	5-21-00	^d 8.84
Black Bayou near Rodessa, La. (07346450)	Lat 32°57'31", long 93°59'38", Caddo Parish, at bridge on State Highway 1, 1 mile south of Rodessa, La. Drainage area undetermined.	2000† ^c	5-22-00	^d 14.18	5-22-00	^d 14.18
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† ^c	5-04-00	^d 8.31	5-04-00	^d 8.31
Flat River near Shreveport, La. (07349300)	Lat 32°32'36", long 93°38'27", Bossier Parish, at bridge on U.S. Highway 80, 0.25 mi. west of Interstate 220. Drainage area approx. 51.4 mi ² .	2000† ^c	5-04-00	150.70	5-04-00	150.70
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† ^c	5-06-00	^d 6.65	5-06-00	^d 6.65
Red Chute Bayou near Shreveport, La. (07349850)	Lat 32°33'15", long 93°38'27", Bossier Parish, at bridge on U.S. Highway 80, 1.0 mi east of Interstate 220. Drainage area approx. 949 mi ² .	2000† ^c	5-27-00	157.10	5-27-00	157.10
Red Chute Bayou at High Island, La. (07349910)	Lat 32°15'52", long 93°25'52", Bossier Parish, at bridge on Poole Road, 4.6 mi east of U.S. Highway 71 and approx. 25 mi south of Bossier City, La. Drainage area 1,124 mi ² .	2000† ^c	5-05-00	^d 16.86	5-05-00	^d 16.86
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† ^c	5-04-00	^a 152.14	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.	1963-00	5-04-00	152.33	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† ^c	5-04-00	^a 213.66	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 .	1960-00	5-04-00	181.07	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† ^c	5-04-00	202.08	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 .	1960-00	5-04-00	159.37	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†, 1986-00† ^c	4-05-00	104.21	5-18-90	118.28

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum		Period of record maximum		Elevation in ft (sea level)	Date	Elevation in ft (sea level)
		Period of record	Date	Period of record	Date			
RED RIVER BASIN--Continued								
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 indeterminate.	1963-86, 1990-00	4-03-00	77.75	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†, 1986-00† ^c	4-12-00	100.15	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 .	1979-00†	4-10-00	64.40	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 .	1978-00	4-05-00	68.81	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.	1978-00	3-21-00	34.65	4-29-91	43.10		
Boeuf River southwest of Rayville, La. (07368040)	Lat 32°25'40", long 91°49'05", Richland Parish, on left bank 5.0 mi southwest of Rayville. Drainage area is not determined.	1974-85†, 1986-00† ^c	4-05-00	^b <58.60	5-04-91	66.24		
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.	1978-00	4-05-00	64.05	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.	1978-00	4-05-00	61.96	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†, 1986-00† ^c	4-07-00	61.14	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†, 1986-00† ^c	4-05-00	71.61	5-05-91	74.42		
Little River at Rochelle, La. (07372190)	Lat 31°47'35", long 92°21'42", Grant- La Salle Parish line, at bridge on U.S.Highway 165, at Rochelle. Drainage area is 1,892 mi ² .	1938-46† ^e , 1948-57† ^e , 1958-73† ^c , 1974-85†, 1986-00† ^c	4-06-00	64.52	4-25-95	72.17		
BAYOU BATON ROUGE BASIN								
South Canal near Baker, La. (07373965)	Lat 30°37'00", long 91°08'56", East Baton Rouge Parish, at bridge on McHugh Road, 1.4 mi upstream from Cypress Bayou, and 2.3 mi northeast of Baker. Drainage area is not determined.	1972-82†, 1983-87† ^g , 1988-00	10-09-99	67.66	4-15-67	79.52		
Baker Canal near Baker, La. (07373980)	Lat 30°34'49", long 91°12'43", East Baton Rouge Parish, at bridge on U.S. Highway 61, 2.7 mi southwest of Baker. Drainage area is not determined.	1963-70, 1971-93†, 1995-00	2000	<58.5	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.	1975-00	10-09-99 12-21-99	52.76 52.81	11-25-79	59.33		
MISSISSIPPI RIVER DELTA								
W-14 Canal at Roberts Road at Slidell, La. (07374570)	Lat 30°17'35", long 89°46'00", St. Tammany Parish, on downstream side of concrete culvert on Roberts Road, 1.5 miles northeast of Slidell City Hall. Drainage area is indeterminate.	1986-87 1998-00† ^c	7-01-00	^a 9.89	1-07-98	^a 12.98		

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum		Period of record maximum		
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
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.	1998-00	7-01-00	^a 14.81	1-07-98	^a 16.58
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.	1998-00	7-01-00	^a 5.39	1-07-98	7.59
W-14 Canal at Kingspoint Blvd. at Slidell, La. (07374573)	Lat 30°15'27", long 89°45'08", St. Parish, at bridge on Kingspoint Blvd., approximately 0.1 mile north of intersection with the I-10 service road.	1998-00†	2000	b	9-28-98	^a 3.90
Vincent Creek at Infantry Road at Slidell, La. (07374574)	Lat 30°18'50", long 89°46'44", St. Tammany Parish, at bridge, 0.56 miles east of intersection of Infantry Road and main entrance road for Camp Villere. Drainage area is not determined.	1998-00	9-01-00	^a 12.04	4-28-98	^a 13.34
Vincent Creek at Jackson Road at Slidell, La. (07374575)	Lat 30°17'43", long 89°47'28", St. Tammany Parish, at bridge, 0.1 miles east of junction with N. Harrison Road Drainage area is not determined.	1998-00	9-01-00	^a 5.66	9-11-98	^a 6.40
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.	1998-00	7-01-00	^a 10.90	3-08-98	^a 14.53
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.	1998-00	2000	^a <3.31	1-07-98	^a 7.08
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.	1998-00	2000	^a <5.96	3-08-98	^a 17.67
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.	1998-00	6-29-00 9-10-00	<16.90 17.13	3-08-98	^a 19.00
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.	1998-00	6-29-00 9-10-00	^a 4.51 ^a 4.19	1-07-98	^a 10.08
Tchefuncta 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.	1998-00	2000	^a <4.87	3-08-98	9.27
Bogue Falaya at Folsom, La. (07375085)	Lat 30°37'42", long 90°10'16", St. Tammany Parish, at bridge on State Highway 40, and 1.0 miles east of Folsom. Drainage area is indeterminate.	1999-00	12-19-99	85.85	1-30-99	88.74
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.	1998-00	10-09-00	^a 12.71	3-08-98	^a 21.42
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.	1997-00	10-09-99 12-21-99	^a 30.50 ^a 31.54	3-08-98	^a 36.20
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.	1997-00	2000	^a <3.23	3-08-98	^a 11.74

See footnotes at end of table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
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.	1998-00	10-09-00	^a 3.02	3-08-98	^a 7.06
Bayou Tete L'ours nr Mandeville, La. (07375228)	Lat 30°24'16", long 90°04'07", St. Tammany Parish, at bridge on Evangeline Dr., 2.3 miles northwest of Mandeville City Hall. Drainage area is not determined.	1998-00	6-29-00	10.02	1-07-98	^a 10.77
Little Sandy Creek near Milldale, La. (07377215)	Lat 30°42'34", long 91°01'26", East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 2.9 mi north of Milldale. Drainage area is not determined.	1975-96, 1997 ^g , 1998-00	2000	<106.61	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.	1995-00	2000	b	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.	1982-00†	10-09-99	45.74	1-26-90	62.20
Comite River near Zachary, La. (07377750)	Lat 30°38'36", long 91°05'40", East Baton Rouge Parish, at bridge on State Highway 64, about 4.0 miles east of Zachary. Drainage area is not determined.	1999-00	2000	b	3-14-99	74.87
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.	1999-00	2000	b	3-14-99	61.53
White Bayou East Diversion Channel near Baton Rouge, La. (07377755)	Lat 30°37'00", long 91°06'55", East Baton Rouge Parish at bridge on U.S. Highway 67 (Plank Road) 12.2 mi north of Baton Rouge, and 6.5 mi northeast of terminal building at Metro Airport at Baton Rouge. Drainage area is not determined.	1972-84†, 1986-87 ^g , 1988-00	2000	<71.58	12-24-71	79.48
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 1997-00†, ^c	2000	b	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.	1962-00	12-21-99 5-06-00	61.83 <61.29	4-07-83	73.23
White Bayou near Baker, La. (07377842)	Lat 30°34'45", long 91°07'18", East Baton Rouge Parish at bridge on Pettit Road, and 2.9 mi east of City of Baker. Drainage area is not determined.	1972-84†, 1986-87 ^g , 1988-00	12-21-99 5-06-00	^d 7.36 ^d 11.31	4-23-77	17.25
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, 1971-00	2000	<65.22	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, 1967-00	12-18-99	45.79	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.	1975-00	10-09-99	70.35	4-12-95	73.44

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum		Period of record maximum		
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
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.	1967-00	2000	<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.	1962-00	5-05-00	32.58	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.	1967-00	2000	<47.24	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.	1962-00	5-05-00	36.12	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†, 1989-00† c	5-06-00	32.50	4-22-77	47.05
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.	1972-00	5-05-00	71.02	5-05-00	71.02
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†, 1997-00† c	5-05-00	60.81	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.	1967-00	5-05-00	46.40	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.	1962-00	2000	<38.68	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.	1967-00	10-09-99 5-05-00	<36.99 39.29	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.	1967-00	10-09-99 5-05-00	34.19 37.52	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.	1967-00	10-09-99 5-05-00	31.39 b	9-06-77	39.68
Weiner Creek near Baton Rouge, La. (07378670)	Lat 30°25'08", long 91°03'55", East Baton Rouge Parish, at bridge on Stanley Aubin Drive, 7.3 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1967-00	2000	<37.03	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.	1999-00	5-05-00	34.86	5-05-00	34.86

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum		Period of record maximum		
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
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.	1967-00	10-09-99 6-30-00	22.59 24.39	4-13-69	29.98
Clay Cut Bayou at Antioch Road near Baton Rouge, La. (07378722)	Lat 30°23'12", long 91°00'26", East Baton Rouge Parish, at bridge on Antioch Road, 0.25 mi from Tiger Bend Road. Drainage area is not determined.	1995-98 ^g 1999-00	10-09-99 6-30-00	14.20 7.52	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.	1967-00	10-09-99 6-30-00	7.83 <4.51	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.)	1998-00† ^c	8-11-00	^a 4.41	1-28-98	^a 7.98
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	2000	^d <9.48	2000	^d <9.48
Bayou Fountain at Ben Hur Road at Baton Rouge, La. (07378780)	Lat 30°23'30", long 91°09'36", East Baton Rouge Parish, at bridge 4.2 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1962-00 ^h	2000	<17.30	10-04-64	19.43
Bayou Fountain at Gardere Lane, near Baton Rouge, La. (07378800)	Lat 30°21'52", long 91°07'16", East Baton Rouge Parish, at bridge 6.9 mi southeast of Baton Rouge Post Office. Drainage area is not determined.	1962-66, 1969-92 ^a , 1993-98 ^g , 1999-00	2000	<11.71	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 ^g , 1999-00	2000	^b	6-18-97	14.91
Bayou Fountain at Burbank Dr. near Baton Rouge, La. (07378815)	Lat 30°21'01", long 91°06'29", East Baton Rouge Parish, at first bridge south of intersection of Highland Rd. and Siegen Lane. Drainage area is not determined.	2000	12-18-99	^d 11.01	12-18-99	^d 11.01
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† ^c , 1975-00† ^c	5-05-00 7-23-00	35.71 37.90	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.	1970-00	2000	<32.72	3-06-96	41.84
Ward Creek at Bluebonnet Blvd. 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	5-05-00 7-23-00	11.80 7.60	5-05-00	11.80
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.	1999-00	10-09-99	^d 6.85	8-09-99	7.40
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.	1962-00	10-09-99 8-10-00	^d 12.11 12.12	4-14-67	^d 23.83

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
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 .	1971-00	10-09-99 8-10-00	<20.57 22.20	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 approxi- mately 1.31 mi ² .	1971-00† ^c	10-09-99 8-10-00	18.96 17.92	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 .	1971-00	10-09-99 8-10-00	<13.57 14.46	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, 1971-00† ^c	2000	b	4-14-67	23.69
Dawson Creek at Bluebonnet Blvd. near Baton Rouge, La. (07379960)	Lat 30°22'56", long 91°05'39", East Baton Rouge Parish, at bridge 0.25 mi north of Perkins Rd. Drainage area is not determined.	1995-98 ^g , 1999-00†	10-09-99 8-10-00	13.48 13.03	6-18-97	20.25
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 .	1999-00† ^c	10-08-99	6.81	3-16-99	7.66
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.	1998-00	10-09-99	17.96	9-12-98	19.00
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.	1998-00† ^c	6-29-99 10-09-99	ⁱ 13.30 14.17	10-09-99	14.17
Grays Creek nr Port Vincent, La. (073801175)	Lat 30°24'39", long 90°54'52", Livingston Parish, at bridge on Hwy. 16, 1.0 mi from intersection of Hwy. 16 and Juban Rd. Drainage area is approximately 30 mi ² .	1998-00† ^c	9-12-98 10-07-98 2000	^a ⁱ 24.39 ^a ⁱ 19.82 b	9-12-98	ⁱ 24.39
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 1998-00	10-09-99	14.60	9-12-98	15.79
Middle Colyell Creek nr Walker, La. (07380160)	Lat 30°28'45", long 90°50'28", Livingston Parish, at bridge located on Black Mud Rd, 1.8 mi southeast of town of Walker. Drainage area is approximately 25.0 mi ² .	1999-00† ^c	9-07-99 10-31-99	^a ⁱ 26.49 30.64	10-31-99	30.64
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 .	1998-00† ^c	10-10-99	^a b	9-12-98	^a 20.43
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.	1998-00	10-09-00	13.36	6-26-99	14.31
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.	1963-00	3-18-00	5.50	4-22-79	10.15
Black Bayou near Prairieville, La. (0738022385)	Lat 30°17'34", long 90°56'18", Ascension Parish, at bridge on Highway 929 (Braud Rd), 1.8 mi east of Prairieville Post Office. Drainage area is not determined.	1998-00	10-09-00	14.39	9-12-98	15.97

See footnotes at end of table.

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum			Period of record maximum	
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
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.	1963-00	12-21-99 3-19-00	<6.50 6.66	2-18-88	10.03
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.	1963-00	12-21-99 3-19-00	5.12 3.77	4-22-79	9.18
Bayou Lafourche below weir at Thibodaux, La. (07381002)	Lat 29°47'56", long 90°49'11", Lafourche Parish, on Canal Street, 1200 ft below State Highway 20 at Thibodaux and approximately 200 ft below weir. Drainage area is not determined.	1986-00† ^c	10-09-99	5.41	5-09-91	8.64
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, 1990-00	4-03-00	67.19	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 ^e , 1976-85†, 1986-00† ^c	4-05-00	^h 25.01	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, 1990-00	2000	<75.63	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 isnot determined.	1959-86, 1990-00	4-03-00	68.50	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, 1990-00	4-03-00	68.46	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 ^a , 1990-00	4-03-00	66.26	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†, 1986-00† ^c	4-03-00	32.16	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†, 1986-00† ^c	4-03-00	15.65	4-21-77	23.00
Bayou Teche below Keystone Lock and Dam near St. Martinville, La. (07385702)	Lat 30°04'14", long 91°49'44", St. Martin Parish, on downstream side of Keystone Lock and Dam 3.5 mi south of St. Martinville and 11 mi upstream from Loreauville Canal. Drainage area is not determined.	1985-00† ^c	9-13-00	^a 6.39	5-27-27	24.30
Bayou Borbeaux nr Sunset, La. (07386510)	Lat 30°26'55", long 92°04'15", St. Landry Parish, approximately 2.5 miles north on I-49 Service Road from Hwy. 92 near Grand Coteau. Drainage area is not determined.	1999-00†, ^c	7-01-00	20.84	7.-1-00	20.84

See footnotes at end of table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

491

Annual Maximum Elevation at Flood-Profile Partial-Record Stations During Water Year 2000--Continued

Station name and number	Location and drainage area	Water year 2000 maximum		Period of record maximum		
		Period of record	Date	Elevation in ft (sea level)	Date	Elevation in ft (sea level)
MISSISSIPPI RIVER DELTA--Continued						
Ruth Canal at Ruth, La. (07386705)	Lat 30°14'34", long 91°53'05", St. Martin Parish, on right bank, 150 ft downstream from control structure, 0.5 mi northwest of Ruth, 0.6 mi 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†, 12-21-99 1986-00†, ^c		^a 6.39	8-14-40	18.50

- < Less than amount shown.
† Operated as a continuous-record gaging station.
a Elevation, NAVD 88.
b Missing record.
c Daily records unpublished.
d Gage datum, sea level of gage not determined.
e Operated by the Corps of Engineers.
f High-water mark.
g Operated as a crest-stage partial-record station.
h Discontinued.
i Revised.

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MISSISSIPPI RIVER DELTA						
Charenton Canal	Gulf of Mexico	Lat 29°49'23", long 91°32'26", St. Mary Parish, St. Hydrologic Unit 08080102, on railroad bridge at Baldwin.	---	1999	10-05-99 11-02-99 11-30-99 1-11-00 3-22-00 5-09-00 5-09-00 6-13-00 7-12-00	4,530 7,690 3,780 5,060 3,650 123 -5,770 -1,863 872
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°45'34", long 91°40'00", St. Mary Parish, Hydrologic Unit 08080103, west of Jaws Bay.	---	1997-99	10-05-99 11-02-99 11-30-99 1-11-00 5-09-00	2,190 5,170 1,000 1,425 3,350
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°43'27", long 91°33'08", St. Mary Parish, Hydrologic Unit 08080102, east of Jaws Bay.	---	1997-99	10-05-99 11-02-99 11-30-99 1-11-00 5-9-00	3,840 4,830 3,780 3,180 5,750
Bayou Perot	Gulf of Mexico	Lat 29°41'03", long 90°10'30", Lafourche Parish, Hydrologic Unit 08090301, south of Lake Salvador and northwest of Lafitte, La.	---	1999	10-07-99 11-04-99 12-02-99 1-13-00	29,300 5,990 18,900 13,500
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°40'51", long 91°28'14", St. Mary Parish, Hydrologic Unit 08080102, at Bayou Sale bridge near Franklin, La.	---	1999	10-05-99 11-02-99 11-30-99 1-10-00 3-22-00 5-08-00 6-13-00 7-12-00	3,000 2,030 5,370 1,060 4,790 6,410 5,830 10,100
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.	---	1997-99	10-04-99 11-01-99 11-29-99 1-10-00 5-08-00	5,290 5,170 6,540 7,180 6,200
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.	---	1997-99	5-08-00	6,860
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 near Calumet, La.	---	1999	10-04-99 11-01-99 11-29-99 1-10-00 5-08-00	5,170 7,440 7,470 6,510 3,950
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°38'47", long 90°16'42", Lafourche Parish, Hydrologic Unit 08090301, 6 mi west of Bayou Perot.	---	1999	10-07-99 11-04-99 12-02-99	1,220 1,335 72
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°37'37", long 91°02'43", Terrebonne Parish, Hydrologic Unit 08090302, near Bay Wallace east of Morgan City, La.	---	1997-99	10-06-99 11-03-99 12-01-99 1-12-00 5-11-00	1,770 1,520 -922 1,750 2,810
Pipeline Canal	Gulf of Mexico	Lat 29°37'11", long 90°60'00", Terrebonne Parish, Hydrologic Unit 08090302, east of Bay Wallace, near Amelia, La.	---	1999-2000	10-21-99 1-19-00 3-14-00 5-15-00	-220 N -192 N 138 S 189 S
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°35'25", long 90°42'46", Terrebonne Parish, Hydrologic Unit 08090302, east of Houma Navigation Canal at Houma, La.	---	1997-99	10-07-99 11-04-99 12-02-99 1-13-00 3-23-00 5-10-00 7-10-00	525 1,680 852 1,120 1,360 -375 3,320
Hog Bayou	Gulf of Mexico	Lat 29°34'45", long 91°26'21", St. Mary Parish, Hydrologic Unit 08080101, Site #2, west of Wax Lake Outlet and south of Site #3 and north of Site #1.	---	1999	10-04-99	677
Gulf Intracoastal Waterway	Gulf of Mexico	Lat 29°34'41", long 90°22'49", Lafourche Parish, Hydrologic Unit 08090301, west of Bayou Lafourche at Larose, La.	---	1997-99	10-07-99 11-04-99 12-02-99 1-13-00 5-10-00 7-10-00	-1,580 647 -1,040 810 975 2,090

493

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MISSISSIPPI RIVER DELTA--Continued						
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.	---	1997-99	10-07-99	-1,860
					11-04-99	450
					12-02-99	-825
					1-13-00	763
					5-10-00	846
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.	---	1997-99	10-07-99	3,310
					11-04-99	3,450
					12-02-99	1,300
					1-13-00	2,260
					5-10-00	5,370
Bayou Copasaw	Gulf of Mexico	Lat 29°33'13", long 90°57'25", Terrebonne Parish, Hydrologic Unit 08090302, south of Gulf Intracoastal Waterway, near Amelia, La.	---	1999-2000	10-20-99	235 S
					1-20-00	443 S
					3-14-00	402 S
					5-16-00	397 S
Turtle Bayou	Gulf of Mexico	Lat 29°32'22", long 91°05'10", Terrebonne Parish, Hydrologic Unit 08090302, north of Bayou Penchant, near Amelia, La.	---	1999-2000	10-21-99	-526 N
					1-19-00	938 S
					3-14-00	388 S
					5-15-00	-276 N
Turtle Bayou Site 2	Gulf of Mexico	Lat 29°32'33", long 91°05'10", Terrebonne Parish, Hydrologic Unit 08090302, north of Bayou Penchant, near Amelia, La.	---	2000	1-19-00	1344 S
					3-14-00	-38.9 N
					5-15-00	-1090 N
Minor's Canal	Gulf of Mexico	Lat 29°32'00", long 90°47'45", Terrebonne Parish, Hydrologic Unit 08090302, south of Gulf Intracoastal Waterway, near Houma, La.	---	1999-2000	10-19-99	431 S
					1-20-00	324 S
					3-13-00	493 S
					5-17-00	412 S
Avoca Island Cutoff	Gulf of Mexico	Lat 29°31'59", long 91°14'26", Terrebonne Parish, Hydrologic Unit 08090302, south of Morgan City, La.	---	1999-2000	10-06-99	8,090
					12-01-99	2,980
					1-12-00	5,040
					3-21-00	-6,200
					5-11-00	24,800
					6-14-00	14,200
	7-11-00	11,300				
Partridge Bayou	Gulf of Mexico	Lat 29°31'58", long 91°06'34", Terrebonne Parish, Hydrologic Unit 08090302, west of Bayou Penchant, near Amelia, La.	---	1999-2000	10-21-99	155 E
					1-19-00	-90.8 W
					3-14-00	-185 W
					5-15-00	124 E
Bayou Pequant	Gulf of Mexico	Lat 29°31'00", long 91°00'35", Terrebonne Parish, Hydrologic Unit 08090302, north of Bayou Penchant, near Amelia, La.	---	1999-2000	10-20-99	97.3 S
					1-20-00	147 S
					3-14-00	286 S
					5-16-00	-181 N
Shell Island Pass	Gulf of Mexico	Lat 29°30'33", long 91°16'47", St. Mary Parish, Hydrologic Unit 08080101, at Lower Atchafalaya River.	---	1999	10-06-99	3,330
					11-03-99	500
					12-01-99	7,340
					1-12-00	9,960
Lower Atchafalaya River	Gulf of Mexico	Lat 29°30'16", long 91°16'14", Terrebonne/ St. Mary Parishes, Hydrologic Unit 08090302, south of Shell Island Pass.	---	1999	10-06-99	<2,000
					12-01-99	22,200
					1-12-00	57,800
Hutch Canal	Gulf of Mexico	Lat 29°30'14", long 90°56'29", Terrebonne Parish, Hydrologic Unit 08090302, east of Bayou Copasaw, near Amelia, La.	---	1999-2000	10-20-99	10.2 S
					1-20-00	63.4 S
					3-14-00	59.3 S
					5-16-00	113 S
Carrion Crow Bayou	Gulf of Mexico	Lat 29°29'13", long 91°03'56", Terrebonne Parish, Hydrologic Unit 08090302, near Amelia, La.	---	1999-2000	10-20-99	2520 S
					1-19-00	2860 S
					3-16-00	2990 S
					5-16-00	-392 N
					7-11-00	3490 S
Carrion Crow Bayou	Gulf of Mexico	Lat 29°28'52", long 91°03'48", Terrebonne Parish, Hydrologic Unit 08090302, at southeast split, near Amelia, La.	---	1999-2000	10-20-99	193SE
					1-19-00	-39.3NW
					3-14-00	887SE
					5-15-00	790SE
Carrion Crow Bayou	Gulf of Mexico	Lat 29°28'41", long 91°04'15", Terrebonne Parish, Hydrologic Unit 08090302, at southwest split, near Amelia, La.	---	1999-2000	10-20-99	2390SW
					1-19-00	3350SW
					3-14-00	2400SW
					5-15-00	423SW
Bayou Penchant	Gulf of Mexico	Lat 29°28'48", long 90°58'09", Terrebonne Parish, Hydrologic Unit 08090302, near Theriot, La.	---	1999-2000	10-20-99	209 S
					1-19-00	462 S
					3-16-00	495 S
					5-16-00	867 S
					7-11-00	1050 S
Palmetto Bayou	Gulf of Mexico	Lat 29°26'23", long 91°13'07", Terrebonne Parish, Hydrologic Unit 08090302, at Atchafalaya Bay.	---	1999-2000	10-20-99	3770 S
					3-16-00	3820 S

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES
Discharge Measurements Made at Miscellaneous Sites During Water Year 2000

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MISSISSIPPI RIVER DELTA--Continued						
Minor's Canal	Gulf of Mexico	Lat 29°25'20", long 90°50'13", Terrebonne Parish, Hydrologic Unit 08090302, north of Lake DeCade, near Theriot, La.	---	1999-2000	10-19-99	330 S
					1-20-00	399 S
					3-13-00	756 S
					5-17-00	-140 N
People's Weir	Gulf of Mexico	Lat 29°25'14", long 90°53'45", Terrebonne Parish, Hydrologic Unit 08090302, southeast of Penchant Lake, near Theriot, La.	---	1999-2000	10-19-99	9.41 S
					5-16-00	23.2 S
Penchant Canal	Gulf of Mexico	Lat 29°25'08", long 90°57'02", Terrebonne Parish, Hydrologic Unit 08090302, southwest of Penchant Lake, near Theriot, La.	---	1999-2000	10-19-99	390 W
					1-20-00	337 W
					3-13-00	-178 E
					5-16-00	-27.4 E
Brady Canal	Gulf of Mexico	Lat 29°24'59", long 90°58'04", Terrebonne Parish, Hydrologic Unit 08090302, west of Penchant Canal, near Theriot, La.	---	1999-2000	10-19-99	83.7 W
					1-20-00	114 W
					3-13-00	62.7 W
					5-16-00	50.5 W
Falgout Canal	Gulf of Mexico	Lat 29°24'58", long 90°49'48", Terrebonne Parish, Hydrologic Unit 08090302, east of Lake DeCade, near Theriot, La.	---	1999-2000	10-19-99	515 W
					1-20-00	-1620 E
					3-13-00	1280 W
					5-17-00	968 W
Canal south of Brady Canal	Gulf of Mexico	Lat 29°24'48", long 90°58'01", Terrebonne Parish, Hydrologic Unit 08090302, south of Penchant Canal, nr Theriot, La.	---	1999-2000	10-19-99	398 S
					1-20-00	887 S
					3-13-00	666 S
					5-16-00	588 S
Bayou DeCade	Gulf of Mexico	Lat 29°22'48", long 90°54'20", Terrebonne Parish, Hydrologic Unit 08090302, at Lake DeCade, near Theriot, La.	---	1999-2000	10-21-99	261SW
					12-7-99	2250SW
					2-15-00	2950SW
					7-11-00	-1250NE
Little Carencro Bayou	Gulf of Mexico	Lat 29°22'55", long 91°00'29", Terrebonne Parish, Hydrologic Unit 08090302, north of Brady Canal, near Theriot, La.	---	1999-2000	10-19-99	102 E
					3-13-00	-124 W
					5-17-00	-32.9 W
Bayou Carencro	Gulf of Mexico	Lat 29°22'01", long 91°04'53", Terrebonne Parish, Hydrologic Unit 08090302, south of Carencro Lake, near Four League Bay.	---	1999-2000	10-19-99	1600SW
					3-13-00	-2690NE
					5-17-00	-2680NE
Voss Canal	Gulf of Mexico	Lat 29°21'45", long 90°59'38", Terrebonne Parish, Bayou DeCade, near Dulac, La.	---	1999-2000	10-19-99	413 S
					3-13-00	-623 N
					5-17-00	-1400 N
Bayou Cheuvril	Gulf of Mexico	Lat 29°21'04", long 91°00'19", Terrebonne Parish, Hydrologic Unit 08090302, south of Bayou DeCade, near Dulac, La.	---	1999-2000	10-19-99	1360 S
					3-13-00	-1530 N
					5-17-00	-1790 N
Bayou DeCade	Gulf of Mexico	Lat 29°20'31", long 91°01'07", Terrebonne Parish, Hydrologic Unit 08090302, at Lost Lake, near Theriot, La.	---	2000	10-21-99	1840 S
					12-6-99	1290 S
					3-15-00	1360 S
					5-17-00	-2340 N
					7-11-00	-1190 N
Bayou Raccourci	Gulf of Mexico	Lat 29°20'18", long 90°57'08", Terrebonne Parish, Hydrologic Unit 08090302, north of Lake Mechant, near Theriot, La.	---	2000	10-21-99	-1700 N
					12-7-99	-131 N
					12-7-99	-1930 N
					3-15-00	-1020 N
					5-17-00	-3350 N
					7-11-00	599 S

*Letter denotes direction of flow.

RED RIVER BASIN

310408091424500 RED RIVER ABOVE OLD RIVER OUTFLOW CHANNEL, ABOVE SIMMESPORT, LA (CE 04800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
JAN					
11...	1300	7830	80	1690	100
FEB					
08...	1000	16300	327	14400	100
MAR					
14...	1000	25900	87	6100	99
APR					
11...	1030	143000	356	138000	55
MAY					
09...	1000	89100	170	40800	83
JUN					
13...	1000	42200	63	7230	100
JUL					
18...	0930	28200	46	3480	95
AUG					
01...	1030	13900	39	1470	99

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

310552091361200 MISSISSIPPI RIVER (COOCHIE) NEAR BLACK HAWK, LA (CE 01020)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
26...	1030	220000	141	83700	99
NOV					
30...	1100	198000	112	59900	100
DEC					
14...	1000	268000	117	85100	97
JAN					
04...	1100	232000	123	77400	96
FEB					
01...	1030	256000	436	302000	99
MAR					
21...	1000	416000	185	208000	81
APR					
04...	1100	776000	538	1130000	89
18...	1100	933000	266	670000	72
MAY					
02...	1200	576000	168	261000	72
JUN					
06...	1200	592000	230	368000	79
JUL					
11...	1100	742000	322	645000	85
AUG					
08...	1100	361000	138	135000	92
SEP					
19...	1130	216000	114	66600	97

GROUND-WATER LEVELS

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 202 ft, screened 192-202, casing diameter 6 to 2 in.

DATUM.--Elevation of land surface datum is 25.8 ft above sea level. Measuring point: File marks in top of 6-in. casing, 1.15 ft above land-surface datum.

PERIOD OF RECORD.--1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.61 ft below land-surface datum, Mar. 14, 1965; lowest recorded, 90.02 ft below land-surface datum, June 18, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	81.14	MAY 31	88.95	JUN 20	89.96	JUL 20	86.47	AUG 18	85.46	SEP 15	85.40
JAN 13	76.89	JUN 05	89.89	25	88.93	25	86.31	20	85.45	20	84.66
MAR 17	77.32	06	89.98	30	88.43	31	85.75	25	85.38	25	83.99
MAY 16	85.86	10	89.84	JUL 05	87.68	AUG 05	85.40	31	85.00	30	83.71
20	86.84	15	89.65	10	86.64	10	85.25	SEP 05	84.96		
25	87.73	18	90.02	15	86.58	15	85.37	10	85.59		

WATER YEAR 2000 HIGHEST 76.89 JAN 13, 2000 LOWEST 90.02 JUN 18, 2000

LOCAL NUMBER.--Ac-335L, Site ID 301832092234503.

LOCATION.--Lat 30°18'32", long 92°23'45", Hydrologic Unit 08080201, Sec. 32, T. 8S, R. 1E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 1,363 ft, screened 1,358-1,363, casing diameter 1 1/2 in.

DATUM.--Elevation of land surface datum is 24.55 ft above sea level. Measuring point: Top of 1 1/2-in. casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1966-79, 1981, 1983-current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.43 ft below land-surface datum, Mar. 31, 1970; lowest recorded, 74.45 ft below land-surface datum, Apr 20, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	69.14	JAN 13	67.87	MAR 17	69.18	AUG 25	72.06

WATER YEAR 2000 HIGHEST 67.87 JAN 13, 2000 LOWEST 72.06 AUG 25, 2000

LOCAL NUMBER.--Ac-335U, Site ID 301832092234504.

LOCATION.--Lat 30°18'32", long 92°23'45", Hydrologic Unit 08080201, Sec. 32, T. 8S, R. 1E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 902 ft, screened 902-907, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 24.55 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	65.28	JAN 13	65.72	MAR 17	68.35	AUG 25	76.79

WATER YEAR 2000 HIGHEST 65.28 OCT 27, 1999 LOWEST 76.79 AUG 25, 2000

ALLEN PARISH

LOCAL NUMBER.--Al-241, Site ID 303004092541101.

LOCATION.--Lat 30°30'04", long 92°54'11", Hydrologic Unit 08080203, Sec. 29, T. 6S, R. 5W.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 62 ft, screened 59-62, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 42.97 ft above sea level. Measuring point: Top of 1 1/4-in. casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1957-1979, 1981, 1983, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.84 ft below land-surface datum, Mar. 21, 1961; lowest recorded, 34.65 ft below land-surface datum, June 19, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	33.11	JAN 12	33.75	MAR 17	32.82	JUN 19	34.65

WATER YEAR 2000 HIGHEST 32.82 MAR 17, 2000 LOWEST 34.65 JUN 19, 2000

ALLEN PARISH--Continued

LOCAL NUMBER.--Al-269, Site ID 303118092493901.

LOCATION.--Lat 30°31'18", long 92°49'39", Hydrologic Unit 08080203, Sec. 24, T. 6S, R. 5W.

OWNER.--Quatre Parish Co.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 660 ft, screened interval unknown, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 45 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	53.27	JAN 12	52.61	MAR 17	54.29	AUG 15	53.89
WATER YEAR 2000		HIGHEST	52.61	JAN 12, 2000	LOWEST	54.29	MAR 17, 2000

ASCENSION PARISH

LOCAL NUMBER.--An-267, Site ID 301544090543901.

LOCATION.--Lat 30°15'44", long 90°54'39", Hydrologic Unit 08070204, Sec. 16, T. 9S, R. 3E.

OWNER.--City of Gonzales.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 488 ft, screened 388-488, casing diameter 12 to 10 in.

DATUM.--Elevation of land surface datum is 7 ft above sea level. 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, 12.18 ft below land-surface datum, Oct. 29, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	12.18	FEB 17	11.99	MAY 01	10.41	JUL 12	11.68
WATER YEAR 2000		HIGHEST	10.41	MAY 01, 2000	LOWEST	12.18	OCT 29, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Upland Terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 192 ft, screened 182-192, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 80 ft above sea level. Measuring point: Top of bushing, at land-surface datum.

PERIOD OF RECORD.--1966-79, 1885-87, 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	38.58	JAN 04	39.28	APR 04	39.43	JUL 06	39.70
WATER YEAR 2000		HIGHEST	38.58	OCT 06, 1999	LOWEST	39.70	JUL 06, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 370 ft, screened 365-370, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 95 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	64.44	JAN 04	64.97	APR 04	66.00	JUL 06	65.07
WATER YEAR 2000		HIGHEST	64.44	OCT 06, 1999	LOWEST	66.00	APR 04, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Red River alluvial aquifer of Pleistocene age (112RRVA).

WELL CHARACTERISTICS.--Depth 45 ft, screened 42-45, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 45.6 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	10.73	JAN 04	9.60	APR 04	7.04	JUL 06	7.96
WATER YEAR 2000		HIGHEST	7.04	APR 04, 2000		LOWEST	10.73
						OCT 06, 1999	

BEAUREGARD PARISH

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 123 ft, screened 118-123, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 120 ft above sea level. Measuring point: Top of 2-in. galvanized pipe, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1974-79, 1981, 1983, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.64 ft below land-surface datum, Oct. 2, 1998; lowest recorded, 63.43 ft below land-surface datum, December 7, 1993.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	59.12	JAN 12	58.93	MAR 17	57.67	JUN 01	59.68
WATER YEAR 2000		HIGHEST	57.67	MAR 17, 2000		LOWEST	59.68
							JUN 01, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, undifferentiated, of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 164 ft, screened 159-164, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 206 ft above sea level. Measuring point: Top of 2-in. galvanized pipe, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--1974-1979, 1981, 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.16 ft below land-surface datum, Apr. 8, 1992; lowest recorded, 38.99 ft below land-surface datum, Sep. 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 01	37.30	JAN 27	37.37	MAR 30	37.76	MAY 31	37.88	JUL 27	38.53	SEP 20	38.99
WATER YEAR 2000		HIGHEST	37.30	DEC 01, 1999		LOWEST	38.99	SEP 20, 2000			

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 630 ft, Screened 620-630, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 320 ft above sea level. Measuring point: Top of casing, 2.85 ft above land-surface datum.

PERIOD OF RECORD.--1970-1973, 1975, 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 198.27 ft below land-surface datum, Sep. 1, 1970; lowest recorded, 238.82 ft below land-surface datum, July 6, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	238.15	JAN 03	238.14	APR 03	237.81	JUL 03	237.85
WATER YEAR 2000		HIGHEST	237.81	APR 03, 2000		LOWEST	238.15
						OCT 04, 1999	

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 472 ft, screened 462-472, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 260 ft above sea level. Measuring point: Top of bushing, 0.2 ft above land-surface datum.

PERIOD OF RECORD.--1975-1982, 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 155.21 ft below land-surface datum, Apr. 28, 1975; lowest recorded, 182.59 ft below land-surface datum, Jan. 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 12	182.49	JAN 03	182.59	APR 03	181.78	JUL 03	182.38
WATER YEAR 2000		HIGHEST	181.78	APR 03, 2000	LOWEST	182.59	JAN 03, 2000

BOSSIER PARISH

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 66 ft, screened 63-66, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 200 ft above sea level. Measuring point: Top of 1-1/4 in. x 1/2 in. bushing, 2.8 ft 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	11.86	JAN 03	13.14	APR 03	12.09	JUL 05	10.85
WATER YEAR 2000		HIGHEST	10.85	JUL 05, 2000	LOWEST	13.14	JAN 03, 2000

CALCASIEU PARISH

LOCAL NUMBER.--Cu-767, Site ID 301036093124401.

LOCATION.--Lat 30°10'36", long 93°12'44", Hydrologic Unit 08080206, Sec. 20, T.10S, R. 8W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"700-foot" sand Lake Charles area of Pleistocene age (11207LC).

WELL CHARACTERISTICS.--Depth 850 ft, screened 840-850, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 11.42 ft above sea level. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1963-1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.26 ft below land-surface datum, Mar. 29, 1963; lowest recorded, 105.98 ft below land-surface datum, Sep. 30, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL		
JAN 11	75.59	JUN 09	81.74	SEP 12	81.05		
WATER YEAR 2000		HIGHEST	75.59	JAN 11, 2000	LOWEST	81.74	JUN 09, 2000

LOCAL NUMBER.--Cu-771, Site ID 301336093183002.

LOCATION.--Lat 30°13'36", long 93°18'30", Hydrologic Unit 08080206, Sec. 5, T.10S, R. 9W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"200-foot" sand of Lake Charles area of Pleistocene age (11202LC).

WELL CHARACTERISTICS.--Depth 241 ft, screened 231-241, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 17.76 ft above sea level. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1963-1979, 1981-1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 54.97 ft below land-surface datum, Mar. 28, 1963; lowest recorded, 83.83 ft below land-surface datum, July 21, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL		
JAN 11	63.53	JUN 08	63.21	SEP 12	65.97		
WATER YEAR 2000		HIGHEST	63.21	JUN 08, 2000	LOWEST	65.97	SEP 12, 2000

GROUND-WATER LEVELS

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 734 ft, screened 729-734 ft, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 4.33 ft above sea level. Measuring point: Top of 2-in. casing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1964-1979, 1981-1983, 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 11	55.70	SEP 12	57.70
WATER YEAR 2000		HIGHEST	55.70 JAN 11, 2000
		LOWEST	57.70 SEP 12, 2000

LOCAL NUMBER.--Cu-843, Site ID 301148093193202.

LOCATION.--Lat 30°11'48", long 93°19'32", Hydrologic Unit 08080206, Sec. 18, T.10S, R. 9W.

OWNER.--Louisiana Office of Public Works.

AQUIFER.--"200-foot" sand of Lake Charles area of Pleistocene age (11202LC).

WELL CHARACTERISTICS.--Depth 205 ft, screened 200-205, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 12 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	56.86	JAN 10	56.12	MAR 14	55.69	JUN 08	56.01
WATER YEAR 2000		HIGHEST	55.69 MAR 14, 2000	LOWEST		56.86 OCT 27, 1999	

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.

OWNER.--Louisiana Office of Public Works.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 555 ft, screened 550-555, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 10 ft above sea level. Measuring point: Opening in gage house floor marked with black arrow, 1.24 ft above land-surface datum.

PERIOD OF RECORD.--1973-1983, 1990-1991, 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 92.08 ft. below land-surface datum, May 1, 1998; lowest recorded, 145.67 ft below land-surface datum, July 25, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	99.83	NOV 30	97.49	JAN 31	94.69	MAR 25	94.81	MAY 25	95.33	JUL 20	99.59
10	99.63	DEC 05	96.70	FEB 05	94.83	31	95.06	31	97.80	31	99.98
15	99.01	10	96.66	10	94.43	APR 05	94.66	JUN 05	98.06	AUG 05	99.76
20	98.70	15	95.87	15	94.39	10	94.75	08	98.34	10	98.87
25	98.58	20	95.96	20	94.71	15	94.53	10	98.59	15	98.84
27	98.27	25	95.97	25	94.63	20	94.40	15	98.86	20	99.31
31	97.82	31	95.99	29	94.77	25	95.09	20	99.04	25	98.77
NOV 05	98.06	JAN 05	96.22	MAR 05	94.42	30	95.44	25	99.28	SEP 06	100.74
10	97.83	10	95.73	10	94.51	MAY 05	94.94	30	99.75	25	97.76
15	97.92	15	95.64	13	94.22	10	94.69	JUL 05	98.72		
20	98.26	20	95.49	15	93.93	15	94.70	10	99.71		
25	97.54	25	94.70	20	94.41	20	94.70	15	99.05		
WATER YEAR 2000		HIGHEST	93.93 MAR 15, 2000	LOWEST		100.74 SEP 06, 2000					

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"700-foot" sand of Lake Charles area of Pleistocene age (11207LC).

WELL CHARACTERISTICS.--Depth 733 ft, screened 727-733, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 21 ft above sea level. Measuring point: Top of 2-in. casing, 0.14 ft below land-surface datum.

PERIOD OF RECORD.--1974-1985, 1991, 1995, 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 85.46 ft below land-surface datum, Mar. 5, 1991; lowest recorded, 128.70 ft below land-surface datum, Aug. 1, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	92.64	JAN 10	90.54	MAR 14	89.47	JUN 08	91.86
WATER YEAR 2000		HIGHEST	89.47 MAR 14, 2000	LOWEST		92.64 OCT 27, 1999	

CALCASIEU PARISH--Continued

LOCAL NUMBER.--Cu-960, Site ID 301031093204902.

LOCATION.--Lat 30°10'31", long 93°20'49", Hydrologic Unit 08080206, Sec. 24, T.10S, R.10W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 598 ft, screened 592-598, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 21 ft above sea level. Measuring point: Top of 2-in. casing, 0.14 ft above land-surface datum.

PERIOD OF RECORD.--1974-83, 1985, 1991, 1885, 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 88.67 ft below land-surface datum, Mar. 5, 1991; lowest recorded, 134.18 ft below land-surface datum, Aug. 1, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 08	95.74	SEP 13	96.44
WATER YEAR 2000		HIGHEST	95.74 JUN 08, 2000
		LOWEST	96.44 SEP 13, 2000

CALDWELL PARISH

LOCAL NUMBER.--Ca-130, Site ID 320555092043501.

LOCATION.--Lat 32°05'55", long 92°04'35", Hydrologic Unit 08040207, Sec. 20, T.13N, R. 4E.

OWNER.--Town of Columbia.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 260 ft, screened 240-260, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 90 ft above sea level. 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, 13.50 ft below land-surface datum, Apr. 1, 1999; lowest recorded, 26.74 ft below land-surface datum, Oct. 1, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	18.92	JAN 03	25.15	APR 05	20.32	JUL 03	22.15
WATER YEAR 2000		HIGHEST	18.92 OCT 05, 1999	LOWEST		25.15 JAN 03, 2000	

CAMERON PARISH

LOCAL NUMBER.--Cn-80L, Site ID 295846092381105.

LOCATION.--Lat 29°58'46", long 92°38'11", Hydrologic Unit 08080202, Sec. 24, T.12S, R. 3W.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 481 ft, screened 475-481, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 4.73 ft above sea level. Measuring point: Top of 1-in. casing, 2.9 ft above land-surface datum.

PERIOD OF RECORD.--1964-1983, 1985, 1990-1991, 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.47 below land-surface datum, Mar. 22, 1965; lowest recorded, 39.00 ft below land-surface datum, June 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 20	39.00	SEP 13	38.43
WATER YEAR 2000		HIGHEST	38.43 SEP 13, 2000
		LOWEST	39.00 JUN 20, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 478 ft, screened 468-478, casing diameter 1 in.

DATUM.--Elevation of land surface datum is 4.45 ft above sea level. Measuring point: Top of 1-in. pipe, 3.18 ft above land-surface datum.

PERIOD OF RECORD.--1964-1983, 1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.99 ft below land-surface datum, Mar. 22, 1965; lowest recorded, 41.84 ft below land-surface datum, June 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	32.07	JAN 12	31.44	MAR 15	37.52	JUN 20	41.84
WATER YEAR 2000		HIGHEST	31.44 JAN 12, 2000	LOWEST		41.84 JUN 20, 2000	

GROUND-WATER LEVELS

CAMERON PARISH--Continued

LOCAL NUMBER.--Cn-86L, Site ID 300120093320802.

LOCATION.--Lat 30°01'20", long 93°32'08", Hydrologic Unit 08080206, Sec. 13, T. 12S, R. 12W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 641 ft, screened 631-641, casing diameter 4 to 1 1/2 in.

DATUM.--Elevation of land surface datum is 3.66 ft above sea level. Measuring point: Top of 1 1/2-in. casing, 2.91 ft above land-surface datum.

PERIOD OF RECORD.--1964-83, 1985, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 32.16 ft below land-surface datum, Apr. 12, 1965; lowest recorded, 51.34 ft below land-surface datum, Sep. 19, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
SEP 14	41.74

LOCAL NUMBER.--Cn-88L, Site ID 300055093093004.

LOCATION.--Lat 30°00'55", long 93°09'30", Hydrologic Unit 08080206, Sec. 14, T.12S, R. 8W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"500-foot" sand of Lake Charles area of Pleistocene age (11205LC).

WELL CHARACTERISTICS.--Depth 804 ft, Screened 794-804, Casing diameter 4 to 1 1/2-in.

DATUM.--Elevation of land surface datum is 8.86 ft above sea level. Measuring point: Top of 1 1/2-in. pipe, 2.68 ft above land-surface datum.

PERIOD OF RECORD.--1964-1979, 1981-1983, 1985-1986, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.27 ft below land-surface datum, Apr. 13, 1965; lowest recorded, 66.95 ft below land-surface datum, July 21, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 11	51.14	JUN 20	53.22	SEP 13	54.09
WATER YEAR 2000		HIGHEST	51.14	JAN 11, 2000	LOWEST 54.09
				SEP 13, 2000	

LOCAL NUMBER.--Cn-90, Site ID. 295611093044801.

LOCATION.--Lat 29°56'11", long 93°04'48", Hydrologic Unit 08080202, Sec. 4, T. 13S, R. 7W.

OWNER.--U.S. Geological Survey.

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 sea level. Measuring point: Top of 4 to 2 in. bell reducer, 2.0 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 20	37.48	JUN 21	37.54	SEP 11	36.43
WATER YEAR 2000		HIGHEST	36.43	SEP 11, 2000	LOWEST 37.54
				JUN 21, 2000	

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"200-foot" sand of Lake Charles area aquifer of Pleistocene age (11202LC).

WELL CHARACTERISTICS.--Depth 443 ft, screened 438-443, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 5.50 ft above sea level. Measuring point: Top of 2-in. casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1964-1985, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.02 ft below land-surface datum, Apr. 13, 1965; lowest recorded, 53.96 ft below land-surface datum, Aug. 14, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 11	38.27	APR 06	43.12	APR 19	43.70	JUN 08	49.41	SEP 12	46.55
WATER YEAR 2000		HIGHEST	38.27	JAN 11, 2000	LOWEST	49.41	JUN 08, 2000		

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.

OWNER.--U.S. Geological Survey.

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 sea level. 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, 28.77 ft below land-surface datum, July 7, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	27.96	JAN 04	28.30	APR 05	28.55	JUL 07	28.77
WATER YEAR 2000	HIGHEST	27.96	OCT 05, 1999	LOWEST	28.77	JUL 07, 2000	

CLAIBORNE PARISH

LOCAL NUMBER.--Cl-149, Site ID 330002092445901.

LOCATION.--Lat 33°00'02", long 92°44'59", Hydrologic Unit 08040206, Sec. 11, T.23N, R. 4W.

OWNER.--U.S. Geological Survey.

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 sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	298.50	MAR 27	297.97	APR 06	297.65	JUL 05	297.89
WATER YEAR 2000	HIGHEST	297.65	APR 06, 2000	LOWEST	298.50	OCT 04, 1999	

CONCORDIA PARISH

LOCAL NUMBER.--Co-205, Site ID 312614091400001.

LOCATION.--Lat 31°26'14", long 91°40'00", Hydrologic Unit 08040306, Sec. 4, T. 5N, R. 8E.

OWNER.--Angelina Plantation.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 130 ft, screened 110-130, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 45 ft above sea level. Measuring point: Top of casing, 1.1 ft above land-surface datum.

PERIOD OF RECORD.--1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.03 ft below land-surface datum, Mar. 24, 1994; lowest recorded, 27.56 ft below land-surface datum, Sep. 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 07	15.29	SEP 13	19.48
WATER YEAR 2000	HIGHEST	15.29	MAR 07, 2000
		LOWEST	19.48
			SEP 13, 2000

LOCAL NUMBER.--Co-215, Site ID 312630091390001.

LOCATION.--Lat 31°26'30", long 91°39'00", Hydrologic Unit 08040306, Sec. 3, T. 5N, R. 8E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 121 ft, screened 118-121, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 45 ft above sea level. Measuring point: File mark on top of PVC bushing, 2.96 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.13 ft below land-surface datum, May 15, 1997; lowest recorded, 17.42 ft below land-surface datum, Sep. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	15.05	JAN 04	14.98	MAR 07	14.23	APR 05	13.26	JUL 07	15.63	SEP 12	17.42
WATER YEAR 2000	HIGHEST	13.26	APR 05, 2000	LOWEST	17.42	SEP 12, 2000					

GROUND-WATER LEVELS

DE SOTO PARISH

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.

OWNER.--U.S. Geological Survey.

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 sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	78.85	JAN 03	80.58	APR 03	80.00	JUL 05	80.04
WATER YEAR 2000		HIGHEST	78.85	OCT 04, 1999	LOWEST	80.58	JAN 03, 2000

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.

OWNER.--U.S. Geological Survey.

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 sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	15.08	JAN 05	14.86	APR 03	14.46	JUL 05	14.66
WATER YEAR 2000		HIGHEST	14.46	APR 03, 2000	LOWEST	15.08	OCT 04, 1999

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.

OWNER.--Baton Rouge Water Company.

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 sea level. Measuring point: Top edge of 10 in. collar, 1.1 ft above land-surface datum.

PERIOD OF RECORD.--1943-1945, 1947-1955, 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.70 ft above land-surface datum, Feb. 23, 1943; lowest recorded, 292.54 ft below land-surface datum, Aug. 31, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	258.07	FEB 11	248.77	MAY 15	261.18	JUL 20	282.57
WATER YEAR 2000		HIGHEST	248.77	FEB 11, 2000	LOWEST	282.57	JUL 20, 2000

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.

OWNER.--Divincenti Brothers.

AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).

WELL CHARACTERISTICS.--Depth 970 ft, Screened 840-883 and 916-970, Casing diameter 6 to 4 in.

DATUM.--Elevation of land surface datum is 57.02 ft above sea level. 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, Mar. 25, 1960; lowest recorded, 128.42 ft below land-surface datum, Sep. 9, 1956.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	93.68	FEB 11	92.69	MAY 15	91.54	JUL 17	93.67
WATER YEAR 2000		HIGHEST	91.54	MAY 15, 2000	LOWEST	93.68	NOV 16, 1999

EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-146, Site ID 302653091095701.

LOCATION.--Lat 30°26'53", long 91°09'57", Hydrologic Unit 08070201, Sec. 73, T. 7S, R. 1W.

OWNER.--East Baton Rouge Department of Public Works.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,259 ft, Screened 1,199-1,259, Casing diameter 6 to 4 in.

DATUM.--Elevation of land surface datum is 52 ft above sea level. Measuring point: 3/8 in. hole in plate atop 6-in. casing, 0.45 ft above land-surface datum.

PERIOD OF RECORD.--1916, 1963 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.00 ft above land-surface datum, Mar. 25, 1916; lowest recorded, 127.35 ft below land-surface datum, July 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	120.37	FEB 10	119.12	MAY 15	121.11	JUL 17	127.35
WATER YEAR 2000		HIGHEST	119.12	FEB 10, 2000		LOWEST	127.35 JUL 17, 2000

LOCAL NUMBER.--EB-155, Site ID 302930091101501.

LOCATION.--Lat 30°29'30", long 91°10'15", Hydrologic Unit 08070202, Sec. 43, T. 6S, R. 1W.

OWNER.--Exxon Company, U.S.A.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 412 ft, screened 311-412, casing diameter 18 to 12 in.

DATUM.--Elevation of land surface datum is 60.14 ft above sea level. Measuring point: Top inside edge of casing, 0.85 ft above land-surface datum.

PERIOD OF RECORD.--1963 to 1999.

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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 06	81.07

LOCAL NUMBER.--EB-168, Site ID 303001091093801.

LOCATION.--Lat 30°30'01", long 91°09'38", Hydrologic Unit 08070201, Sec. 38, T. 6S, R. 1W.

OWNER.--Baton Rouge Water Company.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,496 ft, screened 1,416-1,496, casing diameter 8 to 6 in.

DATUM.--Elevation of land surface datum is 56 ft above sea level. Measuring point: collar on plate atop casing, 1.95 ft above land-surface datum.

PERIOD OF RECORD.--1943, 1948, 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.00 ft above land-surface datum, Mar. 1, 1943; lowest recorded, 150.51 ft below land-surface datum, Nov. 16, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	150.51	FEB 11	142.42	MAY 15	144.00	JUL 17	149.91
WATER YEAR 2000		HIGHEST	142.42	FEB 11, 2000		LOWEST	150.51 NOV 16, 1999

LOCAL NUMBER.--EB-297, Site ID 303026091113001.

LOCATION.--Lat 30°30'26", long 91°11'30", Hydrologic Unit 08070201, Sec. 37, T. 6S, R. 1W.

OWNER.--LA Department of Transportation and Development.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,940 ft, screened 1,890-1,940, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 61 ft above sea level. Measuring point: Top of 4-in. nipple, send tape down 2-in. pipe, 2.2 ft above land-surface datum.

PERIOD OF RECORD.--1937, 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.00 ft above land-surface datum, 1937; lowest recorded, 336.23 ft below land-surface datum, Aug. 31, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	298.01	NOV 15	297.61	FEB 11	287.99	MAY 16	295.89	JUL 25	308.91
WATER YEAR 2000		HIGHEST	287.99	FEB 11, 2000		LOWEST	308.91	JUL 25, 2000	

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-304, Site ID 303440090592702.

LOCATION.--Lat 30°34'40", long 90°59'27", Hydrologic Unit 08070202, Sec. 49, T. 5S, R. 2E.

OWNER.--Greenwell Springs Hospital.

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 sea level. Measuring point: Top of 2-in. coupling welded on top of casing, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--1941, 1943-1946, 1949-1951, 1954-1970, 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 81.00 ft above land-surface datum, Dec. 19, 1941; lowest recorded, 80.26 ft below land-surface datum, July 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	76.95	FEB 08	74.38	MAY 11	74.21	JUL 17	80.26
WATER YEAR 2000		HIGHEST	74.21	MAY 11, 2000		LOWEST	80.26 JUL 17, 2000

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.

OWNER.--Joseph Roy Badeaux.

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 sea level. Measuring point: Top edge of 2 1/2 in. casing, 0.25 ft above land-surface datum.

PERIOD OF RECORD.--1942-1951, 1959, 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 67.00 ft above land-surface datum, Dec. 6, 1942; lowest recorded, 92.40 ft below land-surface datum, July 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	91.54	FEB 08	88.97	MAY 11	89.00	JUL 17	92.40
WATER YEAR 2000		HIGHEST	88.97	FEB 08, 2000		LOWEST	92.40 JUL 17, 2000

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.

OWNER.--Spedale Estate.

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 sea level. Measuring point: Top of 2-in. casing extension, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--1972-1988, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 100.10 ft below land-surface datum, Feb. 7, 1974; lowest recorded, 133.31 ft below land-surface datum, July 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	122.98	FEB 09	124.37	JUL 17	133.31
WATER YEAR 2000		HIGHEST	122.98	NOV 16, 1999	
				LOWEST	133.31 JUL 17, 2000

LOCAL NUMBER.--EB-367, Site ID 302930091111301.

LOCATION.--Lat 30°29'30", long 91°11'13", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.

OWNER.--Gulf States Utilities Co.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,061 ft, screened 1,961-2,061, casing diameter 12 to 8 in.

DATUM.--Elevation of land surface datum is 64.4 ft above sea level. Measuring point: Top edge of 12-in. casing, at land-surface datum.

PERIOD OF RECORD.--1942, 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.00 ft below land-surface datum, June 16, 1942; lowest recorded, 372.20 ft below land-surface datum, Aug. 17, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	332.30	FEB 14	320.67	MAY 17	334.85	JUL 28	344.21	AUG 02	341.82
WATER YEAR 2000		HIGHEST	320.67	FEB 14, 2000		LOWEST	344.21	JUL 28, 2000	

EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-392, Site ID 302844091033601.

LOCATION.--Lat 30°28'44", long 91°03'36", Hydrologic Unit 08070201, Sec. 36, T. 6S, R. 1E.

OWNER.--General Service Administration.

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 sea level. Measuring point: Lower edge of collar on north side of well casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1942, 1973, 1977-1978, 1981, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.75 ft above land-surface datum, Sep. 6, 1942; lowest recorded, 112.67 ft below land-surface datum, July 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	105.96	FEB 08	102.67	MAY 12	104.57	JUL 20	112.67
WATER YEAR 2000		HIGHEST	102.67	FEB 08, 2000		LOWEST	112.67 JUL 20, 2000

LOCAL NUMBER.--EB-434, Site ID 302619091104003.

LOCATION.--Lat 30°26'19", long 91°10'40", Hydrologic Unit 08070202, Sec. 49, T. 7S, R. 1W.

OWNER.--Louisiana Department of Transportation and Development.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 611 ft, screened 551-611, casing diameter 8 to 6 in.

DATUM.--Elevation of land surface datum is 45.44 ft above sea level. Measuring point: Top of 2-in. nipple, 1.58 ft above land-surface datum.

PERIOD OF RECORD.--1961-1993, 1996-97, and 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 43.24 ft below land-surface datum, May 10, 1990; lowest recorded, 125.57 ft below land-surface datum, Oct. 22, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 14	69.44

LOCAL NUMBER.--EB-468, Site ID 303408091075001.

LOCATION.--Lat 30°34'08", long 91°07'50", Hydrologic Unit 08070202, Sec. 53, T. 5S, R. 1E.

OWNER.--A. M. Holden.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,407 ft, screened 2,319-2,407, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 73 ft above sea level. Measuring point: Top edge of 3/4 in. casing hole in sanitary seal, 0.43 ft above land-surface datum.

PERIOD OF RECORD.--1948-1951, 1953-1967, 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 71.60 ft above land-surface datum, Feb. 27, 1948; lowest recorded, 82.26 ft below land-surface datum, July 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	78.60	FEB 08	77.52	MAY 11	79.45	JUL 17	82.26
WATER YEAR 2000		HIGHEST	77.52	FEB 08, 2000		LOWEST	82.26 JUL 17, 2000

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.

OWNER.--Greenwell Springs Hospital.

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 sea level. 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, 56.14 ft below land-surface datum, July 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	54.58	FEB 08	53.89	MAY 11	53.94	JUL 17	56.14
WATER YEAR 2000		HIGHEST	53.89	FEB 08, 2000		LOWEST	56.14 JUL 17, 2000

GROUND-WATER LEVELS

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.
 OWNER.--Baton Rouge Recreation Park Commission.
 AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
 WELL CHARACTERISTICS.--Depth 1,640 ft, screened 1,580-1,640, casing diameter 6 to 3 in.
 DATUM.--Elevation of land surface datum is 65 ft above sea level. Measuring point: Top edge of 3/8 in. galvanized nipple, 1.73 ft above land-surface datum.
 PERIOD OF RECORD.--1959 to current year.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.95 ft below land-surface datum, Apr. 30, 1959; lowest recorded, 184.37 ft below land-surface datum, Nov. 15, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	179.68	FEB 08	175.57	MAY 11	176.34	JUL 17	183.92
WATER YEAR 2000		HIGHEST	175.57	FEB 08, 2000	LOWEST	183.92	JUL 17, 2000

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.
 OWNER.--U.S. Geological Survey.
 AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).
 WELL CHARACTERISTICS.--Depth 2,586 ft, Screened 2,581-2,586, Casing diameter 4 to 2 1/2 in.
 DATUM.--Elevation of land surface datum is 28 ft above sea level. 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, 14.54 ft below land-surface datum, May 15, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	12.70	DEC 15	12.59	FEB 10	12.60	MAY 15	14.54	JUL 17	14.17
WATER YEAR 2000		HIGHEST	12.59	DEC 15, 1999	LOWEST	14.54	MAY 15, 2000		

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.
 OWNER.--U.S. Geological Survey.
 AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).
 WELL CHARACTERISTICS.--Depth 1,622 ft, Screened 1,617-1,622, Casing diameter 4 in.
 DATUM.--Elevation of land surface datum is 28 ft above sea level. 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, 43.50 ft below land-surface datum, July 17, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	42.21	DEC 07	41.87	FEB 10	41.30	MAY 15	41.44	JUL 17	43.50
WATER YEAR 2000		HIGHEST	41.30	FEB 10, 2000	LOWEST	43.50	JUL 17, 2000		

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.
 OWNER.--U.S. Geological Survey.
 AQUIFER.--"1,000-foot" sand of Baton Rouge area of Pliocene age (12110BR).
 WELL CHARACTERISTICS.--Depth 1,189 ft, Screened 1,184-1,189, Casing diameter 4 in.
 DATUM.--Elevation of land surface datum is 28 ft above sea level. 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, 35.60 ft below land-surface datum, July 21, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	29.20	DEC 10	30.83	FEB 10	32.71	MAY 15	33.21	JUL 21	35.60
WATER YEAR 2000		HIGHEST	29.20	NOV 17, 1999	LOWEST	35.60	JUL 21, 2000		

EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-783A, Site ID 302502091113601.

LOCATION.--Lat 30°25'02", long 91°11'36", Hydrologic Unit 08070202, Sec. 54, T. 7S, R. 1W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 2,179 ft, screened 2,174-2,179, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 26 ft above sea level. Measuring point: Top edge of 1/2 in. hole in sanitary seal, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1965-1988, 1990 to 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.20 ft above land-surface datum, Mar. 1, 1966; lowest recorded, 69.64 ft below land-surface datum, Dec. 6, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 06	69.64

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 37 ft, screened 707-711, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 37 ft above sea level. 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, 33.88 ft below land-surface datum, Nov. 17, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	33.88	FEB 11	32.71	MAY 15	26.04	JUL 21	26.50
WATER YEAR 2000		HIGHEST	26.04	MAY 15, 2000		LOWEST	33.88
							NOV 17, 1999

LOCAL NUMBER.--EB-789B, Site ID 302511091070402.

LOCATION.--Lat 30°25'11", long 91°07'04", Hydrologic Unit 08070202, Sec. 93, T. 7S, R. 1E.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,721 ft, screened 1,717-1,721, casing diameter to 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 37 ft above sea level. Measuring point: Top of 2-in. casing, 0.88 ft above land-surface datum.

PERIOD OF RECORD.--1965-1993, 1996-1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.15 ft below land-surface datum, Mar. 4, 1966; lowest recorded, 53.53 ft below land-surface datum, Dec. 13, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 13	53.53

LOCAL NUMBER.--EB-792B, Site ID 302605091080602.

LOCATION.--Lat 30°26'05", long 91°08'06", Hydrologic Unit 08070202, Sec. 95, T. 7S, R. 1E.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,286 ft, screened 2,282-2,286, casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 45 ft above sea level. Measuring point: Top edge of 2-in. casing, 1.81 ft above land-surface datum.

PERIOD OF RECORD.--1965-1993, and 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 121.92 ft below land-surface datum, Mar. 28, 1966; lowest recorded, 239.60 ft below land-surface datum, July 27, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 09	206.66

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-793, Site ID 302719091103201.

LOCATION.--Lat 30°27'19", long 91°10'32", Hydrologic Unit 08070201, Sec. 71, T. 7S, R. 1W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 687 ft, screened 683-687, casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 35.3 ft above sea level. Measuring point: Top of 2-in. liner, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1965-1993, 1996-1998, and current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.56 ft below land-surface datum, July 23, 1990; lowest recorded, 121.55 ft below land-surface datum, Oct. 21, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
JAN 06	63.76

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 1,950 ft, Screened 1,946-1,950, Casing diameter 4 in.

DATUM.--Elevation of land surface datum is 46 ft above sea level. Measuring point: Top of 4-in. casing, 1.57 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.34 ft below land-surface datum, June 9, 1967; lowest recorded, 122.21 ft below land-surface datum, July 21, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	115.78	DEC 08	113.44	FEB 11	107.28	MAY 15	113.01	JUL 21	122.21
WATER YEAR 2000		HIGHEST	107.28	FEB 11, 2000		LOWEST	122.21	JUL 21, 2000	

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,762 ft, Screened 2,758-2,762, Casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 46 ft above sea level. 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, 116.28 ft below land-surface datum, May 15, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	113.62	DEC 08	107.98	FEB 11	107.21	MAY 15	116.28
WATER YEAR 2000		HIGHEST	107.21	FEB 11, 2000		LOWEST	116.28

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.

OWNER.--U.S. Geological Survey.

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 sea level. 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, 82.06 ft below land-surface datum, July 21, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	78.94	DEC 08	78.98	FEB 11	77.78	MAY 15	78.33	JUL 21	82.06
WATER YEAR 2000		HIGHEST	77.78	FEB 11, 2000		LOWEST	82.06	JUL 21, 2000	

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.

OWNER.--U.S. Geological Survey.

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 sea level. 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, 218.30 ft below land-surface datum, May 15, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	209.89	FEB 11	201.46	MAY 15	218.30
WATER YEAR 2000		HIGHEST	201.46	FEB 11, 2000	LOWEST 218.30 MAY 15, 2000

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.

OWNER.--Louisiana Water Resources Research Institute.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 581 ft, screened 575-581, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 33.56 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	52.85	FEB 10	51.94	MAY 15	50.58	JUL 21	52.12
WATER YEAR 2000		HIGHEST	50.58	MAY 15, 2000	LOWEST	52.85	NOV 17, 1999

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.

OWNER.--Louisiana Water Resources Research Institute.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 475 ft, screened 469-475, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 33.57 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	43.48	JAN 06	42.34	FEB 10	42.19	MAY 15	43.06	JUL 21	45.57
WATER YEAR 2000		HIGHEST	42.19	FEB 10, 2000	LOWEST	45.57	JUL 21, 2000		

LOCAL NUMBER.--EB-827, Site ID 303356091095301.

LOCATION.--Lat 30°33'56", long 91°09'53", Hydrologic Unit 08070202, Sec. 54, T. 5S, R. 1W.

OWNER.--Louisiana Water Resources Research Institute.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 370 ft, screened 364-370, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 63.96 ft above sea level. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1967-1988, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.97 ft below land-surface datum, Apr. 29, 1997; lowest recorded, 68.13 ft below land-surface datum, Nov. 1, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	55.58	FEB 08	55.59	MAY 11	51.24	JUL 17	51.19
WATER YEAR 2000		HIGHEST	51.19	JUL 17, 2000	LOWEST	55.59	FEB 08, 2000

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--EB-839, Site ID 303851091161001.

LOCATION.--Lat 30°38'51", long 91°16'10", Hydrologic Unit 08070201, Sec. 38, T. 5S, R. 2W.

OWNER.--Georgia-Pacific Corp.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 770 ft, screened 700-770, casing diameter 16 to 10 3/4 in.

DATUM.--Elevation of land surface datum is 80 ft above sea level. Measuring point: Top of casing, 1.07 ft above land-surface datum.

PERIOD OF RECORD.--1969, 1990, 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 64.68 ft below land-surface datum, Jan. 30, 1969; lowest recorded, 127.70 ft below land-surface datum, Feb. 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	99.29	FEB 03	127.70	MAY 16	116.64	JUL 26	94.29
WATER YEAR 2000		HIGHEST	94.29	JUL 26, 2000	LOWEST	127.70	FEB 03, 2000

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.

OWNER.--Georgia-Pacific Corp.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,380 ft, screened 1,250-1,270 and 1,350-1,380, casing diameter 6 in.

DATUM.--Elevation of land surface datum is 91 ft above sea level. 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, 147.52 ft below land-surface datum, Nov. 17, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	147.52	FEB 08	140.06	MAY 11	141.91	JUL 20	142.13
WATER YEAR 2000		HIGHEST	140.06	FEB 08, 2000	LOWEST	147.52	NOV 17, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 692 ft, screened 687-692, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 50 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	78.05	JAN 06	77.68	FEB 10	77.54	MAY 15	75.72	JUL 17	77.02
WATER YEAR 2000		HIGHEST	75.72	MAY 15, 2000	LOWEST	78.05	NOV 16, 1999		

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 73 ft, screened 70-73, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 82 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	10.71	FEB 08	4.68	MAY 11	4.52	JUL 17	10.62
WATER YEAR 2000		HIGHEST	4.52	MAY 11, 2000	LOWEST	10.71	NOV 16, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,736 ft, screened 1,731-1,736, casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 46.56 ft above sea level. Measuring point: File notches in N. side of PVC casing, 4.2 ft above land-surface datum.

PERIOD OF RECORD.--1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 116.98 ft below land-surface datum, Apr. 10, 1978; lowest recorded, 157.69 ft below land-surface datum, Aug. 30, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	152.12	DEC 05	146.82	FEB 05	138.48	MAR 31	140.72	JUN 05	152.79	AUG 05	155.06
10	150.89	09	145.35	10	136.74	APR 05	139.10	10	150.66	10	156.66
15	150.80	10	145.03	11	138.29	10	138.47	15	151.69	15	154.93
20	150.60	15	143.81	12	136.35	15	138.58	20	147.29	20	156.55
25	151.85	20	142.17	15	139.64	20	140.01	25	148.05	25	156.81
31	150.81	25	142.63	20	140.37	25	140.39	30	146.14	30	157.69
NOV 05	151.13	31	140.76	25	142.38	30	141.18	JUL 05	146.51	31	157.54
10	151.22	JAN 05	140.92	29	140.88	MAY 05	141.71	10	147.76	SEP 05	157.38
15	150.17	10	140.98	MAR 05	141.80	10	142.13	15	151.37	10	155.50
17	148.40	15	139.18	10	142.38	15	143.94	17	153.04	15	152.64
20	148.75	20	139.34	15	141.29	20	147.70	20	154.25	20	152.52
25	148.13	25	140.20	20	139.11	25	149.80	25	155.03	25	151.65
30	145.68	31	140.05	25	139.57	31	153.11	31	154.68	30	151.06

WATER YEAR 2000 HIGHEST 136.35 FEB 12, 2000 LOWEST 157.69 AUG 30, 2000

LOCAL NUMBER.--EB-918, Site ID 302547091074401.

LOCATION.--Lat 30°25'47", long 91°07'44", Hydrologic Unit 08070202, Sec. 91, T. 7S, R. 1E.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,834 ft, screened 1,829-1,834, casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 40 ft above sea level. Measuring point: Top of 4-in. collar, at land-surface datum.

PERIOD OF RECORD.--1973-91, 1994, 1996, and 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 103.15 ft below land-surface datum, Dec. 12, 1973; lowest recorded, 137.78 ft below land-surface datum, Oct. 7, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 07	137.66

LOCAL NUMBER.--EB-933, Site ID 302955091060601.

LOCATION.--Lat 30°29'55", long 91°06'06", Hydrologic Unit 08070202, Sec. 50, T. 6S, R. 1E.

OWNER.--U.S. Geological Survey.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 603 ft, screened 592-603, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 51 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	60.83	FEB 11	60.22	MAY 11	60.77	JUL 17	63.14
WATER YEAR 2000		HIGHEST	60.22	FEB 11, 2000	LOWEST	63.14	JUL 17, 2000

LOCAL NUMBER.--EB-934, Site ID 302955091060501.

LOCATION.--Lat 30°29'55", long 91°06'05", Hydrologic Unit 08070202, Sec. 50, T. 6S, R. 1E.

OWNER.--U.S. Geological Survey.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 385 ft, screened 372-385, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 51 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	50.44	FEB 11	49.82	MAY 11	50.94	JUL 17	53.33
WATER YEAR 2000		HIGHEST	49.82	FEB 11, 2000	LOWEST	53.33	JUL 17, 2000

GROUND-WATER LEVELS

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,792 ft, screened 2,787-2,792, casing diameter 4 and 2 in.

DATUM.--Elevation of land surface datum is 59 ft above sea level. Measuring point: Far right edge of side opening of 2-in. tee on well casing liner, 1.63 ft above land-surface datum.

PERIOD OF RECORD.--1975 to 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.53 ft below land-surface datum, Feb. 4, 1975; lowest recorded, 60.27 ft below land-surface datum, June 28, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 06	56.50

LOCAL NUMBER.--EB-945, Site ID 302932091101902.

LOCATION.--Lat 30°29'32", long 91°10'19", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 654 ft, screened 644-654, casing diameter 4 and 2 in.

DATUM.--Elevation of land surface datum is 59 ft above sea level. 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 to 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 59.09 ft below land-surface datum, July 9, 1990; lowest recorded, 158.05 ft below land-surface datum, Aug. 26, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 06	85.50

LOCAL NUMBER.--EB-946, Site ID 302932091101903.

LOCATION.--Lat 30°29'32", long 91°10'19", Hydrologic Unit 08070201, Sec. 43, T. 6S, R. 1W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,234 ft, screened 1,224-1,234, casing diameter 4 and 2 in.

DATUM.--Elevation of land surface datum is 59 ft above sea level. Measuring point: Far right edge of side opening of 2-in. tee on well casing, 2.02 ft above land-surface datum.

PERIOD OF RECORD.--1975 to 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 97.73 ft below land-surface datum, June 2, 1992; lowest recorded, 193.08 ft below land-surface datum, Oct. 2, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
DEC 06	130.48

LOCAL NUMBER.--EB-1000, Site ID 303251091115001.

LOCATION.--Lat 30°32'51", long 91°11'50", Hydrologic Unit 08070202, Sec. 69, T. 6S, R. 1W.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,926 ft, screened 2,916-2,926, casing diameter 2 1/2 in.

DATUM.--Elevation of land surface datum is 68 ft above sea level. 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, 71.12 ft below land-surface datum, July 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	68.13	JAN 06	67.51	FEB 08	67.31	MAY 16	68.06	JUL 25	71.12
WATER YEAR 2000		HIGHEST	67.31	FEB 08, 2000		LOWEST	71.12	JUL 25, 2000	

EAST BATON ROUGE PARISH--Continued

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 700 ft, screened 690-700, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 49 ft above sea level. 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, 56.60 ft below land-surface datum, July 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	52.95	FEB 08	52.27	MAY 12	53.40	JUL 20	56.60
WATER YEAR 2000		HIGHEST	52.27	FEB 08, 2000	LOWEST	56.60	JUL 20, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,238 ft, screened 2,223-2,238, casing diameter 2 1/2 in.

DATUM.--Elevation of land surface datum is 40 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16	236.29	FEB 10	222.31	MAY 16	239.62	JUL 21	261.17
WATER YEAR 2000		HIGHEST	222.31	FEB 10, 2000	LOWEST	261.17	JUL 21, 2000

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.

OWNER.--Georgia-Pacific Corp.

AQUIFER.--"400 and 600-foot" sands of Baton Rouge area of Pleistocene age (11205BR).

WELL CHARACTERISTICS.--Depth 250 ft, screened 210-250, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 97 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 30	110.00	FEB 08	110.28	MAY 16	99.27	JUL 20	100.07
WATER YEAR 2000		HIGHEST	99.27	MAY 16, 2000	LOWEST	110.28	FEB 08, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 498 ft, screened 488-498, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 38 ft above sea level. Measuring point: Top of 2-in. collar, at land-surface datum.

PERIOD OF RECORD.--1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 33.32 ft land-surface datum, May 22, 1995; lowest recorded, 49.52 ft below land-surface datum, July 20, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	42.61	FEB 09	42.07	MAY 12	45.21	JUL 20	49.52
WATER YEAR 2000		HIGHEST	42.07	FEB 09, 2000	LOWEST	49.52	JUL 20, 2000

GROUND-WATER LEVELS

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.

OWNER.--Capital Area Groundwater Conservation Commission.

AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).

WELL CHARACTERISTICS.--Depth 855 ft, screened 835-855, casing diameter 6 to 4 in.

DATUM.--Elevation of land surface datum is 44 ft above sea level. Measuring point: Hole in gage house floor, 4.3 ft above land-surface datum.

PERIOD OF RECORD.--1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 60.93 ft below land-surface datum, Feb. 19, 1997; lowest recorded, 99.44 ft below land-surface datum, Sep. 8, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	95.98	DEC 10	94.90	FEB 15	91.74	APR 15	90.13	JUN 20	94.48	AUG 25	98.58
10	95.64	15	94.44	20	92.18	20	90.27	25	94.50	31	99.08
15	95.77	20	93.83	25	92.46	25	90.49	30	94.11	SEP 05	99.26
20	95.83	25	93.69	29	92.07	30	90.74	JUL 05	93.83	08	99.44
25	96.17	31	92.97	MAR 05	91.90	MAY 05	91.14	10	94.02	10	99.31
31	96.20	JAN 05	92.88	10	91.69	10	91.17	15	94.75	15	98.81
NOV 05	96.24	10	92.73	15	91.45	15	91.72	20	95.70	20	98.86
10	96.18	15	92.20	20	90.91	20	92.70	25	96.32	25	98.67
15	95.91	20	91.58	25	90.95	25	93.47	31	96.72	30	98.40
20	95.52	25	91.74	31	90.96	31	94.72	AUG 05	97.11		
25	95.50	31	91.87	APR 05	90.48	JUN 05	95.07	10	97.63		
30	95.12	FEB 05	91.72	10	90.19	10	94.88	15	97.70		
DEC 05	95.25	10	91.04	14	89.98	15	95.19	20	98.24		

WATER YEAR 2000 HIGHEST 89.98 APR 14, 2000 LOWEST 99.44 SEP 08, 2000

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.

OWNER.--Capital Area Ground Water Conservation Commission.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 547 ft, screened 537-547, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 31 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17	38.48	JAN 07	39.06	FEB 11	36.30	FEB 17	42.12	MAR 30	37.68	JUL 21	46.09

WATER YEAR 2000 HIGHEST 36.30 FEB 11, 2000 LOWEST 46.09 JUL 21, 2000

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.

OWNER.--Capital Area Ground Water Conservation Commission.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 1,754 ft, screened 780-800, 825-865, and 1,620-1,744, casing diameter 18 to 10 in.

DATUM.--Elevation of land surface datum is 45 ft above sea level. 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.

PERIOD OF RECORD.--1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 115.15 ft below land-surface datum, Apr. 14, 2000; lowest recorded, 134.00 ft below land-surface datum, Oct. 13, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	129.62	DEC 25	122.07	MAR 01	119.27	APR 25	117.91	JUN 25	124.92	AUG 25	132.02
10	128.84	31	120.65	05	120.38	30	119.16	30	122.77	31	132.63
15	128.93	JAN 05	120.71	10	120.68	MAY 05	118.91	JUL 05	123.67	SEP 05	132.54
20	128.81	10	121.08	15	119.09	10	119.40	10	124.44	06	132.79
25	129.74	15	119.29	20	118.33	15	120.70	15	127.15	10	131.35
31	128.90	17	117.23	25	118.42	20	124.21	20	129.35	15	129.19
NOV 05	129.33	20	117.95	31	119.25	25	125.83	25	130.08	20	129.31
30	124.65	25	118.56	APR 05	117.18	31	128.50	31	129.99	25	128.68
DEC 05	126.28	31	118.59	10	116.58	JUN 05	127.57	AUG 05	130.41	30	128.20
10	124.65	FEB 05	116.64	14	115.15	10	126.79	10	131.67		
15	123.17	08	115.73	15	116.61	15	127.57	15	130.51		
20	121.94	11	117.06	20	117.63	20	123.65	20	131.79		

WATER YEAR 2000 HIGHEST 115.15 APR 14, 2000 LOWEST 132.79 SEP 06, 2000

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.

OWNER.--Elton Fortenberry.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 114 ft, screened 74-114, casing diameter 12 in.

DATUM.--Elevation of land surface datum is 97 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	17.45	JAN 04	22.82	APR 04	23.92	JUL 07	22.20
WATER YEAR 2000		HIGHEST	17.45	OCT 05, 1999	LOWEST	23.92	APR 04, 2000

EAST FELICIANA PARISH

LOCAL NUMBER.--EF-61, Site ID 305144091010901.

LOCATION.--Lat 30°51'44", long 91°01'09", Hydrologic Unit 08070202, Sec. 83, T. 2S, R. 2E.

OWNER.--Town of Clinton.

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 sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	84.36	JAN 31	84.77	JUN 27	85.48	JUL 24	85.52
WATER YEAR 2000		HIGHEST	84.36	NOV 05, 1999	LOWEST	85.52	JUL 24, 2000

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.

OWNER.--East Louisiana State Hospital.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,514 ft, screened 1,469-1,514, casing diameter 14 to 12 to 10 in.

DATUM.--Elevation of land surface datum is 228 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	205.78	JAN 31	203.96	JUN 27	206.02	JUL 24	205.93
WATER YEAR 2000		HIGHEST	203.96	JAN 31, 2000	LOWEST	206.02	JUN 27, 2000

LOCAL NUMBER.--EF-223, Site ID 304309091083201.

LOCATION.--Lat 30°43'09", long 91°08'32", Hydrologic Unit 08070202, Sec. 7, T. 4S, R. 1E.

OWNER.--Town of Slaughter.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 2,000 ft, screened 1,935-2,000, casing diameter 10 to 6 in.

DATUM.--Elevation of land surface datum is 135 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	131.21	JAN 31	130.00	JUN 27	132.98	JUL 24	133.06
WATER YEAR 2000		HIGHEST	130.00	JAN 31, 2000	LOWEST	133.06	JUL 24, 2000

GROUND-WATER LEVELS

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.

OWNER.--Chestley Fontenot.

AQUIFER.--Chicot aquifer, undifferentiated of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 231 ft, screened 149-231, casing diameter 18 to 12 in.

DATUM.--Elevation of land surface datum is 65.66 ft above sea level. Measuring point: Hole in floor, back middle marked with blank ink, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--1948 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 45.52 ft below land-surface datum, Apr. 18, 1951; lowest recorded, 110.24 ft below land-surface datum, June 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	98.53	DEC 20	96.39	FEB 05	96.34	MAR 25	104.68	MAY 10	105.24	JUN 25	107.38
31	98.38	25	96.60	10	96.15	27	104.07	15	105.32	30	107.10
NOV 05	98.52	31	95.47	15	98.15	29	104.07	20	106.42	JUL 05	106.93
10	98.46	JAN 05	95.86	20	99.97	31	104.62	25	106.91	10	104.98
15	98.46	09	94.76	25	101.02	APR 05	104.08	31	109.39	15	104.19
20	98.46	10	94.92	29	102.66	10	105.33	JUN 01	109.56	20	104.18
25	98.46	13	95.20	MAR 05	102.69	15	104.80	03	110.24	25	103.11
30	98.46	15	96.40	10	102.69	20	107.14	05	109.95	27	103.02
DEC 05	97.57	20	95.41	15	102.69	25	105.48	10	108.52	31	102.58
10	97.24	25	95.54	17	104.37	30	106.77	15	108.83		
15	96.92	31	95.58	20	104.16	MAY 05	106.50	20	107.49		

WATER YEAR 2000 HIGHEST 94.76 JAN 09, 2000 LOWEST 110.24 JUN 03, 2000

FRANKLIN PARISH

LOCAL NUMBER.--Fr-720, Site ID 320941091411301.

LOCATION.--Lat 32°09'41", long 91°41'13", Hydrologic Unit 08050001, Sec. 30, T.14N, R. 8E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 100 ft, screened 97-100, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 75 ft above sea level. Measuring point: Top of pvc casing, 3.4 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.39 ft below land-surface datum, Mar. 9, 1995; lowest recorded, 18.92 ft below land-surface datum, Sep. 12, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 23	18.64	SEP 12	18.92

WATER YEAR 2000 HIGHEST 18.64 MAR 23, 2000 LOWEST 18.92 SEP 12, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 77 ft, screened 72-77, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 65 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	11.63	JAN 03	11.39	MAR 23	10.88	APR 06	9.68	JUL 07	11.41	SEP 12	12.27

WATER YEAR 2000 HIGHEST 9.68 APR 06, 2000 LOWEST 12.27 SEP 12, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Williana-Bentley aquifer of Pleistocene age (112WLBN).

WELL CHARACTERISTICS.--Depth 97 ft, screened 93-97, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 231.36 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	69.10	JAN 04	69.98	APR 04	70.22	JUL 03	70.63
WATER YEAR 2000		HIGHEST	69.10	OCT 05, 1999		LOWEST	70.63 JUL 03, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 585 ft, screened 580-585, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 18.53 ft above sea level. 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, 22.34 ft below land-surface datum, Sep. 15, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	20.78	JAN 13	21.17	MAR 16	21.05	JUN 09	22.14	SEP 15	22.34
WATER YEAR 2000		HIGHEST	20.78	OCT 28, 1999		LOWEST	22.34	SEP 15, 2000	

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.

OWNER.--J Supples and Sons Mercantile Co.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 608 ft, Screened 588-608, Casing diameter 3 in.

DATUM.--Elevation of land surface datum is 18.94 ft above sea level. 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, 15.49 ft below land-surface datum, Feb. 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	15.44	FEB 23	15.49	MAY 04	8.36	JUL 26	9.83
WATER YEAR 2000		HIGHEST	8.36	MAY 04, 2000		LOWEST	15.49 FEB 23, 2000

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.

OWNER.--Stone Container Corp.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 570 ft, screened 542-570, casing diameter 12 to 8 in.

DATUM.--Elevation of land surface datum is 160.0 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 12	183.15	JAN 04	178.19	APR 03	173.19	JUL 06	179.31
WATER YEAR 2000		HIGHEST	173.19	APR 03, 2000		LOWEST	183.15 OCT 12, 1999

GROUND-WATER LEVELS

JACKSON PARISH--Continued

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 703 ft, screened 693-703, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 220 ft above sea level. 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, 251.44 ft below land-surface datum, Jan 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 12	251.30	JAN 03	251.44	APR 05	250.75	JUL 03	250.68
WATER YEAR 2000		HIGHEST	250.68	JUL 03, 2000		LOWEST	251.44 JAN 03, 2000

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.

OWNER.--Jefferson Parish Consolidated Water District.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 780 ft, screened 660-780, casing diameter 6 to 4 in.

DATUM.--Elevation of land surface datum is 9 ft above sea level. Measuring point: Top of 4-in. plastic lining, 2.05 ft above land-surface datum.

PERIOD OF RECORD.--1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 58.62 ft below land-surface datum, Feb. 18, 1999; lowest recorded, 94.34 ft below land-surface datum, Nov. 11, 1975.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	63.66	FEB 16	61.58	MAY 01	61.73	JUL 12	62.80
WATER YEAR 2000		HIGHEST	61.58	FEB 16, 2000		LOWEST	63.66 OCT 29, 1999

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.

OWNER.--Jefferson Parish Drainage District.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 700 ft, screened 660-700, casing diameter 12 to 6 to 4 in.

DATUM.--Elevation of land surface datum is at sea level. 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, 20.63 ft below land-surface datum, May 2, 2000; lowest recorded, 35.00 ft below land-surface datum, May 31, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	22.30	FEB 16	21.02	MAY 02	20.63	JUL 12	23.14
WATER YEAR 2000		HIGHEST	20.63	MAY 02, 2000		LOWEST	23.14 JUL 12, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Norco aquifer of Pleistocene age (112NORC).

WELL CHARACTERISTICS.--Depth 325 ft, screened 315-325, casing diameter 4 to 2 in.

DATUM.--Elevation of land surface datum is 5 ft below sea level. Measuring point: Top of 2-in. casing, 6.1 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.96 ft above land-surface datum, Aug. 5, 1997; lowest recorded, 1.44 ft below land-surface datum, Jan. 20, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	+2.01	FEB 16	+2.92	MAY 02	+.65	JUL 12	+.86
WATER YEAR 2000		HIGHEST	+2.92	FEB 16, 2000		LOWEST	+.65 MAY 02, 2000

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.

OWNER.--Welsh Canal Co.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 318 ft, Screened 238-318, Casing diameter 12 in.

DATUM.--Elevation of land surface datum is 24.10 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	73.68	JAN 12	70.10	MAR 15	67.96
WATER YEAR 2000		HIGHEST	67.96	MAR 15, 2000	LOWEST 73.68 OCT 28, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 290 ft, Screened 270-290, Casing diameter 4 to 2 in.

DATUM.--Elevation of land surface datum is 21.36 ft above sea level. Measuring point: South side of round cutaway over well, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 46.91 ft below land-surface datum, Apr. 7, 1992; lowest recorded, 107.41 ft below land-surface datum, July 19, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	65.79	DEC 05	66.66	FEB 05	59.70	APR 05	69.50	JUN 05	83.18	AUG 10	71.73
10	65.27	10	64.52	07	59.60	10	71.10	07	80.85	15	72.19
15	65.37	15	63.46	10	59.70	15	69.87	10	78.21	20	71.44
20	65.05	20	62.97	15	59.76	20	70.19	15	78.38	25	71.00
25	64.77	25	62.34	20	61.70	25	74.19	20	77.34	31	72.38
28	69.08	31	61.56	25	64.52	26	74.87	25	77.49	SEP 05	73.74
31	66.37	JAN 05	61.14	29	66.29	30	76.07	30	78.88	10	70.99
NOV 05	66.37	10	60.78	MAR 05	69.99	MAY 05	73.56	JUL 05	76.26	15	71.23
10	69.58	12	60.90	10	71.50	10	71.60	10	74.88	20	69.54
15	67.99	15	60.69	15	70.82	15	74.61	15	74.49	25	68.74
20	66.51	20	60.64	20	70.61	20	80.22	27	73.28	30	67.73
25	65.29	25	60.37	25	70.00	25	77.16	31	72.35		
30	64.54	31	59.90	31	71.02	31	78.45	AUG 05	71.07		
WATER YEAR 2000		HIGHEST	59.60	FEB 07, 2000	LOWEST	83.18	JUN 05, 2000				

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).

WELL CHARACTERISTICS.--Depth 666 ft, screened 656-666, casing diameter 4 to 2 in.

DATUM.--Elevation of land surface datum is 22 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	68.44	JAN 12	65.83	JUN 06	73.23
WATER YEAR 2000		HIGHEST	65.83	JAN 12, 2000	LOWEST 73.23 JUN 06, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 152 ft, screened 146-152, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 40.37 ft above sea level. Measuring point: Top of 1-in. nipple on 2-in. casing, 0.29 ft above land-surface datum.

PERIOD OF RECORD.--1981-85, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 41.14 ft below land-surface datum, Jan. 28, 1999; lowest recorded, 51.09 ft below land-surface datum, June 8, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	49.17	JAN 13	49.76	MAR 16	49.07	JUN 08	51.09
WATER YEAR 2000		HIGHEST	49.07	MAR 16, 2000	LOWEST	51.09	JUN 08, 2000

GROUND-WATER LEVELS

LA SALLE PARISH

LOCAL NUMBER.--La-254A, Site ID 315444092122801.

LOCATION.--Lat 31°54'44", long 92°12'28", Hydrologic Unit 08040302, Sec. 30, T.11N, R. 3E.

OWNER.--City of Olla.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 510 ft, screened 450-510, casing diameter 10 to 6 in.

DATUM.--Elevation of land surface datum is 160 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	80.22	JAN 03	85.23	APR 05	79.24	JUL 03	80.62
WATER YEAR 2000		HIGHEST	79.24	APR 05, 2000	LOWEST	85.23	JAN 03, 2000

LINCOLN PARISH

LOCAL NUMBER.--L-26, Site ID 324141092390501.

LOCATION.--Lat 32°41'41", long 92°39'05", Hydrologic Unit 08040206, Sec. 26, T.20S, R. 3W.

OWNER.--Town of Dubach.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 686 ft, screened 633-686, casing diameter 10 to 6 in.

DATUM.--Elevation of land surface datum is 155 ft above sea level. Measuring point: Top of 3/4-in. hole in plate, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1950, 1962, 1967-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 95.20 ft below land-surface datum, Apr. 22, 1950; lowest recorded, 187.97 ft below land-surface datum, Oct. 4, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	185.97	JAN 03	185.92	APR 06	184.84	JUL 05	185.44
WATER YEAR 2000		HIGHEST	184.84	APR 06, 2000	LOWEST	185.97	OCT 04, 1999

LOCAL NUMBER.--L-137, Site ID 323319092392001.

LOCATION.--Lat 32°33'19", long 92°39'20", Hydrologic Unit 08040206, Sec. 11, T.18N, R. 3W.

OWNER.--Ruston, La.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 600 ft, screened 520-600, casing diameter 16 to 10 in.

DATUM.--Elevation of land surface datum is 240 ft above sea level. Measuring point: Top of vent tube, 3.3 ft above land-surface datum.

PERIOD OF RECORD.--1973, 1980, 1985, 1989, 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 246.22 ft below land-surface datum, Nov. 29, 1973; lowest recorded, 311.26 ft below land-surface datum, June 23, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL		
OCT 13	307.25	FEB 18	303.30	JUN 23	311.26		
WATER YEAR 2000		HIGHEST	303.30	FEB 18, 2000	LOWEST	311.26	JUN 23, 2000

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.

OWNER.--Coy Kinchen.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 1,865 ft, screened 1,825-1,865, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 46 ft above sea level. 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, 36.00 ft above land-surface datum, July 8, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	+41.8	JAN 25	+40.8	APR 12	+41.3	JUL 07	+40.5
WATER YEAR 2000		HIGHEST	+41.8	OCT 14, 1999	LOWEST	+40.5	JUL 07, 2000

LIVINGSTON PARISH--Continued

LOCAL NUMBER.--Li-113, Site ID 302956090504601.

LOCATION.--Lat 30°29'56", long 90°50'46", Hydrologic Unit 08070202, Sec. 30, T. 6S, R. 4E.

OWNER.--W.K. Coburn.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,300 ft, screened interval unknown, Casing diameter 3 in.

DATUM.--Elevation of land surface datum is 48 ft above sea level. 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, 23.18 ft below land-surface datum, July 7, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	21.48	JAN 25	21.72	APR 12	22.00	JUL 07	23.18
WATER YEAR 2000		HIGHEST	21.48	OCT 14, 1999	LOWEST	23.18	JUL 07, 2000

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.

OWNER.--Blood River Church.

AQUIFER.--"400-foot" sand of Baton rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 500 ft, screened 490-500, casing diameter 1 1/2 in.

DATUM.--Elevation of land surface datum is 11 ft above sea level. Measuring point: Top of 3/4-in. nipple, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1966, 1984, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.40 ft above land-surface datum, July 15, 1966; lowest recorded, 1.60 ft above land-surface datum, May 19, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 03	+5.1	FEB 16	+4.0	APR 14	+4.7	AUG 02	+3.9
WATER YEAR 2000		HIGHEST	+5.1	NOV 03, 1999	LOWEST	+3.9	AUG 02, 2000

LOCAL NUMBER.--Li-185, Site ID 302724090565801.

LOCATION.--Lat 30°27'24", long 90°56'58", Hydrologic Unit 08070202, Sec. 38, T. 7S, R. 3E.

OWNER.--City of Denham Springs.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,611 ft, screened 2,531-2,611, casing diameter 14 to 12 to 8 in.

DATUM.--Elevation of land surface datum is 37 ft above sea level. 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, 77.21 ft below land-surface datum, July 6, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	72.05	JAN 25	65.64	APR 12	65.95	JUL 07	76.84
WATER YEAR 2000		HIGHEST	65.64	JAN 25, 2000	LOWEST	76.84	JUL 07, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 117 ft, screened 112-117, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 80 ft above sea level. 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, 16.01 ft below land-surface datum, June 8, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	13.34	JAN 04	14.08	MAR 07	14.15	APR 04	10.51	JUL 07	12.34	SEP 11	14.49
WATER YEAR 2000		HIGHEST	10.51	APR 04, 2000	LOWEST	14.49	SEP 11, 2000				

GROUND-WATER LEVELS

MADISON PARISH--Continued

LOCAL NUMBER.--Ma-65, Site ID 322428091130201.

LOCATION.--Lat 32°24'28", long 91°13'02", Hydrologic Unit 08050003, Sec. 34, T.17N, R.12E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 119 ft, screened 114-119, casing diameter 1 1/4-in.

DATUM.--Elevation of land surface datum is 78 ft above sea level. Measuring point: Top of casing, 0.6 ft above land-surface datum.

PERIOD OF RECORD.--1975, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.80 ft below land-surface datum, Mar. 23, 1998; lowest recorded, 12.20 ft below land-surface datum, Sep. 7, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 07	10.70	SEP 11	11.69
WATER YEAR 2000		HIGHEST	10.70 MAR 07, 2000
		LOWEST	11.69 SEP 11, 2000

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.

OWNER.--International Paper Co.

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 sea level. Measuring point: Top of nipple in 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	165.11	JAN 04	163.95	APR 04	163.18	JUL 10	166.15
WATER YEAR 2000		HIGHEST	163.18 APR 04, 2000	LOWEST		166.15 JUL 10, 2000	

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.

OWNER.--D. W. Pipes.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 81 ft, screened 71-81, casing diameter 3 in.

DATUM.--Elevation of land surface datum is 73.51 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	14.14	JAN 03	13.95	APR 04	9.42	JUL 10	12.47
WATER YEAR 2000		HIGHEST	9.42 APR 04, 2000	LOWEST		14.14 OCT 04, 1999	

LOCAL NUMBER.--Mo-342, Site ID 324753091471201.

LOCATION.--Lat 32°47'53", long 91°47'12", Hydrologic Unit 08050001, Sec. 19, T.21N, R. 7E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 620 ft, screened 640-620, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 88.34 ft above sea level. Measuring point: Top of bushing, 3.68 ft above land-surface datum.

PERIOD OF RECORD.--1968-81, 1985-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 86.75 ft below land-surface datum, Sep. 3, 1991; lowest recorded, 103.30 ft below land-surface datum, Aug. 20, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	
OCT 08	96.07	MAR 14	95.98	SEP 07	97.55	
WATER YEAR 2000		HIGHEST	95.98 MAR 14, 2000	LOWEST		97.55 SEP 07, 2000

MOREHOUSE PARISH--Continued

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 176 ft, screened 166-176, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 88.41 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	13.52	JAN 04	12.72	APR 04	7.87	JUL 10	19.76
WATER YEAR 2000		HIGHEST	7.87	APR 04, 2000		LOWEST	19.76 JUL 10, 2000

LOCAL NUMBER.--Mo-657, Site ID 324647091543806.

LOCATION.--Lat 32°46'47", long 91°54'38", Hydrologic Unit 08050001, Sec. 25, T.21N, R. 5E.

OWNER.--The Peoples Water Service Co.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 97 ft, screened 57-97, casing diameter 6 in.

DATUM.--Elevation of land surface datum is 126.64 ft above sea level. 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, 48.06 ft below land-surface datum, Apr. 6, 2000; lowest recorded, 60.00 ft below land-surface datum, June 7, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	48.39	JAN 04	50.48	APR 06	48.06	JUL 10	48.15
WATER YEAR 2000		HIGHEST	48.06	APR 06, 2000		LOWEST	50.48 JAN 04, 2000

LOCAL NUMBER.--Mo-708, Site ID 325356091344801.

LOCATION.--Lat 32°53'56", long 91°34'48", Hydrologic Unit 08050001, Sec. 18, T.22S, R. 9E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 276 ft, screened 246-256 and 266-276, casing diameter 3 in.

DATUM.--Elevation of land surface datum is 96 ft above sea level. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.28 ft below land-surface datum, Apr. 5, 1993; lowest recorded, 36.43 ft below land-surface datum, Oct. 7, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	36.43	JAN 04	31.60	APR 06	30.55	JUL 24	31.83	SEP 11	33.08
WATER YEAR 2000		HIGHEST	30.55	APR 06, 2000		LOWEST	36.43	OCT 07, 1999	

LOCAL NUMBER.--Mo-710, Site ID 325826091280401.

LOCATION.--Lat 32°58'26", long 91°28'04", Hydrologic Unit 08050001, Sec. 17, T.23N, R.10E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 130 ft, screened 120-130, casing diameter 3 in.

DATUM.--Elevation of land surface datum is 99 ft above sea level. 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, 12.29 ft below land-surface datum, Sep. 3, 1991; lowest recorded, 17.33 ft below land-surface datum, Sep. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 06	16.80	SEP 11	17.33
WATER YEAR 2000		HIGHEST	16.80 MAR 06, 2000
		LOWEST	17.33 SEP 11, 2000

GROUND-WATER LEVELS

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 90 ft, screened 88-90, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 96 ft above sea level. Measuring point: Top of bushing, at 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, 36.70 ft below land-surface datum, Sep. 10, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	32.25	JAN 04	36.23	MAR 14	35.50	APR 06	35.34	JUL 24	35.92	SEP 14	36.55
WATER YEAR 2000		HIGHEST	32.25	OCT 07, 1999	LOWEST	36.55	SEP 14, 2000				

NATCHITOCHE PARISH

LOCAL NUMBER.--Na-9, Site ID 312934093114801.

LOCATION.--Lat 31°29'34", long 93°11'48", Hydrologic Unit 11140207, Sec. 21, T. 6N, R. 8W.

OWNER.--U.S. Forest Service.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 1,300 ft, screened 1,200-1,300, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 185 ft above sea level. Measuring point: Top of sanitary seal, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.34 ft below land-surface datum, Oct. 6, 1993; lowest recorded, 40.00 ft below land-surface datum, Jan. 1, 1936.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	8.16	JAN 06	7.72	APR 04	7.26	JUL 06	7.55
WATER YEAR 2000		HIGHEST	7.26	APR 04, 2000	LOWEST	8.16	OCT 05, 1999

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.

OWNER.--U.S. Navy.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 775 ft, screened 664-775, casing diameter 8 in.

DATUM.--Elevation of land surface datum is 10 ft above sea level. Measuring point: Notch in wooden platform over well casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1942, 1949 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.07 ft below land-surface datum, May 25, 1942; lowest recorded, 140.48 ft below land-surface datum, Sep. 20, 1968.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	69.58	DEC 05	70.79	FEB 10	68.17	APR 10	67.47	JUN 15	70.27	AUG 10	71.13
10	70.66	10	70.56	15	68.29	12	67.26	20	70.25	15	71.10
15	71.06	15	70.16	17	68.41	13	67.31	25	70.33	20	71.15
20	71.24	20	69.82	20	68.52	15	67.34	30	70.00	25	70.78
25	71.40	25	69.55	25	68.14	MAY 03	68.20	JUL 05	70.00	31	71.27
31	71.16	31	69.27	29	67.89	05	68.32	10	70.11	SEP 05	71.22
NOV 03	70.23	JAN 05	69.22	MAR 05	67.94	10	68.50	11	69.13	10	71.20
05	71.20	10	68.80	10	67.93	15	68.81	13	69.29	15	71.17
10	71.03	15	68.79	15	68.06	20	69.16	15	70.46	20	71.04
15	71.05	20	68.78	20	68.08	25	69.53	20	70.68	25	70.88
20	71.01	25	68.66	25	67.88	31	69.76	31	70.92	26	70.96
25	71.19	31	68.53	31	67.65	JUN 05	69.81	AUG 04	71.08	30	71.00
30	70.89	FEB 05	68.44	APR 05	67.47	10	70.18	05	71.20		
WATER YEAR 2000		HIGHEST	67.26	APR 12, 2000	LOWEST	71.40	OCT 25, 1999				

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 449 ft, screened 439-449, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 10 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	37.26	FEB 16	37.54	APR 12	37.20	JUL 11	37.63
WATER YEAR 2000		HIGHEST	37.20	APR 12, 2000	LOWEST	37.63	JUL 11, 2000

GROUND-WATER LEVELS

527

ORLEANS PARISH--Continued

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Abita aquifer of Pliocene age (120ABIT).

WELL CHARACTERISTICS.--Depth 2,434 ft, screened 2,429-2,434, casing diameter 2 1/2 in.

DATUM.--Elevation of land surface datum is 4 ft above sea level. 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, 48.0 ft above land-surface datum, Jan. 26, 2000, July 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	+48.9	JAN 26	+48.0	APR 12	+48.8	JUL 11	+48.0
WATER YEAR 2000		HIGHEST	+48.9	NOV 01, 1999		LOWEST	+48.0
				JAN 26, 2000		JUL 11, 2000	

LOCAL NUMBER.--Or-203, Site ID 300349089562401.

LOCATION.--Lat 30°03'49", long 89°56'24", Hydrologic Unit 08090203, Sec. 30, T.11S, R.13E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 453 ft, screened 448-453, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 5 ft below sea level. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 58.42 ft below land-surface datum, Feb. 5, 1993; lowest recorded, 81.72 ft below land-surface datum, Sep. 29, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
SEP 27	71.44

LOCAL NUMBER.--Or-214, Site ID 300149090041701.

LOCATION.--Lat 30°01'41", long 90°04'12", Hydrologic Unit 08090203, Sec. 108, T.12S, R.11E.

OWNER.--University of New Orleans.

AQUIFER.--Gonzales-New Orleans aquifer of Pleistocene age (112GZNO).

WELL CHARACTERISTICS.--Depth 630 ft, Screened 527-630, Casing diameter 18 to 12 3/4 in.

DATUM.--Elevation of land surface datum is 5 ft above sea level. Measuring point: Top edge of 18-in. casing, 5.03 ft below land-surface datum.

PERIOD OF RECORD.--1984, 1993 to 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 67.61 ft below land-surface datum, Oct. 29, 1999; lowest recorded, 135.00 ft below land-surface datum, Aug. 16, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
OCT 29	67.61

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.

OWNER.--Riverwood International, USA.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 721 ft, screened 607-721, casing diameter 16 to 10 in.

DATUM.--Elevation of land surface datum is 60 ft above sea level. Measuring point: Top of recorder shelf, 4.50 ft above land-surface datum.

PERIOD OF RECORD.--1956, 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 194.60 ft below land-surface datum, May 3, 1956; lowest recorded, 298.83 ft below land-surface datum, Aug. 25, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	297.14	JAN 06	296.66	APR 07	293.17	JUN 14	288.88	JUN 15	293.88	JUL 17	292.72
WATER YEAR 2000		HIGHEST	288.88	JUN 14, 2000		LOWEST	297.14	OCT 08, 1999			

GROUND-WATER LEVELS

OUACHITA PARISH--Continued

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 397 ft, screened 389-397, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 62.28 ft above sea level. Measuring point: Top of casing, 3.89 ft above land-surface datum.

PERIOD OF RECORD.--1965-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 70.11 ft below land-surface datum, Apr. 27, 1967; lowest recorded, 114.44 ft below land-surface datum, Sep. 14, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	111.25	MAR 27	110.11	SEP 13	114.23
WATER YEAR 2000		HIGHEST	110.11	MAR 27, 2000	LOWEST 114.23 SEP 13, 2000

LOCAL NUMBER.--Ou-402, Site ID 321714092041401.

LOCATION.--Lat 32°17'14", long 92°04'14", Hydrologic Unit 08050001, Sec. 16, T.15N, R. 4E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 750 ft, screened 740-750, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 63.30 ft above sea level. Measuring point: Top of bushing, 3.22 ft above land-surface datum.

PERIOD OF RECORD.--1965-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 37.01 ft below land-surface datum, July 5, 1965; lowest recorded, 59.52 ft below land-surface datum, Sep. 6, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 21	58.48	SEP 06	59.52
WATER YEAR 2000		HIGHEST	58.48 MAR 21, 2000
		LOWEST	59.52 SEP 06, 2000

LOCAL NUMBER.--Ou-403, Site ID 321714092041402.

LOCATION.--Lat 32°17'14", long 92°04'14", Hydrologic Unit 08050001, Sec. 16, T.15N, R. 4E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 460 ft, screened 453-460, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 63.30 ft above sea level. Measuring point: Top of casing, 3.82 ft above land-surface datum.

PERIOD OF RECORD.--1965-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.71 ft below land-surface datum, Sep. 13, 1967; lowest recorded, 68.59 ft below land-surface datum, Sep. 6, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 21	67.20	SEP 06	68.59
WATER YEAR 2000		HIGHEST	67.20 MAR 21, 2000
		LOWEST	68.59 SEP 06, 2000

LOCAL NUMBER.--Ou-405, Site ID 322531092053901.

LOCATION.--Lat 32°25'31", long 92°05'39", Hydrologic Unit 08050001, Sec. 30, T.17N, R. 4E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 775 ft, screened 770-775, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 66.66 ft above sea level. Measuring point: File marks on northeast side bell reducer, 3.97 ft above land-surface datum.

PERIOD OF RECORD.--1965-71, 1974-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 91.89 below land-surface datum, July 19, 1968; lowest recorded, 135.00 ft below land-surface datum, Jan. 31, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 31	135.00	MAR 28	134.56
WATER YEAR 2000		HIGHEST	134.56 MAR 28, 2000
		LOWEST	135.00 JAN 31, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 670 ft, screened 660-670, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 118 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	252.99	JAN 05	240.18	APR 07	238.87	JUL 07	239.58
WATER YEAR 2000		HIGHEST	238.87	APR 07, 2000		LOWEST	252.99 OCT 08, 1999

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.

OWNER.--C. Flint.

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 sea level. 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, 26.64 ft below land-surface datum, Dec 4, 1963.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	25.27	FEB 02	25.11	MAY 05	18.43	JUL 14	19.92
WATER YEAR 2000		HIGHEST	18.43	MAY 05, 2000		LOWEST	25.27 OCT 27, 1999

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.

OWNER.--Mrs. St. George Hines.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,530 ft, screened 1,490-1,530, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 33 ft above sea level. 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, 70.69 ft below land-surface datum, Oct. 28, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	70.69	FEB 02	69.05	MAY 05	68.69	JUL 14	66.90
WATER YEAR 2000		HIGHEST	66.90	JUL 14, 2000		LOWEST	70.69 OCT 28, 1999

LOCAL NUMBER.--PC-70, Site ID 303402091325501.

LOCATION.--Lat 30°34'02", long 91°32'55", Hydrologic Unit 08070300, Sec. 16, T. 6S, R. 9E.

OWNER.--Village of Livonia.

AQUIFER.--"2,400-foot" sand of Baton rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,294 ft, screened 2,259-2,294, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 26 ft above sea level. Measuring point: Edge of 2-in. hole on top of tee, 1.15 ft above land-surface datum.

PERIOD OF RECORD.--1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 73.90 ft above land-surface datum, May 5, 1960; lowest recorded, 5.78 ft below land-surface datum, July 14, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	5.20	FEB 02	4.86	MAY 05	4.88	JUL 14	5.78
WATER YEAR 2000		HIGHEST	4.86	FEB 02, 2000		LOWEST	5.78 JUL 14, 2000

GROUND-WATER LEVELS

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.

OWNER.--Village of Livonia.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 1,637 ft, screened 1,617-1,637, casing diameter 2 1/2 in.

DATUM.--Elevation of land surface datum is 27 ft above sea level. Measuring point: Top of 3-in. coupling, 0.6 ft above land-surface datum.

PERIOD OF RECORD.--1972-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.30 ft above land-surface datum, Apr. 1, 1960; lowest recorded, 45.63 ft below land-surface datum, Feb. 2, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	45.01	FEB 02	45.63	MAY 05	44.84	JUL 14	45.02
WATER YEAR 2000		HIGHEST	44.84	MAY 05, 2000		LOWEST	45.63 FEB 02, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 1,228 ft, screened 1,218-1,228, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 41 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	14.42	FEB 02	14.08	MAY 05	13.57	JUL 14	17.45
WATER YEAR 2000		HIGHEST	13.57	MAY 05, 2000		LOWEST	17.45 JUL 14, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 835 ft, screened 825-835, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 41 ft above sea level. 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, 14.11 ft below land-surface datum, Feb. 2, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	13.62	FEB 02	14.11	MAY 05	13.78	JUL 14	14.09
WATER YEAR 2000		HIGHEST	13.62	OCT 27, 1999		LOWEST	14.11 FEB 02, 2000

LOCAL NUMBER.--PC-154, Site ID 303538091232501.

LOCATION.--Lat 30°35'38", long 91°23'25", Hydrologic Unit 08070303, Sec. 48, T. 5S, R. 11E.

OWNER.--Alma Plantation.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 1,263 ft, screened 1,173-1,263, casing diameter 12 to 8 in.

DATUM.--Elevation of land surface datum is 36 ft above sea level. Measuring point: Top of collar welded to plate on top of well, 1.09 ft above land-surface datum.

PERIOD OF RECORD.--1972-73, 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 35.69 ft below land-surface datum, July 14, 2000; lowest recorded, 69.89 ft below land-surface datum, Feb. 20, 1990.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	53.44	FEB 02	43.27	MAY 05	38.77	JUL 14	35.69
WATER YEAR 2000		HIGHEST	35.69	JUL 14, 2000		LOWEST	53.44 OCT 28, 1999

POINTE COUPEE PARISH--Continued

LOCAL NUMBER.--PC-155, Site ID 303250091365001.

LOCATION.--Lat 30°32'50", long 91°36'50", Hydrologic Unit 08070300, Sec. 31, T. 6S, R. 8E.

OWNER.--John Blanchard.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 990 ft, screened 970-990, casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 25 ft above sea level. 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, 38.00 ft below land-surface datum, July 14, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	36.83	FEB 02	36.82	MAY 05	37.11	JUL 14	38.00
WATER YEAR 2000		HIGHEST	36.82	FEB 02, 2000	LOWEST	38.00	JUL 14, 2000

RAPIDES PARISH

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 131 ft, screened 128-131, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 220.55 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	52.85	JAN 05	53.27	APR 04	53.62	JUL 06	53.61
WATER YEAR 2000		HIGHEST	52.85	OCT 05, 1999	LOWEST	53.62	APR 04, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Catahoula aquifer of Miocene age (122CTHL).

WELL CHARACTERISTICS.--Depth 810 ft, screened 800-810, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 300 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	218.83	JAN 05	218.48	APR 04	218.05	JUL 06	218.10
WATER YEAR 2000		HIGHEST	218.05	APR 04, 2000	LOWEST	218.83	OCT 05, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,555 ft, screened 1,545-1,555, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 240 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	244.68	JAN 05	238.58	APR 04	235.97	JUL 06	239.59
WATER YEAR 2000		HIGHEST	235.97	APR 04, 2000	LOWEST	244.68	OCT 05, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Evangeline aquifer of Pliocene age (121EVGL).

WELL CHARACTERISTICS.--Depth 500 ft, screened 490-500, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 100 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	57.37	JAN 05	56.10	APR 04	70.85	JUL 06	64.00
WATER YEAR 2000		HIGHEST	56.10	JAN 05, 2000		LOWEST	70.85 APR 04, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 2,772 ft, screened 2,752-2,772, casing diameter 4 to 2 in.

DATUM.--Elevation of land surface datum is 180 ft above sea level. Measuring point: Top of bushing, 4.2 ft above land-surface datum.

PERIOD OF RECORD.--1981-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.10 ft below land-surface datum, Dec. 1, 1981; lowest recorded, 81.09 ft below land-surface datum, Oct. 5, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	81.09	JAN 05	81.08	APR 04	80.78	JUL 06	90.72
WATER YEAR 2000		HIGHEST	80.72	JUL 06, 2000		LOWEST	81.09 OCT 05, 1999

RED RIVER PARISH

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 348 ft, screened 338-348, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 160 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	18.10	JAN 03	18.10	APR 03	16.60	JUL 03	17.88
WATER YEAR 2000		HIGHEST	16.60	APR 03, 2000		LOWEST	18.10 OCT 04, 1999 JAN 03, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 300 ft, screened 290-300, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 84 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	19.86	JAN 03	19.55	APR 06	19.47	JUL 07	20.09
WATER YEAR 2000		HIGHEST	19.47	APR 06, 2000		LOWEST	20.09 JUL 07, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 153 ft, screened 143-153, casing diameter 4 to 2 in.

DATUM.--Elevation of land surface datum is 80 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	11.09	JAN 03	11.32	APR 06	11.05	JUL 07	11.09
WATER YEAR 2000		HIGHEST	11.05	APR 06, 2000		LOWEST	11.32 JAN'03, 2000

LOCAL NUMBER.--Ri-112, Site ID 322623091294901.

LOCATION.--Lat 32°26'23", long 91°29'49", Hydrologic Unit 08050002, Sec. 24, T.17N, R. 9E.

OWNER.--Mrs. Emmett Reynolds.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 67 ft, screened 64-67, casing diameter 2 to 1 1/4 in.

DATUM.--Elevation of land surface datum is 95 ft above sea level. Measuring point: Top of casing, 1.90 ft above land-surface datum.

PERIOD OF RECORD.--1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.19 ft below land-surface datum, May 25, 1978; lowest recorded, 35.42 ft below land-surface datum, Sep. 22, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
MAR 14	34.88

LOCAL NUMBER.--Ri-114, Site ID 322636091295702.

LOCATION.--Lat 32°26'36", long 91°29'57", Hydrologic Unit 08050002, Sec. 24, T.17N, R. 9E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 66 ft, screened 63-66, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 95 ft above sea level. Measuring point: Top of casing, 3.25 ft above land-surface datum.

PERIOD OF RECORD.--1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.54 ft below land-surface datum, Mar. 23, 1998; lowest recorded, 34.95 ft below land-surface datum, Dec. 4, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
MAR 13	31.19

LOCAL NUMBER.--Ri-124, Site ID 322605091301101.

LOCATION.--Lat 32°26'05", long 91°30'11", Hydrologic Unit 08050002, Sec. 25, T.17N, R. 9E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 84 ft, screened 81-84, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 95 ft above sea level. Measuring point: Top of casing, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--1974-1984, 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.56 ft below land-surface datum, Mar. 23, 1998; lowest recorded, 34.53 ft below land-surface datum, Sep. 22, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL
MAR 14	27.38

GROUND-WATER LEVELS

SABINE PARISH

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 544 ft, screened 539-544. casing diameter 2 in.

DATUM.--Elevation of land surface datum is 242 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	24.49	JAN 05	24.48	APR 04	24.25	JUL 06	24.22
WATER YEAR 2000		HIGHEST	24.22	JUL 06, 2000	LOWEST	24.49	OCT 05, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Wilcox aquifer of Eocene age (124WLCX).

WELL CHARACTERISTICS.--Depth 80 ft, screened 70-80. casing diameter 2 in.

DATUM.--Elevation of land surface datum is 265 ft above sea level. Measuring point: File marks on top of casing, 4.04 ft above land-surface datum.

PERIOD OF RECORD.--1978-87 and 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	
JAN 05	45.99	APR 04	45.39	JUL 06	45.98	
WATER YEAR 2000		HIGHEST	45.39	APR 04, 2000	LOWEST	45.99
JAN 05, 2000						

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.

OWNER.--Two-B Ranch.

AQUIFER.--Zone 3 Florida Parishes and Pointe Coupee Parish of Miocene age (12203FP).

WELL CHARACTERISTICS.--Depth 2,135 ft, screened 2,106-2,135, casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 165 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	86.91	JAN 31	87.30	APR 13	86.61	JUL 10	87.20
WATER YEAR 2000		HIGHEST	86.61	APR 13, 2000	LOWEST	87.30	JAN 31, 2000

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.

OWNER.--Richard J. Brazan

AQUIFER.--Gramercy aquifer of Pleistocene age (112GRMC).

WELL CHARACTERISTICS.--Depth 290 ft, screened 280-290, casing diameter 3 in.

DATUM.--Elevation of land surface datum is 18.30 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 02	16.84	FEB 17	16.81	MAY 03	12.75	JUL 12	12.79
WATER YEAR 2000		HIGHEST	12.75	MAY 03, 2000	LOWEST	16.84	NOV 02, 1999

ST. JAMES PARISH

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.

OWNER.--River Road Farm Supply Co.

AQUIFER.--Norco aquifer of Pleistocene age (112NORC).

WELL CHARACTERISTICS.--Depth 444 ft, screened 384-444, casing diameter 18 to 12 to 10 in.

DATUM.--Elevation of land surface datum is 19 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 04	17.09	JUL 12	12.57
WATER YEAR 2000		HIGHEST	12.57 JUL 12, 2000
		LOWEST	17.09 NOV 04, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Gramercy aquifer of Pleistocene age (112GRMC).

WELL CHARACTERISTICS.--Depth 315 ft, screened 305-315, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 17.71 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 03	18.62	FEB 17	18.16	MAY 03	13.98	JUL 12	14.13
WATER YEAR 2000		HIGHEST	13.98 MAY 03, 2000	LOWEST		18.62 NOV 03, 1999	

LOCAL NUMBER.--SJB-165, Site ID 301247090245901.

LOCATION.--Lat 30°12'47", long 90°24'59", Hydrologic Unit 08070204, Sec. 5, T.10S, R. 8E.

OWNER.--Consolidated Water Works District No. 1.

AQUIFER.--Covington aquifer of Pliocene age (120CVNG).

WELL CHARACTERISTICS.--Depth 3,000 ft, screened 2,900-3,000, casing diameter 12 to 8 in.

DATUM.--Elevation of land surface datum is 6 ft above sea level. Measuring point: Center line of sample faucet in horizontal 12-in. casing, 3.40 ft above land-surface datum.

PERIOD OF RECORD.--1974, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 94.8 ft above land-surface datum, Sep. 23, 1974; lowest recorded, 41.4 ft above land-surface datum, Nov. 30, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 30	+41.4	FEB 22	+44.3	APR 14	+45.9	JUL 13	+44.9
WATER YEAR 2000		HIGHEST	+45.9 APR 14, 2000	LOWEST		+41.4 NOV 30, 1999	

LOCAL NUMBER.--SJB-176, Site ID 301336090244101.

LOCATION.--Lat 30°13'10", long 90°24'51", Hydrologic Unit 08070204, Sec. 33, T. 9S, R. 8E.

OWNER.--St. John the Baptist Parish.

AQUIFER.--Covington aquifer of Pliocene age (120CVNG).

WELL CHARACTERISTICS.--Depth 2,950 ft, screened 2,822-2,950, casing diameter 16 to 10 in.

DATUM.--Elevation of land surface datum is 5.4 ft above sea level. Measuring point: Center line of sample faucet on horizontal 16-in. casing, 2.90 ft above land-surface datum.

PERIOD OF RECORD.--1985, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 72.19 ft above land-surface datum, Sep. 16, 1985; lowest recorded, 46.0 ft above land-surface datum, July 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 30	+48.4	FEB 22	+51.4	APR 14	+50.8	JUL 13	+46.0
WATER YEAR 2000		HIGHEST	+51.4 FEB 22, 2000	LOWEST		+46.0 JUL 13, 2000	

GROUND-WATER LEVELS

SJ. JOHN THE BAPTIST PARISH

LOCAL NUMBER.--SJB-180, Site ID 301143090260101.

LOCATION.--Lat 30°11'55", long 90°25'50", Hydrologic Unit 08070204, Sec. 7, T.10S, R. 8E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Covington aquifer of Pliocene age (120CVNG).

WELL CHARACTERISTICS.--Depth 3,091 ft, screened 3,070-3,091, casing diameter 8 5/8 to 4 1/2 in.

DATUM.--Elevation of land surface datum is 1 ft above sea level. Measuring point: Center line of 2-in. discharge pipe, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 67.40 ft above land-surface datum, Apr. 19, 1994; lowest recorded, 50.5 ft above land-surface datum, July 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 30	+51.6	FEB 22	+50.9	APR 14	+51.6	JUL 13	+50.5
WATER YEAR 2000		HIGHEST	+51.6	NOV 30, 1999	APR 14, 2000	LOWEST	+50.5 JUL 13, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer of Pleistocene age (112CHCT).

WELL CHARACTERISTICS.--Depth 94 ft, screened 91-94, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 55.23 ft above sea level. 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, 57.99 ft below land-surface datum, Oct. 17, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	54.72	JAN 13	56.28	MAR 17	56.57	JUN 05	56.85
WATER YEAR 2000		HIGHEST	54.72	OCT 27, 1999	LOWEST	56.85	JUN 05, 2000

ST. MARTIN PARISH

LOCAL NUMBER.--SMn-108, Site ID 301304091424001.

LOCATION.--Lat 30°13'04", long 91°42'40", Hydrologic Unit 08080102, Sec. 36, T. 9S, R. 7E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).

WELL CHARACTERISTICS.--Depth 505 ft, screened 500-505, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 11.34 ft above sea level. Measuring point: Top of 2-in. casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1965-73, 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.54 ft above land-surface datum, Apr. 13, 1973; lowest recorded, 10.02 ft below land-surface datum, Sep. 14, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 16	7.56	JUN 22	9.02	SEP 14	10.02
WATER YEAR 2000		HIGHEST	7.56	MAR 16, 2000	LOWEST 10.02 SEP 14, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 375 ft, Screened 370-375, Casing diameter 2 in.

DATUM.--Elevation of land surface datum is 11.34 ft above sea level. 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, 10.73 ft below land-surface datum, Sep. 14, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	9.60	JAN 14	9.93	MAR 16	8.28	JUN 22	9.74	SEP 14	10.73
WATER YEAR 2000		HIGHEST	8.28	MAR 16, 2000	LOWEST	10.73	SEP 14, 2000		

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.
 OWNER.--U.S. Geological Survey.
 AQUIFER.--Chicot aquifer, lower sand unit, of Pleistocene age (112CHCTL).
 WELL CHARACTERISTICS.--Depth 846 ft, screened 836-846, casing diameter 2 in.
 DATUM.--Elevation of land surface datum is 20 ft above sea level. 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, 21.36 ft below land-surface datum, June 22, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	19.75	JAN 14	20.13	MAR 16	20.62	JUN 22	21.36
WATER YEAR 2000		HIGHEST	19.75	OCT 28, 1999	LOWEST	21.36	JUN 22, 2000

ST. MARY PARISH

LOCAL NUMBER.--SM-57U, Site ID 294749091402301.
 LOCATION.--Lat 29°47'49", long 91°40'23", Hydrologic Unit 08080103, Sec. 27, T.14S, R. 8E.
 OWNER.--U.S. Geological Survey.
 AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).
 WELL CHARACTERISTICS.--Depth 638 ft, screened 628-638, casing diameter 4 in.
 DATUM.--Elevation of land surface datum is 8.72 ft above sea level. Measuring point: Top of 1 1/2 in. casing, 2.5 ft above land-surface datum.
 PERIOD OF RECORD.--1964-85, 1989 to current year.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.20 ft below land-surface datum, June 15, 1993; lowest recorded, 11.82 ft below land-surface datum, Oct. 29, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 28	11.02	SEP 15	11.20
WATER YEAR 2000		HIGHEST	11.02 JUN 28, 2000
		LOWEST	11.20 SEP 15, 2000

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.
 OWNER.--Louisiana Department of Institutions.
 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 sea level. Measuring point: Center line of faucet in 8-in. discharge line, 3.3 ft above land-surface datum.
 PERIOD OF RECORD.--1949, 1996 to current year.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.00 ft above land-surface datum, Oct. 19, 1949; lowest recorded, 17.40 ft above land-surface datum, Oct. 18, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	+21.5	JAN 27	+19.6	APR 12	+19.8	JUL 11	+19.1
WATER YEAR 2000		HIGHEST	+21.5	OCT 19, 1999	LOWEST	+19.1	JUL 11, 2000

LOCAL NUMBER.--ST-563, Site ID 301536089470501.
 LOCATION.--Lat 30°15'36", long 89°47'05", Hydrologic Unit 08090201, Sec. 15, T. 9S, R.14E.
 OWNER.--City of Slidell.
 AQUIFER.--Slidell aquifer of Pliocene age (120SLDL).
 WELL CHARACTERISTICS.--Depth 2,411 ft, screened 2,262-2,322 and 2,343-2,411, casing diameter 10 in.
 DATUM.--Elevation of land surface datum is 10.24 ft above sea level. 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, 44.9 ft above land-surface datum, July 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	+47.3	JAN 26	+49.9	APR 12	+48.4	JUL 10	+44.9
WATER YEAR 2000		HIGHEST	+49.9	JAN 26, 2000	LOWEST	+44.9	JUL 10, 2000

GROUND-WATER LEVELS

ST. TAMMANY PARISH--Continued

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.

OWNER.--Holy Redeemer College.

AQUIFER.--Slidell aquifer of Pliocene age (120SLDL).

WELL CHARACTERISTICS.--Depth 2,334 ft, screened 2,238-2,334, casing diameter 7 in.

DATUM.--Elevation of land surface datum is 17 ft above sea level. Measuring point: Center line of sample faucet on 7-in. discharge line, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1961, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 108.00 ft above land-surface datum, Feb. 23, 1961; lowest recorded, 43.1 ft above land-surface datum, July 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	+45.1	JAN 26	+45.6	APR 12	+46.1	JUL 11	+43.1
WATER YEAR 2000		HIGHEST	+46.1	APR 12, 2000		LOWEST	+43.1 JUL 11, 2000

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.

OWNER.--Louisiana National Guard.

AQUIFER.--Lower Ponchatoula aquifer of Pliocene age (121PNCLL).

WELL CHARACTERISTICS.--Depth 887 ft, Screened 862-887, Casing diameter 8 to 4 in.

DATUM.--Elevation of land surface datum is 16 ft above sea level. Measuring point: Center line of 1-in. faucet, 3.10 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, 3.5 ft above land-surface datum, Jan. 26, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	+3.7	JAN 26	+3.5	APR 12	+3.8	JUL 11	+4.0
WATER YEAR 2000		HIGHEST	+4.0	JUL 11, 2000		LOWEST	+3.5 JAN 26, 2000

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.

OWNER.--Town of Roseland.

AQUIFER.--Amite aquifer of Miocene age (122AMIT).

WELL CHARACTERISTICS.--Depth 2,013 ft, screened 1,951-2,013, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 130.86 ft above sea level. Measuring point: Top of 3/4-in. valve, 3.65 ft above land-surface datum.

PERIOD OF RECORD.--1953 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 34.65 ft above land-surface datum, May 5, 1953; lowest recorded, 39.58 ft below land-surface datum, July 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	38.83	JAN 28	38.43	APR 13	38.29	JUL 10	39.58
WATER YEAR 2000		HIGHEST	38.29	APR 13, 2000		LOWEST	39.58 JUL 10, 2000

LOCAL NUMBER.--Ta-268, Site ID 302957090274001.

LOCATION.--Lat 30°29'57", long 90°27'40", Hydrologic Unit 08070203, Sec. 25, T. 6S, R. 7E.

OWNER.--City of Hammond.

AQUIFER.--Hammond aquifer of Miocene age (122HMND).

WELL CHARACTERISTICS.--Depth 2,449 ft, screened 2,365-2,449, casing diameter 12 to 8 in.

DATUM.--Elevation of land surface datum is 35 ft above sea level. 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, Oct. 21, 1956; lowest recorded, 5.6 ft above land-surface datum, July 7, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	+7.8	JAN 28	+6.2	APR 12	+12.0	JUL 07	+5.6
WATER YEAR 2000		HIGHEST	+12.0	APR 12, 2000		LOWEST	+5.6 JUL 07, 2000

TANGIPAHOA PARISH

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.

OWNER.--Dominican Sisters Convent.

AQUIFER.--Tchefuncte aquifer of Miocene age (122TCFC).

WELL CHARACTERISTICS.--Depth 2,329 ft, Screened 2,289-2,329, Casing diameter 3 in.

DATUM.--Elevation of land surface datum is 11 ft above sea level. 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; lowest recorded, 70.6 ft below land-surface datum, July 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 03	+72.4	FEB 16	+75.0	APR 14	+72.5	JUL 13	+70.6
WATER YEAR 2000		HIGHEST	+75.0	FEB 16, 2000		LOWEST	+70.6 JUL 13, 2000

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.

OWNER.--Ray Dunnington.

AQUIFER.--Covington aquifer of Pliocene age (120CVGN).

WELL CHARACTERISTICS.--Depth 1,430 ft, screened 1,410-1,430, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 52 ft above sea level. Measuring point: Center line of sample faucet, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1961, 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 87.8 ft above land-surface datum, Jan. 14, 1961; lowest recorded, 48.3 ft above land-surface datum, Apr. 13, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	+48.5	JAN 28	+49.5	APR 13	+48.3	JUL 07	+48.6
WATER YEAR 2000		HIGHEST	+49.5	JAN 28, 2000		LOWEST	+48.3 APR 13, 2000

LOCAL NUMBER.--Ta-343, Site ID 303104090335901.

LOCATION.--Lat 30°31'04", long 90°33'59", Hydrologic Unit 08070203, Sec. 24, T. 6S, R. 6E.

OWNER.--La. State School, Hammond.

AQUIFER.--Hammond aquifer of Miocene age (122HMND).

WELL CHARACTERISTICS.--Depth 2,442 ft, screened 2,402-2,442, casing diameter 8 to 6 in.

DATUM.--Elevation of land surface datum is 42 ft above sea level. 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, 1965; lowest recorded, 26.7 ft below land-surface datum, Oct. 15, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	+26.7	JAN 25	+28.8	APR 12	+29.0	JUL 10	+26.8
WATER YEAR 2000		HIGHEST	+29.0	APR 12, 2000		LOWEST	+26.7 OCT 15, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 43 ft, screened 40-43, casing diameter 1 1/4 in.

DATUM.--Elevation of land surface datum is 265 ft above sea level. 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, 1965; lowest recorded, 26.59 ft below land-surface datum, June 2, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	23.69	JAN 28	24.72	APR 13	25.49	JUN 02	26.59				
DEC 06	24.38	MAR 15	26.18	24	25.62	JUL 10	26.43				
WATER YEAR 2000		HIGHEST	23.69	OCT 15, 1999		LOWEST	26.59	JUN 02, 2000			

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Kentwood aquifer of Pliocene age (120KNTD).

WELL CHARACTERISTICS.--Depth 603 ft, screened 593-603, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 220 ft above sea level. 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, 11.60 ft below land-surface datum, July 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	9.45	JAN 28	9.92	APR 13	10.63	JUL 10	11.60
WATER YEAR 2000		HIGHEST	9.45	OCT 15, 1999	LOWEST	11.60	JUL 10, 2000

LOCAL NUMBER.--Ta-454, Site ID 305604090312101.

LOCATION.--Lat 30°56'04", long 90°31'21", Hydrologic Unit 08070205, Sec. 29, T. 1S, R. 7E.

OWNER.--Town of Kentwood.

AQUIFER.--Kentwood aquifer of Pliocene age (120KNTD).

WELL CHARACTERISTICS.--Depth 720 ft, screened 640-720, casing diameter 12 to 8 in.

DATUM.--Elevation of land surface datum is 260 ft above sea level. Measuring point: Top of 3/8-in. hole in breather pipe, north side of well, 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	77.92	JAN 28	78.03	APR 13	77.88	JUL 10	79.93
WATER YEAR 2000		HIGHEST	77.88	APR 13, 2000	LOWEST	79.93	JUL 10, 2000

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.

OWNER.--E. R. McDonald.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 110 ft, screened 80-110, casing diameter 12 in.

DATUM.--Elevation of land surface datum is 79.60 ft above sea level. 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. 30, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	15.37	JAN 04	15.78	APR 05	16.11	SEP 13	18.01
WATER YEAR 2000		HIGHEST	15.37	OCT 05, 1999	LOWEST	18.01	SEP 13, 2000

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.

OWNER.--Riverwood International.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 745 ft, screened 670-745, casing diameter 8 to 6 in.

DATUM.--Elevation of land surface datum is 133.92 ft above sea level. Measuring point: 3/4-in. hole in top of well cover, 1.90 ft above land-surface datum.

PERIOD OF RECORD.--1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 141.11 ft below land-surface datum, July 26, 1959; lowest recorded, 195.03 ft below land-surface datum, Jan 5, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	194.65	JAN 05	195.03	APR 06	194.62	JUL 10	194.64
WATER YEAR 2000		HIGHEST	194.62	APR 06, 2000	LOWEST	195.03	JAN 05, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 696 ft, screened 686-696, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 210 ft above sea level. 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, 259.89 ft below land-surface datum, July 10, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	258.46	JAN 05	258.83	APR 03	257.92	JUN 06	258.46	JUL 10	259.89
WATER YEAR 2000		HIGHEST	257.92	APR 03, 2000		LOWEST	259.89	JUL 10, 2000	

VERMILION PARISH

LOCAL NUMBER.--Ve-637L, Site ID 295345092100703.

LOCATION.--Lat 29°53'45", long 92°10'07", Hydrologic Unit 08080103, Sec. 15, T.13S, R. 3E.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 243 ft, screened 233-243, casing diameter 4 to 1 1/2 in.

DATUM.--Elevation of land surface datum is 4.06 ft above sea level. Measuring point: Top of 1 1/2-in. pipe, 2.66 ft above land-surface datum.

PERIOD OF RECORD.--1985, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.10 ft below land-surface datum, Feb. 24, 1966; lowest recorded, 15.11 ft below land-surface datum, Jan. 25, 1970 and Sep. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 25	14.15	JUN 07	14.69	SEP 11	15.11
WATER YEAR 2000		HIGHEST	14.15	APR 25, 2000	
				LOWEST	15.11
				SEP 11, 2000	

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 198 ft, screened 188-198, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 4.06 ft above sea level. 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, 14.05 ft below land-surface datum, Apr. 25, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 04	9.89	JAN 13	13.37	MAR 16	13.62	APR 25	14.05	JUN 07	13.56
WATER YEAR 2000		HIGHEST	9.89	NOV 04, 1999		LOWEST	14.05	APR 25, 2000	

LOCAL NUMBER.--Ve-639, Site ID 293845092264901.

LOCATION.--Lat 29°38'45", long 92°26'49", Hydrologic Unit 08080202, Sec. 2, T.16S, R. 1W.

OWNER.--U.S. Geological Survey.

AQUIFER.--Chicot aquifer, upper sand unit, of Pleistocene age (112CHCTU).

WELL CHARACTERISTICS.--Depth 608 ft, screened 603-608, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 5.84 ft above sea level. Measuring point: Top of 2-in. casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--1965-79, 1981, 1983-85, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.22 ft below land-surface datum, Oct. 20, 1965; lowest recorded, 11.54 ft below land-surface datum, Sep. 11, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 13	10.78	JUN 06	11.30	SEP 11	11.54
WATER YEAR 2000		HIGHEST	10.78	JAN 13, 2000	
				LOWEST	11.54
				SEP 11, 2000	

GROUND-WATER LEVELS

VERNON PARISH

LOCAL NUMBER.--V-196, Site ID 305850093260801.

LOCATION.--Lat 30°58'50", long 93°26'08", Hydrologic Unit 12010005, Sec. 18, T. 1S, R.10W.

OWNER.--Lutcher Moore Lumber Co.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 503 ft, screened 451-503, casing diameter 10 to 6 in.

DATUM.--Elevation of land surface datum is 243 ft above sea level. Measuring point: 3/4-in. hole in sanitary seal on top of 10-in. casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1955, 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 99.00 ft below land-surface datum, Apr. 7, 1955; lowest recorded, 144.98 ft below land-surface datum, June 19, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	133.31	JAN 18	136.80	MAR 31	137.82	JUN 27	137.55
WATER YEAR 2000		HIGHEST	133.31	OCT 04, 1999	LOWEST	137.82	MAR 31, 2000

LOCAL NUMBER.--V-492, Site ID 310138093104501.

LOCATION.--Lat 31°01'38", long 93°10'46", Hydrologic Unit 08080203, Sec. 34, T. 1N, R. 8W.

OWNER.--U.S. Army, Fort Polk.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 610 ft, screened 568-608, casing diameter 10 to 6 in.

DATUM.--Elevation of land surface datum is 286.50 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL		
JAN 20	185.23	APR 05	192.88	JUN 28	185.07		
WATER YEAR 2000		HIGHEST	185.07	JUN 28, 2000	LOWEST	192.88	APR 05, 2000

LOCAL NUMBER.--V-494, Site ID 310644093090401.

LOCATION.--Lat 31°06'41", long 93°09'01", Hydrologic Unit 12010005, Sec. 36, T. 2N, R. 8W.

OWNER.--U.S. Army, Fort Polk.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 675 ft, Screened 591-641 and 657-675, Casing diameter 10 to 6 in.

DATUM.--Elevation of land surface datum is 340 ft above sea level. Measuring point: Notch filed in lower wall of access pipe, 0.9 ft above land-surface datum.

PERIOD OF RECORD.--1981, 1985-86, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 224.73 ft below land-surface datum, Nov. 6, 1985; lowest recorded, 246.56 ft below land-surface datum, June 13, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	240.41	JAN 19	237.87	MAR 31	236.69	JUN 28	234.19
WATER YEAR 2000		HIGHEST	234.19	JUN 28, 2000	LOWEST	240.41	OCT 04, 1999

LOCAL NUMBER.--V-496, Site ID 310412093134001.

LOCATION.--Lat 31°03'54", long 93°13'41", Hydrologic Unit 12010005, Sec. 18, T. 1N, R. 8W.

OWNER.--U.S. Army, Fort Polk.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,415 ft, screened 1,345-1,415, casing diameter 16 to 10 in.

DATUM.--Elevation of land surface datum is 284.20 ft above sea level. Measuring point: Notch on east side of 1-in. pipe extending from casing cover, 2.0 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	139.93	JAN 28	141.10	MAR 31	140.79	JUN 28	138.24
WATER YEAR 2000		HIGHEST	138.24	JUN 28, 2000	LOWEST	141.10	JAN 28, 2000

VERNON PARISH--Continued

LOCAL NUMBER.--V-513, Site ID 310708093100904.

LOCATION.--Lat 31°07'06", long 93°10'08", Hydrologic Unit 12010005, Sec. 27, T. 2N, R. 8W.

OWNER.--U.S. Army, Fort Polk.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,275 ft, screened 1,167-1,217 and 1,245-1,275, casing diameter 16 to 10 in.

DATUM.--Elevation of land surface datum is 335 ft above sea level. Measuring point: Top of pvc pipe, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 177.45 ft below land-surface datum, Jan. 3, 1992; lowest recorded, 198.83 ft below land-surface datum, Sep. 30, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	189.69	MAR 31	190.49	JUN 28	188.69
WATER YEAR 2000		HIGHEST	188.69	JUN 28, 2000	LOWEST 190.49 MAR 31, 2000

LOCAL NUMBER.--V-515, Site ID 310550093115801.

LOCATION.--Lat 31°05'51", long 93°12'02", Hydrologic Unit 12010005, Sec. 4, T. 1N, R. 8W.

OWNER.--U.S. Army, Fort Polk.

AQUIFER.--Carnahan Bayou aquifer of Miocene age (122CRNB).

WELL CHARACTERISTICS.--Depth 1,233 ft, screened 1,160-1,230, casing diameter 24 to 16 to 10 3/4-in.

DATUM.--Elevation of land surface datum is 320 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	177.79	JAN 25	176.24	MAR 31	193.01	JUN 28	197.45
WATER YEAR 2000		HIGHEST	176.24	JAN 25, 2000	LOWEST	197.45	JUN 28, 2000

LOCAL NUMBER.--V-651, Site ID 310452093065501.

LOCATION.--Lat 31°04'50", long 93°06'52", Hydrologic Unit 08080204, Sec. 8, T. 1N, R. 7W.

OWNER.--U.S. Army, Fort Polk.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 938 ft, screened 908-938, casing diameter 6 to 3 in.

DATUM.--Elevation of land surface datum is 350 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	249.22	JAN 19	246.24	MAR 31	254.26	JUN 28	249.47
WATER YEAR 2000		HIGHEST	246.24	JAN 19, 2000	LOWEST	254.26	MAR 31, 2000

LOCAL NUMBER.--V-659, Site ID 310248093125501.

LOCATION.--Lat 31°02'49", long 93°12'56", Hydrologic Unit 08080204, Sec. 20, T. 1N, R. 8W.

OWNER.--U.S. Army, Fort Polk.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 912 ft, screened 859-912, casing diameter 24 to 16 in.

DATUM.--Elevation of land surface datum is 310 ft above sea level. Measuring point: Top of metal plate on cement foundation, 1.6 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, 243.77 ft below land-surface datum, Mar. 31, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	231.76	JAN 19	226.66	MAR 31	243.77	JUN 29	243.28
WATER YEAR 2000		HIGHEST	226.66	JAN 19, 2000	LOWEST	243.77	MAR 31, 2000

GROUND-WATER LEVELS

VERNON PARISH--Continued

LOCAL NUMBER.--V-670, Site ID 310310093120601.

LOCATION.--Lat 31°03'08", long 93°12'06", Hydrologic Unit 08080203, Sec. 20, T. 1N, R. 8W.

OWNER.--U.S. Army, Fort Polk.

AQUIFER.--Williamson Creek aquifer of Miocene age (122WMCK).

WELL CHARACTERISTICS.--Depth 900 ft, screened 859-900, casing diameter 24 in.

DATUM.--Elevation of land surface datum is 340 ft above sea level. Measuring point: Red notch in lower wall of access pipe, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--1992, 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 231.98 ft below land-surface datum, July 8, 1996; lowest recorded, 268.44 ft below land-surface datum, Mar. 1, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	261.65	JAN 19	248.54
WATER YEAR 2000	HIGHEST	248.54	JAN 19, 2000
	LOWEST	261.65	OCT 04, 1999

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.

OWNER.--Gaylord Container Corp..

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 156 ft, screened 90-156, casing diameter 20 in.

DATUM.--Elevation of land surface datum is 95 ft above sea level. Measuring point: Top of 12-in. casing (marked yellow), at 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	9.22	JAN 27	8.68	APR 13	8.01	JUL 10	9.48
WATER YEAR 2000	HIGHEST	8.01	APR 13, 2000	LOWEST	9.48	JUL 10, 2000	

LOCAL NUMBER.--Wa-158, Site ID 304612089512401.

LOCATION.--Lat 30°46'12", long 89°51'24", Hydrologic Unit 031800004, Sec. 38, T. 3S, R.13E.

OWNER.--Bogalusa, La.

AQUIFER.--Amite aquifer of Miocene age (122AMIT).

WELL CHARACTERISTICS.--Depth 1,414 ft, screened 1,337-1,414, casing diameter 12 3/4 to 8 5/8 in.

DATUM.--Elevation of land surface datum is 97 ft above sea level. Measuring point: 3/4-in. bolt in sanitary seal, 1.63 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 53.00 ft below land-surface datum, May 18, 1987; lowest recorded, 101.35 ft below land-surface datum, July 2, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	91.52	JAN 27	88.59	APR 13	93.01	JUL 10	66.55
WATER YEAR 2000	HIGHEST	66.55	JUL 10, 2000	LOWEST	93.01	APR 13, 2000	

WEBSTER PARISH

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 298 ft, screened 288-298, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 205 ft above sea level. 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, 46.72 ft below land-surface datum, Oct. 4, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	46.72	JAN 03	46.30	APR 21	44.89	JUL 05	44.46
WATER YEAR 2000	HIGHEST	44.46	JUL 05, 2000	LOWEST	46.72	OCT 04, 1999	

GROUND-WATER LEVELS

545

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.

OWNER.--Port Allen, La.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,335 ft, screened 1,230-1,335, casing diameter 8 in.

DATUM.--Elevation of land surface datum is 27 ft above sea level. Measuring point: Top edge of 3/8-in. hole in 8-in. collar, 4.90 ft above land-surface datum.

PERIOD OF RECORD.--1943-46, 1949-50, 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.10 ft above land-surface datum, June 21, 1943; lowest recorded, 112.62 ft below land-surface datum, Aug. 5, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	87.34	FEB 03	87.24	MAY 04	89.02	JUL 25	97.30
WATER YEAR 2000		HIGHEST	87.24	FEB 03, 2000	LOWEST	97.30	JUL 25, 2000

LOCAL NUMBER.--WBR-40, Site ID 302431091130301.

LOCATION.--Lat 30°24'31", long 91°13'03", Hydrologic Unit 08070300, Sec. 3, T. 8S, R.12E.

OWNER.--G & C Dameron.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 2,191 ft, screened 2,151-2,191, casing diameter 3 to 2 in.

DATUM.--Elevation of land surface datum is 28 ft above sea level. Measuring point: Top of 2-in. casing extension, 0.7 ft below land-surface datum.

PERIOD OF RECORD.--1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 62.09 ft below land-surface datum, Nov. 4, 1994; lowest recorded, 78.23 ft below land-surface datum, July 26, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 02	67.84	MAR 28	67.93	MAY 04	73.85	JUL 26	78.23
WATER YEAR 2000		HIGHEST	67.84	MAR 02, 2000	LOWEST	78.23	JUL 26, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,700-foot" sand of Baton Rouge area of Pliocene age (12117BR).

WELL CHARACTERISTICS.--Depth 1,888 ft, screened 1,884-1,888, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 29 ft above sea level. Measuring point: Top of 4-in. casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 58.30 ft below land-surface datum, May 6, 1966; lowest recorded, 129.75 ft below land-surface datum, Apr. 26, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	121.76	FEB 03	119.29	MAY 04	120.54	JUL 25	128.81
WATER YEAR 2000		HIGHEST	119.29	FEB 03, 2000	LOWEST	128.81	JUL 25, 2000

LOCAL NUMBER.--WBR-100B, Site ID 302652091121402.

LOCATION.--Lat 30°26'52", long 91°12'14", Hydrologic Unit 08070300, Sec. 68, T. 7S, R.12E.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 2,448 ft, screened 2,444-2,448, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 29 ft above sea level. Measuring point: Top of 4 to 2 1/2-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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	178.68	JAN 03	167.43	FEB 03	166.39	MAY 04	174.57	JUL 25	190.06
WATER YEAR 2000		HIGHEST	166.39	FEB 03, 2000	LOWEST	190.06	JUL 25, 2000		

GROUND-WATER LEVELS

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,288 ft, screened 1,284-1,288, casing diameter 4 in.

DATUM.--Elevation of land surface datum is 18 ft above sea level. Measuring point: Top of 4-in. casing, 1.71 ft above land-surface datum.

PERIOD OF RECORD.--1966-88, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.13 ft below land-surface datum, Apr. 24, 1997; lowest recorded, 62.37 ft below land-surface datum, Oct. 26, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	53.11	FEB 03	52.26	MAY 16	53.05	JUL 25	57.82
WATER YEAR 2000		HIGHEST	52.26	FEB 03, 2000		LOWEST	57.82 JUL 25, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,100 ft, screened 2,096-2,100, casing diameter 4 to 2 1/2 in.

DATUM.--Elevation of land surface datum is 18 ft above sea level. Measuring point: Top of 2 1/2-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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	179.84	FEB 03	174.74	MAY 16	170.49	JUL 25	181.53
WATER YEAR 2000		HIGHEST	170.49	MAY 16, 2000		LOWEST	181.53 JUL 25, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,017 ft, screened 2,012-2,017, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 22 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	244.21	FEB 03	232.40	MAY 04	236.31	JUL 25	261.83
WATER YEAR 2000		HIGHEST	232.40	FEB 03, 2000		LOWEST	261.83 JUL 25, 2000

LOCAL NUMBER.--WBR-111, Site ID 302550091124101.

LOCATION.--Lat 30°25'50", long 91°12'41", Hydrologic Unit 08070300, Sec. 70, T. 7S, R.12E.

OWNER.--City of Plaquemine.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 2,650 ft, screened 2,610-2,650, casing diameter 16 to 10 to 8 in.

DATUM.--Elevation of land surface datum is 25 ft above sea level. Measuring point: Center line of 8-in. casing, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--1970-71, 1974, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 43.5 ft above land-surface datum, Jan. 15, 1970; lowest recorded, 7.8 ft below land-surface datum, July 26, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
(READINGS ABOVE LAND SURFACE INDICATED BY "+")

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	+8.7	FEB 23	+8.7	MAY 17	+8.4	JUL 26	+7.8
WATER YEAR 2000		HIGHEST	+8.7	OCT 28, 1999 FEB 23, 2000		LOWEST	+7.8 JUL 26, 2000

WEST BATON ROUGE PARISH--Continued

LOCAL NUMBER.--WBR-132, Site ID 302505091132001.

LOCATION.--Lat 30°25'05", long 91°13'20", Hydrologic Unit 08070300, Sec. 74, T. 7S, R.12E.

OWNER.--West Baton Rouge Water District 2.

AQUIFER.--"1,500-ft" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 2,082 ft, Screened 2,012-2,082, Casing diameter 12 3/4 to 8 5/8 to 6 5/8-in.

DATUM.--Elevation of land surface datum is 20 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	63.39	FEB 03	61.95	MAY 04	65.05	JUL 26	71.65
WATER YEAR 2000		HIGHEST	61.95	FEB 03, 2000	LOWEST	71.65	JUL 26, 2000

LOCAL NUMBER.--WBR-146, Site ID 302853091150201.

LOCATION.--Lat 30°28'53", long 91°15'02", Hydrologic Unit 08070300, Sec.119, T. 7S, R.12E.

OWNER.--U.S. Geological Survey.

AQUIFER.--"400-foot" sand of Baton Rouge area of Pleistocene age (11204BR).

WELL CHARACTERISTICS.--Depth 472 ft, screened 462-472, casing diameter 2 1/2 in.

DATUM.--Elevation of land surface datum is 25 ft above sea level. Measuring point: Lip of 3/4-in. nipple, 3.0 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, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	19.90	FEB 03	18.08	MAY 04	9.50	JUL 25	10.17
WATER YEAR 2000		HIGHEST	9.50	MAY 04, 2000	LOWEST	19.90	OCT 22, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"1,200-foot" sand of Baton Rouge area of Pliocene age (12112BR).

WELL CHARACTERISTICS.--Depth 1,304 ft, screened 1,294-1,304, casing diameter 2 1/2 in.

DATUM.--Elevation of land surface datum is 14 ft above sea level. 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, 53.42 ft below land-surface datum, Jan. 18, 1979.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	47.25	DEC 27	46.06	FEB 03	48.57	MAY 04	46.89	JUL 25	51.05
WATER YEAR 2000		HIGHEST	46.06	DEC 27, 1999	LOWEST	51.05	JUL 25, 2000		

LOCAL NUMBER.--WBR-160, Site ID 302958091124801.

LOCATION.--Lat 30°29'58", long 91°12'48", Hydrologic Unit 08070300, Sec. 50, T. 6S, R.12E.

OWNER.--West Baton Rouge Gas and Water System.

AQUIFER.--"800-foot" sand of Baton Rouge area of Pliocene age (12108BR).

WELL CHARACTERISTICS.--Depth 840 ft, screened 830-840, casing diameter 4 to 2 in.

DATUM.--Elevation of land surface datum is 26 ft above sea level. 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, 122.81 ft below land-surface datum, July 31, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	122.01	FEB 03	111.14	MAY 04	109.83	JUL 25	120.24
WATER YEAR 2000		HIGHEST	109.83	MAY 04, 2000	LOWEST	120.24	JUL 25, 2000

GROUND-WATER LEVELS

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--"600-foot" sand of Baton Rouge area of Pleistocene age (11206BR).

WELL CHARACTERISTICS.--Depth 650 ft, screened 640-650, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 26 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	44.38	FEB 03	44.65	MAY 04	41.83	JUL 25	43.14
WATER YEAR 2000		HIGHEST	41.83	MAY 04, 2000	LOWEST	44.65	FEB 03, 2000

LOCAL NUMBER.--WBR-173, Site ID 302456091130202.

LOCATION.--Lat 30°24'56", long 91°13'02", Hydrologic Unit 08070300, Sec. 74, T. 8S, R.12E.

OWNER.--West Baton Rouge Water District 2.

AQUIFER.--"1,500-foot" sand of Baton Rouge area of Pliocene age (12115BR).

WELL CHARACTERISTICS.--Depth 2,194 ft, screened 2,124-2,194, casing diameter 18 to 12 to 8 in.

DATUM.--Elevation of land surface datum is 25 ft above sea level. Measuring point: Lower lip of access pipe on east side, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--1994, 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.72 ft below land-surface datum, May 10, 1994; lowest recorded, 77.39 ft below land-surface datum, July 26, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	69.24	FEB 03	68.30	MAY 04	69.80	JUL 26	77.39
WATER YEAR 2000		HIGHEST	68.30	FEB 03, 2000	LOWEST	77.39	JUL 26, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Cockfield aquifer of Eocene age (124CCKF).

WELL CHARACTERISTICS.--Depth 383 ft, screened 377-383, casing diameter 4 to 2 in.

DATUM.--Elevation of land surface datum is 106.35 ft above sea level. 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, 32.70 ft below land-surface datum, Oct. 7, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	32.70	JAN 04	32.23	APR 04	32.03	JUL 07	32.60
WATER YEAR 2000		HIGHEST	32.03	APR 04, 2000	LOWEST	32.70	OCT 07, 1999

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Mississippi River alluvial aquifer of Pleistocene age (112MRVA).

WELL CHARACTERISTICS.--Depth 87 ft, screened 84-87, casing diameter 2 to 1 1/4 in.

DATUM.--Elevation of land surface datum is 120 ft above sea level. 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, 32.34 ft below land-surface datum, July 7, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	32.22	JAN 04	32.11	APR 04	32.18	JUL 07	32.34
WATER YEAR 2000		HIGHEST	32.11	JAN 04, 2000	LOWEST	32.34	JUL 07, 2000

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.

OWNER.--Louisiana State Penitentiary.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 907 ft, screened 847-907, casing diameter 12 in.

DATUM.--Elevation of land surface datum is 60 ft above sea level. 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, 15.71 ft below land-surface datum, July 24, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	14.83	FEB 02	15.29	JUN 26	15.68	JUL 24	15.71
WATER YEAR 2000		HIGHEST	14.83	NOV 15, 1999	LOWEST	15.71	JUL 24, 2000

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.

OWNER.--Louisiana State Penitentiary.

AQUIFER.--"2,000-foot" sand of Baton Rouge area of Miocene age (12220BR).

WELL CHARACTERISTICS.--Depth 632 ft, screened 549-632, casing diameter 12 to 9 5/8 in.

DATUM.--Elevation of land surface datum is 50 ft above sea level. 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 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	14.18	FEB 02	14.25	JUN 26	13.38	JUL 24	14.14
WATER YEAR 2000		HIGHEST	13.38	JUN 26, 2000	LOWEST	14.25	FEB 02, 2000

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.

OWNER.--G. A. Daniel.

AQUIFER.--Upland terrace aquifer of Pleistocene age (112UPTC).

WELL CHARACTERISTICS.--Depth 156 ft, screened 146-156, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 198 ft above sea level. Measuring point: Top of 2-in. casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--1958, 1976-78, 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 80.00 ft below land-surface datum, Dec. 1, 1958; lowest recorded, 102.23 ft below land-surface datum, Aug. 5, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	96.53	FEB 01	96.92	JUN 27	97.57	JUL 24	97.68
WATER YEAR 2000		HIGHEST	96.53	NOV 05, 1999	LOWEST	97.68	JUL 24, 2000

LOCAL NUMBER.--WF-222, Site ID 304704091223801.

LOCATION.--Lat 30°47'00", long 91°22'38", Hydrologic Unit 08070201, Sec. 68, T. 3S, R. 3W.

OWNER.--Town of St. Francisville.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Eocene age (12224BR).

WELL CHARACTERISTICS.--Depth 1,526 ft, Screened 1,446-1,526, Casing diameter 12 to 8 in.

DATUM.--Elevation of land surface datum is 140 ft above sea level. Measuring point: Plug in flange before discharge pipe, 1.23 ft above land-surface datum.

PERIOD OF RECORD.--1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 59.64 below land-surface datum, Apr. 16, 1962; lowest recorded, 138.53 ft below land-surface datum, Apr. 16, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	125.74	FEB 01	124.59	JUN 27	127.54	JUL 24	127.51
WATER YEAR 2000		HIGHEST	124.59	FEB 01, 2000	LOWEST	127.54	JUN 27, 2000

GROUND-WATER LEVELS

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.

OWNER.--West Feliciana Parish School Board.

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 sea level. 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, 108.61 ft below land-surface datum, July 24, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	107.93	FEB 01	108.21	JUN 27	108.56	JUL 24	108.61
WATER YEAR 2000		HIGHEST	107.93	NOV 15, 1999	LOWEST	108.61	JUL 24, 2000

LOCAL NUMBER.--WF-274, Site ID 304958091191801.

LOCATION.--Lat 30°49'58", long 91°19'18", Hydrologic Unit 08070201, Sec. 44, T. 2S, R. 2W.

OWNER.--West Feliciana Water Works District 13.

AQUIFER.--"2,800-foot" sand of Baton Rouge area of Miocene age (12228BR).

WELL CHARACTERISTICS.--Depth 1,630 ft, screened 1,590-1,630, casing diameter 10 to 6 in.

DATUM.--Elevation of land surface datum is 220 ft above sea level. 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, 215.01 ft below land-surface datum, Feb. 19, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	213.88	FEB 02	213.17	JUN 27	214.11	JUL 24	215.00
WATER YEAR 2000		HIGHEST	213.17	FEB 02, 2000	LOWEST	215.00	JUL 24, 2000

LOCAL NUMBER.--WF-286, Site ID 305547091202301.

LOCATION.--Lat 30°55'47", long 91°20'23", Hydrologic Unit 08070201, Sec. 83, T. 1S, R. 2W.

OWNER.--West Feliciana Water Works District 13.

AQUIFER.--"2,400-foot" sand of Baton Rouge area of Miocene age (12224BR).

WELL CHARACTERISTICS.--Depth 982 ft, Screened 912-930 and 940-982, Casing diameter 10 3/4 to 8 5/8-in.

DATUM.--Elevation of land surface datum is 290 ft above sea level. Measuring point: Edge of breather pipe on west side, 1.9 ft above land-surface datum.

PERIOD OF RECORD.--1987, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 234.00 below land-surface datum, Sep. 26, 1987; lowest recorded, 255.24 ft below land-surface datum, July 24, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05	249.71	FEB 01	248.31	JUN 26	254.43	JUL 24	255.24
WATER YEAR 2000		HIGHEST	248.31	FEB 01, 2000	LOWEST	255.24	JUL 24, 2000

WINN PARISH

LOCAL NUMBER.--W-28, Site ID 315527092370801.

LOCATION.--Lat 31°55'27", long 92°37'08", Hydrologic Unit 08040303, Sec. 19, T.11N, R. 2W.

OWNER.--City of Winnfield.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 480 ft, screened 360-480, casing diameter 14 to 10 in.

DATUM.--Elevation of land surface datum is 105 ft above sea level. Measuring point: Top of 1-in. coupling, 1.1 ft above land-surface datum.

PERIOD OF RECORD.--1963, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.10 ft below land-surface datum, Apr. 6, 1992; lowest recorded, 74.26 ft below land-surface datum, July 7, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	67.95	JAN 04	64.75	APR 05	59.98	JUL 03	63.18
WATER YEAR 2000		HIGHEST	59.98	APR 05, 2000	LOWEST	67.95	OCT 05, 1999

WINN PARISH--Continued

LOCAL NUMBER.--W-144B, Site ID 315450092310102.

LOCATION.--Lat 31°54'50", long 92°31'01", Hydrologic Unit 08040303, Sec. 19, T.11N, R. 1W.

OWNER.--Louisiana Office of Public Works.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 550 ft, screened 540-550, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 140 ft above sea level. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--1971-87, 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.50 ft below land-surface datum, Mar. 5, 1986; lowest recorded, 58.33 ft below land-surface datum, Nov. 5, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 20	51.41	SEP 06	52.64
WATER YEAR 2000		HIGHEST	51.41 MAR 20, 2000
		LOWEST	52.64 SEP 06, 2000

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.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Pleistocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 655 ft, screened 645-655, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 140 ft above sea level. 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, 97.16 ft below land-surface datum, July 3, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 12	96.32	JAN 03	96.43	APR 05	96.37	JUN 20	96.82	JUL 03	97.16
WATER YEAR 2000		HIGHEST	96.32 OCT 12, 1999	LOWEST		97.16 JUL 03, 2000			

LOCAL NUMBER.--W-179, Site ID 315948092300301.

LOCATION.--Lat 31°59'48", long 92°30'03", Hydrologic Unit 08040302, Sec. 29, T.12N, R. 1W.

OWNER.--U.S. Geological Survey.

AQUIFER.--Sparta aquifer of Eocene age (124SPRT).

WELL CHARACTERISTICS.--Depth 585 ft, screened 575-585, casing diameter 2 in.

DATUM.--Elevation of land surface datum is 195 ft above sea level. Measuring point: Top of bushing, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--1979-87, 1989, 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 101.79 ft below land-surface datum, May 12, 1989; lowest recorded, 124.62 ft below land-surface datum, Sep. 9, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 20	119.14	SEP 05	120.23
WATER YEAR 2000		HIGHEST	119.14 MAR 20, 2000
		LOWEST	120.23 SEP 05, 2000

QUALITY OF GROUND WATER

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS IN LOUISIANA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

LOCAL IDENT- I- FIER	STATION	NUMBER	GEO- LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
ACADIA PARISH								
AC- 451	300740092265001	112CHCTU	293.00	03-15-00	--	793	41.0	
		112CHCTU	293.00	09-13-00	--	803	41.0	
ASCENSION PARISH								
AN- 547	301557090541001	112GZNO	535.00	04-07-00	--	274	5.7	
		112GZNO	535.00	09-06-00	--	271	6.0	
CALCASIEU PARISH								
CU- 767	301036093124401	11207LC	850.00	03-14-00	--	3550	980	
		11207LC	850.00	09-12-00	81.05	3580	1000	
CU- 771	301336093183002	11202LC	241.00	03-14-00	--	420	16.0	
		11202LC	241.00	09-12-00	65.97	425	16.0	
CU- 787	300353093210201	11205LC	734.00	03-14-00	--	543	49.0	
		11205LC	734.00	09-12-00	57.70	537	50.0	
CU- 960	301031093204902	11205LC	598.00	09-13-00	96.44	774	140	
CU-1385	301324093170501	11205LC	580.00	03-14-00	--	805	140	
		11205LC	580.00	09-13-00	--	754	130	
CALDWELL PARISH								
CA- 86B	320154092164601	124SPRT	545.00	06-20-00	79.73	1200	16.0	
CAMERON PARISH								
CN- 80L	295846092381105	112CHCTU	481.00	03-15-00	--	1290	250	
		112CHCTU	481.00	09-13-00	38.43	1210	270	
CN- 86L	300120093320802	11205LC	641.00	03-14-00	--	2010	450	
		11205LC	641.00	09-14-00	41.74	1990	470	
CN- 88L	300055093093004	11205LC	804.00	03-15-00	--	2400	570	
		11205LC	804.00	09-13-00	54.09	2350	590	
CN- 90	295611093044801	11202LC	396.00	03-13-00	--	998	160	
		11202LC	396.00	09-11-00	36.43	985	170	
CN- 92	300104093015601	11202LC	443.00	03-13-00	--	1830	390	
		11202LC	443.00	09-12-00	46.55	1820	410	
CONCORDIA PARISH								
CO- 205	312614091400001	112MRVA	130.00	03-07-00	15.29	895	45.0	
		112MRVA	130.00	09-13-00	19.48	857	38.0	
CO- 215	312630091390001	112MRVA	121.00	03-07-00	14.23	3260	830	
		112MRVA	121.00	09-12-00	17.42	3170	830	
EAST BATON ROUGE PARISH								
EB- 151	302641091085801	12224BR	2658.00	12-16-99	--	351	2.5	
EB- 413	302642091083201	12115BR	1745.00	12-16-99	--	320	2.6	
EB- 434	302619091104003	11206BR	611.00	12-14-99	69.44	438	51.0	
EB- 621	302500091052501	12112BR	1487.00	12-16-99	--	455	38.0	
EB- 630	302651091112408	12220BR	2253.00	12-16-99	--	441	15.0	
EB- 700	303130091073101	12228BR	2557.00	12-20-99	--	582	8.3	
EB- 733	302647091083301	12223BR	2637.00	12-16-99	--	346	2.4	
EB- 771	302646091083801	12115BR	1739.00	12-16-99	--	318	5.2	
EB- 778	302509091082701	12220BR	2586.00	12-15-99	12.59	1010	160	
EB- 780A	302509091082702	12112BR	1622.00	12-07-99	41.87	3050	890	
EB- 781	302535091090401	12220BR	2286.00	12-10-99	--	10300	3300	
EB- 782A	302535091090402	12110BR	1189.00	12-10-99	30.83	1740	450	
EB- 783B	302502091113602	12220BR	2675.00	03-08-00	--	3260	720	
EB- 789B	302511091070402	12115BR	1721.00	12-13-99	53.53	9920	3300	
EB- 792B	302605091080602	12220BR	2286.00	12-09-99	206.66	345	2.3	
EB- 793	302719091103201	11206BR	687.00	01-06-00	63.76	318	2.7	
EB- 798	303133091103101	12228BR	2647.00	12-16-99	--	1170	200	
EB- 803B	302306091022602	12220BR	2565.00	12-10-99	--	2300	570	
EB- 804A	302428091035001	12117BR	1950.00	12-08-99	113.44	381	2.2	
EB- 804B	302428091035002	12224BR	2762.00	12-08-99	107.98	619	77.0	

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS IN LOUISIANA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

LOCAL IDENT- I- FIER	STATION	NUMBER	GEO- LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
EAST BATON ROUGE PARISH								
EB- 805	302428091035003	12110BR	1072.00	12-08-99	78.98	24300	8700	
EB- 825	302553091092002	11204BR	475.00	01-06-00	42.34	272	3.4	
EB- 870	302729091100601	11206BR	692.00	01-06-00	77.68	273	2.5	
EB- 879	302402091005201	11206BR	664.00	12-20-99	--	285	2.7	
EB- 917	302614091083001	12115BR	1736.00	12-09-99	145.35	315	19.0	
EB- 918	302547091074401	12115BR	1834.00	12-07-99	137.66	1290	340	
EB- 990	302509091035301	12112BR	1450.00	12-16-99	--	307	2.4	
EB-1000	303251091115001	12228BR	2926.00	01-06-00	67.51	767	78.0	
EB-1007	302711091111501	12108BR	845.00	12-23-99	--	335	2.7	
EB-1017C	302406091021203	11204BR	567.00	12-16-99	--	294	3.3	
EB-1028	302605091100901	12220BR	2238.00	12-17-99	--	1140	240	
EB-1149	302653091103702	12224BR	2694.00	12-16-99	--	394	2.2	
EB-1150	302653091103703	12220BR	2242.00	12-16-99	--	448	24.0	
FRANKLIN PARISH								
FR- 358	322210091290901	112MRVA	127.00	09-14-00	25.59	600	33.0	
FR- 720	320941091411301	112MRVA	100.00	03-23-00	18.64	9940	3200	
		112MRVA	100.00	09-12-00	18.92	9400	3100	
FR- 721	320958091425501	112MRVA	77.00	03-23-00	10.88	1730	280	
		112MRVA	77.00	09-12-00	12.27	1650	280	
IBERIA PARISH								
I- 93	300035091443301	112CHCTU	585.00	03-16-00	--	734	43.0	
		112CHCTU	585.00	09-15-00	22.34	740	42.0	
JEFFERSON PARISH								
JF- 161	295549090104101	112GZNO	772.00	03-15-00	--	1450	260	
		112GZNO	772.00	09-06-00	--	1440	270	
JF- 184	295926090143201	112GZNO	704.00	03-09-00	--	770	110	
		112GZNO	704.00	09-06-00	--	745	120	
JEFFERSON DAVIS PARISH								
JD- 491	300508092405601	112CHCTU	377.00	03-15-00	--	701	99.0	
		112CHCTU	377.00	09-13-00	--	713	100	
LAFAYETTE PARISH								
LF- 524	300605091593502	112CHCTU	174.00	03-15-00	--	325	6.8	
		112CHCTU	174.00	09-14-00	--	295	7.8	
MADISON PARISH								
MA- 64	322614091122001	112MRVA	117.00	03-07-00	14.15	9780	2800	
		112MRVA	117.00	09-11-00	14.49	9600	2800	
MA- 65	322428091130201	112MRVA	119.00	03-07-00	10.70	6430	1700	
		112MRVA	119.00	09-11-00	11.69	6100	1700	
MOREHOUSE PARISH								
MO- 65	324647091543801	124SPRT	564.00	03-23-00	--	1240	190	
		124SPRT	564.00	09-12-00	--	1200	180	
MO- 253	324121091521502	124SPRT	774.00	04-27-00	--	2080	410	
MO- 342	324753091471201	124SPRT	620.00	03-14-00	95.98	2070	420	
		124SPRT	620.00	09-07-00	97.55	2050	390	
MO- 345	325526091530501	124SPRT	786.00	04-14-00	108.21	1560	270	
MO- 350	325707091574701	124SPRT	740.00	04-14-00	110.22	1740	350	
MO- 710	325826091280401	112MRVA	130.00	03-06-00	16.80	2640	460	
		112MRVA	130.00	09-11-00	17.33	2650	440	
MO- 842	325359091344802	112MRVA	90.00	03-14-00	35.50	1150	100	
		112MRVA	90.00	09-14-00	36.55	1100	94.0	

QUALITY OF GROUND WATER

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS IN LOUISIANA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

LOCAL IDENT- I- FIER	STATION	NUMBER	GEO- LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
ORLEANS PARISH								
OR- 61	300055090013101	112GZNO	653.00	03-15-00	--	1060	110	
		112GZNO	653.00	09-07-00	--	1020	100	
OR- 203	300349089562401	112GZNO	453.00	03-09-00	67.74	1650	320	
		112GZNO	453.00	09-27-00	71.44	1620	340	
OUACHITA PARISH								
OU- 78	322854092091501	124SPRT	730.00	05-25-00	--	1620	340	
OU- 124	322838092090401	124SPRT	711.00	05-25-00	--	2980	780	
OU- 160	324147092044001	124SPRT	475.00	09-19-00	--	1200	190	
OU- 165	322920092093701	124SPRT	400.00	05-22-00	253.49	502	17.0	
OU- 391	321921092103601	124SPRT	528.00	09-15-00	--	1100	120	
OU- 402	321714092041401	124SPRT	750.00	03-21-00	58.48	3630	890	
		124SPRT	750.00	09-06-00	59.52	3610	880	
OU- 403	321714092041402	124SPRT	460.00	03-21-00	67.20	1790	280	
		124SPRT	460.00	09-06-00	68.59	1780	280	
OU- 404	323030091554801	124SPRT	685.00	06-07-00	85.50	1920	380	
OU- 405	322531092053901	124SPRT	775.00	03-28-00	134.56	2110	420	
		124SPRT	775.00	09-06-00	135.31	2100	440	
OU- 469	322425092020401	124SPRT	400.00	03-27-00	--	1030	130	
		124SPRT	400.00	09-13-00	114.23	1000	130	
OU- 580	321929092133001	124SPRT	766.00	05-30-00	--	1040	120	
RICHLAND PARISH								
RI- 112	322623091294901	112MRVA	67.00	03-14-00	34.88	1210	280	
		112MRVA	67.00	09-07-00	35.12	1200	270	
RI- 114	322636091295702	112MRVA	66.00	03-13-00	31.19	1450	310	
		112MRVA	66.00	09-07-00	31.44	1410	280	
RI- 124	322605091301101	112MRVA	84.00	03-14-00	27.38	1640	340	
		112MRVA	84.00	09-07-00	29.31	1770	360	
ST JAMES PARISH								
SJ- 226	300325090394201	112GRMC	248.00	03-31-00	--	978	170	
		112GRMC	248.00	09-26-00	--	1020	190	
ST JOHN THE BAPTIST PARISH								
SJB- 165	301247090245901	120CVGN	3000.00	03-09-00	--	1040	94.0	
		120CVGN	3000.00	09-07-00	--	1080	99.0	
SJB- 176	301336090244101	120CVGN	2950.00	03-09-00	--	847	40.0	
		120CVGN	2950.00	09-07-00	--	830	41.0	
SJB- 180	301143090260101	120CVGN	3091.00	03-09-00	--	786	43.0	
		120CVGN	3091.00	09-07-00	--	784	40.0	
ST MARTIN PARISH								
SMN- 108	301304091424001	112CHCTL	505.00	03-16-00	7.56	2090	350	
		112CHCTL	505.00	09-14-00	10.02	2040	370	
SMN- 109	301304091424002	112CHCTU	375.00	03-16-00	8.28	1200	110	
		112CHCTU	375.00	09-14-00	10.73	1190	120	
ST MARY PARISH								
SM- 57U	294749091402301	112CHCTU	638.00	03-16-00	--	1140	180	
		112CHCTU	638.00	09-15-00	11.20	1170	190	
UNION PARISH								
UN- 28	325407092150201	124SPRT	595.00	04-26-00	--	1500	330	
UN- 82	325550092391601	124SPRT	656.00	04-11-00	177.84	1040	190	
UN- 83	325550092391602	124SPRT	326.00	04-11-00	179.42	609	63.0	
UN- 84	325647092241501	124SPRT	696.00	06-06-00	258.46	1380	280	
UN- 102	325553092324901	124SPRT	441.00	04-25-00	--	880	160	

SPECIFIC CONDUCTANCE AND CHLORIDE CONCENTRATIONS IN GROUND WATER FROM SELECTED WELLS IN LOUISIANA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

LOCAL IDENT- I- FIER	STATION	NUMBER	GEO- LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)
VERMILION PARISH								
VE- 637L	295345092100703		112CHCTU	243.00	03-16-00	--	2790	680
			112CHCTU	243.00	09-11-00	15.11	2750	690
VE- 639	293845092264901		112CHCTU	608.00	03-13-00	--	1550	280
			112CHCTU	608.00	09-11-00	11.54	1550	300
WEST BATON ROUGE PARISH								
WBR- 35	302657091124201		12112BR	1290.00	12-20-99	--	309	2.2
WBR- 100B	302652091121402		12224BR	2448.00	01-03-00	167.43	312	2.1
WBR- 112	302550091124102		12115BR	2205.00	10-28-99	--	624	81.0
			12115BR	2205.00	02-23-00	--	640	83.0
			12115BR	2205.00	05-17-00	--	644	83.0
			12115BR	2205.00	07-26-00	--	634	83.0
WBR- 113	302547091123201		12115BR	2242.00	10-28-99	--	1150	210
			12115BR	2242.00	02-23-00	--	1180	220
			12115BR	2242.00	05-17-00	--	1180	220
			12115BR	2242.00	07-26-00	--	1180	230
WBR- 132	302505091132001		12115BR	2082.00	12-22-99	--	347	14.0
WBR- 136	302712091145701		12112BR	1305.00	12-22-99	--	284	2.9
WBR- 148	302702091185101		12112BR	1304.00	12-27-99	46.06	345	2.4
WBR- 173	302456091130202		12115BR	2194.00	12-22-99	--	347	9.6
WBR- 181	302644091121201		12117BR	1900.00	12-20-99	--	296	3.3
WINN PARISH								
W- 144B	315450092310102		124SPRT	550.00	03-20-00	51.41	1680	180
			124SPRT	550.00	09-06-00	52.64	1700	170
W- 172	320541092291601		124SPRT	655.00	06-20-00	96.82	1200	160
W- 177	315338092400001		124SPRT	695.00	06-19-00	47.35	1600	140
W- 179	315948092300301		124SPRT	585.00	03-20-00	119.14	1560	270
			124SPRT	585.00	09-05-00	120.23	1500	260

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.
 12108BR-"800-foot" sand of Baton Rouge area, Pliocene age.
 12110BR-"1,000-foot" sand of Baton Rouge area, Pliocene age.
 12112BR-"1,200-foot" sand of Baton Rouge area, Pliocene age.
 12115BR-"1,500-foot" sand of Baton Rouge area, Pliocene age.
 12117BR-"1,700-foot" sand of Baton Rouge area, Pliocene age.
 12220BR-"2,000-foot" sand of Baton Rouge area, Miocene age.
 12223BR-"2,000 and 2,400 foot" sands of Baton Rouge area, Miocene age.
 12224BR-"2,400-foot" sand of Baton Rouge area, Miocene age.
 12228BR-"2,800-foot" sand of Baton Rouge area, Miocene age.
 124SPRT-Sparta sand, Eocene age.

WATER QUALITY DATA

MISCELLANEOUS ANALYSES

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

LOCAL IDENT- I- FIER	GEO- LOGIC UNIT	DATE	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
FRANKLIN PARISH								
FR- 720	112MRVA	03-23-00	100.00	9940	7.0	21.4	20	1000
FR- 721	112MRVA	03-23-00	77.00	1730	7.1	20.6	20	410
ST JAMES PARISH								
SJ- 226	112GRMC	03-31-00	248.00	978	7.9	20.7	5	170
MADISON PARISH								
MA- 64	112MRVA	09-11-00	117.00	9600	--	23.2	50	610
MA- 65	112MRVA	09-11-00	119.00	6100	--	21.1	10	780

LOCAL IDENT- I- FIER	DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
FRANKLIN PARISH								
FR- 720	03-23-00	260	92	1700	8.2	678	<.20	3200
FR- 721	03-23-00	100	38	200	3.5	469	<.20	280
ST JAMES PARISH								
SJ- 226	03-31-00	44	14	130	2.3	222	23	170
MADISON PARISH								
MA- 64	09-11-00	170	45	2000	9.5	--	<.20	2800
MA- 65	09-11-00	210	62	1100	8.0	--	<.20	1700

LOCAL IDENT- I- FIER	DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
FRANKLIN PARISH							
FR- 720	03-23-00	.20	31	6150	--	11400	170
FR- 721	03-23-00	.19	27	903	--	3200	310
ST JAMES PARISH							
SJ- 226	03-31-00	.22	21	530	539	540	390
MADISON PARISH							
MA- 64	09-11-00	2.0	28	5530	--	1800	360
MA- 65	09-11-00	.92	28	3640	--	6800	480

A

Abita River, at Keen Road near Abita Springs	485	Bayou Boeuf at Railroad Bridge at Amelia	335
at U.S. Highway 190 near Covington	485	Bayou Bonfouca at West Hall Road, at Slidell	177
north of Abita Springs	479	Bayou Borbeaux near Sunset	490
Acadia Parish, ground-water levels	496	Bayou Carencro, south of Carencro Lake	494
Accuracy of the records	26	Bayou Cheuvril, south of Bayou Decade near Dulac	494
Acid neutralizing capacity, definition of	39	Bayou Chinchuba, at State Highway 190 near Mandeville	485
Acre-foot, definition of	25, 39	near Mandeville	485
Alexandria, Red River at	108	Bayou Choudrant, near Calhoun	478
Algae, definition of	39	tributary near Tremont	478
Alkalinity, definition of	39	Bayou Cocodrie near Clearwater	370
Allen Parish, ground-water levels	496	Bayou Conway near Sorrento	241
Alligator Bayou near Kleinpeter	213	Bayou Copasaw, south of Gulf Intracoastal Waterway near Amelia	493
Aloha, Nantachie Lake near	106	Bayou Courtableau, at Washington	372
Amelia, Bayou Boeuf at Railroad Bridge at	335	near Washington	490
Amite River, at French Settlement	238	Bayou D'Arbonne Lake at Farmerville	119
at Grangeville	479	Bayou D'Arbonne below Dam near Downsview	484
at Magnolia	479	Bayou Decade, at Lake Decade near Theriot	494
at Port Vincent	235	Bayou des Cannes near Eunice	401
at State Highway 22 near Maurepas	239	Bayou des Glaives Diversion Channel, near Moreauville	490
near Darlington	203	Bayou Dorcheat, near Minden	89
near Denham Springs	211	near Springhill	87
Amite, Natalbany River at	200	Bayou Duplantier at Lee Drive at Baton Rouge	489
Tangipahoa River at	194	Bayou Eugene 10.1 miles northeast of Loreauville	356
Annual 7-day minimum, definition of	25	Bayou Fountain, at Ben Hur Road at Baton Rouge	488
Annual mean, definition of	25	at Bluebonnet Boulevard near Baton Rouge	488
Annual runoff, definition of	25, 39	at Burbank near Baton Rouge	488
Annual total, definition of	25	at Gardere Lane near Baton Rouge	488
Aquifer, definition of	39	at Lee Drive at Baton Rouge	488
Arkansas-Louisiana State Line, Boeuf River near	121	Bayou Francois, at Gonzales	490
Ouachita River near	112	at Highway 61 near Gonzales	246
Arnaudville, Bayou Fusilier at weir at	383	near Gonzales	490
Bayou Teche at	377	Bayou Fusilier at weir at Arnaudville	383
Aroclor	39	Bayou Grand Caillou at Dulac	299
Artesian, definition of	39	Bayou Grand Cane near Stanley	459
Ascension Parish, ground-water levels	497	Bayou Gravenburg 11.7 miles east of Loreauville	357
Atchafalaya River, at Butte La Rose	355	Bayou Grosse Tete at Rosedale	328
at Melville	349	Bayou Lacarpe near Crozier	301
at Simmesport	347	Bayou Lacassine near Lake Arthur	418
Avoca Island Cutoff south of Morgan City	493	Bayou Lacombe near Lacombe	485
Avoyelles Parish, ground-water levels	497	Bayou Lafourche (tributary to Boeuf River) near Alto	484
Aycock, Lake Claiborne near	116	near Crew Lake	125
		Bayou Lafourche (tributary to Gulf) at Thibodaux	296
		below weir at Thibodaux	490
		SW of Donaldsonville	295
		Bayou Liberty near Slidell	485
		Bayou Macon near Delhi	129
		Bayou Manchac, at Alligator Bayou near Kleinpeter	214
		near Little Prairie	234
		Bayou Nezpique near Basile	408
		Bayou Penchant, near Theriot	493
		south of Morgan City	366
		Bayou Pequant, north of Bayou Penchant near Amelia	493
		Bayou Perot northwest of Lafitte	492
		Bayou Pierre, at Powhatan	483
		at Shreveport	483
		near Lake End	99
		Bayou Rapides near Alexandria	484
		Bayou Rapides-Boeuf-Cocodrie Diversion Channel near Alexandria	490

B

Bacteria, definition of	39
Enterococcus, definition of	40
Escherichia coli, definition of	40
Fecal coliform, definition of	40
Fecal streptococcal, definition of	40
Total coliform, definition of	39
Baker Canal near Baker	484
Baptist, Natalbany River at	201
Barataria Bay north of Grand Isle	265
Barataria Bay Pass east of Grand Isle	277
Basile, Bayou Nezpique near	408
Baton Rouge, Dawson Creek at Bluebonnet Boulevard at	215
Bayou Anacoco, near Knight	471
near Rosepine	469
Bayou Bartholomew, near Jones	114
northwest of Jones	484
Bayou Baton Rouge Basin, Flood-Profile Partial- Record Stations in	484

- | | | | |
|--|-----|---|-----|
| Bayou Rigolets near Slidell | 259 | Brushy Creek (tributary to Dugdemona River) | |
| Bayou San Patricio near Benson | 461 | near Joyce | 479 |
| Bayou Scie at Zwolle | 481 | Buffalo Cove at Round Island near Charenton | 359 |
| Bayou Teche, at Arnaudville | 377 | Bullard Creek near Jonesville, TX | 482 |
| at Keystone Lock and Dam near St. Martinville | 379 | Burkeville, TX, Sabine River at Toledo Bend | |
| at Robin | 490 | Reservoir near | 464 |
| below Keystone Lock and Dam, near St. Martinville | 490 | Sabine River near | 467 |
| near Jeanerette | 381 | Toledo Bend Reservoir near | 463 |
| Bayou Terrebonne at Bush Canal South of Chauvin | 316 | Bush, Bogue Chitto near | 59 |
| Bayou Tete L'ours near Mandeville | 486 | Bushley Creek at Manifest | 478 |
| Bayou Toro near Toro | 465 | Butte La Rose, Atchafalaya River at | 355 |
| Bayou Vermilion near Carencro | 385 | C | |
| Bayou Vincent at Browns Village Road at Slidell | 485 | Caillou Lake (Sister Lake) southwest of Dulac | 322 |
| Beaucoup Creek near Cotton Plant | 479 | Calcasieu Parish, ground-water levels | 499 |
| Beauregard Parish, ground-water levels | 498 | Calcasieu River Basin, Crest-Stage | |
| Beaver Bayou, at Denham Road near Baton Rouge | 487 | Partial-Record Stations in | 480 |
| at Hooper Road near Baton Rouge | 487 | Calcasieu River, at Cameron | 450 |
| at Wax Road near Baton Rouge | 479 | at I-10 at Lake Charles | 438 |
| Beaver Creek near Milldale | 479 | near Glenmora | 425 |
| Beckville, TX, Sabine River near | 456 | near Kinder | 436 |
| Bed material, definition of | 40 | near Oberlin | 427 |
| Benson, Bayou San Patricio near | 461 | Caldwell Parish, ground-water levels | 501 |
| Benton, Cypress Bayou Lake near | 92 | Calumet, Wax Lake Outlet at | 360 |
| Bienville Parish, ground-water levels | 498 | Cameron Parish, ground-water levels | 501 |
| Big Creek (tributary to Little River) at Pollock | 133 | Cameron, Calcasieu River at | 450 |
| Big Creek (tributary to Tangipahoa River) | | Camp Covington, Bogue Falaya near | 190 |
| east of Tangipahoa | 193 | Canal, south of Brady Canal, south of Penchant Canal | |
| Biochemical oxygen demand, definition of | 40 | near Theriot | 494 |
| Black Bay near Snake Island near Pointe a la Hache | 159 | Carencro, Bayou Vermilion near | 385 |
| Black Bayou (tributary to New River), at State | | Carrion Crow Bayou, at southeast split near Amelia | 493 |
| Highway 621 near Prairieville | 244 | at southwest split near Amelia | 493 |
| at Highway 929 near Prairieville | 489 | near Amelia | 493 |
| east of Gonzales | 245 | Castor Creek nr Oberline | 480 |
| Black Bayou (tributary to Ouachita River) | | Catahoula Parish, ground-water levels | 503 |
| at West Monroe | 484 | Cfs, definition of | 40 |
| Black Bayou (tributary to Red River) near Rodessa | 483 | Chandeleur Sound at Door Point | 62 |
| Black Hawk, Old River Outflow Channel | | Charenton Pass at Baldwin | 492 |
| (Knox Landing) South of | 345 | Charenton, Buffalo Cove at Round Island near | 359 |
| Black Lake Bayou near Clarence | 105 | Lake Fausse Point Cut near Little Gonsolin Bayou near | 400 |
| Blackwater Bayou, near Baton Rouge | 479 | Chauvin Bayou near Monroe | 120 |
| near Fred | 486 | Chauvin, Bayou Terrebonne at Bush Canal South of | 316 |
| Bluff Swamp near Kleinpeter | 488 | Chemical oxygen demand, definition of | 40 |
| Bodcau Bayou near Sarepta | 91 | Chicot Pass near Myette Point | 358 |
| Boeuf River, near Arkansas-Louisiana State Line | 121 | Chlorophyll, definition of | 40 |
| near Girard | 123 | Claiborne Parish, ground-water levels | 503 |
| southwest of Rayville | 484 | Clarence, Black Lake Bayou near | 105 |
| Bogalusa, Pearl River near | 55 | Clay Cut Bayou, at Antioch Road near Baton Rouge | 488 |
| Boggy Bayou north of Spring Ridge | 483 | at Siegen Lane near Baton Rouge | 488 |
| Bogue Chitto, at Enon | 482 | near Hope Villa | 488 |
| at Franklinton | 58 | Clearwater, Bayou Cocodrie near | 370 |
| near Bush | 59 | Color unit, definition of | 40 |
| near Tylertown, MS | 57 | Comite River, at Greenwell Springs Road | |
| Bogue Falaya, at Boston Street at Covington | 191 | near Baton Rouge | 487 |
| at Folsom | 485 | near Baker | 486 |
| at Lee Road at Covington | 485 | near Comite | 209 |
| near Camp Covington | 190 | near Olive Branch | 205 |
| Bon Wier, TX, Sabine River near | 474 | near Zachary | 486 |
| Bossier Parish, ground-water levels | 499 | Comite, Comite River near | 209 |
| Bottom material, definition of | 40 | Concordia Parish, ground-water levels | 503 |
| Brady Canal, west of Penchant Canal near Theriot | 494 | Contents, definition of | 40 |
| Brush Bayou, at Shreveport | 483 | Continuous-record station, definition of | 40 |
| near Shreveport | 483 | | |

- | | | | |
|--|--------|--|-----|
| Control structure, definition of | 41 | Drainage basin, definition of | 42 |
| Control, definition of | 40 | Dry Creek at Dry Creek | 480 |
| Cooperation, record of | 2 | Dry weight, definition of | 42 |
| Corporation Canal, at East Roosevelt Street
at Baton Rouge | 489 | Dugdemonia River near Jonesboro | 130 |
| at Oklahoma Street at Baton Rouge | 489 | Dulac, Bayou Grand Caillou at | 299 |
| at Stanford Avenue at Baton Rouge | 489 | Caillou Lake (Sister Lake) southwest of | 322 |
| Coushatta, Red River at | 95 | Houma Navigation Canal at | 310 |
| Covington, Bogue Falaya at Boston Street at | 191 | E | |
| Tchefuncta River near | 180 | East Baton Rouge Parish, ground-water levels | 504 |
| Cow Bayou at American Bay near Pointe a la Hache | 153 | East Carroll Parish, ground-water levels | 517 |
| Crew Lake, Bayou Lafourche near | 125 | East Feliciana Parish, ground-water levels | 517 |
| Crooked Bayou northwest of Lake Cuatro Caballo
near Delacroix | 147 | Enterococcus bacteria, definition of | 40 |
| Cross Bayou west of Greenwood | 482 | Escherichia coli (E. coli), definition of | 40 |
| Cross Lake at Shreveport | 86 | Eunice, Bayou des Cannes near | 401 |
| Crozier, Bayou Lacarpe near | 301 | Evangeline Parish, ground-water levels | 518 |
| Cubic feet per second per square mile, definition of | 25, 39 | Explanation of, Geologic Unit (Aquifer), the records | 11 |
| Cubic foot per second, definition of | 25, 41 | F | |
| Cubic foot per second-day, definition of | 41 | Falgout Canal, east of Lake Decade near Theriot | 494 |
| Cutoff, Little Lake near | 283 | Farmerville, Bayou D'Arbonne Lake at | 119 |
| Tennessee Canal near | 289 | Fecal coliform bacteria, definition of | 40 |
| Cypremort Point, Vermilion Bay near | 394 | Fecal streptococcal bacteria, definition of | 40 |
| Cypremort, Gulf Intracoastal Waterway at | 368 | Flat River near Shreveport | 483 |
| Cypress Bayou (Head of Baker Canal), at Baker
at Hooper Road near Baton Rouge | 479 | Flood-Profile Partial-Record Stations | 482 |
| at Plank Road near Baton Rouge | 486 | Flow (see Discharge) | 41 |
| Cypress Bayou Lake near Benton | 92 | Flow-duration percentiles, definition of | 42 |
| Cypress Bayou, (tributary to Wallace Bayou)
near Keithville | 97 | Folsom, Tchefuncta River near | 178 |
| near Plain Dealing | 483 | Franklin Parish, ground-water levels | 518 |
| D | | Franklinton, Bogue Chitto at | 58 |
| Daily record station, definition of | 41 | French Branch at Old River Road at Slidell | 482 |
| Daily record, definition of | 41 | French Settlement, Amite River at | 238 |
| Darlington, Amite River near | 203 | G | |
| Datum, definition of | 41 | Gage datum, definition of | 42 |
| Dawson Creek, at Bluebonnet Boulevard
at Baton Rouge | 215 | Gage height, definition of | 42 |
| at Perkins Road at Baton Rouge | 488 | Gaging station, definition of | 42 |
| near Baton Rouge | 489 | Galliano, Grand Bayou Tributary west of | 297 |
| De Soto Parish, ground-water levels | 504 | Gilmer Bayou near Shreveport | 483 |
| Definition of terms | 39 | Girard, Boeuf River near | 123 |
| Delacroix, Crooked Bayou northwest of
Lake Cuatro Caballo near | 147 | Glenmora, Calcasieu River near | 425 |
| Delhi, Bayou Macon near | 129 | Gonzales, Bayou Francois at Highway 61 near | 246 |
| Denham Springs, Amite River near | 211 | Black Bayou east of | 245 |
| Discharge, definition of | 41 | Grand Goudine Bayou at State Highway 934 near | 243 |
| Instantaneous, definition of | 41 | Panama Canal at State Highway 44 near | 240 |
| Mean, definition of | 41 | Grand Bayou near Coushatta | 478 |
| Annual total, definition of | 41 | Grand Bayou Tributary west of Galliano | 297 |
| Annual mean, definition of | 41 | Grand Ecore, Red River at | 101 |
| Annual 7-day minimum, definition of | 41 | Grand Goudine Bayou, at State Highway 934
near Gonzales | 243 |
| Dissolved oxygen, definition of | 41 | on Highway 73 near Prairieville | 489 |
| Dissolved trace-element concentrations | 30 | Grand Isle, Barataria Bay north of | 265 |
| Dissolved, definition of | 41 | Barataria Bay Pass east of | 277 |
| Dissolved-solids concentration, definition of | 42 | Hackberry Bay northwest of | 271 |
| Donaldsonville, Bayou Lafourche SW of | 295 | Grand Pass, Mississippi Sound | 69 |
| Door Point, Chandeleur Sound at | 62 | Grant Parish, ground-water levels | 519 |
| Doubloon Branch at State Highway 190 at Slidell | 482 | Grays Creek near Port Vincent | 489 |
| Downstream order and station numbers | 12 | Ground-water level data (by parishes) | 496 |
| Drainage area, definition of | 42 | Ground-water level, definition of | 42 |

- Gulf Intracoastal Waterway, at Bayou Sale
 bridge nr Franklin 492
 at Cypremort 368
 at Lower Atchafalaya River south of Morgan City 492
 east of Bayou Lafourche at Larose 493
 east of Houma Navigation Canal at Houma 492
 east of Jaws Bay 492
 east of Wax Lake Outlet near Calumet 492
 near Bayou Wallace east of Morgan City 492
 west of Bayou Lafourche at Larose 492
 west of Bayou Perot 492
 west of Houma Navigation Canal at Houma 493
 west of Jaws Bay 492
 west of Wax Lake Outlet
 south of Calumet 492
- Gum Bayou, at Davis Landing Road at Highway 11
 near Slidell 482
- Guyton Creek near Eros 478
- H**
- Hackberry Bay northwest of Grand Isle 271
 Hackberry, North Calcasieu Lake near 444
 Hardness, definition of 42
 Hemphill Creek at Nebo 479
 Henderson Bayou, near Port Vincent 237
 Tributary No. 2 near Duplessis 489
 Highest annual mean, definition of 25
 Highest daily mean, definition of 25
 Hog Bayou, west of Wax Lake Outlet nr Calumet 492
 Holden, Tickfaw River at 198
 Horseshoe Drainage Canal at Packing House Road
 at Alexandria 490
 Houma Navigation Canal at Dulac 310
 Hurricane Creek, at Baton Rouge 487
 near Baton Rouge 487
 Hutch Canal, east of Bayou Copasaw near Amelia 493
 Hydrologic Benchmark Network, definition of 11
 Hydrologic benchmark station, definition of 42
 Hydrologic conditions, summary of 3
 Hydrologic unit, definition of 42
 Hynson Bayou, at Bringhurst Park at Alexandria 490
 at Hudson Street at Alexandria 490
- I**
- Iberia Parish, ground-water levels 519
 Iberville Parish, ground-water levels 519
 Identifying estimated daily discharge 26
 Inches, definition of 25
 Index, Red River at 78
 Indian Creek at Shongaloo 478
- Instantaneous
 Low flow 41
 Low stage 41
 Peak flow 41
 Peak stage 41
 Instantaneous low flow, definition of 25
 Instantaneous low stage, definition of 25
 Instantaneous peak flow, definition of 25
 Instantaneous peak stage, definition of 25
 Introduction 1
- J**
- Jackson Parish, ground-water levels 519
 Jeanerette, Bayou Teche near 381
 Jefferson Davis Parish, ground-water levels 521
 Jefferson Parish, ground-water levels 520
 Jims Bayou near Kildare, TX 483
 Jones Creek, at Airline Highway at Baton Rouge 487
 at Florida Boulevard at Baton Rouge 487
 at Goodwood Boulevard at Baton Rouge 480
 at Old Hammond Highway near Baton Rouge 480
 at Woodlake Drive near Baton Rouge 480
 at Woodland Ridge Boulevard near Baton Rouge 480
 near Woodlawn School near Baton Rouge 480
 Jones, Bayou Bartholomew near 114
 Jonesboro, Dugdemona River near 130
- K**
- Keithville, Cypress Bayou near 97
 Kentwood, Tangipahoa River near 192
 Kepler Creek at Sparta 478
 Kinder, Calcasieu River near 436
 Kisatchie Bayou, at Kisatchie 478
 at Lotus 107
 Kleinpeter, Alligator Bayou near 213
 Bayou Manchac at Alligator Bayou near 214
 Knight, Bayou Anacoco near 471
 Krotz Springs, State Canal near 376
- L**
- La Salle Parish, ground-water levels 522
 Lafayette Parish, ground-water levels 521
 Lafayette, Vermilion River at Hwy. 733 near 391
 Vermilion River at Surrey Street at 389
 Vermilion River near 388
 Lake Arthur, Bayou Lacassine near 418
 Lake Bistineau near Ringgold 90
 Lake Charles, Calcasieu River at I-10 at 438
 Lake Claiborne near Aycock 116
 Lake End, Bayou Pierre near 99
 Lake Fausse Point Cut near Little Gonsolin Bayou
 near Charenton 400
 Lake Pontchartrain at Lincoln Beach near Little Woods 249
 Land-surface datum, definition of 43
 Latitude and longitude system 12
 Lillie, Little Corney Bayou near 117
 Lincoln Parish, ground-water levels 522
 Lipid, definition of 43
 Little Carencro Bayou, north of Brady Canal
 near Theriot 494
 Little Corney Bayou near Lillie 117
 Little Lake near Cutoff 283
 Little Prairie, Bayou Manchac near 234
 Little River, at Rochelle 484
 near Rochelle 131
 Little Sandy Creek (tributary to Beaver Creek)
 near Greenwell Springs 479
 near Milldale 486
 southeast of Milldale 486
 Little Woods, Lake Pontchartrain at Lincoln Beach near 249
 Lively Bayou, east of Baton Rouge 487
 northeast of Baton Rouge 487
 southeast of Baton Rouge 487

- Liverpool, Tickfaw River at 197
 Livingston Parish, ground-water levels 522
 Logansport, Sabine River at 458
 Loreauville, Bayou Eugene 10.1 miles northeast of 356
 Bayou Gravenburg 11.7 miles east of 357
 Lotus, Kisatchie Bayou at 107
 Lower Atchafalaya River, at Morgan City 363
 south of Shell Island Pass 493
 Lowest annual mean, definition of 25
 Lowest daily mean, definition of 25
 Lucky, Saline Bayou near 103
- M**
- Madison Parish, ground-water levels 523
 Maurepas, Amite River at State Highway 22 near 239
 McCain Creek near Blanchard 483
 Mean
 Highest annual mean 41
 Highest daily mean 41
 Lowest annual mean 41
 Lowest daily mean 41
 Measuring point, definition of 43
 Melville, Atchafalaya River at 349
 Membrane filter, definition of 43
 Mermentau River at Mermentau 410
 Mermentau River Basin, Crest-Stage
 Partial-Records Stations in 480
 Mermentau, Mermentau River at 410
 Micrograms per gram, definition of 43
 Micrograms per kilogram, definition of 44
 Micrograms per liter, definition of 44
 Microsiemens per centimeter, definition of 44
 Middle Colyell Creek near Walker 489
 Milligrams per liter, definition of 44
 Minden, Bayou Dorcheat near 89
 Minor's Canal, north of Lake Decade near Theriot 494
 south of Gulf Intracoastal Waterway near Houma 493
 Miscellaneous site, definition of 44
 Mississippi River Delta, Crest-Stage
 Partial Records Stations in 479
 Flood Profile-Partial Record Stations in 484
 Mississippi River, at Tarbert Landing, MS 76
 near St. Francisville 135
 Mississippi Sound at Grand Pass 69
 Monroe, Chauvin Bayou near 120
 Monte Sano Bayou Basin, Crest-Stage
 Partial-Record Stations in 479
 Flood-Profile Partial Record Stations in 484
 Monte Sano Bayou, at Baton Rouge 479
 at Metro Airport at Baton Rouge 484
 Morehouse Parish, ground-water levels 524
 Morgan City, Bayou Penchant south of 366
 Lower Atchafalaya River at 363
 Most probable number (MPN), definition of 44
 Muddy Creek, at Prairieville 489
 near Oak Grove 489
 Myette Point, Chicot Pass near 358
- N**
- Nantachie Lake near Aloha 106
 Natalbany River, at Amite 200
 at Baptist 201
 Natchitoches Parish, ground-water levels 526
 National Geodetic Vertical Datum of 1929, definition of 44
 National Stream-Quality Accounting Network 11
 National Trends Network, The 11
 National Water-Quality Assessment Program, the 11
 Nephelometric turbidity unit, definition of 44
 New River Canal, at Gonzales 489
 near Sorrento 247
 North American Vertical Datum of 1988 (NAVD 88)
 definition of 44
 North Branch Ward Creek, at Goodwood Boulevard
 at Baton Rouge 480
 at Jefferson Highway at Baton Rouge 480
 at Old Hammond Highway at Baton Rouge 480
 North Calcasieu Lake near Hackberry 444
 North California Bay near Pointe a la Hache 171
 Northeast Bay Gardene near Pointe a la Hache 165
 Numbering system for wells and miscellaneous sites 12
- O**
- Oberlin, Calcasieu River near 427
 Whisky Chitto Creek near 429
 Old River Outflow Channel (Knox Landing)
 south of Black Hawk 345
 Olive Branch, Comite River near 205
 Open or screened interval, definition of 44
 Organic carbon, definition of 44
 Organochlorine compounds, definition of 44
 Orleans Parish, ground-water levels 526
 Ouachita Parish, ground-water levels 527
 Ouachita River, at Sterlington 484
 near Arkansas-Louisiana State Line 112
- P**
- Palmetto Bayou, at Atchafalaya Bay 493
 Panama Canal at State Highway 44 near Gonzales 240
 Parameter Code, definition of 44
 Partial-record station, definition of 45
 Partial-Record Stations and
 Miscellaneous Sites 478
 Particle size, definition of 45
 Particle-size classification, definition of 45
 Partridge Bayou, west of Bayou Penchant near Amelia 493
 Paw Paw Bayou near Greenwood 483
 Pear River, at Crawford's Landing near Slidell 482
 Pearl Creek at State Highway 111, at Burr Ferry 481
 Pearl River Basin, Flood-Profile Partial-Record
 Stations in 482
 Pearl River, at Pearl River 61
 near Bogalusa 55
 Pearl River, Pearl River at 61
 Penchant Canal, southwest of Penchant Lake
 near Theriot 494
 People's Weir, southeast of Penchant Lake near Theriot 494
 Percent
 10 percent exceeds 25
 50 percent exceeds 25
 90 percent exceeds 25
 Percent composition, definition of 45
 Perry, Vermilion River at 392
 Persimmon Bayou near Alexandria 490
 Pesticides, definition of 45

- pH, definition of 45
- Picocurie, definition of 45
- Pipeline Canal, east of Bayou Wallace near Amelia 492
- Pointe a la Hache, Black Bay near Snake Island near 159
- Cow Bayou at American Bayou near 153
- North California Bay near 171
- Northeast Bay Gardene near 165
- Pointe Coupee Parish, ground-water levels 529
- Pollock, Big Creek at 133
- Polychlorinated biphenyls (PCB's), definition of 45
- Polychlorinated naphthalenes, definition of 45
- Ponchitolawa Creek at State Highway 190 near Mandeville 486
- Poor Boy Canal, at Military Road at Slidell 482
- Port Vincent, Amite River at 235
- Henderson Bayou near 237
- Prairieville, Black Bayou at State Highway 621 near 244
- R**
- Radioisotopes, definition of 45
- Rambin Bayou near Frierson 478
- Rapides Parish, ground-water levels 531
- Records of ground-water levels 30
- Records of ground-water quality 31
- Records of stage and water discharge 12
- Records of surface-water quality 26
- Recoverable, bottom material, definition of 46
- Recurrence interval, definition of 46
- Red Chute Bayou, at High Island 483
- at Sligo 93
- near Shreveport 483
- Red River Basin, Crest-Stage
- Partial-Record Stations in 478
- Flood-Profile Partial Record Stations in 482
- Red River Parish, ground-water levels 532
- Red River, above Shreveport 82
- at Alexandria 108
- at Coushatta 95
- at Grand Ecore 101
- at Index, AR 78
- at Spring Bank, AR 80
- Reggio Canal near Willis Point 141
- Richland Parish, ground-water levels 532
- Ringgold, Lake Bistineau near 90
- River mile, definition of 46
- River mileage, definition of 46
- Robert, Tangipahoa River at 195
- Roberts Canal, at Baton Rouge 487
- near Baton Rouge 487
- Rochelle, Little River near 131
- Rosedale, Bayou Grosse Tete 328
- Rosepine, Bayou Anacoco near 469
- Ruliff, TX, Sabine River near 476
- Runoff, definition of 46
- Ruth Canal, at Ruth 491
- near Ruth 386
- Ruth, Ruth Canal near 386
- S**
- Sabine Parish, ground-water levels 534
- Sabine River Basin, Crest-Stage
- Partial-Record Stations in 481
- Sabine River, at Logansport 458
- at Toledo Bend Reservoir Burkeville, TX 464
- near Beckville, TX 456
- near Bon Wier, TX 474
- near Burkeville, TX 467
- near Ruliff, TX 476
- Saline Bayou near Lucky 103
- Sand Beach at Shreveport 483
- Sandy Creek, near Greenwell Springs 486
- near Pride 479
- Sarepta, Bodcau Bayou near 91
- Sea level, definition of 46
- Sediment, definition of 29, 46
- Shell Island Pass at Lower Atchafalaya Pass 493
- Shettlesworth Bayou near Blanchard 483
- Shreveport, Cross Lake at 86
- Red River above 82
- Simmesport, Atchafalaya River at 347
- Slidell, Bayou Bonfouca at West Hall Road, at 177
- Bayou Rigolets near 259
- Sligo, Red Chute Bayou at 93
- Sodium adsorption ratio, definition of 47
- Solute, definition of 47
- Sorrento, Bayou Conway near 241
- New River Canal near 247
- South Canal near Baker 484
- Special networks and programs 11
- Specific conductance, definition of 47
- Spring Bank, Red River at 80
- Springhill, Bayou Dorcheat near 87
- St. Francisville, Mississippi River near 135
- St. Helena Parish, ground-water levels 534
- St. James Parish, ground-water levels 534
- St. John the Baptist Parish, ground-water levels 535
- St. Landry Parish, ground-water levels 536
- St. Martin Parish, ground-water levels 536
- St. Martinville, Bayou Teche at Keystone
- Lock and Dam near 379
- St. Mary Parish, ground-water levels 537
- St. Tammany Parish, ground-water levels 537
- Stage (see gage height) 47
- Stage-discharge relation, definition of 47
- Stanley, Bayou Grand Cane near 459
- State Canal near Krotz Springs 376
- Station numbers and downstream order 12
- Streamflow, definition of 47
- Sugar Creek nr Arcadia 478
- Summary of hydrologic conditions 3
- Surface area, definition of 47
- Surface-water conditions 3
- Surface-water quality 6
- Surficial bed material, definition of 47
- Suspended sediment, definition of 46
- Suspended, definition of 47
- Recoverable, definition of 47
- Total, definition of 47
- Suspended-sediment concentration, definition of 46
- Suspended-sediment discharge, definition of 46
- Suspended-sediment load, definition of 46

T

Tangipahoa Parish, ground-water levels	538
Tangipahoa River, at Amite	194
at Robert	195
near Kentwood	192
Tangipahoa, Big Creek east of	193
Tarbert Landing, MS, Mississippi River at	76
Tchefuncta River, at State Highway 21 near Covington	485
near Covington	180
near Folsom	178
Tendal, Tensas River at	127
Tennessee Canal near Cutoff	289
Tensas Parish, ground-water levels	540
Tensas River, at Tendal	127
southeast of Tendal	484
Terrys Creek near Kentwood	479
Thibodaux, Bayou Lafourche at	296
Tickfaw River, at Holden	198
at Liverpool	197
Toledo Bend Reservoir near Burkeville, TX	463
Tons per day, definition of	47
Toro, Bayou Toro near	465
Total coliform bacteria, definition of	39
Total recoverable, definition of	48
Total, bottom material, definition of	48
Total, definition of	48
Turbidity, definition of	48
Turtle Bayou, north of Bayou Penchant near Amelia	493
Site 2 north of Bayou Penchant near Ameilia	493
Tylertown, MS, Bogue Chitto near	57

U

Union Parish, ground-water levels	540
---	-----

V

Vermilion Bay near Cypremort Point	394
Vermilion Parish, ground-water levels	541
Vermilion River, at Hwy. 733 near Lafayette	391
at Perry	392
at Surrey Street at Lafayette	389
near Lafayette	388
Vernon Parish, ground-water levels	542
Vincent Creek, at Infantry Road at Slidell	485
at Jackson Road at Slidell	485
Volatile organic compounds, definition of	48
Voss Canal, north of Bayou Decade near Dulac	494

W

W-14 Canal, at Brownswitch Road at Slidell	485
at Daney Street at Slidell	485
at Kingspoint Boulevard at Slidell	485
at Roberts Road at Slidell	484
W-15 Canal, at Highway 11 near Slidell	482
at Highway 190 near Slidell	482
at I-10 Service Road at Slidell	482
Ward Creek Diversion at Highland Road near Baton Rouge	488
Ward Creek, at Bluebonnet Boulevard at Baton Rouge	488
at College Drive	488
at Essen Lane near Baton Rouge	480
at Government Street at Baton Rouge	488
Washington Parish, ground-water levels	544
Washington, Bayou Courtableau at	372
Water level, definition of	48
Water table, definition of	48
Water temperature, definition of	27
Water year, definition of	48
Wax Lake Outlet at Calumet	360
WDR, definition of	48
Webster Parish, ground-water levels	544
Weighted average, definition of	48
Weiner Creek, at S. Sherwood Forest Boulevard	
at Baton Rouge	487
near Baton Rouge	487
Well, definition of	48
Welsh Gully near Prairieville	489
West Baton Rouge Parish, ground-water levels	545
West Carroll Parish, ground-water levels	548
West Colyell Creek near Port Vincent	489
West Feliciana Parish, ground-water levels	549
Wet weight, definition of	48
Whisky Chitto Creek near Oberlin	429
Whisky Chitto Creek tributary near Leesville	480
White Bayou, at Highway 64 near Zachary	486
East Diversion Channel near Baton Rouge	486
near Baker	486
near Baton Rouge	486
southeast of Zachary	207
Willis Point, Reggio Canal near	141
Winn Parish, ground-water levels	550
WSP, definition of	48

Y

Youngs Bayou, at Monroe	484
near Monroe	484

Z

Zachary, White Bayou southeast of	207
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37371

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
<i>Length</i>		
inch (in.)	2.54×10^1	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^0	kilometer
<i>Area</i>		
acre	4.047×10^3	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi ²)	2.590×10^0	square kilometer
<i>Volume</i>		
gallon (gal)	3.785×10^0	liter
	3.785×10^0	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^3	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft ³)	2.832×10^1	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^3	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
<i>Flow</i>		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second
	2.832×10^1	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^1	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
<i>Mass</i>		
ton (short)	9.072×10^{-1}	megagram or metric ton

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment for the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

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