R
(200)
Ga3
Louisiana
1975

Water Resources Data for Louisiana

Water Year 1975

U. S. GEOLOGICAL SURVEY
RESTON, VA.
JAN 6 1981
LIBRARY

RECEIVED
DEC 29 1975
DATA REPORTS UNIT

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-75-1

Prepared in cooperation with the Louisiana Department of Public Works and with other State and Federal agencies

CALENDAR FOR WATER YEAR 1978

1977

OCTOBER

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

NOVEMBER

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

DECEMBER

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

1978

JANUARY

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

FEBRUARY

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

MARCH

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

APRIL

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

MAY

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

JUNE

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

JULY

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

AUGUST

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

SEPTEMBER

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

Water Resources Data for Louisiana

Water Year 1975

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-75-1

Prepared in cooperation with the Louisiana Department of Public Works and with other State and Federal agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

THOMAS S. KLEPPE, Secretary

GEOLOGICAL SURVEY

V. E. McKelvey, Director

Prepared in cooperation with

Louisiana Department of Public Works
Louisiana Department of Highways
Sabine River Compact Administration
Corps of Engineers, U.S. Army

For additional information write to
District Chief, Water Resources Division
U.S. Geological Survey
P.O. Box 66492
Baton Rouge, Louisiana 70806

1975

PREFACE

This report was prepared by the U.S. Geological Survey in cooperation with the State of Louisiana and with other agencies, by personnel of the Louisiana District of the Water Resources Division, under the direction of A. N. Cameron, District Chief, and Alfred Clebsch, Jr., Regional Hydrologist, Central Region.

This report is one of a series issued State by State under the general direction of J. S. Cragwall, Jr., Chief Hydrologist, and G. W. Whetstone, Assistant Chief Hydrologist for Scientific Publications and Data Management.

CONTENTS

	Page
Preface	III
List of surface-water stations, in downstream order, for which records are published	VII
List of water-quality stations, in downstream order, for which records are published	X
Introduction	1
Cooperation	2
Definition of terms	3
Special networks and programs	8
Downstream order and station number	10
Explanation of surface-water records	10
Collection and computation of data	10
Accuracy of data	15
Publications	15
Other data available	16
Explanation of water-quality records	16
Collection and examination of data	16
Solutes	17
Temperature	18
Sediment	19
Publications	19
Explanation of ground-water records	20
Collection of the data	20
Publications	21
Numbering system for wells and miscellaneous sites	22
Selected references	23
Section 1. Surface-water records	31
Gaging-station records	32
Discharge at partial-record stations	225
Crest-stage partial-record stations	225
Discharge measurements at miscellaneous sites	231
Flood-profile partial-record stations	237
Castor Creek seepage investigation	245
Spring Creek seepage investigation	246
Records for previously unpublished 1974 water year records	247
Section 2. Water-quality stations	249
Water-quality station records	250
Analyses of surface-water samples collected at miscellaneous sites	507
Section 3. Ground-water records	777
Ground-water levels	780
Index	811

ILLUSTRATIONS

		Page
Figure 1.	Map showing location of continuous gaging stations.....	27
2.	Map showing location of crest-stage stations.....	28
3.	Map showing location of water-quality stations.....	29
4.	Map showing location of observation wells.....	778
5.	Map showing location of observation wells in East Baton Rouge Parish.....	779

TABLES

		Page
Table 1.	Factors for conversion of chemical constituents in milligrams or micrograms per litre.....	6
2.	Degrees Fahrenheit (°F) to degrees (°C).....	18
3.	Factors for converting English units to International System (SI) units.....	26

Page

EASTERN GULF OF MEXICO BASIN
PEARL RIVER BASIN
Pearl River near Bogalusa..... 32
Bogue Lusa Creek at State Highway 439, at Bogalusa..... 36
Bogue Chitto near Tylertown, Miss..... 39
Bogue Chitto at Franklinton..... 40
Bogue Chitto near Bush..... 41
LOWER MISSISSIPPI RIVER BASIN
Mississippi River at Vicksburg, Miss..... 43
Mississippi River at Tarbert Landing, Miss..... 44
RED RIVER BASIN
Red River near Hosston..... 46
Cross Lake Bayou (head of Cross Bayou):
Paw Paw Bayou near Greenwood..... 47
Twelvemile Bayou (continuation of Cypress Creek):
Twelvemile Bayou near Dixie..... 49
Red River at Shreveport..... 51
Bayou Dorcheat (head of Loggy Bayou) near Springhill..... 53
Flat Lick Bayou near Leton..... 56
Bayou Dorcheat near Minden..... 58
Lake Bistineau (Bayou Dorcheat) near Ringgold..... 60
Flat River:
Bodcau Creek (head of Red Chute Bayou):
Bodcau Bayou (continuation of Bodcau Creek) near Sarepta.. 61
Cypress Bayou above Benton..... 63
Cypress Bayou near Benton..... 65
Cypress Bayou Lake near Benton..... 66
Loggy Bayou near Ninock..... 67
Bayou Pierre:
Wallace Bayou:
Boggy Bayou near Keithville..... 68
Saline Bayou near Lucky..... 70
Black Lake Bayou:
Grand Bayou near Coushatta..... 72
Black Lake Bayou near Clarence..... 74
Saline Bayou near Clarence..... 75
Nantachie Lake near Aloha..... 76
Cane River:
Old River:
Kisatchie Bayou:
Little Sandy Creek at Kisatchie..... 84
Red River at Alexandria..... 86
Larto Lake at Dam, near Acme..... 88
Ouachita River (head of Black River) near Arkansas-Louisiana State line..... 89

Page

LOWER MISSISSIPPI RIVER BASIN--Continued
RED RIVER BASIN--Continued
Ouachita River at Alabama Landing near Haile..... 91
Bayou Bartholomew near Jones..... 92
Bayou Bartholomew northwest of Jones..... 94
Chemin-a-Haut Bayou near Beekman..... 95
Bayou Bartholomew near Beekman..... 97
Bayou de Loutre near Laran..... 98
Lake Claiborne (Bayou D'Arbonne) near Aycock..... 100
Little Corney Bayou near Lillie..... 101
Bayou D'Arbonne Lake at Farmerville..... 103
Ouachita River at Monroe..... 104
Boeuf River near Arkansas-Louisiana State line..... 105
Boeuf River near Girard..... 107
Big Colewa Bayou (head of Big Creek) near Oak Grove..... 109
Big Colewa Bayou near Pioneer..... 111
Bayou Lafourche near Crew Lake..... 112
Bayou Lafourche near Alto..... 114
Turkey Creek at State Highway 15, at Winnsboro..... 115
Lake Providence (head of Tensas River) at Lake Providence.... 116
Roundaway Bayou:
Brushy Bayou at Tallulah..... 117
Lower Roundaway Bayou:
Lower Roundaway Bayou tributary near Tallulah..... 118
Tensas River at Tendal..... 119
Bayou Macon near Kilbourne..... 121
Bayou Macon near Delhi..... 122
Black River:
Castor Creek (head of Little River):
Dugdemona River near Jonesboro..... 124
Dugdemona River near Winnfield..... 125
Little River at Rochelle..... 127
Big Creek at Pollock..... 130
Black Bayou (head of Bayou Cocodrie):
Buckner Bayou:
Lake St. John near Waterproof..... 132
Bayou Cocodrie:
Lake Concordia near Ferriday..... 133
MISSISSIPPI RIVER DELTA
Tchefuncta River near Folsom..... 134
Tangipahoa River at Robert..... 136
Tickfaw River at Holden..... 138
Natalbany River at Baptist..... 140
Amite River near Darlington..... 142
Comite River near Olive Branch..... 144
Comite River near Comite..... 146

Page

MISSISSIPPI RIVER DELTA--Continued
Amite River near Denham Springs..... 148
Amite River at 4-H Camp, near Denham Springs..... 150
Bayou Lafourche at Donaldsonville..... 152
Bayou Lafourche at Thibodaux..... 154
Bayou Lafourche at Valentine..... 155
Bayou Lafourche at Golden Meadow..... 156
Atchafalaya River (continuation at Red River) at Simmesport..... 157
Bayou Boeuf:
Bayou Cocodrie:
Eliot Jones Canal at Greenwood..... 159
Bayou Courtableau (head of Bayou Teche):
Bayou Cocodrie:
Spring Creek near Glenmora..... 160
Cocodrie Lake near Clearwater..... 162
Bayou Cocodrie near Clearwater..... 163
Bayou Courtableau at Washington..... 166
West Protection Levee borrow pit channel:
Bayou des Glaises diversion channel at Moreauville..... 168
State Canal near Krotz Springs..... 170
Bayou Teche at Robin..... 171
Bayou Teche at Arnaudivlle..... 172
Bayou Teche at Keystone Lock, near St. Martinville..... 174
Vermilion River:
Ruth Canal near Ruth..... 176
Vermilion River at Surrey Street, at Lafayette..... 177
Vermilion River at State Highway 3073, near Lafayette..... 182

WESTERN GULF OF MEXICO BASINS
MERMENTAU RIVER BASIN
Bayou des Cannes (head of Mermentau River) near Eunice..... 187
Bayou Plaquemine Brule near Crowley..... 189
Bayou Nexpique:
Boggy Bayou near Pine Prairie..... 190
Bayou Nezpique near Basile..... 192
Bayou Nezpique at Mamou Pumping Plant, near Basile..... 194
Mermentau River:
Bayou Lacassine near Lake Arthur..... 195
CALCASIEU RIVER BASIN
Calcasieu River near Glenmora..... 196
Calcasieu River near Oberlin..... 198
Whiskey Chitto Creek near Oberlin..... 200
Bundick Creek near De Ridder..... 202
Calcasieu River near Kinder..... 204
Beckwith Creek (head of West Fork Calcasieu River) near De Quincy..... 206
Bear Head Creek (head of Houston River) near Starks..... 208

Page

WESTERN GULF OF MEXICO BASINS--Continued
SABINE RIVER BASIN
Sabine River at Logansport..... 210
Bayou Castor near Funston..... 211
Bayou Castor near Logansport..... 213
Toledo Bend Reservoir (Sabine River) near Burkeville, Tex..... 214
Sabine River at Toledo Bend Reservoir near Burkeville, Tex..... 215
Bayou Toro near Toro..... 216
Sabine River near Burkeville, Tex..... 218
Bayou Anacoco near Rosepine..... 219
Sabine River near Bon Wier, Tex..... 221
Hoosier Creek near Merryville..... 222
Sabine River near Ruliff, Tex..... 224
Discharge at partial-record stations and miscellaneous sites:
Crest-stage partial-record stations..... 225
Measurements at miscellaneous sites..... 231
Flood-profile partial-record stations..... 237
Castor Creek seepage investigation..... 245
Spring Creek seepage investigation..... 246
Records for previously unpublished 1974 water year records:
Ouachita River at Monroe..... 248

WATER-QUALITY STATIONS, IN DOWNSTREAM ORDER,
FOR WHICH RECORDS ARE PUBLISHED

Letters after station name designate type of data:
(c) chemical, (t) water temperature, (s) sediment

EASTERN GULF OF MEXICO BASIN
PEARL RIVER BASIN
Pearl River near Bogalusa (cts)..... 250
Pearl River at Pools Bluff, near Bogalusa (c)..... 259
Bogue Chitto near Bush (ct)..... 262
LOWER MISSISSIPPI RIVER BASIN
Mississippi River at Tarbert Landing, Miss (s)..... 266
RED RIVER BASIN
Red River near Hosston (ct)..... 271
Red River above Shreveport (c)..... 274
Red River at Coushatta (c)..... 287
Red River at Colfax (c)..... 291
Red River at Boyce (c)..... 292
Red River at Alexandria (cts)..... 298
Red River at Moncla (c)..... 305
Ouachita River (head of Black River):
Ouachita River at Monroe (c)..... 310

Page

LOWER MISSISSIPPI RIVER BASIN--Continued
RED RIVER BASIN--Continued
Ouachita River (head of Black River)--Continued:
Ouachita River at Columbia (c)..... 312
Tensas River at Tendal (ct)..... 315
Black River:
Little River near Rochelle (c)..... 320
Big Creek at Pollock (ct)..... 323
Mississippi River near St. Francisville (ct)..... 327
Mississippi River at Plaquemine (c)..... 333
Mississippi River at Union (c)..... 335
Mississippi River at Luling Ferry (c)..... 337
Mississippi River at New Orleans (municipal supply) (ct)..... 341
Mississippi River at Violet (c)..... 349
Mississippi River at Belle Chase (c)..... 353
Mississippi River at Venice (c)..... 355
MISSISSIPPI RIVER DELTA
Amite River at 4-H Club Road near Denham Springs (ct)..... 358
Pass Manchac near Ponchatoula (c)..... 364
Bayou Barataria at Lafitte (c)..... 365
Bayou Lafourche at LaRose (c)..... 366
Bayou Terrebonne at Houma (c)..... 370
Houma Navigation Canal at Crozier (c)..... 371
Houma Navigation Canal at Dulac (ct)..... 372
Atchafalaya River at Simmesport (cs)..... 379
Wax Lake Outlet at Calumet (c)..... 386
Lower Atahcafalaya River at Morgan City (c)..... 390
Bayou Teche at Keystone Lock, near St. Martinville (ct)..... 396
Bayou Teche near Oliver (ct)..... 400
Vermilion River at State Highway 3073, near Lafayette (ct)..... 404
Vermilion River at Perry (c)..... 411

ALPHABETICAL ORDER BY PARTS (Downstream order not assigned)
Atchafalaya Bay at Eugene Island, enar Morgan City (c)..... 412
Bayou Grand Caillou near Dulac (c)..... 415
Bayou Lafourche at Galliano (c)..... 416
Bayou Lafourche at Leeville (c)..... 417
Bayou Laloutre at Alluvial City at Yscloskey (c)..... 418
Bayou Petit Caillou near Boudreaux Canal near Dulac (c)..... 419
Bayou Teche at Charenton (c)..... 420
Bayou Terrebonne near Bourg (c)..... 421
Charenton Drainage Canal near Baldwin (c)..... 422
Chef Menteur Pass near Lake Borgne at Chef Menteur (c)..... 423
Freshwater Canal above Freshwater Bayou Lock (North), near Forked Island (c)..... 425

Page

MISSISSIPPI RIVER DELTA--Continued
ALPHABETICAL ORDER BY PARTS--Continued
Grand Lake northeast of Catfish Point Control Structure, near Grand Cheniere (c)..... 426
Intracoastal Waterway (Mi 220) at Gibbstown (c)..... 429
Intracoastal Waterway at NOPSI Plant near Paris Road, at New Orleans (c)..... 430
Intracoastal Waterway at Vermilion Lock (east), near Intracoastal City (c)..... 435
Intracoastal Waterway at Vermilion Lock (west), near Intracoastal City (c)..... 438
Lake Pontchartrain at GNO expressway bridge near New Orleans (c)..... 441
Lake Pontchartrain at Little Woods, at New Orleans (c)..... 446
Lake Pontchartrain at Mouth of Bayou Lacombe near Lacombe (c)..... 447
Lake Pontchartrain at Mouth of Tangipahoa River, near Lee Landing (c)..... 452
Lake Pontchartrain at Mouth of Tchefuncta River near Madisonville (c)..... 457
Lake Pontchartrain (IHN Canal) at New Orleans (c)..... 462
Lake Pontchartrain at North Shore, near Slidell (c)..... 467
Lake Pontchartrain at Pass Manchac, near Manchac (c)..... 470
Middle of Lake Maurepas near Manchac (c)..... 475
Rigolets near Lake Pontchartrain, near Slidell (c)..... 478
Schooner Bayou at Control Structure (east) near Forked Island (c)..... 480
Schooner Bayou at Control Structure (west) near Forked Island (c)..... 481
Vermilion Bay at Cypremont Point (c)..... 482
White Lake in northeast corner, near Little Prairie Ridge, and near Forked Island (c)..... 486
Mermentau River at Catfish Point Control (north) near Grand Cheniere (c)..... 489
Mermentau River at Catfish Point Control (south) near Grand Cheniere (c)..... 490
Calcasieu River at Lake Charles (ct)..... 491
Calcasieu River and Pass near Lake Charles (c)..... 495
Calcasieu Pass at St. John Island, near Cameron (c)..... 496
Calcasieu River at mile 40, at Lake Charles (c)..... 499
Calcasieu River Salt Water Barrier (east) at Lake Charles (c).. 502
Calcasieu River Salt Water Barrier (west) at Lake Charles (c).. 503
Intracoastal Waterway at Calcasieu Lock, near Grand Lake (c).. 504
WESTERN GULF OF MEXICO BASIN
SABINE RIVER BASIN
Bayou Anacoco near Knight (c)..... 505

Page

WESTERN GULF OF MEXICO BASIN--Continued
SABINE RIVER BASIN--Continued
Analyses of samples collected at miscellaneous sites:
Miscellaneous sites..... 507
Atchafalaya Basin..... 554
Samples collected during special studies..... 623
Mississippi River, mile 222 to mile 3.5 above Head of Passes (AHP)..... 749
Instantaneous suspended-sediment discharge..... 769
Suspended-sediment concentrations..... 771
Temperatures and dissolved oxygen of streams in Louisiana during 1975 water year..... 772
Ground-water records..... 777

WATER RESOURCES DATA FOR LOUISIANA, 1975

Section 1. Surface-Water Records
Section 2. Water-Quality Records
Section 3. Ground-Water Records

INTRODUCTION

Water resources data for the 1975 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality for wells. This report contains discharge records for 76 gaging stations; stage only records for 36 gaging stations; water quality for 79 continuous, daily or bi-weekly stations, 20 partial-record stations, and 6 wells; and water levels for 105 observation wells. Also included are data for 84 crest-stage partial-record stations and 114 flood-profile partial-record stations. Additional water data were collected at 433 various sites, not part of the systematic data-collection program, and are published as miscellaneous measurements. Records for a few pertinent stations in bordering States are also included in this report. 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.

Records of discharge (or stage) of streams, and contents (or stage) of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through water year 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled, "Ground-Water Levels in the United States."

Beginning with the 1961 water year and continuing through water year 1974, streamflow data have been released by the Geological Survey in annual reports on a State-boundary basis. Water-quality records, beginning with the 1964 water year, and ground-water data, beginning with the 1975 water year, have been similarly released either in separate reports or in conjunction with streamflow records. These reports provided rapid release of preliminary water data shortly after the end of the water year. The final data were then released in the water-supply paper series mentioned above. Beginning with the 1975 water year, water data will be released on a State-boundary basis in final form and will not be republished in the water-supply paper series. The 1975 and sebsequent water-year reports will be in a series which will carry an

identification number consisting of the two-letter State abrreviation, the last digits of the water year, and the volume number. For example, this report is identified as "U.S. Geological Survey Water-Data Report LA-75-1." These reports are for sale to the public for a nominal fee from the National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia, 22151. For more information on publications available, see "PUBLICATIONS" on pages 15, 19, and 21.

COOPERATION

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

Louisiana Department of Public Works, Roy Aguillard, director.

Louisiana Department of Highways, W. T. Taylor, director.

Sabine River Compact Administration, composed of W. H. Robinson, Federal representative and chairman; R. J. Palmer and D. V. Cresap for Louisiana; George Smith and J. M. Syler for Texas.

Assistance in the form of funds or services was provided by the Corps of Engineers, U.S. Army, and Environmental Protection Agency, in collection of records for 32 gaging stations and 78 water-quality stations published in this report.

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 of units (SI) on page 26.

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 metres.

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

Bacteria are microscopic unicellular organisms, typically spherical, rod-like, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, 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. These bacteria are defined as all the organisms which produce colonies with a

golden-green metallic sheen within 24 hours when incubated at 35°C ±1.0°C on M-Endo medium (nutrient medium for bacterial growth). Concentrations are expressed as number of colonies per 100 ml of sample.

Fecal coliform bacteria are bacteria that are present in the intestine or feces of warmblooded animals and are often used as indicators of the sanitary quality of the water. These bacteria are defined as all the organisms which produce blue colonies within 24 hours when incubated at 44.5°C ±0.2°C on M-FC medium (nutrient medium for bacterial growth). Concentrations are expressed as number of colonies per 100 ml of sample.

Fecal streptococcal bacteria are bacteria found also in the intestine of warmblooded animals. The presence of fecal streptococci in water is considered to verify fecal pollution. These bacteria are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C ±1.0°C on M-enterococcus medium (nutrient medium for bacterial growth). Concentrations are expressed as number of colonies per 100 ml of sample.

Biochemical oxygen demand (BOD) is the amount of oxygen required by bacteria while stabilizing decomposable organic matter under aerobic conditions.

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

Ashweight is the weight or amount of residue present after the residue from the dry weight determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hours. The ash weight values of zooplankton and phytoplankton are expressed in g/m^3 (grams per cubic metre), and periphyton and benthic organisms in g/m^2 (grams per square metre).

Dry weight refers to the weight of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the weight remains unchanged. This weight represents the total organic matter, ash and sediment, in the sample. Dry weight values are expressed in the same units as ash weight.

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

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

CFS-day 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, or about 646,000 gallons or 2,445 cubic metres. It represents a runoff of approximately 0.0372 inch from 1 square mile or 0.3468 millimetre from 1 square kilometre.

Chemical oxygen demand (COD) indicates the quantity of oxidizable compounds in water and varies with water composition(s), temperature, period of contact, and other factors.

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

Coliform organisms are a group of bacteria used as an indicator of the sanitary quality of the water. In this report the number of coliform colonies per 100 millilitres was determined by the immediate incubation membrane filter method.

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

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

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

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

Discharge is the volume of water (or more broadly, total fluids), that passes a given point within a given period of time.

Mean discharge is the arithmetic average of individual daily mean discharges during a specified period.

Instantaneous discharge is the discharge at a given time.

Dissolved refers to the amount of a substance present in true chemical solution. In practice, however, the term includes all forms of the substance that will pass through a 0.45-micrometre membrane filter, and thus may include some very small (colloidal) suspended particles.

Dissolved oxygen (DO)--The dissolved-oxygen content of water in equilibrium with air is a function of atmospheric pressure, and temperature and dissolved-solids content 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 effect. Photosynthesis and respiration may cause diurnal variations in dissolved-oxygen content in water from some streams.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or non-contributing areas, within the area unless otherwise noted.

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

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height or discharge 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. A gage used with a base gage to determine fall is called an "auxiliary" gage.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO^3$).

Herbicides are substances or a mixture of substances intended to control or destroy vegetation.

Insecticides are substances or a mixture of substances intended to prevent, destroy, or repel insects.

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

Micrograms per litre (UG/L, ug/l) is a unit expressing the concentration of chemical constituents in solution as the weight (micrograms) of solute per unit volume (litre) of water. One thousand micrograms per litre is equivalent to one milligram per litre.

Milligrams per litre (MG/L, mg/l) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per litre represents the weight of solute per unit volume of water. Milligrams or micrograms per litre may be converted to milliequivalents (one thousandth of a gram-equivalent weight of a constituent) per litre by multiplying by the factors in table 1, below. Concentration of suspended sediment also is expressed in mg/l, and is based on the weight of sediment per litre of water-sediment mixture. Sediment concentrations that are expressed in parts per million are considered equivalent to milligrams per litre for concentration ranges to be expected in Louisiana.

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

Table 1.--Factors for conversion of chemical constituents in milligrams or micrograms per litre to milliequivalents per litre

Ion	Multiply by	Ion	Multiply by
Aluminum (Al^{+3})*	0.11119	Lead (Pb^{+2})*	0.00965
Ammonia as NH_4^{+1}	.05544	Magnesium (Mg^{+2})	.08226
Bicarbonate (HCO_3^{-1})	.01639	Manganese (Mn^{+2})*	.03640
Calcium (Ca^{+2})	.04990	Nickel (NI^{+2})*	.03406
Carbonate (CO_3^{-2})	.03333	Nitrate (NO_3^{-1})	.01613
Chloride (Cl^{-1})	.02821	Nitrite (NO_2^{-1})	.02174
Chromium (Cr^{+6})*	.11539	Phosphate (PO_4^{-3})	.03159
Cobalt (Co^{+2})*	.03394	Potassium (K^{+1})	.02557
Cooper (Cu^{+2})*	.03148	Sodium (Na^{+1})	.04350
Cyanide (CN^{-1})	.03844	Sulfate (SO_4^{-2})	.02032
Fluoride (F^{-1})	.05264	Zinc (Zn^{+2})*	.03060
Iron (Fe^{+3})*	.05372		

*Constituent reported in micrograms per litre; multiply by factor and divide results by 1,000.

Periphyton is the assemblage of microorganisms attached to and growing upon solid surfaces. While primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms.

Pesticides include insecticides and herbicides.

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

Plankton is the floating (or weakly swimming) animal or plant life in a body of water consisting chiefly of minute plants (as diatoms and blue-green algae) and of minute animals (as protozoan, entomostracans, and various larvae).

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

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

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

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

Suspended-sediment discharge is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight, or by volume, that is discharged in a given time. It is computed by multiplying discharge times mg/l times 0.0027.

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 litre of water-sediment mixture (mg/l).

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

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

Specific conductance is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos per centimetre at 25°C. Because the specific conductance is related to the number and specific chemical types of ions in solution, it can be used for approximating the dissolved-solids content in the water. Commonly, the amount of dissolved solids (in milligrams per litre) is about 65 percent of the specific conductance (in micromhos per cm at 25°C). This relation is not constant from stream to stream or from well to well, and it may even vary in the same source with changes in the composition of the water.

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

Thermograph is a thermometer that continuously and automatically records, on a chart, the water temperature of a stream. "Temperature recorder" is the term used to indicate the presence of a thermograph or a digital mechanism that automatically records water temperatures on paper tape.

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

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

Total (as used in tables of chemical analyses) refers to the amount of a substance that is present both in solution and in suspension. Analyses are performed on representative samples of water-suspended sediment mixtures.

WRD is used as an abbreviation for "Water-Resources Data" in the summary REVISIONS paragraph to refer to previously published State annual basic-data reports.

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

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark 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 bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin. See Big Creek at Pollock, pages 130, 131, and 323-326.

National stream-quality accounting network is an accounting network designed by the U.S. Geological Survey to meet many of the information demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated in the network design. Areal configuration of the network is based on river-basin accounting in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in stream quality.

Pesticide network is a network of regularly sampled water-quality stations where additional monthly samples are collected to determine the concentration and distribution of pesticides in streams whose waters are used for irrigation or in streams in areas where potential contamination could result from the application of the commonly used insecticides and herbicides.

Pesticides are chemical compounds used to control the growth of undesirable plants and animals. Major categories of pesticides includes insecticides, miticides, fungicides, herbicides, and rodenticides. Since the first application of DDT as an insecticide there have been almost 60,000 pesticide formulations registered, each containing at least one of the approximately 800 different basic pesticide compounds. The United States annually produces about 1 billion pounds of these compounds. Although efforts are being made to replace many of the chlorinated hydrocarbon pesticides with more specific, fast acting, and easily degradable compounds, chlorinated hydrocarbon pesticides are still commonly used in many areas of the country.

Radiochemical program is a network of regularly sampled water quality stations where additional samples are collected monthly or twice a year (at high and low flow) to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

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 35 and 37, with the natural mixture having atomic weight 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 (Rose, 1966). There are 275 isotopes of the 81 stable elements in addition to over 800 radioactive isotopes.

Radioisotopes that are determined in this program are natural uranium in ug/l (micrograms per litre), radium as radium - 226 in PC/L, (pCi/l, picocuries per litre), gross beta radiation as equivalent strontium/yttrium-90 or cesium-137 in PC/L, and gross alpha radiation as

micrograms of uranium equivalent per litre (ug/l). Gross alpha and beta radioactivity associated with the fine grained (silt and clay sized) sediments in the samples are also determined.

A 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).

DOWNSTREAM ORDER AND STATION NUMBER

Stations are listed in a downstream direction along the main stream, and stations on tributaries are listed between stations on the main stream in the order in which those tributaries enter the main stream. Stations on tributaries entering above all mainstream stations are listed before the first mainstream station. Stations on tributaries to tributaries are listed in a similar manner. In the lists of gaging stations and water-quality stations in the front of this report the rank of tributaries is indicated by indention, each indention representing one rank.

As an added means of identification, each gaging station partial-record station, and water-quality station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and gaging stations; therefore, the station number for a partial-record station indicates downstream order position in a list made up of both types of stations. Water-quality stations located at or near gaging stations or partial-record stations have the same number as the gaging or partial-record station. Gaps are left in the numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station, such as 02489500, which appears just to the left of the station name includes the part number "02" plus the 6-digit downstream order number "489500." In this report the records are listed in downstream order by parts. The part number refers to an area whose boundaries coincide with certain natural drainage lines. Records in this report are in Part 2 (South Atlantic Slope and Eastern Gulf of Mexico basin), Part 7 (Lower Mississippi River basin) and Part 8 (Western Gulf of Mexico basin). All records for a drainage basin encompassing more than one State can be arranged in downstream order by assembling pages from the various State reports by station number to include all records in the basin.

EXPLANATION OF SURFACE WATER RECORDS

Collection and computation of data

The base data collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs. In addition, obser-

vations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at 15-, 30- or 60-minute intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey on the basis of experience in stream gaging since 1888. These methods are described in standard textbooks, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6. Surface areas of lakes or reservoirs are determined from instrument surveys using standard methods. The configuration of the reservoir bottom is determined by sounding at many points.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharge are computed from the daily figures. 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 computed by the shifiting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by 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.

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

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

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that is 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 on the basis of recorded range in stage, adjoining good record, discharge measurements, weather records, and comparison with other station records form the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, adjoining good record, inflow-outflow studies, and other information.

The data in this report generally comprises a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For one gaging station on a reservoir, a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations and for some reservoir stations. Records are published for the water year, which begins on October 1 and ends on September 30. A calendar for the current water year is shown on the inside of the back cover to facilitate finding the day of the week for any date.

The description of the gaging stations gives the location, drainage area, period of record, type and history of gages, average discharge, extremes of discharge or contents, general remarks, and notations of revisions of previously published records. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies (U.S. Water Resources Council, 1968). Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD." The type of gage currently in use, the datum of the present gage above mean sea level, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE." In references to datum of gage, the phrase "mean sea level" denotes "Sea Level Datum of 1929" as used by the Topographic Division of the Geological Survey unless otherwise qualified. The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE;" it is not given for stations having fewer than 5 complete years of record. For stations where changes in water development occurred during the period of record, "AVERAGE DISCHARGE" is given for both before and after development. The maximum discharge (or contents) and the maximum gage height, the minimum discharge if there is little or no regulation (or minimum contents) and the minimum gage height if it is significant are given under "EXTREMES."

The minimum daily discharge is given if there is extensive regulation (also the minimum discharge and gage height if they are abnormally low). In the first paragraph headed "Current year," the data given are for the complete current water year unless otherwise specified. In the second paragraph under "EXTREMES" headed "Period of record:" the data given are for the period of record given in "PERIOD OF RECORD" paragraph. Reliable information concerning major floods that occurred outside the period of record is given in the third or last paragraph under "EXTREMES." Unless otherwise qualified, the maximum discharge (or contents) corresponds to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur at the same time as the maximum discharge (or contents), it is given separately. Information pertaining to the accuracy of the discharge records, to conditions that affect the natural flow at the gaging station, and availability of Water Quality records, is given under "REMARKS;" for reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir, is also given under "REMARKS."

Previously published records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISIONS (WATER YEARS)" has been added to the description of all stations for which revised records have been published, each followed by the water years for which figures are revised in that report. In listing the water years one number is given; for instance, 1965 stands for the water year October 1 1964, to September 30, 1965. If no daily, monthly, or annual figures of discharge were revised, that fact is brought out by notations 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 revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

Skeleton capacity tables are published for all reservoirs for which records of contents are published on a daily basis.

The daily table for stream-gaging stations gives the 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, repsectively, for the month. Discharge for the month also may be 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, if the drainage area includes large noncontributing areas.

In the yearly summary below the monthly summary, the figures following "MAX: are the maximum daily discharges for the calendar and water years; likewise, those following "MIN" are the minimum daily discharges.

Footnotes to the table of daily discharges are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods becuase of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-discharge relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

Peak discharges and their time of occurrence and corresponding gage heights for many stations are listed below the yearly summary. All independent peaks above the selected base are given. The base discharge, which is given in parenthesis, is selected so that an average of about three peaks a year can be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subjected to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for some reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at partial-record stations and miscellaneous sites are given in three tables at the end of the surface-water records in this report. The first is a table of annual maximum stage and discharge at crest-stage stations, the second is a table of discharge measurements at miscellaneous sites, and the third is a table of peak elevations at flood-profile partial-record stations.

Accuracy of data

The accuracy of discharge 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 interpretation of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges are within 5 percent of true value; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily 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 for discharges of less than 1 ft^3/s; to tenths between 1.0 and 10 ft^3/s; to whole numbers between 10 and 1,000 ft^3/s and to 3 significant figures above 1,000 ft^3/s. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations and miscellaneous sites.

Discharge at some stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, or regulation by storage. For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless staisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control.

Publications

In each water-supply paper entitled, "Surface Water Supply of the United States" there is a list of numbers of preceding water-supply papers containing streamflow information for the area covered by that report. In addition, there is a list of numbers of water-supply papers containing detailed information on major floods in the area.

Four series of summary reports entitled, "Compilation of Records of Surface Waters of the United States" have been published; the first series covers the entire period of record through September 1950, the second series covers the period of October 1950 to September 1960, the third series covers the period October 1960 to September 1965, and the

fourth series covers the period October 1965 to September 1970. These reports contain summaries of monthly and annual discharge and monthend storage for all previously published records, as well as some records not contained in the annual series of water-supply papers. All records were reexamined and revised where warranted. Estimates of discharge were made to fill short gaps whenever practical. The yearly summary table for each gaging station lists the numbers of the water-supply papers in which daily records were published for that station. Records for stations in Louisiana are compiled in Water-Supply Papers 1304, 1311, and 1312 through September 1950; in 1724, 1731, and 1732 for October 1950 to September 1960; in 1906, 1920, and 1922 for October 1960 to September 1965; and in 2106, 2120, and 2122 for October 1965 to September 1970.

Special reports on major floods or droughts or of other hydrologic studies for the area have been issued in publications other than water-supply papers. Information relative to these reports may be obtained from the district office.

Other data available

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

EXPLANATION OF WATER QUALITY RECORDS

Collection and examination of data

Water samples for analyses usually are collected at or near gaging stations. The discharge records at these stations are used in conjunction with the computations of the chemical constituents and sediment loads in this report.

Water-quality information is presented for chemical, biological, and microbiological quality, water temperature, and fluival sediment. Chemical quality includes concentrations of individual dissolved constituents and certain properties or characteristics such as hardness, specific conductance, and pH. The biological information includes qualitative analyses of plankton, bottom organisms, and particulate inorganic and amorphous matter present. Microbiological information includes quantitative identification of certain bacteriological indicator organisms. Water temperature was measured at the time of collection of most samples. At some sites a continuous temperature recorder (thermograph) furnished information from which daily minimums and maximums were obtained; at some sites once-daily temperatures were obtained. Fluvial-sediment information is given for suspended-sediment discharges and concentrations and for particle-size distribution of suspended sediment and bed material.

Prior to the 1968 water year, data for chemical constituents and concentration of suspended sediment were reported in parts per million (ppm) and water temperatures were reported in degrees Fahrenheit (°F). In October 1967 the Geological Survey began reporting data for chemical constituents and concentrations of suspended sediment in milligrams per litre (mg/l) and water temperatures in degrees Celsius. In waters with a density of 1.000 g/ml (grams per millilitre), parts per million and milligrams per litre are equivalent. Temperatures reported in degrees Celsisus may be converted to degrees Fahrenheit by using table 2, p. 18.

In October 1968, the Geological Survey began reporting many of the chemical constituents as well as the minor elements in micrograms per litre instead of milligrams per litre. (See "Definition of Terms," p. 5 and table for converting English Units to SI Units, p. 26.

Solutes

Most methods for collecting and analyzing water samples to determine the kinds and concentrations of solutes are described in U.S. Geological Survey Techniques of Water Resources Investigations, book 5, chapter A1. Analytical methods for pesticides, herbicides, and organic substances in water are described in the Survey's Techniques of Water Resources Investigations, book 5, chapter A3 and in Water Supply Paper 1817. The collection and analysis of aquatic, biological, and microbiological samples are described in the Survey's Techniques of Water Resources Investigations, book 5, chapter A4.

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.

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 the reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is probably 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 published consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly values beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the U.S. Geological Survey district office at the address given on the back of the title page of this report.

Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for surface-water stations. At sites at which daily samples are taken the water temperature is taken about the same time each day. Large streams have a small diurnal temperature change while small, shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where continuously recording thermographs are present, the records published consist of maximum and minimum temperatures for each day and the monthly averages.

Table 2.--Degrees Celsius (°C) to degrees Fahrenheit (°F)*
(Temperature reported to nearest 0.5°C)

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
0.0	32	10.0	50	20.0	68	30.0	86	40.0	104
.5	33	10.5	51	20.5	69	30.5	87	40.5	105
1.0	34	11.0	52	21.0	70	31.0	88	41.0	106
1.5	35	11.5	53	21.5	71	31.5	89	41.5	107
2.0	36	12.0	54	22.0	72	32.0	90	42.0	108
2.5	36	12.5	54	22.5	72	32.5	90	42.5	108
3.0	37	13.0	55	23.0	73	33.0	91	43.0	109
3.5	38	13.5	56	23.5	74	33.5	92	43.5	110
4.0	39	14.0	57	24.0	75	34.0	93	44.0	111
4.5	40	14.5	58	24.5	76	34.5	94	44.5	112
5.0	41	15.0	59	25.0	77	35.0	95	45.0	113
5.5	42	15.5	60	25.5	78	35.5	96	45.5	114
6.0	43	16.0	61	26.0	79	36.0	97	46.0	115
6.5	44	16.5	62	26.5	80	36.5	98	46.5	116
7.0	45	17.0	63	27.0	81	37.0	99	47.0	117
7.5	45	17.5	63	27.5	81	37.5	99	47.5	117
8.0	46	18.0	64	28.0	82	38.0	100	48.0	118
8.5	47	18.5	65	28.5	83	38.5	101	48.5	119
9.0	48	19.0	66	29.0	84	39.0	102	49.0	120
9.5	49	19.5	67	29.5	85	39.5	103	49.5	121

*C = 5/9 (°F - 32) or °F = 9/5 (°C) + 32.

Sediment

At one station suspended-sediment samples are collected daily with a depth-intergrating cable-suspended sampler from a fixed sampling point. Depth-intergrated samples are collected periodically at many verticals in the cross section to determine the ration of the cross-sectional distribution of the concentration of suspended sediment to the daily sampling vertical. During periods of 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 sub-divided 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 sub-divided day method. For periods when no samples are collected, daily loads of suspended sediment are estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

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

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

Publications

The annual series of water-supply papers that give information on quality of surface waters in Louisiana are listed below. Data for the South Atlantic slope and Eastern Gulf of Mexico basins are given in Part 2, for the Lower Mississippi River basin in Part 7, and for the Western Gulf of Mexico basins in Part 8.

Year	Part number 2	7-8	Year	Part number 2	7-8
1941	942	942	1955	1400	1402
1942	950	950	1956	1450	1452
1943	970	970	1957	1520	1522
1944	1022	1022	1958	1571	1573
1945	1030	1030	1959	1641	1644
1946	1050	1050	1960	1741	1744
1947	1102	1102	1961	1881	1884
1948	1132	1133	1962	1941	1944
1949	1162	1163	1963	1947	1950
1950	1186	1188	1964	1954	1957
1951	1197	1199	1965	1961	1964
1952	1250	1252	1966	1991	1994
1953	1290	1292	1967	2011	2014
1954	1350	1352			

Year	Part number 2	7	8
1968	2092	2096	*2097
1969	*2142	*2146	*2147
1970	*2152	*2156	*2157

* In press.

EXPLANATION OF GROUND-WATER RECORDS

Collection of the data

Ground-water level data from a basic national network of observation wells are published herein. Also included is the water-quality data for wells in this network. The water-level measurements are intended to provide a sampling and historical record of water-level changes in the nation's most important aquifers. Beginning in 1976, the Louisiana District plans to publish all pertinent records for the ground water-level and ground water-quality networks. In addition plans call for publishing data omitted from this report with the 1976 data.

Each well is identified by means of (1) a 15-digit number that is based on the grid system of latitude and longitude as shown on page 22, and (2) a local number that is provided for continuity with older reports and for other use as dictated by local needs.

Measurements 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 insure that measurements at each well are of consistent accuracy and reliability.

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. The altitude of the land-surface datum with reference to mean sea level is given in the well description. Altitudes with zeros in the tenths and hundredths columns are generally accurate only to about the nearest foot. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels for wells equipped with recording gages are reported for every fifth day, the end of each month (EOM), and for dates when check measurements were made.

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

Publications

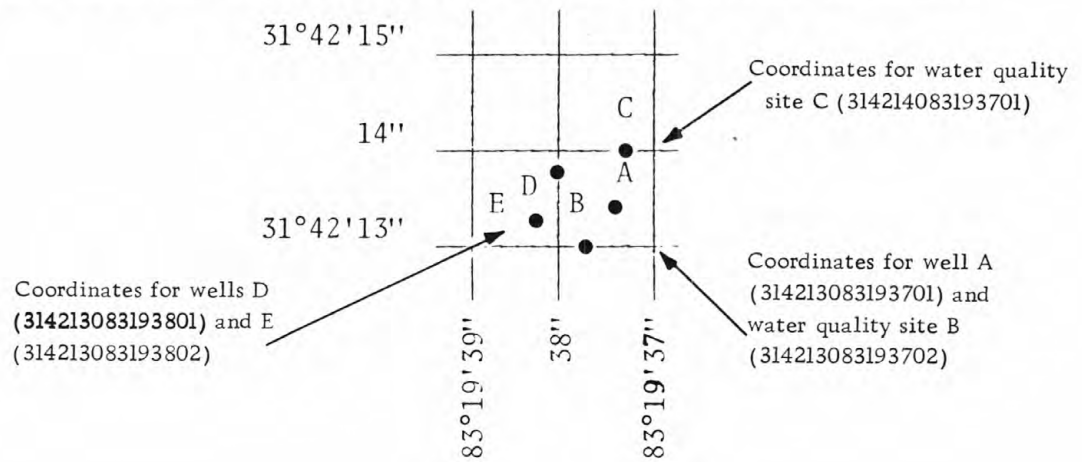
Publication of ground-water level data for the United States in Water-Supply Papers was begun by the Geological Survey in 1935. From 1935 through 1939, a single Water-Supply Paper for each year covering the entire nation was issued (Water-Supply Papers 777, 817, 840, 845, and 886). From 1940 through 1974, separate Water-Supply Papers were issued for 6 sections of the United States. Water-level data for Louisiana are in the Water-Supply Papers listed below, each report containing data for one or more calendar years (January-December). Data in this report are for the 12-month water year ending September 30, 1975.

Calendar year	WSP No.	Calendar year	WSP No.	Calendar year	WSP No.	Calendar year	WSP No.
1935	777	1942	947	1949	1159	1956-59	1549
1936	817	1943	989	1950	1168	1960-64	1824
1937	840	1944	1019	1951	1194	1965-69	1979
1938	845	1945	1026	1952	1224	1970-74	--
1939	886	1946	1074	1953	1268	(In preparation)	
1940	909	1947	1099	1954	1324		
1941	939	1948	1129	1955	1407		

Water-level data for wells measured during the period 1971-74 have been published recently as Louisiana Water Resources Basic Data Report No. 7, "Ground-water levels in Louisiana for wells measured through 1974." This report includes water levels for 599 "currently measured" wells in 54 parishes for the entire period of record. Information about other reports and other data on ground water in Louisiana may be obtained from the district office, at the address given on the back of the title page.

NUMBERING SYSTEM FOR WELLS AND WATER QUALITY SITES

The well and water quality site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or water quality site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits is a sequential number for wells within a 1-second grid. In the event that the latitude-longitude coordinates for a well and a water-quality site are the same, assign sequential numbers "01," "02," etc. as one would for wells. See figure below. (At a few locations, the 15-digit station identification number and the latitude-longitude are different. In these cases the latitude-longitude gives the correct location.)



System for numbering wells and water quality sites (latitude and longitude)

SELECTED REFERENCES

American Public Health Association, and others, 1971, Standard methods for the examination of water and wastewater, 13th ed.: Am. Public Health Assoc., New York, 874 p.

Barker, F. B., and Johnson, J. O., 1964, Determination of radium in water: U.S. Geol. Survey Water-Supply Paper 1696-B, 29 p.

Barker, F. B., and others, 1965, Determination of uranium in natural water: U.S. Geol. Survey Water-Supply Paper 1696-C, 25 p.

Barker, F. B., and Robinson, B. P., 1963, Determination of beta activity in water: U.S. Geol. Survey Water-Supply Paper 1696-A, 32 p.

Brown, Eugene, Skougstad, M. W., and Fishman, M. J., 1970, Methods for collection and analysis of water samples for dissolved minerals and gages: U.S. Geol. Survey Techniques of Water-Resources Inv., book 5, chap. A1, 160 p.

Carter, R. W., and Davidian, Jacob, 1968, General procedures for gaging streams: U.S. Geol. Survey Techniques of Water-Resources Inv., book 3, chap. A6, 13 p.

Colby, B. R., 1963, Fluvial sediments--a summary of source, transportation, deposition, and measurement of sediment discharge: U.S. Geol. Survey Bull. 1181-A, 47 p.

Colby, B. R., and Hubbell, D. W., 1961, Simplified methods for computing total sediment discharge with the modified Einstein procedure: U.S. Geol. Survey Water-Supply Paper 1593, 17 p.

Corbett, D. M., and others, 1943, reprinted 1957, Stream-gaging procedures, a manual describing methods and practices of the Geological Survey: U.S. Geol. Survey Water-Supply Paper 888, 245 p.

Federal Interagency Work Group on Designation of Standards for Water Data Acquisition, 1972, Recommended Methods for Water-Data Acquisition: U.S. Dept. of Interior, Geol. Survey, Office of Water Data Coordination, 6 chap.

Goerlitz, D. F., and Brown, Eugene, 1972, Methods for analysis of organic substances in water: U.S. Geol. Survey Techniques of Water-Resources Inv., book 5, chap. A3, 40 p.

Goerlitz, D. F., Lamar, W. L., 1967, Determination of phenoxy acid herbicides in water by electron-capture and microcoulometric gas chromatography: U.S. Geol. Survey Water-Supply Paper 1817-C, 21 p.

Guy, H. P., 1969, Laboratory theory and methods for sediment analysis: U.S. Geol. Survey Techniques of Water-Resources Inv., book 5, chap. C1, 57 p.

Guy, H. P., 1970, Fluvial sediment concepts: U.S. Geol. Survey Techniques of Water-Resources Inv., book 3, chap. C1, 55 p.

Guy, H. P., and Norman, V. W., 1970, Field methods for measurement of fluvial sediment: U.S. Geol. Survey Techniques of Water-Resources Inv., book 3, chap. C2, 59 p.

Hem, J. D., 1971, Study and interpretation of the chemical characteristics of natural water - 2d ed.: U.S. Geol. Survey Water-Supply Paper 1473, 363 p.

Lamar, W. L., Goerlitz, D. F., and Law, L. M., 1965, Identification and measurement of chlorinated organic pesticides in water by electron-capture gas chromatography: U.S. Geol. Survey Water-Supply Paper 1817-B, 12 p.

Langbein, W. B., and Iseri, K. T., 1960, General introduction and hydrologic definitions: U.S. Geol. Survey Water-Supply Paper 1541-A, 29 p.

Page, C. H., and Vigoureaux, Paul, eds., 1972, The International System of Units (SI): U.S. Natl. Bur. Standards Spec. Pub. 330, p. 13, 15.

Porterfield, George, 1972, Computations of fluvial sediment discharges: U.S. Geol. Survey Techniques of Water Resources Inv., book 3, chap. C3, 66 p.

Ritter, J. R., and Helley, E. J., 1969, Optical methods for determining particle sizes of coarse sediment: U.S. Geol. Survey Techniques of Water-Resources Inv., book 5, chap. C3, 33 p. (open file).

Slack, K. V., and others, 1973, Methods for collection and analysis of aquatic, biological and microbiological samples: U.S. Geol. Survey Techniques of Water Resources Inv., book 5, chap. A4, 165 p.

U.S. Inter-Agency Committee on Water Resources, Subcommittee on Sedimentation, A study of methods used in measurement and analysis of sediment loads in streams. Published by the St. Anthony Falls Hydraulic Laboratory, Minneapolis, Minn.

_____1941, Methods of analyzing sediment samples: Rept. 4.

_____1953, Accuracy of sediment size analyses made by the bottom-withdrawal-tube method: Rept. 10.

_____1957, Some fundamentals of particle size analysis: Rept. 12.

U.S. Inter-Agency Committee on Water Resources, Subcommittee on Sedimentation, A study of methods used in measurement and analysis of sediment loads in streams. Published by the St. Anthony Falls Hydraulic Laboratory, Minneapolis, Minn.

_____1959, Federal Inter-agency sedimentation instruments and reports: Rept. AA.

_____1961, The single stage sampler for suspended sediment: Rept. 13.

_____1963, Determinations of fluvial sediment discharge: Rept. 14.

U.S. Water Resources Council, 1968, River mileage measurements: Washington, D.C., Hydrology Comm. Bull. 14, 17 p.

Table 3.--Factors for converting English units to International System units (SI)

The following factors may be used to convert the English units published herein to the International System of Units (SI). Subsequent reports will contain both the English and SI unit equivalents in the station manuscript descriptions until such time that all data will be published in SI units.

Multiply English units	By	To obtain SI units
	Length	
inches (in)	25.4	millimetres (mm)
	.0254	metres (m)
feet (ft)	.3048	metres (m)
yards (yd)	.9144	metres (m)
rods	5.0292	metres (m)
miles (mi)	1.609	kilometres (km)
	Area	
acres	4047	square metres (m^2)
	.4047	*hectares (ha)
	.4047	square hectometres (hm^2)
	.004047	square kilometres (km^2)
square miles (mi^2)	2.590	square kilometres (km^2)
	Volume	
gallons (gal)	3.785	**litres (l)
	3.785	cubic decimetres (dm^3)
	3.785×10^{-3}	cubic metres (m^3)
million gallons (10^6 gal)	3785	cubic metres (m^3)
	3.785×10^{-3}	cubic hectometres (hm^3)
cubic feet (ft^3)	28.32	cubic decimetres (dm^3)
	.02832	cubic metres (m^3)
cfs-days [(ft^3/s) · d]	2447	cubic metres (m^3)
	2.447×10^{-3}	cubic hectometres (hm^3)
acre-feet (acre-ft)	1233	cubic metres (m^3)
	1.233×10^{-3}	cubic hectometres (hm^3)
	1.233×10^{-6}	cubic kilometres (km^3)
	Flow	
cubic feet per second (ft^3/s)	28.32	litres per second (l/s)
	28.32	cubic decimetres per second (dm^3/s)
	.02832	cubic metres per second (m^3/s)
gallons per minute (gpm)	.06309	litres per second (l/s)
	.06309	cubic decimetres per second (dm^3/s)
	6.309×10^{-5}	cubic metres per second (m^3/s)
million gallons per day (mgd)	43.81	cubic decimetres per second (dm^3/s)
	.04381	cubic metres per second (m^3/s)
	Mass	
tons (short)	.9072	tonnes (t)

*The unit hectare is approved for use with the International System (SI) for a limited time. See NBS Special Bulletin 330, p.15, 1972 edition.

**The unit liter is accepted for use with the International System (SI). See NBS Special Bulletin 330, p. 13, 1972 edition.

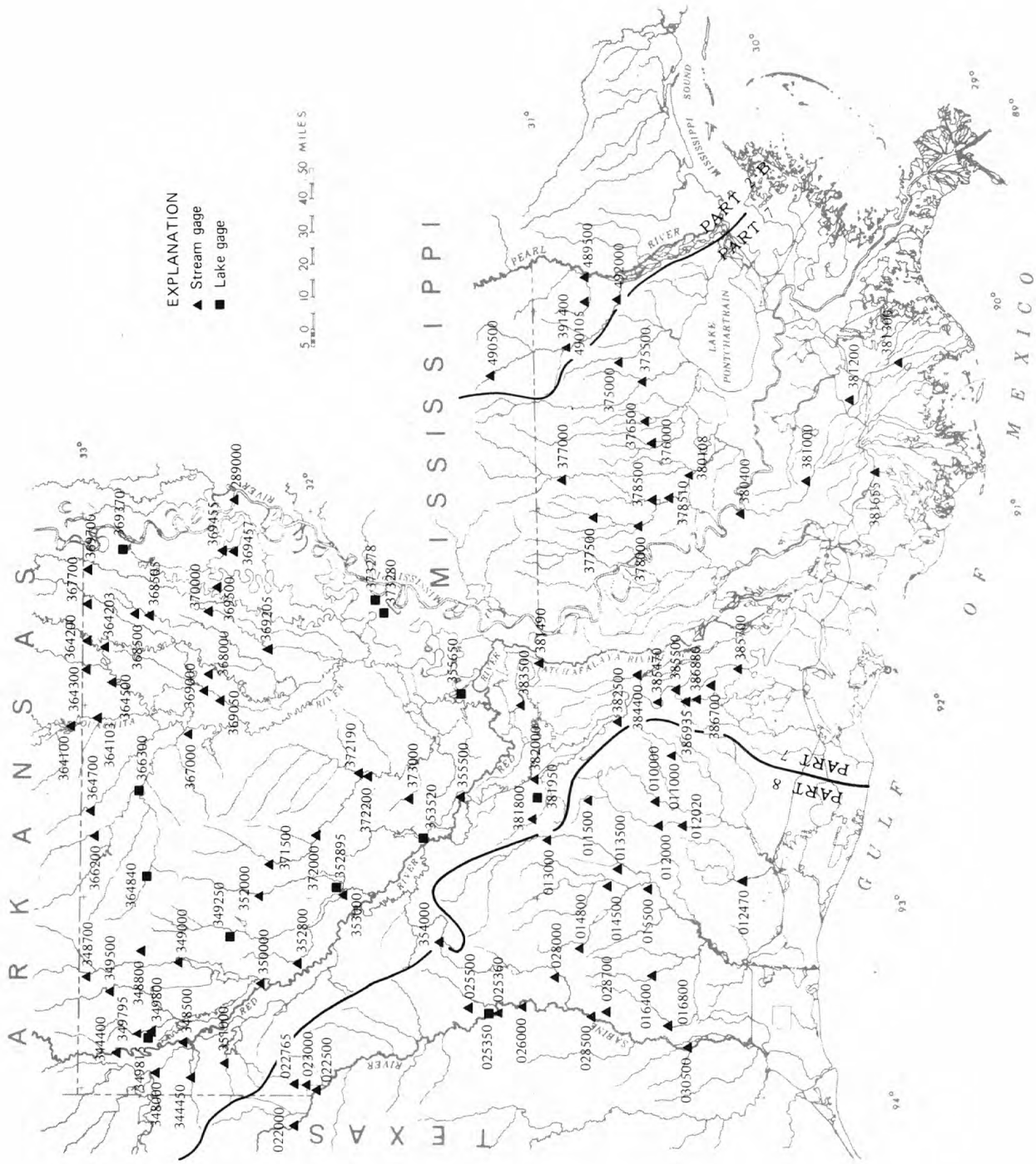


Figure 1.- Map showing location of continuous gaging stations in Louisiana.

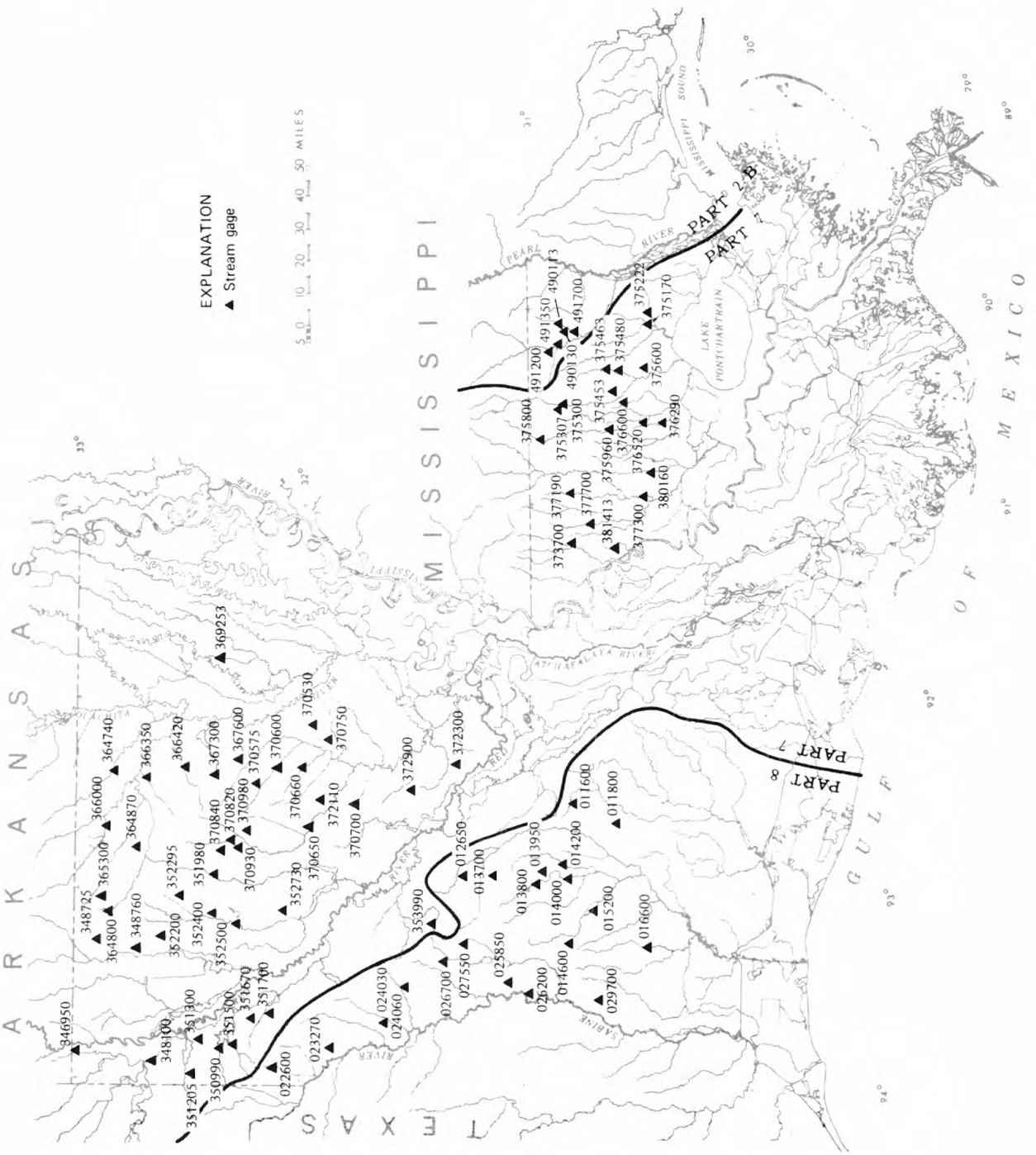


Figure 2.- Map showing location of crest-stage partial-record stations in Louisiana.

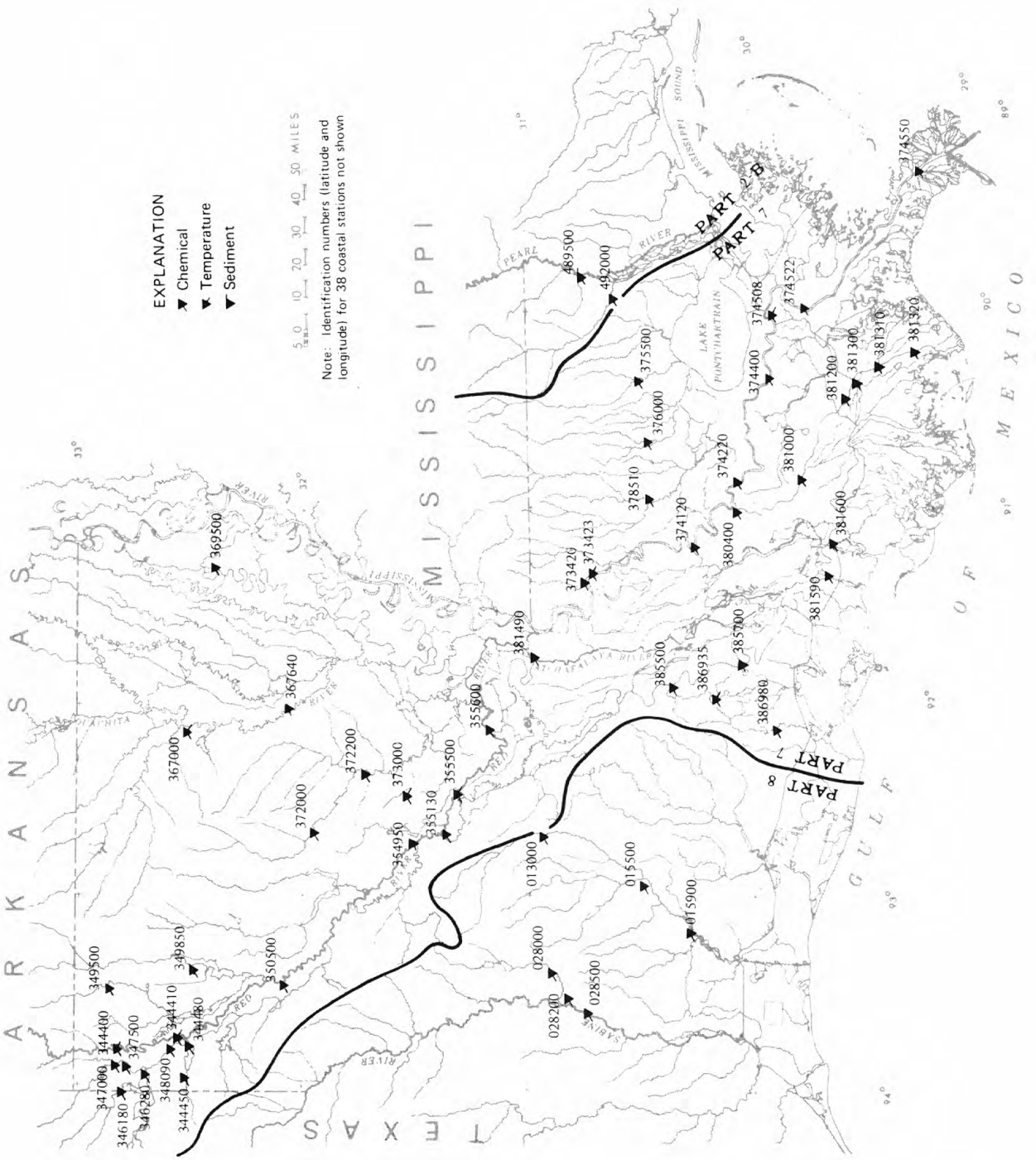


Figure 3.- Map showing location of water-quality stations in Louisiana.

SECTION 1. SURFACE WATER RECORDS

PEARL RIVER BASIN

02489500 Pearl River near Bogalusa, La.

LOCATION.--Lat 30°47'35", long 89°49'15", on line between secs. 17 and 18, T.3 S., R.14 E., Washington Parish, near right bank on downstream side of bridge on State Highway 10, 2.0 mi (3.2 km) east of Bogalusa, and 2.0 mi (3.2 km) upstream from Bogue Lusa Creek.

DRAINAGE AREA.--6,630 mi^2 (17,170 km^2), approximately.

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

GAGE.--Water-stage recorder. Datum of gage is 55.00 ft (16.764 m) above mean sea level (levels by Corps of Engineers). Prior to July 29, 1954, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--37 years, 9,263 ft^3/s (262.3 m^3/s), 18.97 in/yr (481.8 mm/yr).

EXTREMES.--Current year: Maximum discharge, 55,800 ft^3/s (1,580 m^3/s) May 12 (gage height, 20.38 ft or 6.212 m); minimum, 2,660 ft^3/s (75.3 m^3/s) Oct. 14 (gage height, 8.15 ft or 2.484 m).
Period of record: Maximum discharge, 99,000 ft^3/s (2,804 m^3/s) Apr. 17, 1974 (gage height, 22.13 ft or 6.745 m); minimum, 1,020 ft^3/s (28.9 m^3/s) Oct. 29 to Nov. 1, 1963; minimum gage height, 4.84 ft (1.475 m) Oct. 30, 31, 1963.
Flood of Apr. 11, 1938, reached a stage of 21.0 ft (6.40 m).

REMARKS.--Records good. See following pages for tables of daily gage height for water years 1970-75. Records of chemical analyses, water temperatures, and suspended-sediment loads for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,850	4,050	7,720	36,000	17,200	36,000	36,900	10,000	7,480	5,360	10,100	6,020
2	4,200	3,660	7,080	36,500	15,600	35,800	34,600	14,900	7,570	6,460	15,200	5,360
3	4,630	3,550	6,730	36,000	14,400	35,000	30,700	19,600	7,920	6,080	20,700	4,940
4	3,940	3,570	6,340	35,200	13,000	34,500	25,100	25,000	8,490	5,780	25,100	4,470
5	3,320	3,580	5,800	33,700	12,000	33,700	21,300	30,100	8,930	5,310	27,700	4,120
6	3,010	3,540	5,840	32,500	11,900	32,700	19,800	33,700	8,840	5,010	29,200	4,300
7	2,950	3,460	7,090	32,200	12,400	28,400	17,800	35,800	8,390	4,510	29,000	5,780
8	2,910	3,400	10,500	36,100	13,500	19,100	15,800	38,600	9,340	4,150	28,400	6,200
9	2,890	3,340	15,700	42,700	14,200	12,800	14,600	43,300	10,200	4,140	28,000	6,960
10	2,860	3,250	19,100	47,400	14,600	9,540	14,100	47,000	12,700	4,180	27,800	6,910
11	2,840	3,230	22,500	47,400	14,700	8,210	13,900	53,100	15,600	3,940	27,300	6,860
12	2,820	3,720	25,200	46,100	14,900	7,570	13,500	55,600	16,800	3,980	26,400	6,360
13	2,770	3,740	25,600	44,800	15,000	7,340	13,000	53,300	16,500	4,630	25,700	5,440
14	2,690	3,140	23,600	44,400	15,000	8,370	16,100	49,900	16,000	5,770	24,300	4,890
15	2,810	2,910	20,000	44,200	14,800	10,200	28,900	47,000	13,900	6,780	22,400	4,420
16	3,340	2,820	18,100	43,700	14,300	13,900	29,300	44,000	12,400	6,380	19,300	3,980
17	3,230	2,770	16,500	42,500	15,500	17,800	26,600	40,400	12,100	5,580	16,300	3,700
18	3,580	2,950	14,100	40,800	22,500	21,900	23,100	37,300	12,100	5,060	13,800	3,960
19	3,970	3,650	11,800	38,600	31,000	29,800	21,300	35,400	12,200	4,700	11,900	4,160
20	3,940	5,460	10,400	36,500	34,800	34,100	19,900	34,600	11,900	4,300	11,000	3,660
21	3,780	9,420	9,490	34,300	36,700	34,300	19,000	33,600	11,500	4,020	9,880	3,430
22	3,600	9,330	8,420	32,000	37,100	33,600	18,100	31,800	10,900	3,760	8,960	3,370
23	3,420	7,790	8,110	30,700	36,700	33,600	17,200	27,800	11,300	4,030	7,930	3,350
24	3,200	6,790	8,360	30,200	36,000	34,300	16,500	20,700	11,200	4,510	7,030	3,350
25	2,920	6,750	8,600	31,000	36,000	35,000	15,800	15,200	9,560	4,920	6,490	3,330
26	2,720	7,430	13,600	33,700	35,600	36,000	14,900	11,400	7,720	5,540	6,090	3,340
27	2,730	7,830	18,600	36,500	35,600	36,900	13,500	9,120	6,510	5,680	6,100	3,440
28	2,790	7,920	23,300	34,100	35,800	37,700	12,100	7,720	5,960	5,360	6,200	3,440
29	3,040	7,890	28,700	30,700	------	38,400	10,400	7,180	5,360	5,420	6,420	3,350
30	4,830	7,860	32,400	26,400	------	38,800	9,140	7,290	5,140	6,780	6,680	3,300
31	4,950	------	35,000	20,300	------	38,200	------	7,480	------	8,490	6,520	------
TOTAL	104,530	148,800	474,280	1,137,2M	620,800	833,530	582,940	927,890	314,510	160,610	517,90	136,190
MEAN	3,372	4,960	15,300	36,680	22,170	26,890	19,430	29,930	10,480	5,181	16,71	4,540
MAX	4,950	9,420	35,000	47,400	37,100	38,800	36,900	55,600	16,800	8,490	29,200	6,960
MIN	2,690	2,770	5,800	20,300	11,900	7,340	9,140	7,180	5,140	3,760	6,090	3,300
CFSM	.51	.75	2.31	5.53	3.34	4.06	2.93	4.51	1.58	.78	2.52	.68
IN.	.59	.83	2.66	6.38	3.48	4.68	3.27	5.21	1.76	.90	2.91	.76

CAL YR 1974 TOTAL 6,311,530 MEAN 17,290 MAX 94,900 MIN 2,590 CFSM 2.61 IN 35.41
WTR YR 1975 TOTAL 5,959,180 MEAN 16,330 MAX 55,600 MIN 2,690 CFSM 2.46 IN 33.44

02489500 Pearl River near Bogalusa, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.57	10.44	8.05	15.37	13.48	18.07	18.68	13.51	15.52	10.12	14.02	8.06
2	6.46	11.03	7.81	16.36	13.03	18.61	18.55	12.82	13.10	10.44	15.50	7.86
3	6.20	10.82	7.69	16.49	12.48	19.11	18.36	13.11	11.78	11.05	15.83	8.09
4	5.97	9.82	7.65	16.31	12.08	19.30	18.22	13.74	11.16	11.92	15.95	8.61
5	5.82	9.17	7.78	16.36	12.10	19.36	18.20	14.19	10.75	12.00	15.90	9.03
6	5.72	9.17	7.72	16.60	12.42	19.41	18.18	14.41	10.49	10.96	15.78	9.37
7	6.32	8.82	7.50	16.12	13.43	19.48	17.86	14.65	10.33	9.68	15.66	9.24
8	7.65	8.37	7.32	15.60	15.14	19.53	17.18	15.10	10.01	9.14	15.41	8.92
9	7.84	8.11	7.25	15.12	15.78	19.55	16.37	15.68	10.12	9.00	14.83	8.71
10	7.13	8.11	7.29	14.30	15.68	19.60	15.83	16.13	10.54	9.14	14.10	8.51
11	6.52	8.13	7.31	13.50	15.38	19.60	15.40	15.90	10.11	9.20	13.44	8.74
12	6.56	7.97	7.51	13.15	15.02	19.59	14.79	16.07	9.73	9.10	13.47	9.81
13	8.74	7.71	8.45	12.76	15.38	19.58	14.06	17.87	9.28	8.82	13.45	9.98
14	12.08	7.90	8.57	12.18	15.90	19.52	13.34	18.62	9.06	8.55	12.74	9.03
15	13.75	9.00	8.22	11.74	16.43	19.49	12.85	18.88	8.84	8.31	11.78	8.31
16	14.63	9.83	10.55	11.64	16.57	19.45	12.33	18.95	8.50	8.15	11.08	8.85
17	14.27	10.86	12.88	12.34	16.25	19.40	11.47	19.02	8.35	7.95	10.65	11.56
18	13.25	10.60	12.64	13.65	15.73	19.35	10.60	19.06	8.65	7.85	10.25	13.83
19	12.34	9.70	11.42	14.37	15.24	19.33	10.12	19.10	8.27	7.98	9.80	16.79
20	11.75	9.08	10.39	14.30	15.17	19.31	10.02	19.12	8.20	7.95	9.35	17.66
21	12.14	9.16	9.86	13.80	15.27	19.32	10.22	19.22	8.30	9.78	8.62	17.72
22	13.70	9.80	9.85	13.30	15.25	19.34	11.14	19.33	8.24	11.80	8.20	16.74
23	14.56	10.48	9.80	13.18	16.50	19.34	12.20	19.37	8.43	10.40	8.26	15.04
24	14.56	10.85	9.88	13.65	17.15	19.30	13.73	19.35	8.68	9.28	8.34	13.67
25	14.30	10.80	10.43	13.12	17.35	19.20	15.20	19.35	9.15	9.47	8.20	13.33
26	14.18	10.60	10.40	11.98	17.29	18.92	16.25	19.35	9.00	9.85	7.98	13.43
27	13.86	10.39	10.63	11.75	17.38	18.36	16.42	19.39	8.93	9.94	7.86	12.83
28	13.29	9.95	10.71	13.62	17.69	17.99	15.97	19.39	9.60	10.10	7.70	12.22
29	12.20	9.27	10.87	14.52	------	18.12	15.20	19.35	9.53	10.05	7.39	11.83
30	11.17	8.55	13.22	14.19	------	18.44	14.34	19.18	9.85	10.75	7.23	11.48
31	10.50	------	14.61	13.76	------	18.66	------	18.18	------	12.49	7.44	------
MAX	14.63	11.03	14.61	16.60	17.69	19.60	18.68	19.39	15.52	12.49	15.95	17.72
MIN	5.72	7.71	7.25	11.64	12.08	17.99	10.02	12.82	8.20	7.85	7.23	7.86

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.02	6.70	9.00	15.43	18.03	13.97	15.80	9.67	7.71	6.91	7.38	6.16
2	10.42	6.63	8.58	14.46	18.49	15.08	15.48	9.22	7.60	7.41	8.24	6.12
3	9.82	6.74	11.88	14.04	18.82	16.71	15.18	10.18	7.50	8.51	8.69	6.05
4	9.21	6.91	15.18	14.67	18.97	18.11	15.13	12.05	7.40	8.11	8.21	6.07
5	8.62	6.84	15.18	17.71	18.96	18.07	15.11	11.45	7.32	7.56	7.58	6.06
6	8.19	6.65	15.47	18.70	18.62	18.34	14.27	12.20	7.25	7.70	7.02	5.95
7	7.89	6.53	18.15	18.85	18.30	18.52	14.19	13.15	7.17	7.83	6.69	5.84
8	7.67	6.47	19.17	18.85	18.32	18.62	13.92	17.04	7.13	7.48	6.49	5.75
9	7.62	6.43	19.39	18.94	18.36	18.67	13.00	18.75	7.03	7.16	6.37	5.73
10	7.71	6.44	19.55	18.95	18.36	18.62	12.23	17.62	7.06	6.88	6.29	5.77
11	7.59	6.51	19.69	19.01	18.42	18.52	11.75	15.78	7.43	6.72	6.42	5.94
12	7.42	6.57	19.88	19.11	18.55	18.47	11.48	18.37	7.42	6.65	6.44	5.89
13	7.53	6.57	19.89	19.24	18.68	18.45	11.28	18.58	7.49	6.72	6.71	5.85
14	7.55	6.58	19.88	19.34	18.72	18.38	11.10	17.95	7.36	7.16	6.74	5.79
15	7.51	6.52	19.86	19.46	18.66	18.16	10.84	17.27	7.19	7.31	6.67	5.72
16	7.44	6.42	19.83	19.53	18.65	17.87	10.53	16.69	7.12	7.41	6.77	5.69
17	7.46	6.33	19.27	19.58	18.74	17.52	10.43	15.40	7.89	7.35	7.04	5.65
18	7.55	6.24	19.55	19.60	18.85	17.00	10.70	14.70	7.84	7.63	7.08	5.65
19	7.53	6.20	19.39	19.61	18.81	16.42	10.95	13.80	7.55	7.48	6.56	5.63
20	7.46	6.21	19.39	19.67	18.42	15.63	10.60	12.73	7.40	7.13	6.50	5.70
21	7.40	6.35	19.47	19.71	17.77	14.70	9.93	12.04	7.37	6.99	6.34	5.82
22	7.34	6.45	19.63	19.75	17.25	13.91	9.49	11.57	7.13	7.18	6.27	5.84
23	7.31	6.90	19.63	19.76	16.80	13.50	10.80	10.90	7.07	7.42	6.27	6.12
24	7.29	7.27	19.47	19.77	16.23	13.13	12.68	10.00	7.25	7.07	6.44	5.99
25	7.31	7.17	19.21	19.78	15.67	12.89	12.26	9.31	7.13	6.82	6.69	5.79
26	7.25	7.17	18.75	19.79	15.26	12.72	10.60	8.83	7.03	6.77	6.79	5.81
27	7.18	7.24	17.97	19.76	14.95	12.44	9.76	8.54	6.95	7.21	6.77	6.06
28	7.14	7.37	17.21	19.67	14.40	12.43	9.32	8.28	6.88	7.28	6.87	6.54
29	7.10	8.37	16.71	19.45	13.49	14.01	9.27	8.09	6.83	7.05	6.92	6.63
30	7.02	9.72	16.37	18.48	------	15.08	9.70	7.95	6.79	7.06	6.52	6.39
31	6.85	------	16.07	17.67	------	15.59	------	7.84	------	7.26	6.23	------
MAX	11.02	9.72	19.89	19.79	18.97	18.67	15.80	18.75	7.89	8.51	8.69	6.63
MIN	6.85	6.20	8.58	14.04	13.49	12.43	9.27	7.84	6.79	6.65	6.23	5.63

02489500 Pearl River near Bogalusa, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.29	6.94	9.90	19.41	15.93	14.92	20.38	20.07	14.84	8.78	9.23	7.70
2	6.28	6.76	9.71	19.38	15.51	13.86	20.32	20.01	15.13	8.82	9.65	7.65
3	6.38	6.62	9.52	19.35	15.97	13.03	20.26	19.93	14.97	8.58	10.25	7.69
4	6.38	6.51	9.39	19.35	17.22	13.21	20.23	19.82	14.47	8.40	9.43	7.92
5	6.42	6.52	9.55	19.31	17.94	13.98	20.17	19.69	13.87	8.40	9.63	8.37
6	6.27	6.65	11.24	19.25	18.31	14.82	20.06	19.53	13.89	9.25	10.18	9.32
7	6.13	6.70	15.15	19.15	18.49	15.70	20.09	19.38	14.13	10.30	10.57	9.96
8	6.02	6.68	16.36	19.13	18.54	16.75	20.05	19.29	13.39	11.40	10.63	9.71
9	5.91	6.64	14.89	19.12	18.57	17.97	19.94	19.24	12.87	11.29	10.57	9.71
10	5.87	6.55	12.96	19.13	18.64	18.49	19.78	19.23	12.82	10.41	10.37	9.62
11	5.87	6.54	11.68	19.15	18.76	18.18	19.64	19.22	12.29	9.43	9.65	9.84
12	5.85	7.15	10.96	19.19	18.88	17.46	19.54	19.29	11.53	8.82	9.14	9.63
13	5.78	7.95	10.69	19.23	18.94	17.72	19.46	19.35	11.38	8.46	8.80	10.02
14	5.73	9.00	11.24	19.26	18.98	18.24	19.36	19.34	11.40	8.25	8.31	11.73
15	5.73	9.68	11.75	19.27	18.93	18.58	19.19	19.22	11.80	8.16	8.35	12.12
16	5.73	9.21	12.39	19.25	18.92	18.68	18.95	18.94	11.80	8.12	8.54	11.64
17	5.70	8.96	13.71	19.21	19.05	18.61	19.04	18.50	11.90	7.94	9.17	10.38
18	5.72	9.20	15.34	19.18	19.17	18.64	19.70	18.06	11.50	7.84	9.29	9.45
19	5.72	9.46	16.08	19.15	19.20	18.75	19.96	17.49	11.30	7.75	10.00	8.85
20	5.70	9.57	16.34	19.13	19.03	18.92	19.85	16.40	10.80	7.65	10.45	8.50
21	5.68	9.16	17.61	19.16	18.56	19.03	19.87	14.98	10.40	7.73	10.17	8.27
22	5.73	8.55	18.92	19.16	18.01	19.10	19.87	14.07	11.50	8.27	9.35	8.11
23	6.18	8.18	19.33	19.11	17.59	19.11	19.88	13.56	14.10	8.74	8.79	8.00
24	6.18	8.00	19.50	18.96	17.34	19.17	19.86	13.39	12.40	8.85	8.48	7.94
25	7.87	8.30	19.58	18.60	17.14	19.53	19.93	13.80	11.30	8.85	8.65	7.86
26	7.73	9.66	19.62	17.59	16.77	19.96	19.94	15.49	10.35	8.98	8.89	7.75
27	7.79	10.35	19.62	16.83	16.27	19.95	19.98	16.49	9.65	9.13	8.61	7.52
28	8.02	10.43	19.58	16.38	15.68	20.13	20.01	16.00	9.27	9.45	8.36	7.37
29	7.82	10.53	19.49	16.43	------	20.33	20.07	14.83	8.98	10.03	8.29	7.33
30	7.45	10.22	19.41	16.49	------	20.43	20.10	14.49	8.80	9.88	8.24	7.80
31	7.16	------	19.48	16.37	------	20.44	------	14.82	------	9.42	7.96	------
MAX	8.02	10.53	19.62	19.41	19.20	20.44	20.38	20.07	15.13	11.40	10.63	12.12
MIN	5.68	6.51	9.39	16.37	15.51	13.03	18.95	13.39	8.80	7.65	7.96	7.33

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.61	7.33	17.25	19.82	20.47	19.76	17.64	19.70	12.44	10.79	9.54	9.09
2	8.85	7.44	17.48	19.79	20.58	19.75	17.47	19.52	13.55	10.61	9.87	9.90
3	9.12	7.35	17.34	19.81	20.65	19.72	17.68	19.04	14.32	10.33	9.79	11.98
4	9.42	7.33	17.06	19.85	20.58	19.65	18.06	17.91	14.65	10.19	9.02	13.70
5	9.02	9.36	16.92	19.87	20.46	19.56	18.38	16.71	14.70	10.21	8.80	13.39
6	8.65	11.55	16.99	19.88	20.36	19.40	18.55	15.85	14.29	10.53	8.83	12.09
7	8.50	11.46	17.00	19.91	20.36	19.11	18.48	14.97	13.95	11.05	8.59	11.86
8	8.48	11.92	16.98	19.93	20.39	18.37	18.25	14.43	13.54	10.61	9.68	13.60
9	8.57	11.31	16.87	19.94	20.33	16.90	17.96	13.78	13.66	9.90	9.86	15.31
10	8.66	10.57	16.50	19.97	20.22	15.29	17.65	13.45	14.54	9.57	8.95	15.28
11	8.46	10.75	16.02	19.99	20.14	14.34	17.40	13.71	14.81	9.32	8.38	14.49
12	8.18	11.41	15.65	20.02	20.06	14.43	17.18	15.62	15.21	9.26	8.20	13.83
13	7.95	11.26	15.34	20.04	19.99	14.51	18.16	15.86	15.39	9.36	8.09	12.94
14	7.70	10.97	15.07	20.05	19.90	15.34	19.33	14.94	15.31	9.30	8.07	12.02
15	7.50	10.74	14.54	19.99	19.80	16.40	19.87	14.54	15.21	9.09	8.01	11.52
16	7.45	10.48	13.48	19.94	19.67	16.33	20.83	13.83	14.93	9.05	8.07	11.08
17	7.75	9.97	12.38	19.91	19.42	15.34	21.97	12.86	14.62	8.96	8.30	10.62
18	7.93	9.34	11.60	19.88	19.19	14.38	21.93	12.27	14.21	8.79	9.12	10.09
19	7.91	8.76	11.29	19.88	19.18	13.81	21.40	12.11	13.55	8.58	10.12	9.64
20	8.17	8.29	12.00	19.96	19.29	13.51	20.95	12.11	13.04	8.46	10.52	9.35
21	8.49	8.27	13.75	20.03	19.42	13.56	20.63	11.77	12.22	8.55	10.78	9.07
22	8.60	9.32	15.05	20.14	19.52	13.86	20.43	11.84	11.42	8.80	10.42	8.87
23	8.26	11.46	15.77	20.23	19.57	13.86	20.27	14.10	10.76	8.79	9.48	8.64
24	8.16	14.21	15.76	20.32	19.62	13.59	20.17	15.60	10.60	8.82	8.78	8.40
25	8.09	14.28	16.57	20.40	19.64	13.85	20.11	14.37	10.50	9.15	8.43	8.18
26	8.02	13.52	19.63	20.41	19.68	14.50	20.07	13.05	10.18	9.05	8.30	8.14
27	7.85	13.32	20.15	20.38	19.72	18.00	20.04	12.41	9.89	9.02	8.37	8.17
28	7.52	13.70	20.10	20.44	19.74	19.16	20.00	11.84	9.69	9.20	8.29	8.43
29	7.27	14.83	20.04	20.50	------	19.07	19.94	11.47	10.03	9.47	8.19	9.70
30	7.13	16.37	19.90	20.50	------	18.66	19.85	11.31	10.60	9.70	8.12	10.16
31	7.16	------	19.83	20.45	------	18.16	------	11.30	------	9.46	8.52	------
MAX	9.42	16.37	20.15	20.50	20.65	19.76	21.97	19.70	15.39	11.05	10.78	15.31
MIN	7.13	7.33	11.29	19.79	19.18	13.51	17.18	11.30	9.69	8.46	8.01	8.14

02489500 Pearl River near Bogalusa, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.96	10.18	13.30	19.45	17.58	19.45	19.50	14.78	13.13	11.45	14.82	12.00
2	10.34	9.73	12.83	19.48	17.10	19.44	19.38	16.87	13.19	12.35	16.95	11.45
3	10.78	9.59	12.56	19.45	16.71	19.40	19.15	18.14	13.44	12.05	18.30	11.07
4	10.05	9.61	12.26	19.41	16.19	19.37	18.75	18.74	13.84	11.80	18.75	10.62
5	9.28	9.62	11.82	19.33	15.77	19.33	18.38	19.11	14.13	11.41	18.95	10.25
6	8.82	9.58	11.85	19.26	15.72	19.27	18.16	19.33	14.07	11.14	19.05	10.45
7	8.71	9.48	12.84	19.24	15.95	19.00	17.72	19.44	13.77	10.66	19.04	11.80
8	8.65	9.40	15.02	19.46	16.38	18.04	17.16	19.59	14.39	10.29	19.00	12.15
9	8.62	9.31	17.12	19.79	16.64	16.11	16.77	19.82	14.87	10.28	18.97	12.74
10	8.55	9.18	18.04	20.01	16.75	14.51	16.60	19.99	16.07	10.32	18.96	12.70
11	8.52	9.15	18.51	20.01	16.81	13.65	16.53	20.26	17.09	10.05	18.92	12.66
12	8.47	9.80	18.76	19.95	16.87	13.19	16.36	20.37	17.47	10.10	18.85	12.28
13	8.37	9.82	18.79	19.89	16.90	13.03	16.19	20.27	17.37	10.78	18.80	11.52
14	8.21	9.03	18.62	19.87	16.89	13.76	17.25	20.12	17.24	11.79	18.68	11.03
15	8.46	8.65	18.20	19.86	16.82	14.90	19.03	19.99	16.53	12.60	18.50	10.57
16	9.31	8.48	17.80	19.84	16.66	16.52	19.06	19.85	15.94	12.29	18.08	10.10
17	9.16	8.38	17.36	19.78	17.05	17.72	18.87	19.68	15.79	11.63	17.30	9.77
18	9.63	8.72	16.59	19.70	18.51	18.44	18.57	19.52	15.83	11.18	16.50	10.08
19	10.09	9.71	15.68	19.59	19.17	19.09	18.37	19.42	15.85	10.85	15.74	10.30
20	10.05	11.53	15.01	19.48	19.39	19.35	18.19	19.38	15.70	10.45	15.28	9.73
21	9.88	14.44	14.48	19.36	19.49	19.36	18.01	19.32	15.53	10.14	14.70	9.44
22	9.65	14.38	13.79	19.23	19.51	19.32	17.80	19.22	15.24	9.85	14.15	9.35
23	9.42	13.35	13.58	19.15	19.49	19.32	17.57	18.96	15.46	10.15	13.45	9.33
24	9.12	12.61	13.75	19.12	19.45	19.36	17.38	18.30	15.39	10.66	12.79	9.33
25	8.66	12.58	13.91	19.17	19.45	19.40	17.18	16.96	14.52	11.05	12.38	9.30
26	8.28	13.09	16.40	19.33	19.43	19.45	16.86	15.49	13.30	11.60	12.06	9.32
27	8.30	13.38	17.92	19.48	19.43	19.50	16.39	14.25	12.39	11.72	12.07	9.45
28	8.41	13.44	18.59	19.35	19.44	19.54	15.79	13.30	11.95	11.45	12.15	9.45
29	8.86	13.42	19.02	19.15	------	19.58	14.97	12.91	11.45	11.50	12.32	9.33
30	10.97	13.40	19.25	18.85	------	19.60	14.26	12.99	11.25	12.60	12.52	9.26
31	11.08	------	19.40	18.24	------	19.57	------	13.13	------	13.84	12.40	------
MAX	11.08	14.44	19.40	20.01	19.51	19.60	19.50	20.37	17.47	13.84	19.05	12.74
MIN	8.21	8.38	11.82	18.24	15.72	13.03	14.26	12.91	11.25	9.85	12.06	9.26

02490105 Bogue Lusa Creek at State Highway 439, at Bogalusa, La.

LOCATION.--Lat 30°46'56", long 89°52'24", in SE¼ sec.15, T.3 S., R.13 E., St. Helena meridian, Washington Parish, near center of span on downstream side of bridge on State Highway 439, at Bogalusa, 0.3 mi (0.5 km) upstream from Ice Water Branch, 0.9 mi (1.5 km) downstream from Adams Creek, and 4.0 mi (6.4 km) upstream from mouth.

DRAINAGE AREA.--72.7 mi^2 (188.3 km^2).

PERIOD OF RECORD.--October 1963 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 76.60 ft (23.348 m) above mean sea level.

AVERAGE DISCHARGE.--12 years, 112 ft^3/s (3.172 m^3/s), 20.92 in/yr (531 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,190 ft^3/s Apr. 14, gage height, 10.23 ft (3.118 m); minimum, 44 ft^3/s (1.25 m^3/s) Oct. 11, 12, 13, 14, 15, 28, gage height, 3.80 ft (1.158 m).
Period of record: Maximum discharge, 7,100 ft^3/s (201 m^3/s) Apr. 18, 1973, gage height, 11.86 ft (3.615 m); minimum, 5.0 ft^3/s (0.14 m^3/s) Oct. 27, 28, 1967, gage height, 3.54 ft (1.079 m), affected by temporary regulation.
Flood of Nov. 14, 1961, reached a stage of about 13 ft (4.0 m), from information by local resident.

REMARKS.--Records good except for the periods of no gage-height record, which are fair. See following pages for tables of gage height for water years 1970-73, 75. Records of water temperatures for water year 1975 are published in Section 2 of this report.

REVISIONS.--WRD LA, 1974: 1964(P), 1965-66(M), 1967(P), 1969-72(M), 1973(P).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	59	181	70	108	77	108	846	150	214	798	94
2	52	53	106	68	105	77	98	417	108	142	846	86
3	49	51	86	66	98	71	105	310	92	135	509	76
4	48	50	78	66	98	154	101	368	85	259	398	72
5	48	51	73	70	128	298	86	254	82	150	386	170
6	48	51	74	66	111	165	83	333	80	111	491	280
7	47	49	212	66	95	115	77	535	80	95	287	250
8	46	49	201	300	89	101	118	920	90	86	187	300
9	46	54	118	1,000	89	89	224	757	150	86	154	200
10	46	54	94	950	89	86	239	404	400	83	174	150
11	46	96	101	200	89	86	351	259	612	92	150	120
12	47	161	136	400	98	86	183	196	566	115	128	100
13	46	86	103	380	98	115	124	205	281	89	121	250
14	44	65	87	230	89	304	1,900	169	178	77	106	500
15	55	66	90	190	86	165	2,370	234	154	95	130	200
16	130	63	110	150	118	374	771	169	165	80	100	110
17	90	64	98	143	174	321	327	142	131	71	150	150
18	61	98	90	133	174	684	234	131	111	77	250	220
19	54	130	82	129	111	697	187	115	108	95	400	160
20	51	494	86	129	95	374	158	108	101	83	200	120
21	49	477	110	119	89	214	356	105	95	80	100	100
22	48	216	98	110	89	174	333	101	118	92	90	84
23	48	112	86	107	89	146	187	95	150	293	130	74
24	48	90	84	107	98	146	146	89	239	210	150	70
25	48	90	84	239	89	131	131	86	351	161	96	65
26	48	98	90	229	80	111	118	83	174	321	94	63
27	47	80	100	146	77	101	108	86	139	333	350	62
28	46	73	90	124	77	101	105	174	169	158	250	61
29	52	69	84	118	------	101	362	111	131	139	100	60
30	76	142	78	115	------	150	579	270	239	234	150	60
31	84	------	72	111	------	139	------	293	------	362	120	------
TOTAL	1,705	3,291	3,182	6,331	2,830	5,953	10,269	8,365	5,529	4,618	7,595	4,307
MEAN	55.0	110	103	204	101	192	342	270	184	149	245	144
MAX	130	494	212	1,000	174	697	2,370	920	612	362	846	500
MIN	44	49	72	66	77	71	77	83	80	71	90	60
CFSM	.76	1.51	1.42	2.81	1.39	2.64	4.70	3.71	2.53	2.05	3.37	1.98
IN.	.87	1.68	1.63	3.24	1.45	3.05	5.25	4.28	2.83	2.36	3.89	2.20

CAL YR 1974 TOTAL 61,088 MEAN 167 MAX 1,840 MIN 44 CFSM 2.30 IN 31.26
WTR YR 1975 TOTAL 63,975 MEAN 175 MAX 2,370 MIN 44 CFSM 2.41 IN 32.74

PEAK DISCHARGE (BASE, 1,500 CFS).--April 14 (2000) 4,190 cfs (10.23 ft).

NOTE.--No gage-height record Dec. 15 to Jan. 16, June 4-10, and Aug. 14 to Sept. 24.

02490105 Bogue Lusa Creek at State Highway 439, at Bogalusa, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.50	3.79	3.77	4.36	3.88	4.05	3.98	3.78	3.75	4.53	4.37	3.85
2	3.49	3.78	3.77	4.15	3.86	4.85	3.96	3.79	3.74	4.21	4.82	3.89
3	3.49	3.77	3.77	4.06	3.85	4.98	3.96	3.77	3.74	4.05	4.31	3.90
4	3.49	3.76	3.77	4.37	3.87	4.51	3.94	3.76	3.74	4.47	4.08	3.95
5	3.48	3.76	3.77	4.33	4.22	4.25	3.91	3.76	3.73	4.29	4.04	4.06
6	3.69	3.76	3.76	4.10	4.15	4.17	3.89	3.76	3.73	4.03	3.96	4.03
7	3.94	3.76	3.76	4.02	4.61	4.18	3.88	3.76	3.74	3.94	3.90	4.09
8	4.47	3.76	3.76	4.07	4.47	4.10	3.88	3.79	3.75	3.91	3.88	4.00
9	4.27	3.78	3.76	4.09	4.26	4.04	3.87	3.91	3.75	3.90	3.95	3.89
10	4.04	3.93	3.76	4.02	4.12	4.21	3.86	3.89	3.81	3.87	3.90	4.01
11	3.92	3.92	3.78	4.05	4.05	4.20	3.86	3.83	3.83	3.84	3.86	4.46
12	4.02	3.83	3.87	4.02	4.23	4.07	3.85	4.72	3.92	3.82	3.84	4.81
13	4.91	3.81	3.96	3.98	4.45	4.04	3.84	4.79	3.82	3.80	3.82	4.23
14	4.79	4.06	3.88	3.96	4.23	4.02	3.84	4.35	3.77	3.78	3.80	4.02
15	4.29	4.12	4.01	3.94	4.10	3.99	3.83	4.04	3.76	3.77	3.79	4.02
16	4.05	3.95	4.87	3.92	4.04	3.97	3.83	3.94	3.76	3.76	3.78	5.41
17	3.95	3.86	4.43	3.90	4.00	3.94	3.83	3.88	3.99	3.77	3.77	6.21
18	3.89	3.84	4.12	3.90	3.97	3.92	3.83	3.85	4.34	3.91	3.76	5.10
19	3.86	3.82	4.01	3.88	3.95	4.28	3.83	3.83	3.97	3.90	3.80	4.40
20	3.85	3.81	3.95	3.87	4.31	4.20	3.83	3.82	3.95	3.84	3.82	4.30
21	3.84	3.80	3.92	3.86	4.38	4.04	3.82	3.88	4.27	4.31	3.82	4.21
22	3.82	3.80	3.90	3.86	4.32	3.99	3.87	3.89	3.94	4.17	3.85	4.11
23	3.81	3.78	3.88	3.93	4.18	3.97	3.90	3.82	4.00	3.94	3.87	4.10
24	3.81	3.78	3.97	4.38	4.06	3.96	3.86	3.80	4.10	3.87	3.88	4.05
25	3.82	3.78	4.01	4.25	4.01	3.94	3.83	3.79	4.63	3.90	4.03	4.01
26	3.81	3.78	3.94	4.05	4.17	3.93	3.81	3.78	4.07	3.92	3.90	3.97
27	3.79	3.78	3.89	3.97	4.34	3.92	3.80	3.77	3.98	3.88	3.83	4.06
28	3.82	3.78	3.87	3.92	4.15	3.91	3.81	3.78	4.02	3.85	3.80	4.01
29	3.88	3.78	4.11	3.91	------	4.13	3.80	3.78	3.95	3.85	3.78	3.94
30	3.85	3.77	4.46	3.90	------	4.27	3.79	3.77	4.07	3.94	3.82	3.91
31	3.81	------	4.64	3.89	------	4.08	------	3.76	------	4.17	3.88	------
MAX	4.91	4.12	4.87	4.38	4.61	4.98	3.98	4.79	4.63	4.53	4.82	6.21
MIN	3.48	3.76	3.76	3.86	3.85	3.91	3.79	3.76	3.73	3.76	3.76	3.85

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.89	3.80	3.97	4.01	4.32	4.55	--	--	3.89	3.75	4.09	3.78
2	3.88	3.81	4.26	4.12	4.30	4.83	--	--	3.88	3.75	4.21	3.78
3	3.87	3.83	4.75	4.17	4.30	4.84	--	--	3.88	3.80	4.31	3.78
4	3.86	3.83	4.44	4.29	4.21	4.45	--	--	3.87	3.83	4.33	3.77
5	3.87	3.81	4.32	5.05	4.12	4.26	--	--	3.86	3.82	4.38	3.77
6	3.86	3.80	5.11	4.95	4.12	4.17	--	--	3.89	3.77	4.43	3.80
7	3.85	3.79	5.67	4.39	4.56	4.12	--	--	3.84	3.82	4.45	3.85
8	3.84	3.79	4.97	4.23	4.43	4.51	--	--	3.83	3.84	4.46	3.80
9	3.83	3.79	4.39	4.16	4.23	4.55	--	--	3.83	3.85	4.47	3.79
10	3.83	3.82	4.46	4.13	4.15	4.28	--	--	3.90	3.86	4.47	3.79
11	3.82	3.84	4.65	4.26	4.10	4.16	--	--	4.18	3.86	3.89	3.79
12	3.82	3.82	4.54	4.29	4.20	4.12	--	--	3.97	3.81	3.89	3.78
13	3.81	3.81	4.25	4.16	4.34	4.09	--	--	3.90	4.28	3.82	3.77
14	3.81	3.80	4.14	4.11	4.19	4.07	--	--	3.87	4.23	3.81	3.76
15	3.81	3.80	4.20	4.05	4.11	4.06	--	--	3.85	4.26	3.84	3.75
16	3.81	3.80	4.52	4.01	4.18	4.15	--	--	3.84	4.10	4.24	3.75
17	3.82	3.80	4.41	4.00	4.35	4.18	--	--	3.83	4.09	4.02	3.75
18	3.89	3.79	4.22	4.01	4.40	4.07	--	--	3.82	4.13	3.91	3.79
19	3.91	3.80	4.12	4.06	4.27	4.04	--	--	3.81	4.27	3.85	3.77
20	3.87	3.81	4.47	4.54	4.14	4.01	--	--	3.81	4.32	3.82	3.76
21	3.84	3.82	4.67	4.65	4.10	4.05	--	--	3.82	4.28	3.80	3.77
22	3.83	3.80	4.40	4.65	4.08	4.13	--	--	3.82	4.32	3.79	3.75
23	3.83	3.80	4.21	4.37	4.06	4.05	--	3.99	3.82	4.34	3.78	3.75
24	3.83	3.80	4.12	4.23	4.05	4.00	--	3.98	3.81	4.40	3.80	3.74
25	3.82	3.79	4.08	4.16	4.04	4.02	--	3.96	3.82	4.40	4.06	3.74
26	3.81	3.80	4.06	4.10	4.03	4.03	--	3.95	3.82	4.26	4.02	3.74
27	3.81	3.80	4.04	4.07	4.02	3.99	--	3.95	3.82	4.22	4.07	3.87
28	3.81	3.84	4.03	4.06	4.00	--	--	3.94	3.84	4.36	3.89	3.98
29	3.80	4.21	4.02	4.09	4.06	--	--	3.91	3.84	4.31	3.83	3.90
30	3.80	4.12	4.01	4.25	------	--	--	3.92	3.83	4.21	3.80	3.82
31	3.80	------	4.03	4.51	------	--	------	3.90	------	4.16	3.79	------
MAX	3.91	4.21	5.67	5.05	4.56	4.84	--	--	4.18	4.40	4.47	3.98
MIN	3.80	3.79	3.97	4.00	4.00	--	--	--	3.81	3.75	3.78	3.74

02490105 Bogue Lusa Creek at State Highway 439, at Bogalusa, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.80	3.80	3.95	--	3.99	3.96	4.45	4.16	3.96	3.83	3.88	3.93
2	3.78	3.80	--	4.48	4.11	3.98	4.26	4.31	3.96	3.82	3.98	3.88
3	3.77	3.81	--	4.43	4.04	4.00	4.20	4.53	3.94	3.82	3.97	3.87
4	3.76	3.80	--	4.32	3.98	4.42	4.17	4.29	3.92	3.82	3.89	3.88
5	3.76	3.79	--	4.20	3.96	4.46	4.10	4.15	3.92	3.86	3.85	4.08
6	3.76	3.78	--	4.15	3.95	4.20	4.08	4.10	3.96	4.08	3.85	4.32
7	3.75	3.78	--	4.21	3.95	4.22	5.66	4.46	4.02	4.20	3.86	4.20
8	3.75	3.78	--	4.28	3.97	4.20	5.37	4.95	3.97	4.05	3.86	4.07
9	3.75	3.79	--	4.21	4.25	4.11	4.58	4.63	3.96	3.93	3.84	4.00
10	3.75	3.79	--	4.12	4.31	4.06	4.32	4.33	3.94	3.88	3.82	3.98
11	3.74	3.79	--	4.10	4.22	4.17	4.21	4.20	3.92	3.85	3.82	3.98
12	3.74	3.79	--	4.09	4.19	4.34	4.16	4.18	3.91	3.86	3.88	4.21
13	3.74	3.84	--	4.11	4.23	4.17	4.13	4.32	3.93	3.87	3.88	4.85
14	3.74	4.21	--	4.10	4.95	4.07	4.09	4.24	3.99	3.83	3.84	5.01
15	3.73	4.08	--	4.08	4.54	4.04	4.07	4.11	4.02	3.82	3.90	4.40
16	3.73	3.90	--	4.05	4.28	4.04	4.51	4.07	4.24	3.81	3.92	4.12
17	3.73	3.84	--	4.02	4.16	4.18	7.13	4.04	4.17	3.80	4.02	4.01
18	3.73	3.84	--	4.00	4.11	4.08	10.66	4.03	4.00	3.81	4.00	3.95
19	3.73	4.12	--	4.00	4.08	4.00	6.13	4.02	3.94	3.82	3.90	3.93
20	3.73	4.10	--	3.99	4.05	4.31	4.79	4.01	3.91	3.82	3.85	3.90
21	3.73	3.93	--	4.20	4.03	4.24	4.48	4.00	3.92	3.83	3.83	3.88
22	3.74	3.87	--	4.46	4.01	4.11	4.36	3.99	3.96	3.99	3.81	3.86
23	4.03	3.85	--	4.23	4.01	4.03	4.28	3.98	3.94	4.26	3.79	3.85
24	4.07	3.84	--	4.07	4.00	4.30	4.34	4.21	3.90	4.01	3.78	3.85
25	3.88	4.25	--	4.02	4.10	6.49	6.19	4.43	3.88	3.98	3.78	3.85
26	3.82	4.49	--	4.10	4.07	6.57	4.98	4.26	3.86	4.04	3.78	3.84
27	4.08	4.16	--	4.11	4.00	4.65	4.48	4.13	3.85	4.19	3.81	3.83
28	4.12	3.98	--	4.08	3.97	4.31	4.32	4.07	3.84	4.55	3.86	3.84
29	3.93	3.94	--	4.09	------	4.52	4.23	4.02	3.84	4.09	3.89	3.89
30	3.85	3.94	--	4.02	------	4.65	4.20	3.97	3.84	3.95	4.11	3.97
31	3.82	------	--	3.99	------	4.61	------	3.95	------	3.90	4.16	------
MAX	4.12	4.49	--	--	4.95	6.57	10.66	4.95	4.24	4.55	4.16	5.01
MIN	3.73	3.78	--	3.99	3.95	3.96	4.07	3.95	3.84	3.80	3.78	3.83

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.86	3.87	4.25	--	4.02	3.93	4.03	5.32	4.14	4.30	5.26	--
2	3.84	3.84	4.05	--	4.02	3.93	4.00	4.66	4.03	4.13	5.32	--
3	3.82	3.83	3.98	--	4.00	3.91	4.02	4.47	3.98	4.10	4.81	--
4	3.82	3.83	3.94	--	4.00	4.12	4.01	4.58	--	4.36	4.62	--
5	3.82	3.83	3.93	--	4.09	4.46	3.96	4.38	--	4.15	4.61	--
6	3.82	3.83	3.93	--	4.04	4.18	3.95	4.50	--	4.04	4.78	--
7	3.81	3.82	4.31	--	3.99	4.05	3.93	4.85	--	3.99	4.43	--
8	3.81	3.82	4.30	--	3.97	4.01	4.04	5.43	--	3.96	4.24	--
9	3.81	3.85	4.08	--	3.97	3.97	4.32	5.19	--	3.96	4.16	--
10	3.81	3.85	4.01	--	3.97	3.96	4.33	4.64	--	3.95	4.21	--
11	3.81	4.00	4.03	--	3.97	3.96	4.54	4.38	4.95	3.98	4.15	--
12	3.81	4.20	4.14	--	4.00	3.96	4.23	4.26	4.90	4.05	4.09	--
13	3.81	3.98	4.04	--	4.00	4.03	4.07	4.28	4.42	3.97	4.07	--
14	3.80	3.89	3.98	--	3.97	4.47	6.96	4.20	4.22	3.93	4.04	--
15	3.85	3.90	--	--	3.96	4.19	7.91	4.33	4.16	3.99	--	--
16	4.12	3.88	--	--	4.06	4.58	5.21	4.20	4.19	3.94	--	--
17	3.99	3.89	--	4.16	4.21	4.49	4.51	4.13	4.10	3.91	--	--
18	3.88	4.02	--	4.13	4.20	5.08	4.34	4.10	4.04	3.93	--	--
19	3.85	4.09	--	4.11	4.04	5.10	4.24	4.05	4.03	3.99	--	--
20	3.83	4.81	--	4.11	3.99	4.58	4.17	4.03	4.01	3.95	--	--
21	3.82	4.78	--	4.07	3.97	4.30	4.52	4.02	3.99	3.94	--	--
22	3.82	4.32	--	4.04	3.96	4.21	4.51	4.01	4.06	3.98	--	--
23	3.82	4.06	--	4.03	3.97	4.14	4.24	3.99	4.14	4.44	--	--
24	3.82	3.99	--	4.03	4.00	4.13	4.14	3.97	4.30	4.28	--	--
25	3.82	3.99	--	4.34	3.97	4.05	4.10	3.96	4.53	4.15	--	3.90
26	3.82	4.02	--	4.33	3.94	4.04	4.06	3.95	4.21	4.47	--	3.89
27	3.81	3.96	--	4.14	3.93	4.01	4.03	3.95	4.12	4.51	--	3.88
28	3.81	3.93	--	4.08	3.93	4.00	4.02	4.21	4.20	4.16	--	3.88
29	3.84	3.91	--	4.06	------	4.01	4.54	4.04	4.10	4.12	--	3.87
30	3.94	4.14	--	4.05	------	4.14	4.91	4.39	4.34	4.33	--	3.87
31	3.97	------	--	4.04	------	4.12	------	4.44	------	4.57	--	------
MAX	4.12	4.81	4.31	--	4.21	5.10	7.91	5.43	--	4.57	5.32	--
MIN	3.80	3.82	--	--	3.93	3.91	3.93	3.95	--	3.91	--	3.87

02490500 Bogue Chitto near Tylertown, Miss.

LOCATION.--Lat 31°10'37", long 90°16'48", in SE¼ sec.34, T.3 N., R.9 E., Washington meridian, Pike County, near right bank on downstream side of bridge on U.S. Highway 98, 0.2 mile (0.3 km) upstream from Fernwood, Columbia and Gulf Railroad bridge, 0.2 mile (0.3 km) upstream from Bars Branch, 2.2 miles (3.5 km) downstream from Topisaw Creek, and 9 miles (14 km) northwest of Tylertown.

DRAINAGE AREA.--502 mi² (1,300 km²).

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

GAGE.--Water-stage recorder. Datum of gage is 227.40 ft (69.312 m) above mean sea level.

AVERAGE DISCHARGE.--31 years, 798 ft³/s (22.60 m³/s), 21.59 in/yr (548 mm/yr).

EXTREMES.--Current year: Maximum discharge, 30,000 ft³/s (850 m³/s) May 8; maximum gage height, 29.69 ft (9.050 m) May 8; minimum discharge, 274 ft³/s (7.76 m³/s), Oct. 12, 13; (gage height, 6.54 ft or 1.993 m).
Period of record: Maximum discharge, 45,700 ft³/s (1,290 m³/s) Jan. 7, 1950 (gage height, 33.50 ft or 10.211 m); minimum, 175 ft³/s (4.96 m³/s) Oct. 31, 1963; minimum gage height, 6.08 ft (1.853 m), part of each day Oct. 13-22, 1972.
Flood in February 1936 reached a stage 1.2 ft (0.37 m) higher than the flood of Jan. 7, 1950, at the railroad bridge, 0.2 mile (0.3 km) downstream.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1504: 1945 (P), 1946(M), 1947-51, 1953.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	303	516	740	499	556	523	544	2,520	478	804	3,160	408
2	295	355	779	463	534	494	501	2,770	430	623	5,220	391
3	290	320	541	440	517	470	827	2,700	403	494	3,910	380
4	286	309	451	431	507	1,060	1,480	4,050	388	449	3,490	372
5	284	305	414	424	501	2,470	1,780	3,440	418	430	1,710	402
6	283	300	432	417	508	2,170	1,090	3,960	458	418	1,420	939
7	284	299	2,190	506	492	1,600	615	10,800	1,210	406	984	1,810
8	282	303	3,240	5,620	470	906	566	26,000	7,660	400	740	1,440
9	282	304	3,290	7,670	459	718	686	11,700	10,300	409	626	771
10	281	307	2,730	7,190	449	631	695	6,030	6,430	424	572	594
11	278	350	1,020	9,910	443	584	869	3,270	5,250	418	529	1,590
12	277	364	821	7,830	441	561	724	1,490	2,630	397	503	1,240
13	277	372	816	5,600	435	640	593	1,030	1,660	379	481	754
14	278	343	648	2,930	427	1,590	1,000	860	1,010	367	471	537
15	288	328	601	1,530	440	1,650	2,350	1,140	1,040	449	521	470
16	305	321	671	1,120	962	1,690	1,810	1,610	2,000	515	476	445
17	332	326	790	928	5,050	1,780	1,050	1,510	1,830	458	665	1,040
18	311	344	592	813	9,070	4,690	747	1,190	1,390	468	777	1,060
19	293	429	520	754	4,250	5,520	616	768	1,090	487	494	831
20	285	1,310	537	891	1,730	3,920	536	615	855	764	461	567
21	279	1,360	592	872	931	2,920	489	544	737	1,270	440	473
22	277	1,310	531	769	730	1,280	461	501	615	951	428	445
23	277	840	478	665	916	912	441	471	566	730	425	442
24	278	494	520	624	1,710	786	449	449	555	896	466	433
25	280	434	989	751	1,330	690	433	439	515	596	518	420
26	282	421	1,570	1,180	808	695	415	424	478	527	466	404
27	281	441	1,340	1,230	640	577	403	424	464	531	417	393
28	282	400	948	800	564	522	392	638	458	694	410	386
29	309	382	733	673	------	494	386	577	498	1,610	494	381
30	359	549	618	617	------	566	667	612	512	1,610	507	381
31	514	------	548	584	------	608	------	533	------	1,120	428	------
TOTAL	9,212	14,436	30,690	64,731	35,870	43,717	23,615	93,065	52,328	20,094	32,209	20,199
MEAN	297	481	990	2,088	1,281	1,410	787	3,002	1,744	648	1,039	673
MAX	514	1,360	3,290	9,910	9,070	5,520	2,350	26,000	10,300	1,610	5,220	1,810
MIN	277	299	414	417	427	470	386	424	388	367	410	372
CFSM	.59	.96	1.97	4.16	2.55	2.81	1.57	5.98	3.47	1.29	2.07	1.34
IN.	.68	1.07	2.27	4.80	2.66	3.24	1.75	6.90	3.88	1.49	2.39	1.50

CAL YR 1974 TOTAL 371,858 MEAN 1,019 MAX 31,100 MIN 277 CFSM 2.03 IN 27.56
WTR YR 1975 TOTAL 440,166 MEAN 1,206 MAX 26,000 MIN 277 CFSM 2.40 IN 32.62

PEAK DISCHARGE (BASE, 6,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
*12-27-73	1600	17.59	8,630	01-11-75	1600	19.58	10,900
*01-20-74	2000	16.85	7,870	02-18-75	0500	19.60	11,100
*01-27-74	0200	15.41	6,420	03-19-75	0200	15.42	6,440
*04-14-74	1800	30.85	33,600	05-08-75	0900	29.69	30,000
				06-09-75	0300	21.34	13,700

* Not previously published.

02391400 Bogue Chitto at Franklinton, La.

LOCATION.--Lat 30°50'35", long 90°09'45", in SE¼SE¼ sec. 26 T.2 S., R.10 E., Washington Parish, on right bank just downstream from bridge on State Highway 10, 0.8 mi (1.3 km) west of Franklinton and 3.5 mi (5.6 km) upstream from Lawrence Creek.

DRAINAGE AREA.--985 mi^2 (2,551 km^2).

PERIOD OF RECORD.--August 1928 to September 1931, October 1938 to September 1957. Gage-height records collected in this vicinity since 1922 are contained in reports of U.S. Weather Bureau. February to September 1975 (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 124.81 ft (38.042 m) above mean sea level. August 1928 to September 1931, staff gage at site about 0.2 mi (0.3 km) downstream at datum 1.00 ft (0.305 m) higher. October 1938 to June 22, 1939, wire-weight gage at same site and datum.

AVERAGE DISCHARGE.--22 years (1928-31, 1938-57), 1,596 ft^3/s (45.20 m^3/s).

EXTREMES.--Maximum gage height during period, 17.05 ft (5.197 m) May 9; minimum not determined.
Period of record: Maximum gage height, 18.46 ft (5.627 m) Mar. 21, 1943; minimum not determined.
1928-31, 1938-57: Maximum discharge, 50,000 ft^3/s (1416 m^3/s) Mar. 21, 1943 (gage height, 18.46 ft (5.627 m); minimum, 350 ft^3/s (9.91 m^3/s) Nov. 6-8, 1938, minimum gage height, -.10 ft (-0.030 m) Oct. 25, 27, 1955.
Flood of April 1900 reached a stage of 26.6 ft (8.11 m), at former site and present datum, from floodmark.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						.93	--	2.16	1.11	4.02	2.81	.87
2						.83	--	3.74	.98	3.10	4.57	.87
3						.72	--	3.58	.89	2.06	5.73	.89
4						1.18	--	4.20	.85	1.52	5.73	.88
5						3.51	--	5.65	.83	1.26	5.06	.90
6						3.86	--	4.70	.97	1.16	3.93	.62
7						3.29	--	8.53	.97	1.24	3.64	1.54
8						2.25	--	10.17	3.74	1.31	3.02	2.27
9						1.42	--	16.22	11.24	1.42	2.76	2.00
10						1.11	--	15.17	12.16	1.45	2.52	1.07
11						1.02	--	9.96	11.39	1.53	1.94	1.46
12						1.19	--	5.68	11.37	1.48	1.60	2.30
13					.58	.94	--	3.64	7.56	1.30	1.69	2.21
14					.63	2.30	--	3.11	5.09	1.19	1.17	1.68
15					.63	2.62	--	3.53	3.46	1.28	1.03	1.42
16					.77	3.27	--	3.82	3.40	1.48	1.72	1.15
17					7.29	3.56	--	3.77	4.07	1.46	1.78	1.19
18					7.49	5.60	--	3.36	3.57	.56	1.95	2.60
19					9.82	8.93	--	2.72	6.06	1.01	1.63	1.84
20					5.89	8.18	--	2.10	3.36	1.02	1.46	1.56
21					2.84	6.00	--	1.85	2.30	1.01	1.41	1.20
22					1.93	4.28	--	1.69	1.82	1.62	.55	1.01
23					1.57	2.38	.84	1.62	2.69	1.47	.59	1.02
24					2.58	1.86	.74	1.55	1.90	.90	.62	.80
25					2.84	--	.70	1.46	1.67	1.18	.72	--
26					2.10	--	.62	1.45	1.99	1.59	.79	--
27					1.46	--	.57	1.40	2.93	1.38	.69	--
28					1.10	--	.53	1.98	2.39	.92	.68	--
29					------	--	.73	2.46	1.69	1.09	.62	--
30					------	--	.72	2.82	1.70	2.15	1.34	--
31		------			------	--	------	1.37	------	3.09	1.08	------
MAX					--	--	--	16.22	12.16	4.02	5.73	--
MIN					--	--	--	1.37	.83	.56	.55	--

02492000 Bogue Chitto near Bush, La.

LOCATION.--Lat 30°37'45", long 89°53'50", in T.5 S., R.13 E., St. Tammany Parish, near center of span on downstream side of bridge on State Highway 21, 0.2 mi (0.3 km) downstream from Gulf, Mobile, and Ohio Railroad bridge, and 1.4 mi (2.3 km) north of Bush.

DRAINAGE AREA.--1,210 mi^2 (3,130 km^2), approximately.

PERIOD OF RECORD.--October 1937 to current year.

GAGE.--Water-stage recorder. Datum of gage is 44.25 ft (13.487 m) above mean sea level (levels by Corps of Engineers). Prior to July 22, 1954, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--38 years, 1,902 ft^3/s (53.86 m^3/s, 21.35 in/yr (542 mm/yr).

EXTREMES.--Current year: Maximum discharge, 32,700 ft^3/s (926 m^3/s) May 10, gage height, 14.26 ft (4.346 m); minimum, 684 ft^3/s (19.4 m^3/s) Oct. 14, 15, gage height, 3.36 ft (1.024 m).
Period of record: Maximum discharge, 57,000 ft^3/s (1,610 m^3/s) Feb. 23, 1961, gage height, 17.04 ft (5.194 m); minimum, 366 ft^3/s (10.4 m^3/s) Oct. 22, 23, 26, 29, 1968; minimum gage height, 0.7 ft (0.21 m) Oct. 1, 1937, Oct. 29-31, 1940, Oct. 22-27, 1941.

REMARKS.--Records good except for periods of no gage height record, which are fair. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	842	1,190	2,500	1,670	2,020	1,870	2,010	4,350	2,090	3,470	3,000	1,460
2	802	1,140	2,800	1,580	1,870	1,740	1,790	5,230	1,590	4,430	5,000	1,110
3	775	1,030	1,800	1,520	1,760	1,610	1,640	5,140	1,350	3,760	6,000	1,000
4	757	909	1,300	1,500	1,680	1,660	1,570	4,820	1,210	2,850	5,600	945
5	743	857	1,240	1,460	1,730	4,000	1,910	5,140	1,130	2,330	5,000	979
6	735	824	1,160	1,390	1,710	4,500	2,320	6,310	1,120	1,900	4,000	1,250
7	728	802	1,470	1,380	1,560	3,500	2,370	7,310	1,530	1,590	3,500	1,760
8	719	770	2,940	2,910	1,500	3,000	1,780	14,400	2,350	1,440	3,000	2,770
9	712	770	4,350	8,670	1,450	2,400	1,940	17,700	5,480	1,360	2,500	2,760
10	706	800	4,750	22,800	1,400	2,100	2,670	27,400	13,100	1,290	2,200	2,100
11	702	840	4,820	22,000	1,350	2,000	2,950	27,500	18,000	1,290	2,000	1,750
12	696	900	4,050	18,900	1,300	1,900	2,850	15,800	18,700	1,330	1,900	2,250
13	692	960	2,560	18,700	1,300	1,800	2,250	9,100	17,100	1,290	1,790	2,700
14	688	940	2,110	18,700	1,250	2,220	2,640	5,270	11,000	1,220	1,630	2,670
15	728	900	1,950	14,300	1,250	3,000	9,640	4,010	6,760	1,140	1,460	1,760
16	1,110	860	2,150	8,770	1,400	3,500	14,400	3,580	4,290	1,100	1,570	1,370
17	1,160	860	2,220	5,430	2,000	4,000	9,510	3,650	3,840	1,140	1,930	1,460
18	941	900	1,990	3,800	5,000	8,000	5,730	3,610	4,050	1,160	1,770	2,240
19	864	1,000	1,800	3,070	9,400	10,000	3,640	3,270	3,930	1,280	1,700	2,830
20	802	2,500	1,660	2,730	11,200	9,000	2,480	2,640	5,440	1,540	1,550	2,100
21	758	3,500	1,720	2,560	8,980	7,000	2,100	2,160	4,800	1,370	1,460	1,670
22	734	2,300	1,680	2,460	4,800	5,500	2,600	1,900	3,170	1,650	1,300	1,400
23	716	1,700	1,560	2,320	2,920	4,000	2,340	1,730	2,950	2,160	1,210	1,250
24	708	1,400	1,490	2,150	2,750	3,000	1,760	1,580	3,500	2,090	1,170	1,190
25	703	1,200	1,490	2,520	3,220	2,700	1,510	1,470	3,470	1,690	1,140	1,140
26	702	1,100	1,730	5,000	3,290	2,370	1,390	1,370	3,960	1,750	1,180	1,100
27	701	1,200	2,350	5,690	2,630	2,080	1,270	1,300	4,310	1,950	1,210	1,060
28	700	1,100	2,520	4,120	2,100	1,910	1,190	1,450	4,560	1,790	1,060	1,030
29	743	1,000	2,260	3,100	------	1,770	1,790	1,610	3,710	1,500	1,090	1,010
30	1,330	1,600	1,950	2,480	------	2,190	3,110	1,870	3,120	1,870	1,490	1,000
31	1,680	------	1,780	2,200	------	2,310	------	2,350	------	2,810	1,880	------
TOTAL	25,377	35,852	70,150	195,880	82,820	106,630	95,150	195,020	161,610	57,540	71,290	49,114
MEAN	819	1,195	2,263	6,319	2,958	3,440	3,172	6,291	5,387	1,856	2,300	1,637
MAX	1,680	3,500	4,820	22,800	11,200	10,000	14,400	27,500	18,700	4,430	6,000	2,830
MIN	688	770	1,160	1,380	1,250	1,610	1,190	1,300	1,120	1,100	1,060	945
CFSM	.68	.99	1.87	5.22	2.44	2.84	2.62	5.20	4.45	1.53	1.90	1.35
IN.	.78	1.10	2.16	6.02	2.55	3.28	2.93	6.00	4.97	1.77	2.19	1.51

CAL YR 1974 TOTAL 977,439 MEAN 2,678 MAX 38,200 MIN 688 CFSM 2.21 IN 30.05
WTR YR 1975 TOTAL 1,146,433 MEAN 3,141 MAX 27,500 MIN 688 CFSM 2.60 IN 35.25

PEAK DISCHARGE (BASE, 8,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-10	1930	13.27	25,300	4-16	0545	11.82	15,300
2-20	1645	11.17	11,800	5-10	2330	14.26	32,700
3-19	unknown	unknown	about 10,000	6-12	2245	12.41	19,300

02492-00 Bogue Chitto near Bush, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.75	4.60	--	5.59	6.27	6.22	6.45	8.82	6.58	8.15	--	5.48
2	3.65	4.48	--	5.42	6.00	6.00	6.08	9.37	5.74	8.89	--	4.77
3	3.59	4.22	--	5.30	5.78	5.78	5.84	9.32	5.26	8.40	--	4.50
4	3.54	3.92	--	5.25	5.62	5.87	5.69	9.14	4.97	7.55	--	4.36
5	3.51	3.79	--	5.18	5.70	--	6.28	9.30	4.81	6.92	--	4.45
6	3.49	3.71	4.54	5.03	5.67	--	6.91	9.81	4.79	6.26	--	5.07
7	3.47	3.66	5.20	5.00	5.39	--	6.99	10.12	5.61	5.75	--	6.01
8	3.45	--	7.55	7.34	5.26	--	6.06	11.63	6.81	5.43	--	7.47
9	3.43	--	8.82	10.34	--		6.32	12.19	9.38	5.27	--	7.47
10	3.41	--	9.09	12.92	--	--	7.36	13.53	11.40	5.14	--	6.57
11	3.40	--	9.13	12.81	--	--	7.67	13.55	12.23	5.14	--	6.02
12	3.39	--	8.59	12.37	--	--	7.57	11.87	12.33	5.22	--	6.80
13	3.38	--	7.12	12.34	--	--	6.80	10.57	12.09	5.13	6.08	7.40
14	3.37	--	6.42	12.34	--	6.59	7.14	9.35	11.01	5.00	5.81	7.35
15	3.47	--	6.15	11.63	--	--	10.59	8.59	9.93	4.84	5.49	6.02
16	4.42	--	6.50	10.50	--	--	11.66	8.26	8.78	4.74	5.68	5.30
17	4.55	--	6.62	9.41	--	--	10.67	8.32	8.47	4.84	6.32	5.48
18	4.00	--	6.23	8.42	--	--	9.57	8.28	8.63	4.87	6.05	6.75
19	3.81	--	5.85	7.77	--	--	8.27	7.98	8.54	5.12	5.93	7.49
20	3.66	--	5.57	7.37	11.05	--	7.13	7.32	9.46	5.63	--	6.41
21	3.55	--	5.69	7.15	10.55	--	6.60	6.68	9.09	5.30	5.49	5.60
22	3.48	--	5.61	7.00	9.06	--	7.28	6.27	7.88	5.85	5.15	5.06
23	3.44	--	5.37	6.78	7.62	--	6.92	5.98	7.67	6.68	4.99	4.76
24	3.42	--	5.23	6.49	7.45	--	6.03	5.73	8.19	6.57	4.89	4.64
25	3.41	--	5.23	7.01	7.94	--	5.58	5.50	8.16	5.92	4.84	4.51
26	3.40	--	5.72	9.18	7.99	6.99	5.34	5.30	8.56	6.00	4.93	4.40
27	3.40	--	6.82	9.55	7.30	6.57	5.10	5.15	8.80	6.35	4.97	4.30
28	3.40	--	7.08	8.66	6.60	6.29	4.93	5.45	8.98	6.07	4.65	4.22
29	3.51	--	6.68	7.78	------	6.05	6.01	5.77	8.35	5.56	4.71	4.17
30	4.84	--	6.15	7.03	------	6.72	7.82	6.20	7.84	6.19	5.54	4.15
31	5.62	------	5.81	6.58	------	6.90	------	6.95	------	7.52	6.23	------
MAX	5.62	--		12.92	--	--	11.66	13.55	12.33	8.89	--	7.49
MIN	3.37	--		5.00	--	--	4.93	5.15	4.79	4.74	--	4.15

MISSISSIPPI RIVER MAIN STEM

07289000 Mississippi River at Vicksburg, Miss.

LOCATION.--Lat 32°18'45", long 90°54'25", in T.16 N., R.3 E., Washington meridian, Warren County, over cavity of fourth pier from left bank at combined highway and railway bridge of Vicksburg Bridge Commission of Warren County, at southern city limits of Vicksburg, 1.5 mi (2.4 km) downstream from Yazoo diversion canal, and at mile 430.4 (692.5 km).

DRAINAGE AREA.--1,144,500 mi^2 (2,964,300 km^2).

PERIOD OF RECORD.--Discharge: January 1928 to September 1973 (records for 1974 and 1975 water years not available). Prior to July 1931, monthly discharge only, published in WSP 1311.

Gage heights: April 1930 to September 1973 in reports of Geological Survey. Since December 1871, referred to canal gages (above 30.0 ft or 9.14 m only, since December 1949), and since September 1934 to December 1964, referred to bridge gage, in reports of Mississippi River Commission. January 1937 to December 1967, referred to bridge gage; and since 1967, referred to gage 1.1 mi (1.8 km) upstream, in reports of Corps of Engineers. Since May 1873, in reports of U.S. Weather Bureau.

Extremes of stage intermittently 1828-71 and continuous since 1871, extremes of discharge for various years 1858-1926 and continuous since 1926, annual mean discharges since 1871, and records of daily discharge 1928 to 1964 are available in reports of Mississippi River Commission. Since January 1947 daily discharge in reports of Corps of Engineers. Prior to October 1968, published as Mississippi River near Vicksburg.

GAGE.--Water-stage recorder (bridge gage) maintained by the Geological Survey. Supplementary water-stage recorder on left bank at site 1.1 mi (1.8 km) upstream, maintained by Corps of Engineers. Datum of gage is 46.22 ft (14.088 m) above mean sea level (Corps of Engineers bench mark) or 46.16 ft (14.070 m) above mean Gulf level. See WRD LA 1969 or WRD MISS 1973 for history of changes prior to water year 1970 and for history of gages used by the various data-collecting agencies. All gages at same datum, but readings differ due to slope of water surface between them.

AVERAGE DISCHARGE.--45 years, 562,400 ft^3/s (15,930 m^3/s), 407,500,000 acre-ft/yr (502 km^3/yr).

EXTREMES.--1972-73: Maximum daily discharge, 1,962,000 ft^3/s (55,600 m^3/s) May 12; maximum gage height, 50.67 ft (15.444 m) May 14 at bridge gage, 53.10 ft (16.185 m) at supplementary recorder; minimum daily discharge, 291,000 ft^3/s (8,240 m^3/s) Sept. 26, minimum gage height, 9.00 ft (2.743 m) at supplementary recorder.

Period of record: Maximum discharge, 2,080,000 ft^3/s (58,900 m^3/s) Feb. 17, 1937; maximum gage height, 53.2 ft (16.22 m) Feb. 21, 1937; minimum discharge, 99,400 ft^3/s (2,820 m^3/s) Nov. 1, 1939; minimum gage height, -7.02 ft (-2.140 m) Feb. 3, 1940 (ice jam above).

Maximum stage known since at least 1871, 58.4 ft (17.80 m), Corps of Engineers gage on Yazoo diversion canal; approximately 56.0 ft (17.07 m) May 4, 1927 (Geological Survey gage).

REMARKS.--Records excellent. Natural flow of stream affected by many reservoirs and navigation dams.

COOPERATION.--Supplementary gage-height record, one hundred nineteen discharge measurements, and records of daily discharge furnished by Corps of engineers. Records reviewed by Geological Survey.

REVISIONS.--WSP 747: Drainage area.

NOTE.--Records for 1974 and 1975 water years are not available in time for inclusion in this report. They will be published in a subsequent report.

MISSISSIPPI RIVER MAIN STEM

07295100 Mississippi River at Tarbert Landing, Miss.

LOCATION.--Lat 31°00'30", long 91°37'25", in lot 6, T.1 N., R.5 W., Wilkinson County, near left bank at Tarbert Landing, 2.5 mi (4.0 km) upstream from Lower Old River, 8.2 mi (13.2 km) downstream from inlet channel to Old River control structure, and at mi 306.3 (492.8 km).

DRAINAGE AREA.--1,128,900 mi^2 (2,924,000 km^2), contributing.

PERIOD OF RECORD.--October 1972 to current year. Elevation, intermittently, 1932 to date; discharge, intermittently, 1911 to 1913, 1928, 1929, and 1932 to 1936; and discharge computed daily since 1936 are in reports of Corps of Engineers.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level.

EXTREMES.--1973-74: Maximum discharge, 1,170,000 ft^3/s (33,100 m^3/s) Feb. 16, elevation, 50.17 ft (15.292 m); minimum daily discharge, 211,000 ft^3/s (5,980 m^3/s) Aug. 12.
Current year: Maximum discharge, 1,220,000 ft^3/s (34,600 m^3/s) Apr. 19, elevation, 55.96 ft (17.057 m); minimum discharge, 187,000 ft^3/s (5,300 m^3/s) Oct. 21, elevation, 14.52 ft (4.426 m).
Period of record: Maximum discharge, 1,500,000 ft^3/s or 42,500 m^3/s May 16, 1973, elevation, 54.61 ft or 16.645 m, minimum, 187,000 ft^3/s or 5,300 m^3/s Oct. 21, 1975, elevation, 14.52 ft or 4.426 m.
Maximum discharge observed since at least 1936, 1,980,000 ft^3/s or 56,100 m^3/s Feb. 19, 1937.

REMARKS.--Natural flow of stream affected by many reservoirs and navigation dams.

COOPERATION.--Records of daily discharge furnished by Corps of Engineers.

DISCHARGE, IN THOUSANDS OF CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	222	394	599	740	1,080	892	923	725	650	731	249	230
2	225	374	656	772	1,100	892	908	701	660	692	239	229
3	227	360	700	836	1,090	890	876	688	664	654	231	235
4	231	346	740	860	1,090	891	846	678	693	647	224	248
5	231	350	767	884	1,100	895	820	655	698	628	221	272
6	235	357	785	911	1,100	892	796	638	714	632	224	291
7	271	374	798	945	1,120	873	794	623	709	613	228	307
8	307	394	826	944	1,110	855	805	603	709	602	232	325
9	336	402	844	947	1,100	816	783	584	720	601	225	340
10	359	403	861	947	1,130	813	774	574	726	589	225	353
11	377	397	878	966	1,150	802	751	558	743	587	222	356
12	394	386	892	970	1,150	800	763	546	761	566	211	373
13	408	374	909	973	1,140	755	796	537	767	544	233	382
14	415	362	933	985	1,140	734	847	538	801	518	238	396
15	418	349	946	996	1,160	726	793	530	816	502	236	394
16	423	342	954	999	1,170	718	789	522	826	482	232	387
17	427	334	962	1,020	1,170	742	774	504	813	463	231	378
18	430	328	968	1,010	1,130	767	778	492	827	444	239	363
19	427	321	950	1,000	1,110	777	756	481	844	418	248	352
20	425	318	954	998	1,090	794	760	473	855	398	262	345
21	430	311	925	988	1,060	814	775	496	864	363	274	340
22	435	302	886	990	1,060	820	754	503	857	343	277	336
23	439	299	834	987	1,050	823	765	520	858	322	268	335
24	437	305	805	1,010	1,010	839	766	529	847	314	259	338
25	437	314	801	1,030	967	877	773	536	852	304	252	336
26	439	327	791	1,030	940	872	758	576	847	291	248	331
27	434	355	774	1,050	924	871	743	588	842	291	245	316
28	430	407	724	1,080	900	869	760	603	820	284	238	296
29	427	454	717	1,090	------	852	772	616	797	268	236	281
30	420	530	715	1,070	------	837	748	609	762	269	230	279
31	411	------	720	1,080	------	881	------	637	------	263	229	------
TOTAL	11,527	10,869	25,614	30,108	30,341	25,679	23,746	17,863	23,342	14,623	7,406	9,744
MEAN	372	362	826	971	1,084	828	792	576	778	472	239	325
MAX	439	530	968	1,090	1,170	895	923	725	864	731	277	396
MIN	222	299	599	740	900	718	743	473	650	263	211	229
AC-FT	22,860	21,560	50,810	59,720	60,180	50,930	47,100	35,430	46,300	29,000	14,690	19,330

CAL YR 1973 TOTAL 262,716 MEAN 720 MAX 1,500 MIN 207.0 AC-FT 521,100
WTR YR 1974 TOTAL 230,862 MEAN 632 MAX 1,170 MIN 211.0 AC-FT 457,900

07295100 Mississippi River at Tarbert Landing, Miss.--Continued

DISCHARGE, IN THOUSANDS OF CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	271	199	431	450	597	716	975	865	748	546	312	238
2	270	205	432	450	595	716	1,000	844	727	523	317	230
3	263	210	434	452	596	719	1,030	854	707	503	313	236
4	253	215	441	459	606	744	1,050	860	688	491	316	243
5	246	214	436	468	623	765	1,050	872	671	485	310	249
6	246	214	437	483	643	788	1,040	876	653	482	306	260
7	248	228	450	505	661	794	1,030	925	639	478	299	271
8	244	240	417	535	681	810	1,060	928	641	472	297	280
9	240	270	411	549	702	815	1,090	956	635	462	294	286
10	236	287	401	570	721	821	1,100	959	620	452	289	294
11	233	315	401	592	738	821	1,120	922	606	428	283	302
12	228	343	406	598	747	819	1,140	925	592	406	276	307
13	223	373	420	609	757	823	1,110	952	585	422	269	307
14	213	405	427	619	756	835	1,130	938	576	439	259	302
15	205	446	436	630	754	842	1,120	967	562	427	257	297
16	199	449	447	644	757	850	1,170	1,040	551	418	257	296
17	197	453	445	652	763	862	1,180	1,010	547	406	253	298
18	197	448	443	663	757	880	1,210	996	544	386	249	285
19	195	451	440	676	775	886	1,220	973	545	368	247	283
20	192	448	431	688	791	890	1,180	985	539	364	248	287
21	189	439	431	700	780	893	1,190	964	532	358	250	294
22	199	435	431	709	766	900	1,200	971	529	337	253	302
23	203	434	433	718	746	908	1,110	913	528	318	258	312
24	210	432	453	713	726	921	1,090	908	538	313	263	305
25	212	427	443	707	727	931	1,070	899	552	304	270	285
26	215	424	438	690	729	935	993	889	558	304	275	286
27	215	425	440	668	738	912	945	878	571	307	276	288
28	211	427	442	647	731	885	896	845	578	309	275	295
29	209	430	446	625	------	907	857	816	571	306	266	306
30	203	430	456	605	------	930	851	789	562	303	256	315
31	198	------	456	597	------	955	------	770	------	301	248	------
TOTAL	6,863	10,716	13,455	18,671	19,963	26,273	32,207	28,289	17,895	12,418	8,541	8,539
MEAN	221	357	434	602	713	848	1,074	913	597	401	276	285
MAX	271	453	456	718	791	955	1,220	1,040	748	546	317	315
MIN	189	199	401	450	595	716	851	770	528	301	247	230
AC-FT	13,610	21,260	26,690	37,030	39,600	52,110	63,880	56,110	35,490	24,630	16,940	16,940

CAL YR 1974 TOTAL 213,886 MEAN 586 MAX 1,170 MIN 189.0 AC-FT 424,200
WTR YR 1975 TOTAL 203,830 MEAN 558 MAX 1,220 MIN 189.0 AC-FT 404,300

07344400 Red River near Hosston, La.

LOCATION.--Lat 32°53'35", long 93°49'20", in SW¼ sec.16, T.22 N., R.14 W., Caddo-Bossier Parish line, near left bank on downstream side of bridge on State Highway 2, 1.8 mi (2.9 km) downstream from Dry Bayou, and 3.2 mi (5.1 km) east of Hosston.

DRAINAGE AREA.--57,041 mi^2 (147,736 km^2), of which 5,936 mi^2 (15,374 km^2) above Denison Dam is noncontributing.

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to current year (discharge below 5,000 ft^3/s or 142 m^3/s only).

GAGE.--Nonrecording gage read once daily. Datum of gage is 161.56 ft (49.244 m) above mean sea level (levels by Corps of Engineers). Prior to Feb. 20, 1962, water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--11 years (1958-68), 17,920 ft^3/s (507 m^3/s), 12,980,000 acre-ft/yr (16.0 km^3/yr).

EXTREMES.--Current year: Maximum gage height, 19.50 ft (5.944 m) Nov. 13, discharge not determined; minimum daily discharge, 3,820 ft^3/s (108 m^3/s) Sept. 15.
Period of record: Maximum discharge, 214,000 ft^3/s (6,060 m^3/s) May 7, 1958 (gage height, 27.89 ft or 8.501 m); minimum daily, 803 ft^3/s (22.7 m^3/s) Sept. 16, 17, 1972.

REMARKS.--Records fair. Regulation since July 1942 by Lake Texoma (capacity, 5,392,900 acre-ft or 6.65 km^3), since July 1953 by Texarkana Reservoir (capacity, 2,654,300 acre-ft or 3.27 km^3), and since August 1966 by Millwood Lake (capacity, 1,854,900 acre-ft or 2.29 km^3). Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

Sept. 14	4,630	Sept. 19	4,600
Sept. 15	3,820	Sept. 20	4,350
Sept. 16	3,940	Sept. 21	4,110
Sept. 17	4,350	Sept. 22	4,400
Sept. 18	4,600		

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.37	9.52	17.71	10.07	7.30	13.97	15.59	8.15	15.35	11.94	5.61	4.50
2	17.15	12.85	17.82	10.30	9.57	14.08	16.07	9.30	15.51	12.14	6.14	4.35
3	16.55	16.39	17.45	10.65	13.70	14.04	16.30	11.29	15.05	11.74	7.92	4.18
4	15.85	17.83	16.88	10.98	17.15	13.89	16.29	12.69	14.61	11.10	10.30	4.20
5	15.19	17.59	16.21	11.44	17.90	13.77	16.15	13.52	14.50	10.35	10.98	4.22
6	14.45	17.38	15.63	11.73	16.92	13.65	15.84	14.33	14.58	9.40	11.05	4.16
7	13.69	17.58	15.34	11.72	16.34	13.10	15.44	15.10	15.12	--	10.94	4.11
8	12.94	18.67	16.05	11.94	16.04	12.57	15.02	15.67	15.12	--	10.68	3.94
9	12.34	19.11	16.72	11.91	16.25	12.30	14.45	15.88	14.72	--	9.70	3.97
10	11.78	19.07	16.65	11.74	16.68	12.20	13.86	15.89	14.82	--	8.44	4.08
11	11.03	18.85	16.32	11.52	16.37	12.30	14.04	15.87	14.86	--	7.37	4.17
12	10.65	19.03	15.93	11.30	15.52	12.90	14.94	15.45	15.50	--	6.78	4.03
13	10.42	19.41	15.72	11.25	15.04	13.70	14.71	14.47	17.28	--	6.45	3.78
14	10.14	19.42	15.74	11.20	15.20	14.02	13.97	13.75	17.98	--	6.33	3.42
15	9.90	18.55	15.83	11.15	15.23	14.17	13.07	13.02	17.29	--	6.21	3.12
16	9.55	17.89	15.02	11.01	14.78	14.42	12.25	12.37	16.08	--	6.07	3.17
17	9.11	18.10	14.45	10.77	14.24	14.47	11.49	11.81	15.63	--	6.04	3.30
18	8.68	18.49	13.92	10.48	13.69	14.53	10.78	12.30	15.91	--	5.98	3.38
19	8.28	18.50	12.82	10.00	13.24	14.85	10.50	13.37	16.47	--	5.92	3.38
20	8.04	18.27	12.06	9.63	12.79	15.50	9.98	13.02	16.52	--	5.98	3.30
21	7.84	17.30	11.55	9.02	11.69	15.61	9.83	12.31	15.95	--	6.21	3.22
22	7.45	16.81	11.21	8.35	10.92	15.42	9.64	11.77	14.97	--	6.18	3.31
23	7.03	16.44	11.03	7.84	10.53	14.98	9.45	11.41	14.03	--	6.03	4.46
24	6.68	16.31	10.92	7.50	10.50	13.88	9.32	10.84	13.24	4.47	5.93	4.95
25	6.60	17.22	10.35	7.08	10.51	13.93	9.35	10.17	12.45	4.54	5.86	4.87
26	6.25	18.47	9.98	6.75	11.10	13.54	9.19	9.52	11.42	4.48	5.77	4.63
27	5.68	18.43	9.87	6.50	12.05	13.30	8.75	8.95	10.50	4.37	5.48	4.48
28	5.14	17.82	9.67	6.32	13.54	13.23	8.34	8.29	9.94	4.58	5.25	4.43
29	6.78	17.19	9.64	6.25	------	13.24	8.04	8.68	9.50	4.95	5.08	4.12
30	7.98	17.32	9.72	6.25	------	13.45	7.85	12.10	9.57	5.65	4.92	3.88
31	8.62	------	9.85	6.24	------	15.25	------	14.35	------	5.73	4.60	------
MAX	17.37	19.42	17.82	11.94	17.90	15.61	16.30	15.89	17.98	12.14	11.05	4.95
MIN	5.14	9.52	9.64	6.24	7.30	12.20	7.85	8.15	9.50	--	4.60	3.12

07344450 Paw Paw Bayou near Greenwood, La.

LOCATION.--Lat 32°31'00", long 93°58'20", in SE¼ sec.26, T.18 N., R.16 W., Caddo Parish, near center of span on downstream side of bridge on State Highway 169, 1 mi (2 km) upstream from Cross Lake, 5.1 mi (8.2 km) north of Greenwood, and 11 mi (18 km) west of Shreveport.

DRAINAGE AREA.--78 mi^2 (202 km^2).

PERIOD OF RECORD.--October 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 170.35 ft (51.923 m) above mean sea level (Louisiana Geodetic Survey bench mark).

AVERAGE DISCHARGE.--20 years, 65.1 ft^3/s (1.844 m^3/s), 11.33 in/yr (288 mm/yr), 47,200 acre-ft/yr (58.2 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 2,360 ft^3/s (66.8 m^3/s) Feb. 3 (gage height, 10.61 ft or 3.234 m); no flow Sept. 28-30. Period of record: Maximum discharge, 7,310 ft^3/s (207 m^3/s) Apr. 27, 1958 (gage height, 13.84 ft or 4.218 m), from rating curve extended above 2,400 ft^3/s (68.0 m^3/s); no flow at times each year.

REMARKS.--Records fair. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	118	233	79	169	81	65	247	20	44	.86	.55
2	2.3	250	116	82	679	66	47	149	14	12	.70	.52
3	1.8	184	61	311	1,960	51	36	622	10	20	1.0	.49
4	1.4	49	41	568	1,340	274	27	1,190	7.9	81	6.5	.25
5	1.2	42	31	470	859	490	23	654	6.6	119	4.9	.22
6	1.1	52	209	161	536	374	20	237	5.8	28	2.6	.16
7	.76	29	631	142	215	130	19	65	5.0	9.9	1.9	.08
8	.65	19	643	530	95	78	18	37	5.0	6.0	24	2.0
9	.60	18	263	741	73	54	27	26	19	4.4	42	3.2
10	.52	45	79	690	60	149	84	20	197	8.4	9.9	1.8
11	.44	253	154	862	51	241	45	17	194	42	4.8	1.1
12	.41	331	305	705	47	127	25	15	45	25	3.0	.82
13	.38	155	243	409	39	266	28	13	19	10	2.1	.70
14	.41	45	98	235	33	902	181	18	12	5.2	1.6	.66
15	.55	25	73	124	34	669	196	155	60	3.4	1.2	.58
16	.47	19	80	87	237	272	74	609	165	2.6	.95	.55
17	.99	43	60	68	438	137	39	678	52	2.1	8.2	.55
18	1.4	212	45	63	382	223	27	327	18	1.7	9.1	.25
19	1.1	167	36	66	139	380	21	52	11	1.4	3.2	.18
20	1.1	90	31	60	72	287	17	27	8.8	1.2	2.3	.12
21	.83	62	27	46	54	102	13	460	5.7	1.0	1.6	.06
22	.69	37	23	36	47	67	11	1,030	4.4	.90	1.1	.02
23	.58	25	21	31	72	55	10	515	4.3	.80	2.6	.02
24	.49	106	21	28	78	45	10	101	4.8	.66	2.3	.01
25	.45	488	20	32	67	35	10	38	3.8	.62	1.8	.01
26	.42	616	20	40	46	28	9.4	33	3.2	4.4	1.3	.01
27	.36	300	19	34	45	67	8.2	25	4.2	4.0	1.2	.01
28	4.6	81	22	29	67	88	8.2	19	28	2.3	1.0	0
29	80	49	28	26	------	160	14	61	19	2.5	.86	0
30	117	153	47	25	------	294	149	78	88	1.6	.74	0
31	33	------	72	24	------	146	------	36	------	1.3	.66	----
TOTAL	259.30	4,063	3,752	6,804	7,934	6,338	1,261.8	7,554	1,040.5	447.38	145.97	14.92
MEAN	8.36	135	121	219	283	204	42.1	244	34.7	14.4	4.71	.50
MAX	117	616	643	862	1,960	902	196	1,190	197	119	42	3.2
MIN	.36	18	19	24	33	28	8.2	13	3.2	.62	.66	0
CFSM	.11	1.73	1.55	2.81	3.63	2.62	.54	3.13	.44	.18	.06	.006
IN.	.12	1.94	1.79	3.24	3.78	3.02	.60	3.60	.50	.21	.07	.007
AC-FT	514	8,060	7,440	13,500	15,740	12,570	2,500	14,980	2,060	887	290	30

CAL YR 1974 TOTAL 43,766.60 MEAN 120 MAX 1,550 MIN 0 CFSM 1.54 IN 20.87 AC-FT 86,810
WTR YR 1975 TOTAL 39,614.87 MEAN 109 MAX 1,960 MIN 0 CFSM 1.40 IN 18.89 AC-FT 78,580

PEAK DISCHARGE (BASE, 800 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	1130	9.09	904	5- 4	0545	9.85	1,550
2- 3	1000	10.61	2,360	5-21	2215	9.52	1,230
3-14	1145	9.27	1,030				

07344450 Paw Paw Bayou near Greenwood, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.77	5.04	6.75	4.47	5.61	4.51	4.10	6.87	2.74	3.47	1.39	1.27
2	1.63	7.00	5.21	4.53	8.47	4.12	3.60	5.75	2.50	2.40	1.35	1.26
3	1.54	6.19	3.98	7.25	10.38	3.71	3.27	8.24	2.31	2.57	1.42	1.26
4	1.47	3.65	3.41	8.33	9.68	6.96	2.98	9.49	2.17	4.51	2.05	--
5	1.44	3.43	3.13	8.03	8.96	8.12	2.82	8.52	2.08	5.32	1.93	--
6	1.40	3.74	6.07	5.87	8.23	7.60	2.74	6.53	2.01	2.98	1.67	--
7	1.35	3.03	8.46	5.44	6.48	5.49	2.68	4.09	1.95	2.29	1.57	--
8	1.32	2.69	8.51	8.18	4.85	4.45	2.65	3.29	1.95	2.03	2.54	1.44
9	1.30	2.68	6.78	8.73	4.32	3.80	2.95	2.93	2.63	1.89	3.42	1.70
10	1.28	3.45	4.45	8.62	3.96	5.56	4.58	2.73	6.22	2.15	2.28	1.49
11	1.25	6.99	5.68	8.97	3.71	6.81	3.53	2.63	6.18	3.46	1.91	1.37
12	1.24	7.55	7.31	8.64	3.60	5.47	2.91	2.54	3.52	2.91	1.69	1.32
13	1.23	5.72	6.77	7.83	3.37	6.72	2.99	2.44	2.71	2.30	1.54	1.30
14	1.24	3.53	4.91	6.74	3.18	9.02	6.12	2.64	2.41	1.96	1.44	1.29
15	1.29	2.91	4.32	5.42	3.21	8.56	6.35	5.01	3.81	1.77	1.38	--
16	1.26	2.69	4.51	4.66	6.57	6.95	4.32	8.43	6.03	1.67	1.33	--
17	1.40	3.41	3.98	4.20	7.95	5.63	3.35	8.59	3.70	1.60	1.94	--
18	1.47	6.59	3.54	4.06	7.68	6.54	2.98	7.15	2.64	1.54	2.22	--
19	1.42	6.03	3.27	4.14	5.59	7.75	2.77	3.73	2.37	1.48	1.71	--
20	1.41	4.76	3.12	3.98	4.30	7.09	2.61	2.98	2.22	--	1.57	--
21	1.36	4.01	2.98	3.58	3.79	4.97	2.46	7.43	2.00	--	1.45	--
22	1.33	3.28	2.85	3.28	3.59	4.16	2.36	9.25	1.89	--	1.36	--
23	1.30	2.90	2.78	3.11	4.28	3.82	2.33	8.11	1.87	--	1.61	1.11
24	1.26	4.54	2.75	3.01	4.44	3.55	2.31	4.78	1.93	1.34	1.57	1.10
25	1.26	8.08	2.75	3.16	4.15	3.25	2.30	3.32	1.82	1.33	1.47	1.09
26	1.25	8.45	2.73	3.40	3.58	3.01	2.26	3.19	1.75	1.80	1.40	1.09
27	1.23	7.07	2.71	3.22	3.55	4.14	2.19	2.90	1.85	1.84	1.39	1.09
28	1.64	4.50	2.78	3.03	4.16	4.69	2.19	2.69	2.99	1.63	1.36	1.09
29	4.30	3.66	3.00	2.94	------	5.79	2.49	3.92	2.64	1.65	1.33	1.09
30	5.26	5.68	3.61	2.90	------	7.24	5.58	4.45	4.69	1.51	1.31	1.09
31	3.16	------	4.30	2.87	------	5.65	------	3.27	------	1.45	1.29	------
MAX	5.26	8.45	8.51	8.97	10.38	9.02	6.35	9.49	6.22	5.32	3.42	1.70
MIN	1.23	2.68	2.71	2.87	3.18	3.01	2.19	2.44	1.75	1.33	1.29	1.09

07348000 Twelvemile Bayou near Dixie, La.

LOCATION.--Lat 32°38'45", long 93°52'40", in NW¼NW¼ sec.14, T.19 N., R.15 W., Caddo Parish, near right bank on downstream side of pier of bridge on State Highway 173, 0.1 mi (0.2 km) downstream from Cottonwood Bayou, 4.2 mi (6.8 km) southwest of Dixie, 5.5 mi (8.8 km) downstream from Caddo Lake, and 17.3 mi (27.8 km) upstream from mouth.

DRAINAGE AREA.--3,137 mi^2 (8,125 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 140.00 ft (42.672 m) above mean sea level. Prior to Sept. 5, 1947, nonrecording gage and Sept. 5, 1947, to Sept. 30, 1950, water-stage recorder at datum 5.88 ft (1.792 m) higher. Oct. 1, 1950, to Sept. 30, 1962, water-stage recorder at datum 3.88 ft (1.183 m) higher. Nonrecording gage for Red River at Shreveport (sta 07348500) read once daily used as auxiliary gage for this station.

AVERAGE DISCHARGE.--33 years, 2,653 ft^3/s (75.13 m^3/s), 11.48 in/yr (292 mm/yr), 1,922,000 acre-ft/yr (2.37 km^3/yr).

EXTREMES.--Current year: Maximum discharge, 18,700 ft^3/s (530 m^3/s) Feb. 9 (gage height, 29.58 ft or 9.016 m); maximum daily reverse flow, 50 ft^3/s (1.42 m^3/s) Aug. 5 (backwater from Red River); minimum daily discharge (unaffected by backwater), 19 ft^3/s (0.538 m^3/s) Sept. 26-29; minimum gage height, 0.21 ft (0.064 m) Sept. 19.
Period of record: Maximum discharge, 38,400 ft^3/s (1,090 m^3/s) May 5, 1958; maximum daily reverse flow, 50 ft^3/s (1.42 m^3/s) Aug. 5, 1975 (backwater from Red River); maximum gage height, 39.53 ft (12.049 m) Apr. 5, 1945, and May 5, 1958, present datum; minimum discharge (unaffected by backwater), 0.08 ft^3/s (0.002 m^3/s) Aug. 24, 1972; minimum gage height, 0.21 ft (0.064 m) Sept. 19, 1975.

REMARKS.--Records good except those for periods of no gage-height record, which are poor. Flow regulated by Ellison Creek (usable capacity, 24,500 acre-ft or 30.2 hm^3) since January 1943; Lake O' the Pines (usable capacity, 839,200 acre-ft or 1.03 km^3, of which 587,200 acre-ft or 0.724 km^3 is available for flood storage) since August 1957; and Caddo Lake (usable capacity, 170,000 acre-ft or 210 hm^3). See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WSP 1211: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,460	3,500	10,200	5,860	4,950	6,980	7,760	4,000	6,480	2,400	160	40
2	5,200	4,000	9,970	5,780	9,720	6,640	7,690	4,720	6,040	2,310	330	39
3	4,980	4,200	9,560	7,510	13,600	6,320	7,190	8,900	5,640	2,330	417	37
4	4,840	4,900	9,310	8,160	15,700	7,520	6,550	11,300	5,110	2,460	406	35
5	4,660	6,000	9,060	7,830	17,000	7,800	6,190	11,800	4,650	2,400	-50	33
6	4,540	6,700	10,300	7,580	17,900	7,580	5,950	12,300	4,290	1,760	10	36
7	4,400	7,500	11,500	7,450	18,400	7,420	5,720	12,800	3,930	1,680	217	34
8	4,370	8,700	11,600	8,360	18,600	6,760	5,610	12,900	3,710	1,450	350	29
9	4,200	9,400	11,400	8,020	18,600	6,160	5,880	12,900	4,050	1,350	850	28
10	4,050	9,700	10,900	9,120	18,400	6,600	6,470	13,000	5,430	1,400	572	34
11	3,870	10,800	10,900	9,480	18,000	6,490	6,140	12,900	5,120	1,070	185	38
12	3,650	11,300	10,900	9,000	17,400	6,820	6,090	12,500	4,430	1,130	215	40
13	3,390	10,900	10,700	8,690	16,700	8,350	5,810	11,500	4,170	1,000	240	41
14	3,130	10,400	10,500	8,080	16,000	9,700	6,870	10,600	4,230	590	232	43
15	3,090	9,600	10,500	7,500	15,100	9,590	7,120	10,200	5,880	496	218	44
16	2,900	9,020	10,300	7,000	14,400	9,790	6,670	11,900	6,790	455	205	32
17	2,630	9,350	9,790	6,460	13,600	9,930	6,190	12,800	6,150	426	204	27
18	2,250	10,200	9,200	6,150	12,800	10,700	6,020	13,000	5,650	465	188	23
19	1,940	10,300	8,710	5,930	11,900	11,200	5,810	13,100	5,350	313	155	22
20	1,780	9,980	8,280	5,460	10,400	11,200	5,420	12,800	5,300	280	80	25
21	1,690	9,390	7,840	4,840	9,090	11,100	5,130	12,800	4,840	239	122	22
22	1,660	8,970	7,360	4,350	8,440	10,800	4,960	13,200	4,190	249	181	21
23	1,640	8,510	6,890	4,190	8,720	10,400	4,790	13,000	3,640	238	173	21
24	1,630	9,160	6,690	4,020	7,940	10,100	4,600	12,500	3,200	116	122	20
25	1,610	10,200	6,470	3,930	7,010	9,400	4,300	11,600	3,000	127	57	20
26	1,590	10,400	5,980	3,600	6,430	8,520	3,970	10,700	2,800	178	54	19
27	1,590	10,100	6,020	3,550	6,150	8,500	3,630	9,600	2,700	183	52	18
28	1,590	9,580	5,870	3,390	6,530	8,630	3,470	8,260	2,600	178	45	19
29	1,950	9,350	5,810	3,250	------	9,170	3,420	7,620	2,500	170	38	19
30	2,600	9,990	5,770	3,090	------	9,010	3,750	7,220	2,500	151	40	23
31	2,800	------	5,870	3,020	------	8,270	------	7,100	------	156	40	------
TOTAL	95,680	262,100	274,150	190,650	359,480	267,450	169,170	339,520	134,370	27,750	6,108	882
MEAN	3,086	8,737	8,844	6,150	12,840	8,627	5,639	10,950	4,479	895	197	29.4
MAX	5,460	11,300	11,600	9,480	18,600	11,200	7,760	13,200	6,790	2,460	850	44
MIN	1,590	3,500	5,770	3,020	4,950	6,160	3,420	4,000	2,500	116	-50	18
CFSM	.98	2.79	2.82	1.96	4.09	2.75	1.80	3.49	1.43	.29	.06	.009
IN.	1.13	3.11	3.25	2.26	4.26	3.17	2.01	4.03	1.59	.33	.07	.01
AC-FT	189,800	519,900	543,800	378,200	713,000	530,500	335,500	673,400	266,500	55,040	12,120	1,750

CAL YR 1974 TOTAL 1,697,127 MEAN 4,650 MAX 15,100 MIN 25 CFSM 1.48 IN 20.13 AC-FT 3,366,000
WTR YR 1975 TOTAL 2,127,310 MEAN 5,828 MAX 18,600 MIN -50 CFSM 1.86 IN 25.23 AC-FT 4,220,000

07348000 Twelvemile Bayou near Dixie, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.64	--	21.89	16.09	14.48	17.60	18.98	13.00	17.28	--	1.76	.46
2	17.14	--	21.74	15.97	20.92	17.18	18.97	14.11	16.80	9.32	2.92	.45
3	16.68	--	21.36	18.26	25.34	16.75	18.40	--	16.22	9.40	3.34	.41
4	16.22	--	20.97	19.08	27.24	18.27	17.68	--	15.36	9.56	3.56	.38
5	15.70	--	20.58	18.66	28.33	18.63	17.23	--	14.63	9.31	3.84	.34
6	15.28	--	21.63	18.35	29.01	18.35	16.86	--	14.09	7.52	4.46	.39
7	14.86	--	22.95	18.19	29.34	18.15	16.46	--	13.83	7.08	4.77	.36
8	14.40	--	23.12	19.32	29.51	17.32	16.23	--	13.41	6.46	5.00	.27
9	13.98	--	22.84	18.90	29.53	16.51	16.50	--	13.69	6.17	5.35	.26
10	13.58	--	22.30	20.28	29.36	17.13	17.17	--	15.78	6.32	4.20	.35
11	13.11	--	22.30	20.72	29.07	16.98	17.06	--	15.40	5.40	2.34	.44
12	12.52	23.32	22.34	20.12	28.65	17.40	16.76	--	14.44	5.55	2.24	.46
13	11.84	22.98	22.14	19.74	28.10	19.31	16.46	--	14.45	5.20	2.36	.48
14	11.14	22.39	21.89	18.97	27.46	21.00	17.68	--	15.28	4.00	2.30	.53
15	11.02	21.57	21.87	18.25	26.75	20.86	17.78	--	17.05	3.66	2.20	.55
16	10.50	20.75	21.68	17.62	26.10	21.10	17.21	23.44	17.85	3.50	2.11	.38
17	9.77	21.05	21.10	16.94	25.28	21.26	16.56	24.40	16.94	3.38	2.10	.30
18	8.73	22.02	20.37	16.50	24.42	22.40	16.32	24.70	16.25	3.54	1.98	.24
19	7.87	22.07	19.76	16.18	23.40	22.67	16.02	24.75	15.98	2.83	1.72	.23
20	7.41	21.74	19.22	15.47	21.77	22.67	15.41	24.44	15.95	2.63	1.00	.30
21	7.18	21.02	18.68	14.49	20.24	22.56	14.97	24.45	15.25	2.35	1.42	--
22	7.07	20.42	18.08	13.82	19.42	22.22	14.68	24.84	14.03	2.42	1.92	--
23	7.04	19.84	17.49	13.35	19.78	21.78	14.40	24.71	12.95	2.34	1.86	--
24	6.99	20.56	17.24	13.03	18.80	21.42	14.08	24.08	--	1.36	1.42	--
25	6.94	21.94	16.96	12.84	17.64	20.62	13.54	23.06	--	1.47	.72	.26
26	6.88	22.06	16.26	12.11	16.90	19.53	12.92	--	--	1.90	.68	.27
27	6.88	21.99	16.31	11.99	16.50	19.50	12.17	--	--	1.94	.64	.26
28	6.88	21.36	16.10	11.59	17.04	19.66	11.79	19.20	--	1.90	.54	.27
29	7.89	21.00	16.01	11.26	------	20.34	11.67	18.40	--	1.84	.42	.28
30	9.70	21.69	15.96	10.85	------	20.14	12.45	17.90	--	1.68	.46	.34
31	--	------	16.10	10.65	------	19.44	------	17.75	------	1.73	.46	------
MAX	17.65	--	23.12	20.72	29.53	22.67	18.98	--	17.85	--	5.35	.55
MIN	6.88	--	15.96	10.65	14.48	16.51	11.67	13.00	--	1.36	.42	.23

NOTE.--Gage heights for period July 2 to September 20 computed from twice-daily wire-weight gage readings.

07348500 Red River at Shreveport, La.

LOCATION.--Lat 32°30'55", long 93°44'25", in SE¼SE¼ sec.30, T.18 N., R.13 W., Caddo Parish, on second pier from east bank, at Illinois Central Railroad Co. bridge at Shreveport, 0.5 mi (0.8 km) downstream from Cross Bayou.

DRAINAGE AREA.--60,613 mi^2 (156,988 km^2), of which 5,936 mi^2 (15,374 km^2) above Denison Dam is noncontributing.

PERIOD OF RECORD.--August 1928 to current year. Daily gage heights since May 1873 and discharge intermittently 1872 to 1905 in reports of Mississippi River Commission.

GAGE.--Water-stage recorder. Datum of gage is 131.48 ft (40.075 m) above mean sea level (levels by Corps of Engineers). Prior to June 1, 1918, nonrecording gage at same site at datum 10 ft (3.05 m) higher.

AVERAGE DISCHARGE.--46 years (1928-74), 24,500 ft^3/s (694 m^3/s), 17,750,000 acre-ft/yr (21.89 km^3/yr).
47 years, 24,930 ft^3/s (706 m^3/s), 18,060,000 acre-ft/yr (22.27 km^3/yr).

EXTREMES.--Current year: Maximum daily discharge, 119,000 ft^3/s (3,370 m^3/s) Nov. 14, gage height, 22.90 ft (6.980 m); minimum daily, 4,500 ft^3/s (127 m^3/s) Sept. 21, gage height, 4.25 ft (1.295 m).
1973-74: Maximum daily discharge, 140,000 ft^3/s (3,960 m^3/s) Dec. 6; minimum daily, 3,600 ft^3/s (102 m^3/s) Aug. 14.
Period of record: Maximum discharge, 303,000 ft^3/s (8,580 m^3/s) Apr. 5, 1945 (discharge measurement), maximum gage height, 37.9 ft (11.55 m) in gage well, 38.4 ft (11.70 m) from outside gage, Apr. 7, 1945; minimum discharge, 690 ft^3/s (19.5 m^3/s) Oct. 30, 1956; minimum gage height, 0.24 ft (0.073 m) Nov. 9, 1939.
Maximum stage known, 45.9 ft (13.99 m), present datum, in August 1849.

REMARKS.--Regulation by Lake Texoma, Millwood Reservoir, and Texarkana Reservoir.

COOPERATION.--Gage-height record, and computations of daily discharge furnished by Corps of Engineers.

REVISION (WATER YEARS).--WSP 1211: Drainage area. WSP 1920: 1960(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16,000	32,000	127,000	51,000	53,000	25,000	16,000	43,000	15,000	21,000	6,500	13,000
2	33,000	57,000	120,000	48,000	52,000	22,000	16,000	40,000	16,000	19,000	6,600	18,000
3	43,000	67,000	118,000	47,000	46,000	20,000	15,000	38,000	16,000	19,000	6,500	18,000
4	39,000	75,000	133,000	46,000	38,000	18,000	14,000	37,000	16,000	18,000	6,500	20,000
5	35,000	75,000	139,000	42,000	36,000	16,000	13,000	51,000	16,000	17,000	6,000	25,000
6	32,000	78,000	140,000	38,000	34,000	14,000	12,000	70,000	18,000	17,000	5,300	29,000
7	29,000	82,000	139,000	34,000	32,000	13,000	12,000	83,000	22,000	16,000	5,300	29,000
8	26,000	78,000	130,000	33,000	30,000	11,000	11,000	88,000	37,000	16,000	5,400	28,000
9	23,000	76,000	117,000	32,000	29,000	10,000	11,000	82,000	63,000	16,000	5,300	28,000
10	22,000	61,000	105,000	37,000	26,000	9,800	12,000	72,000	87,000	16,000	5,000	26,000
11	24,000	47,000	93,000	41,000	24,000	10,000	13,000	67,000	100,000	15,000	4,600	24,000
12	26,000	40,000	87,000	45,000	24,000	12,000	13,000	63,000	105,000	14,000	4,100	23,000
13	28,000	37,000	80,000	54,000	21,000	13,000	13,000	56,000	110,000	13,000	3,800	23,000
14	31,000	35,000	76,000	59,000	19,000	16,000	11,000	47,000	114,000	12,000	3,600	39,000
15	41,000	33,000	65,000	58,000	19,000	19,000	9,500	39,000	114,000	11,000	3,700	56,000
16	66,000	29,000	56,000	59,000	19,000	23,000	9,100	34,000	112,000	10,000	4,000	63,000
17	82,000	27,000	53,000	58,000	17,000	31,000	9,000	30,000	109,000	9,400	4,200	63,000
18	87,000	25,000	49,000	54,000	16,000	35,000	10,000	26,000	100,000	9,000	5,400	62,000
19	83,000	24,000	46,000	49,000	16,000	34,000	11,000	25,000	91,000	9,000	8,900	61,000
20	73,000	25,000	47,000	46,000	15,000	32,000	12,000	24,000	83,000	8,700	12,000	64,000
21	59,000	25,000	46,000	42,000	17,000	30,000	12,000	23,000	75,000	8,500	12,000	66,000
22	50,000	26,000	46,000	44,000	22,000	28,000	17,000	21,000	70,000	9,000	11,000	65,000
23	44,000	25,000	46,000	48,000	23,000	28,000	30,000	19,000	66,000	8,600	10,000	57,000
24	39,000	26,000	51,000	54,000	23,000	26,000	35,000	17,000	58,000	8,800	10,000	53,000
25	36,000	37,000	53,000	59,000	22,000	24,000	40,000	16,000	51,000	9,400	10,000	55,000
26	35,000	55,000	56,000	56,000	22,000	23,000	49,000	15,000	44,000	9,600	9,300	58,000
27	34,000	73,000	59,000	50,000	24,000	24,000	56,000	13,000	37,000	9,000	8,800	60,000
28	33,000	95,000	64,000	49,000	26,000	24,000	57,000	12,000	30,000	8,300	8,500	70,000
29	32,000	120,000	63,000	49,000	------	25,000	52,000	12,000	27,000	7,100	7,500	83,000
30	31,000	127,000	57,000	52,000	------	24,000	47,000	11,000	23,000	6,600	6,900	86,000
31	31,000	------	55,000	54,000	------	18,000	------	12,000	------	6,300	7,300	------
TOTAL	1,263.0M	1,612.0M	2,516.0M	1,488.0M	745,000	657,800	637,600	1,186.0M	1,825.0M	377,300	214,000	1,365.0M
MEAN	40,740	53,730	81,160	48,000	26,610	21,220	21,250	38,260	60,830	12,170	6,903	45,500
MAX	87,000	127,000	140,000	59,000	53,000	35,000	57,000	88,000	114,000	21,000	12,000	86,000
MIN	16,000	24,000	46,000	32,000	15,000	9,800	9,000	11,000	15,000	6,300	3,600	13,000
AC-FT	2,505M	3,197M	4,990M	2,951M	1,478M	1,305M	1,265M	2,352M	3,620M	748,400	424,500	2,707M

CAL YR 1973 TOTAL 18,730,700 MEAN 51,320 MAX 154,000 MIN 4,900 AC-FT 37,150,000
WTR YR 1974 TOTAL 13,886,700 MEAN 38,050 MAX 140,000 MIN 3,600 AC-FT 27,540,000

07348500 Red River at Shreveport, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87,000	27,000	87,000	30,000	16,000	52,000	74,000	23,000	70,000	35,000	12,000	8,400
2	85,000	35,000	93,000	30,000	27,000	52,000	79,000	27,000	71,000	39,000	12,000	7,700
3	79,000	68,000	93,000	34,000	50,000	51,000	80,000	41,000	68,000	39,000	16,000	7,100
4	71,000	91,000	89,000	38,000	91,000	50,000	80,000	51,000	61,000	37,000	25,000	6,900
5	67,000	99,000	81,000	39,000	115,000	50,000	79,000	55,000	59,000	34,000	31,000	7,900
6	57,000	97,000	77,000	42,000	112,000	49,000	76,000	58,000	57,000	29,000	33,000	7,900
7	51,000	101,000	76,000	43,000	100,000	46,000	71,000	71,000	65,000	25,000	33,000	7,500
8	45,000	110,000	78,000	45,000	95,000	41,000	66,000	75,000	62,000	21,000	32,000	7,100
9	41,000	115,000	85,000	46,000	95,000	38,000	62,000	78,000	57,000	19,000	29,000	6,900
10	39,000	118,000	87,000	48,000	98,000	36,000	38,000	78,000	58,000	17,000	24,000	7,000
11	36,000	114,000	85,000	48,000	93,000	36,000	54,000	78,000	59,000	16,000	19,000	7,600
12	33,000	114,000	81,000	44,000	87,000	37,000	62,000	75,000	62,000	15,000	16,000	8,200
13	32,000	116,000	76,000	41,000	80,000	45,000	66,000	66,000	76,000	14,000	15,000	7,600
14	30,000	119,000	73,000	40,000	79,000	59,000	62,000	57,000	86,000	13,000	14,000	6,300
15	29,000	115,000	72,000	39,000	78,000	62,000	55,000	51,000	76,000	11,000	13,000	5,400
16	27,000	102,000	72,000	38,000	77,000	64,000	46,000	53,000	70,000	9,700	13,000	4,900
17	25,000	93,000	64,000	36,000	72,000	65,000	42,000	49,000	67,000	8,500	13,000	5,200
18	23,000	99,000	57,000	34,000	65,000	68,000	38,000	50,000	65,000	8,000	12,000	5,200
19	21,000	102,000	52,000	32,000	60,000	70,000	35,000	56,000	70,000	7,600	12,000	5,100
20	19,000	99,000	48,000	30,000	56,000	74,000	33,000	55,000	73,000	6,400	13,000	4,800
21	18,000	92,000	44,000	26,000	48,000	78,000	32,000	53,000	68,000	6,100	13,000	4,500
22	16,000	86,000	41,000	24,000	41,000	76,000	31,000	50,000	61,000	5,300	13,000	5,100
23	15,000	77,000	39,000	22,000	40,000	70,000	30,000	48,000	56,000	6,700	13,000	6,600
24	14,000	73,000	37,000	20,000	36,000	65,000	29,000	45,000	48,000	7,900	13,000	9,200
25	13,000	77,000	35,000	19,000	34,000	61,000	29,000	41,000	45,000	8,000	12,000	9,700
26	12,000	91,000	33,000	16,000	36,000	56,000	28,000	37,000	40,000	7,900	12,000	9,200
27	11,000	97,000	31,000	15,000	39,000	53,000	26,000	33,000	36,000	7,800	12,000	8,600
28	11,000	92,000	30,000	14,000	46,000	52,000	26,000	30,000	33,000	7,800	11,000	8,100
29	12,000	85,000	29,000	14,000	------	51,000	24,000	30,000	30,000	8,300	9,500	7,600
30	16,000	84,000	29,000	14,000	------	56,000	23,000	40,000	30,000	9,300	9,200	7,100
31	22,000	------	29,000	15,000	------	63,000	------	58,000	------	11,000	9,000	------
TOTAL	1,057.0M	2,788.0M	1,903.0M	976,000	1,866.0M	1,726.0M	1,476.0M	1,612.0M	1,779.0M	490,300	513,700	210,400
MEAN	34,100	92,930	61,390	31,480	66,640	55,680	49,200	52,000	59,300	15,820	16,570	7,013
MAX	87,000	119,000	93,000	48,000	115,000	78,000	80,000	78,000	86,000	39,000	33,000	9,700
MIN	11,000	27,000	29,000	14,000	16,000	36,000	23,000	23,000	30,000	5,300	9,000	4,500
AC-FT	2,097M	5,530M	3,775M	1,936M	3,701M	3,424M	2,928M	3,197M	3,529M	972,500	1,019M	417,300

CAL YR 1974 TOTAL 14,243,700 MEAN 39,020 MAX 119,000 MIN 3,600 AC-FT 28,250,000
WTR YR 1975 TOTAL 16,397,400 MEAN 44,920 MAX 119,000 MIN 4,500 AC-FT 32,520,000

07348700 Bayou Dorcheat near Springhill, La.

LOCATION.--Lat 32°59'40", long 93°23'47", in NE¼NE¼ sec.16, T.23 N., R.10 W., Webster Parish, near left bank on downstream side of bridge on State Highway 157, 0.4 mi (0.6 km) downstream from Crooked Creek, 1.7 mi (2.7 km) downstream from Arkansas-Louisiana State line, and 4.2 mi (6.8 km) southeast of intersection of State Highways 7 and 157 at Springhill, La.

DRAINAGE AREA.--605 mi^2 (157 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 173.91 ft (53.008 m) above mean sea level.

AVERAGE DISCHARGE.--18 years, 592 ft^3/s (16.77 m^3/s), 13.29 in/yr (338 mm/yr), 428,900 acre-ft/yr (529 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 15,600 ft^3/s (442 m^3/s) Feb. 4 (gage height, 17.07 ft or 5.203 m); minimum, 7.7 ft^3/s (0.22 m^3/s) Sept. 30 (gage height, 3.70 ft or 1.128 m).
Period of record: Maximum discharge, 36,400 ft^3/s (1,030 m^3/s) Apr. 28, 1958 (gage height, 22.79 ft or 6.946 m); no flow Oct. 10-14, 1957.

REMARKS.--Records good above 200 ft^3/s (5.66 m^3/s) and fair below. See page 55 for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--Revised figures of discharge, in cubic feet per second, and gage height, in feet, superseding figures published in WRD LA, 1974 are given below:

Date	Discharge	Date	Gage Height	Discharge
Oct. 17	752	Oct. 22		1,710
18	1,030	23		1,340
19	1,690	24		1,050
20	2,190	Nov. 10		959
21	2,090	Dec. 25	12.96	2,410

Month	Cfs-days	Mean	Per square mile	Inches	Ac-ft
Oct. 1973	16,188	522	.86	1.00	32,110
Nov. 1973	34,278	1,143	1.89	2.11	67,990
Dec. 1973	99,902	3,223	5.33	6.14	198,200
Calendar year 1973	460,842	1,263	2.09	28.34	914,100
Water year 1974	566,207	1,551		34.81	1,123,000

07348700 Bayou Dorcheat near Springhill, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,490	150	2,010	897	1,900	1,010	2,530	891	710	80	38	53
2	1,540	200	1,930	1,060	5,000	894	2,170	1,120	683	73	40	37
3	1,360	300	1,860	1,350	12,200	790	1,760	3,820	528	82	56	33
4	1,120	400	1,820	1,620	15,100	754	1,410	9,860	373	76	119	30
5	914	600	1,760	1,840	11,700	721	1,140	9,060	245	55	91	29
6	589	800	1,960	1,970	7,520	686	855	8,480	170	48	108	33
7	445	900	2,030	2,100	5,080	659	653	6,150	160	49	106	33
8	275	1,000	2,080	2,180	3,670	647	512	4,230	166	50	85	30
9	196	1,100	2,230	2,070	2,780	630	618	3,450	377	41	68	30
10	160	1,300	2,390	3,420	2,210	686	898	3,340	966	38	60	29
11	140	1,500	2,450	5,880	1,820	739	942	2,980	1,440	63	58	26
12	130	1,600	2,300	7,740	1,540	936	997	2,260	3,530	38	49	22
13	110	1,780	2,080	7,470	1,350	1,670	1,010	1,760	3,160	44	38	20
14	100	2,000	1,930	5,300	1,170	2,780	1,120	1,560	2,280	78	34	20
15	95	2,000	2,000	3,870	1,010	4,050	1,020	1,760	1,690	115	42	19
16	95	1,890	1,860	3,000	1,070	4,420	1,030	1,890	1,330	125	42	18
17	100	1,860	1,730	2,430	1,100	3,840	1,110	1,780	1,000	91	41	19
18	110	1,800	1,630	2,070	1,110	3,260	1,110	1,880	719	57	67	20
19	130	1,690	1,550	1,810	1,230	2,780	1,010	1,950	569	39	51	20
20	160	1,660	1,440	1,590	1,360	2,440	843	1,770	514	31	28	19
21	220	1,650	1,320	1,420	1,350	2,250	665	1,770	476	26	27	18
22	250	1,590	1,160	1,290	1,250	2,060	482	1,450	383	23	35	16
23	270	1,470	984	1,170	1,170	1,820	335	1,180	263	21	69	14
24	260	1,440	828	1,030	1,140	1,560	253	891	178	19	133	13
25	270	1,510	706	904	1,130	1,360	210	700	209	19	172	11
26	220	1,450	612	793	1,110	1,180	187	624	266	20	149	9.9
27	180	1,450	561	703	1,100	1,120	177	578	222	22	97	8.8
28	150	1,580	549	641	1,080	1,040	231	459	176	24	75	9.1
29	130	1,820	589	598	------	1,300	396	364	132	40	84	8.4
30	120	2,030	663	561	------	1,620	785	379	100	51	77	7.8
31	130	------	773	549	------	2,770	------	530	------	42	61	------
TOTAL	12,179	40,520	47,785	69,326	89,250	52,452	26,459	78,916	23,015	1,580	2,200	656.0
MEAN	393	1,351	1,541	2,236	3,188	1,692	882	2,546	767	51.0	71.0	21.9
MAX	1,490	2,030	2,450	7,740	15,100	4,420	2,530	9,860	3,530	125	172	53
MIN	95	150	549	549	1,010	630	177	364	100	19	27	7.8
CFSM	.65	2.23	2.55	3.70	5.27	2.80	1.46	4.21	1.27	.08	.12	.04
IN.	.75	2.49	2.94	4.26	5.49	3.23	1.63	4.85	1.42	.10	.14	.04
AC-FT	24,160	80,370	94,780	137,500	177,000	104,000	52,480	156,500	45,650	3,130	4,360	1,300

CAL YR 1974 TOTAL 516,323.0 MEAN 1,415 MAX 21,900 MIN 16 CFSM 2.34 IN 31.75 AC-FT 1,024,000
WTR YR 1975 TOTAL 444,338.0 MEAN 1,217 MAX 15,100 MIN 7.8 CFSM 2.01 IN 27.32 AC-FT 881,300

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-12	1930	15.30	8,500	5- 4	1500	15.94	11,100
2- 4	0900	17.07	15,600	6-12	1600	13.72	3,830
3-16	0430	14.03	4,530				

07348700 Bayou Dorcheat near Springhill, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.66	--	12.67	10.98	12.23	11.27	13.03	10.98	10.30	5.59	4.73	5.06
2	12.38	--	12.61	11.38	14.17	10.98	12.79	11.50	10.18	5.45	4.77	4.71
3	12.05	--	12.55	11.98	16.29	10.61	12.47	13.55	9.50	5.61	5.12	4.59
4	11.63	--	12.52	12.34	16.97	10.47	12.08	15.73	8.65	5.51	6.23	4.51
5	11.05	--	12.47	12.54	16.17	10.34	11.55	15.52	7.74	5.10	5.77	4.45
6	10.20	--	12.63	12.64	15.06	10.20	10.84	15.35	6.98	4.96	6.06	4.58
7	9.07	--	12.69	12.74	14.25	10.09	10.06	14.63	6.84	4.98	6.02	4.59
8	7.97	--	12.72	12.80	13.64	10.04	9.42	13.91	6.94	5.00	5.67	4.51
9	7.30	--	12.83	12.71	13.18	9.97	9.87	13.53	8.52	4.80	5.36	4.49
10	--	--	12.94	13.48	12.81	10.20	10.99	13.48	11.16	4.73	5.21	4.45
11	--	--	12.98	14.54	12.52	10.42	11.12	13.29	11.96	5.26	5.17	4.34
12	--	--	12.88	15.12	12.26	11.01	11.25	12.85	13.57	4.73	4.99	4.20
13	--	12.51	12.72	15.04	11.97	12.34	11.28	12.46	13.38	4.86	4.72	4.14
14	--	12.66	12.61	14.34	11.63	13.17	11.51	12.29	12.86	5.54	4.62	4.14
15	--	12.65	12.65	13.74	11.27	13.83	11.30	12.46	12.41	6.17	4.83	4.09
16	--	12.58	12.55	13.30	11.42	14.00	11.33	12.58	11.93	6.32	4.82	4.05
17	--	12.55	12.44	12.97	11.47	13.73	11.49	12.49	11.24	5.76	4.79	4.09
18	--	12.50	12.36	12.71	11.49	13.44	11.49	12.57	10.33	5.15	5.34	4.11
19	--	12.40	12.27	12.51	11.75	13.17	11.28	12.62	9.69	4.74	5.01	4.11
20	--	12.38	12.13	12.31	11.99	12.97	10.80	12.48	9.44	4.53	4.43	4.11
21	--	12.38	11.91	12.10	11.98	12.85	10.11	12.48	9.24	4.37	4.39	4.06
22	--	12.32	11.61	11.87	11.80	12.71	9.27	12.14	8.72	4.26	4.64	4.00
23	--	12.19	11.21	11.61	11.62	12.51	8.41	11.65	7.88	4.16	5.37	3.92
24	--	12.14	10.75	11.33	11.57	12.29	7.81	10.95	7.07	4.09	6.45	3.87
25	--	12.23	10.29	11.01	11.55	12.00	7.43	10.26	7.39	4.07	7.01	3.82
26	--	12.16	9.89	10.62	11.50	11.64	7.18	9.94	7.91	4.10	6.70	3.77
27	--	12.16	9.66	10.27	11.49	11.53	7.07	9.74	7.54	4.21	5.86	3.73
28	--	12.30	9.61	10.01	11.44	11.34	7.53	9.15	7.06	4.28	5.49	3.75
29	--	12.52	9.79	9.83	------	11.87	8.79	8.60	6.44	4.77	5.65	3.73
30	--	12.69	10.11	9.66	------	12.27	10.55	8.70	5.93	5.02	5.53	3.71
31	--	------	10.55	9.60	------	13.17	------	9.50	------	4.83	5.23	------
MAX	12.66	12.69	12.98	15.12	16.97	14.00	13.03	15.73	13.57	6.32	7.01	5.06
MIN	--	--	9.61	9.60	11.27	9.97	7.07	8.60	5.93	4.07	4.39	3.71

07348800 Flat Lick Bayou near Leton, La.

LOCATION.--Lat 32°46'11", long 93°15'58", in NW¼ sec.35, T.21 N., R.9 W., Webster Parish, near left bank on downstream side of bridge on State Highway 159, 0.5 mi (0.8 km) downstream from Cypress Creek, 6 mi (10 km) upstream from mouth, and 6.5 mi (10.5 km) south of Leton.

DRAINAGE AREA.--66.9 mi^2 (173 km^2).

PERIOD OF RECORD.--Annual maximums, water years 1954-56 and occasional low-flow measurements, water years 1955-56. October 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 182.79 ft (55.714 m) above mean sea level. Nov. 9, 1953, to Sept. 13, 1956, crest-stage gage at datum 35.21 ft (10.732 m) lower.

AVERAGE DISCHARGE.--19 years, 64.0 ft^3/s (1.812 m^3/s), 12.99 in/yr (330 mm/yr), 46,370 acre-ft/yr (57.2 hm^3).

EXTREMES.--Current year: Maximum discharge, 4,760 ft^3/s (135 m^3/s) May 3 (gage height, 10.92 ft or 3.328 m); minimum, 0.49 ft^3/s (0.014 m^3/s) Sept. 30 (gage height, 1.73 ft or 0.527 m).
Period of record: Maximum discharge, 10,200 ft^3/s (289 m^3/s) Apr. 26, 1958 (gage height, 12.95 ft or 3.947 m), from rating curve extended above 4,200 ft^3/s (119 m^3/s) by velocity-area study; no flow at times in 1957-58, 1960, 1963-72.

REMARKS.--Records fair. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	79	75	60	1,360	132	160	175	30	9.9	9.4	3.4
2	26	107	62	54	1,380	104	112	183	26	8.6	23	2.9
3	20	73	51	93	2,030	82	89	2,210	22	10	10	2.8
4	16	62	44	104	1,400	178	73	2,160	19	8.8	9.9	2.3
5	14	89	40	84	844	186	62	710	18	7.6	8.8	2.0
6	11	75	350	66	513	134	54	388	18	6.7	8.1	4.8
7	10	53	423	89	328	104	48	1,060	24	5.7	7.2	2.4
8	10	60	402	230	194	80	45	1,140	83	112	6.7	5.4
9	9.7	65	192	190	142	71	161	496	99	1,480	6.1	5.9
10	8.6	115	97	485	119	259	245	347	748	1,030	5.9	4.2
11	7.6	326	171	645	107	267	131	270	991	1,770	6.1	2.7
12	7.0	278	190	540	92	235	66	200	474	573	6.1	1.7
13	6.5	173	140	320	77	1,740	74	150	163	235	5.6	1.5
14	6.4	85	102	186	69	1,550	316	100	84	86	5.0	1.4
15	6.6	59	114	147	78	600	276	200	82	51	4.6	1.3
16	6.5	52	127	125	410	375	146	350	95	37	4.4	1.2
17	6.1	87	98	106	550	260	84	500	71	30	6.1	1.8
18	5.7	136	76	220	377	405	66	350	47	27	19	1.2
19	5.3	113	66	265	185	432	52	200	34	22	10	1.0
20	4.8	82	59	250	112	312	42	100	28	17	8.1	1.0
21	4.5	60	51	167	92	156	35	120	25	14	21	.90
22	4.3	48	46	113	83	117	29	170	36	13	15	.80
23	4.2	42	42	91	148	101	27	120	57	11	9.4	.70
24	4.1	86	41	81	147	97	25	80	32	12	7.2	.60
25	4.1	186	39	85	104	77	21	55	26	11	6.5	.58
26	4.1	163	37	75	80	72	19	45	22	8.8	7.0	.58
27	3.9	110	41	64	72	128	16	40	18	8.6	5.7	.55
28	10	76	42	55	102	345	23	35	20	10	5.0	.55
29	107	61	50	50	------	790	38	50	14	11	4.4	.52
30	99	77	59	46	------	587	207	75	12	9.6	4.2	.52
31	63	------	66	99	------	328	------	50	------	9.1	3.8	------
TOTAL	532.0	3,078	3,393	5,185	11,195	10,274	2,742	12,129	3,418	5,645.4	259.3	57.20
MEAN	17.2	103	109	167	400	331	91.4	391	114	182	8.36	1.91
MAX	107	326	423	645	2,030	1,740	316	2,210	991	1,770	23	5.9
MIN	3.9	42	37	46	69	71	16	35	12	5.7	3.8	.52
CFSM	.26	1.54	1.63	2.50	5.98	4.95	1.37	5.84	1.70	2.72	.13	.03
IN.	.30	1.71	1.89	2.88	6.23	5.71	1.52	6.74	1.90	3.14	.14	.03
AC-FT	1,060	6,110	6,730	10,280	22,210	20,380	5,440	24,060	6,780	11,200	514	113

CAL YR 1974 TOTAL 49,324.20 MEAN 135 MAX 1,920 MIN .42 CFSM 2.02 IN 27.43 AC-FT 97,830
WTR YR 1975 TOTAL 57,907.90 MEAN 159 MAX 2,210 MIN .52 CFSM 2.38 IN 32.20 AC-FT 114,900

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-10	1700	8.66	844	5- 3	1830	10.92	4,760
2- 3	0330	9.66	2,210	5- 7	1315	9.76	2,370
2-17	unknown	unknown	about 550	5-17	unknown	unknown	about 500
3-13	1415	9.92	2,660	6-10	2215	9.14	1,430
3-28	2400	8.82	1,010	7-11	0615	9.73	2,320

07348800 Flat Lick Bayou near Leton, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.52	4.48	4.42	4.09	9.07	5.49	5.85	6.01	--	2.44	2.42	2.12
2	3.25	5.03	4.15	3.95	9.10	4.97	5.14	5.71	2.90	2.39	2.79	2.08
3	3.06	4.37	3.88	4.76	9.55	4.55	4.68	9.66	2.81	2.45	2.46	2.07
4	2.93	4.14	3.71	4.98	9.11	6.12	4.37	9.63	2.73	2.40	2.44	2.03
5	2.83	4.69	3.62	4.58	8.65	6.22	4.13	8.41	2.68	2.35	2.40	2.00
6	2.74	4.41	6.97	4.23	8.07	5.51	3.95	7.52	2.69	2.31	2.37	2.19
7	2.68	3.94	7.81	4.60	7.30	4.98	3.82	8.50	2.84	2.26	2.33	2.03
8	2.67	4.10	7.72	6.58	6.28	4.51	3.76	8.98	4.06	4.52	2.31	2.24
9	2.66	4.21	6.16	6.25	5.64	4.32	5.49	8.01	4.31	9.18	2.28	2.27
10	2.60	4.84	4.85	7.67	5.26	6.78	6.70	7.29	8.11	8.83	2.27	2.17
11	2.54	7.30	5.98	8.38	5.03	6.88	5.37	6.56	8.77	9.36	2.28	2.06
12	2.50	6.98	6.25	8.14	4.74	6.53	4.23	--	7.83	8.13	2.28	1.96
13	2.47	6.02	5.60	7.23	4.46	9.10	4.33	--	5.22	6.09	2.25	1.94
14	2.45	4.60	4.93	6.21	4.29	9.19	7.13	--	4.09	4.10	2.22	1.93
15	2.47	4.06	5.18	5.73	4.41	8.27	6.94	--	4.05	3.50	2.20	1.91
16	2.47	3.91	5.40	5.37	7.75	7.59	5.61	--	4.27	3.19	2.19	1.89
17	2.44	4.63	4.86	5.01	--	6.81	4.60	--	3.87	2.99	2.26	1.98
18	2.41	5.55	4.44	6.47	7.60	7.69	4.23	--	3.42	2.93	2.70	1.89
19	2.38	5.16	4.23	6.88	6.16	7.84	3.91	--	3.10	2.80	2.45	1.87
20	2.34	4.55	4.06	6.75	5.14	7.18	3.66	--	2.95	2.67	2.37	1.86
21	2.31	4.09	3.88	6.00	4.74	5.86	3.47	--	2.87	2.59	2.75	1.83
22	2.28	3.83	3.76	5.16	4.58	5.24	3.32	--	3.15	2.53	2.61	--
23	2.27	3.67	3.68	4.72	5.67	4.92	3.28	--	3.60	2.47	2.42	--
24	2.27	4.53	3.66	4.54	5.72	4.85	3.22	--	3.04	2.49	2.33	1.75
25	2.26	6.22	3.59	4.60	4.98	4.46	3.11	--	2.90	2.48	2.30	1.76
26	2.26	5.47	3.54	4.42	4.51	4.34	3.03	--	2.79	2.40	2.32	1.76
27	2.24	5.08	3.63	4.18	4.36	5.43	2.95	--	2.68	2.39	2.26	1.75
28	2.55	4.42	3.66	3.98	4.92	6.51	3.12	--	2.74	2.45	2.22	1.75
29	5.02	4.12	3.86	3.88	------	8.60	3.55	--	2.57	2.47	2.19	1.74
30	4.88	4.46	4.08	3.78	------	8.24	6.27	--	2.50	2.43	2.17	1.74
31	4.15	------	4.23	4.30	------	7.28	------	--	------	2.41	2.15	------
MAX	5.02	7.30	7.81	8.38	9.55	9.19	7.13	9.66	8.77	9.36	2.79	2.19
MIN	2.24	3.67	3.54	3.78	4.29	4.32	2.95	--	2.50	2.26	2.15	1.74

07349000 Bayou Dorcheat near Minden, La.

LOCATION.--Lat 32°35'55", long 93°19'59", in NW¼ sec.31, T.19 N., R.9 W., Webster Parish, on left bank 500 ft (152 m) upstream from bridge on U. S. Highway 80, 0.7 mi (1.1 km) upstream from Louisiana and Arkansas Railway Co. bridge, 3.0 mi (4.8 km) west of Minden, and 28 mi (45 km) upstream from Bistineau Dam.

DRAINAGE AREA.--1,097 mi^2 (2,841 km^2).

PERIOD OF RECORD.--July 1928 to September 1931, October 1936 to current year. Monthly discharge only for some periods, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 133.75 ft (40.767 m) above mean sea level (levels by Corps of Engineers). Prior to Mar. 1, 1940, nonrecording gage at same site and datum. Since July 29, 1953, supplementary water-stage recorder 4.6 mi (7.4 km) upstream from base gage at different datum used for low stages.

AVERAGE DISCHARGE.--42 years, 1,147 ft^3/s (32.48 m^3/s), 14.20 in/yr (361 mm/yr), 831,000 acre-ft/yr (1.02 km^3/yr).

EXTREMES.--Current year: Maximum discharge, 22,500 ft^3/s (637 m^3/s) Feb. 6 (gage height, 22.35 ft or 6.812 m); minimum daily discharge, 28 ft^3/s (0.79 m^3/s) Sept. 28-30; minimum gage height, 1.63 ft (0.497 m) Sept. 30.
Period of record: Maximum discharge, 44,800 ft^3/s (1,270 m^3/s) May 1, 1958 (gage height, 24.90 ft or 7.590 m); no flow at times in 1954, 1956, 1964, 1969, 1972.

REMARKS.--Records fair. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1211: Drainage area. WSP 1241: 1941.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,430	950	2,500	1,200	1,410	2,180	4,130	948	1,100	256	70	86
2	2,370	1,150	2,450	1,300	2,160	2,100	4,200	1,350	935	197	100	83
3	2,360	1,350	2,400	1,400	4,240	2,010	4,220	2,540	876	190	150	80
4	2,340	1,500	2,350	1,600	13,200	2,060	4,160	5,110	872	180	200	76
5	2,250	1,800	2,350	2,000	20,800	2,050	3,950	10,200	863	146	250	66
6	2,100	2,150	2,600	2,200	21,700	2,000	3,620	14,700	718	121	200	61
7	1,900	2,600	2,800	2,500	18,400	1,890	3,190	14,800	604	108	180	58
8	1,600	3,230	2,930	3,000	14,800	1,740	2,760	14,100	471	96	150	78
9	1,250	3,680	3,040	3,100	11,100	1,600	2,380	12,700	487	97	130	119
10	900	3,800	3,200	3,050	8,240	1,600	2,030	10,800	1,580	688	110	117
11	565	3,900	3,470	3,750	6,640	1,630	1,720	8,920	2,170	1,220	100	93
12	377	3,790	3,670	4,310	5,570	1,780	1,580	7,510	2,980	1,580	90	76
13	281	3,560	3,740	5,400	4,820	2,490	1,640	6,560	3,610	1,920	80	66
14	239	3,320	3,740	7,540	4,080	3,390	2,040	5,800	3,540	1,780	71	57
15	218	3,120	3,760	9,420	3,560	5,050	2,260	5,180	3,440	1,200	66	50
16	207	3,000	3,640	9,340	3,390	6,950	2,320	5,190	3,570	441	57	46
17	199	2,910	3,440	8,010	3,320	7,340	2,320	4,790	3,640	200	54	48
18	259	2,850	3,240	6,870	3,240	7,450	2,300	4,360	3,480	180	46	43
19	392	2,800	3,090	6,010	3,110	7,420	2,200	4,150	3,060	150	60	38
20	474	2,750	3,000	5,270	3,060	6,990	2,030	4,060	2,560	130	106	36
21	507	2,700	2,700	4,570	3,070	6,330	1,860	3,720	1,970	100	144	32
22	514	2,700	2,500	4,060	3,000	5,720	1,660	3,390	1,360	80	124	30
23	498	2,700	2,200	3,580	2,910	5,050	1,460	3,090	1,100	60	100	29
24	452	2,650	2,000	3,110	2,760	4,510	1,240	2,860	990	50	85	30
25	373	2,700	1,800	2,740	2,570	4,080	985	2,700	917	40	73	31
26	297	2,700	1,700	2,380	2,380	3,670	786	2,470	782	40	87	30
27	235	2,700	1,600	2,050	2,220	3,360	665	2,290	665	50	142	30
28	235	2,650	1,500	1,750	2,160	3,140	608	2,090	620	60	167	28
29	491	2,550	1,400	1,510	------	3,290	600	1,930	550	80	157	28
30	612	2,550	1,300	1,310	------	3,840	782	1,820	400	100	124	28
31	757	------	1,200	1,200	------	4,030	------	1,400	------	90	98	------
TOTAL	27,682	80,810	81,310	115,530	177,910	116,740	65,696	171,528	49,910	11,630	3,571	1,673
MEAN	893	2,694	2,623	3,727	6,354	3,766	2,190	5,533	1,664	375	115	55.8
MAX	2,430	3,900	3,760	9,420	21,700	7,450	4,220	14,800	3,640	1,920	250	119
MIN	199	950	1,200	1,200	1,410	1,600	600	948	400	40	46	28
CFSM	.81	2.46	2.39	3.40	5.79	3.43	2.00	5.04	1.52	.34	.10	.05
IN.	.94	2.74	2.76	3.92	6.03	3.96	2.23	5.82	1.69	.39	.12	.06
AC-FT	54,910	160,300	161,300	229,200	352,900	231,600	130,300	340,200	99,000	23,070	7,080	3,320

CAL YR 1974 TOTAL 959,999 MEAN 2,630 MAX 27,100 MIN 23 CFSM 2.40 IN 32.55 AC-FT 1,904,000
WTR YR 1975 TOTAL 903,990 MEAN 2,477 MAX 21,700 MIN 28 CFSM 2.26 IN 30.65 AC-FT 1,793,000

07349000 Bayou Dorcheat near Minden, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.36	6.43	11.29	--	9.64	10.97	13.50	8.73	9.03	7.72	7.33	7.31
2	11.27	7.33	11.17	--	10.92	10.84	13.58	9.52	8.70	7.66	7.39	7.29
3	11.24	8.02	11.07	--	13.57	10.68	13.60	11.53	8.57	7.76	7.54	7.23
4	11.21	8.68	11.03	--	19.38	10.76	13.53	14.51	8.56	7.74	7.42	6.83
5	11.08	9.62	11.04	--	21.98	10.75	13.30	18.22	8.54	7.64	7.37	6.38
6	10.78	10.50	11.45	--	22.18	10.66	12.93	20.01	8.36	7.59	7.37	6.09
7	10.32	11.51	11.87	--	21.34	10.49	12.42	20.06	8.30	7.54	7.37	5.68
8	9.67	12.48	12.08	--	20.07	10.23	11.84	19.78	8.14	7.66	7.37	5.33
9	8.77	13.00	12.24	--	18.59	9.98	11.27	19.21	8.25	7.86	7.36	5.06
10	7.66	13.13	12.44	12.25	17.19	9.99	10.72	18.44	9.94	8.15	7.36	4.78
11	6.50	13.24	12.77	13.08	15.95	10.04	10.20	17.56	10.95	9.27	7.36	4.50
12	5.73	13.12	12.99	13.70	14.97	10.30	9.95	16.68	12.15	9.95	7.34	4.18
13	5.26	12.87	13.07	14.80	14.22	11.44	10.05	15.87	12.92	10.53	7.33	3.88
14	4.92	12.59	13.07	16.71	13.44	12.68	10.73	15.18	12.84	10.30	7.29	3.65
15	4.64	12.34	13.09	17.81	12.87	14.45	11.09	14.58	12.73	9.25	7.27	3.44
16	4.42	12.18	12.96	17.77	12.67	16.22	11.19	14.59	12.88	8.22	7.26	3.34
17	4.22	12.06	12.73	17.04	12.59	16.54	11.19	14.19	12.96	7.85	7.24	3.25
18	4.16	11.94	12.49	16.15	12.49	16.63	11.15	13.76	12.78	7.73	7.23	3.10
19	4.40	11.83	12.30	15.37	12.32	16.61	11.00	13.52	12.26	7.65	7.22	2.94
20	4.64	11.75	--	14.67	12.26	16.25	10.72	13.42	11.55	7.59	7.24	2.73
21	4.75	11.72	--	13.97	12.27	15.66	10.43	13.04	10.62	7.51	7.27	2.57
22	4.78	11.72	--	13.42	12.18	15.11	10.09	12.67	9.55	7.47	7.27	2.42
23	4.72	11.64	--	12.89	12.06	14.45	9.72	12.30	9.05	7.43	7.26	2.29
24	4.54	11.60	--	12.32	11.84	13.91	9.31	11.99	8.82	7.40	7.27	2.19
25	4.25	11.72	--	11.81	11.57	13.44	8.81	11.76	8.66	7.38	7.32	2.08
26	3.84	11.71	--	11.27	11.28	12.99	8.37	11.42	8.36	7.35	7.38	2.00
27	3.52	11.63	--	10.75	11.03	12.64	8.10	11.14	8.10	7.33	7.37	1.91
28	3.51	11.52	--	10.25	10.93	12.36	7.97	10.82	8.00	7.39	7.38	1.82
29	5.56	11.44	--	9.82	------	12.55	7.95	10.55	7.94	7.38	7.37	1.74
30	5.42	11.39	--	9.45	------	13.18	8.36	10.37	7.83	7.35	7.35	1.67
31	5.55	------	--	9.25	------	13.39	------	9.61	------	7.33	7.33	------
MAX	11.36	13.24	13.09	17.81	22.18	16.63	13.60	20.06	12.96	10.53	7.54	7.31
MIN	3.51	6.43	--	--	9.64	9.98	7.95	8.73	7.83	7.33	7.22	1.67

07349250 Lake Bistineau near Ringgold, La.

LOCATION.--Lat 32°19'46", long 93°26'10", in sec.31, T.16 N., R.10 W., Bossier Parish, 40 ft (12 m) above dam near right bank on upstream side of bridge on State Highway 154, 8.5 mi (13.7 km) west of Ringgold city limits, and 17.0 mi (27.4 km) upstream from mouth.

DRAINAGE AREA.--1,443 mi^2 (3,737 km^2).

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

GAGE.--Water-stage recorder and concrete dam. Datum of gage is 130.00 ft (39.624 m) above mean sea level (levels by Louisiana Department of Public Works).

EXTREMES.--Current year: Maximum gage height, 14.56 ft (4.438 m) Feb. 8; minimum, 5.13 ft (1.564 m) Sept. 30 (regulated).
Period of record: Maximum gage height, 14.56 ft (4.438 m) Feb. 8, 1975; minimum, 5.00 ft (1.524 m) Oct. 14, 1970 (regulated).

REMARKS.--Reservoir is formed by an earthfill dam containing a 1,200-ft (366 m) concrete spillway equipped with twelve gates that are 6.0 ft (1.829 m) long and 5.0 ft (1.524 m) high. The flat-crested spillway is 1.75 ft (0.533 m) thick. Built onto the spillway is a fish ladder that is 4 ft (1.219 m) wide and begins flowing at 4.1 ft (1.250 m) gage height. Dam completed in 1935 and enlarged in 1951. Capacity, 120,000 acre-ft (148 hm^3) at 11 ft (3.353 m) gage height. Reservoir is used for flood control and conservation.

REVISIONS.--WRD LA, 1971: Drainage area.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.42	6.55	11.00	10.50	11.61	11.84	12.20	11.72	11.90	11.38	11.14	11.13
2	10.27	6.58	10.97	10.34	11.83	11.83	12.18	11.83	11.75	11.39	11.13	11.12
3	10.11	6.60	10.95	10.28	12.21	11.83	12.16	12.33	11.63	11.49	11.16	10.92
4	9.95	6.67	10.92	10.25	12.57	11.89	12.13	12.76	11.56	11.45	11.18	10.34
5	9.81	6.86	10.88	10.17	13.07	11.88	12.12	12.84	11.53	11.38	11.18	9.90
6	9.71	7.29	11.07	10.14	13.77	11.86	12.09	13.05	11.48	11.30	11.17	9.62
7	9.58	7.65	11.21	10.12	14.33	11.85	12.05	13.55	11.52	11.25	11.15	9.25
8	9.41	7.95	11.26	10.25	14.55	11.82	11.98	13.94	11.56	11.36	11.14	8.89
9	9.23	8.10	11.26	10.35	14.47	11.72	11.97	14.07	11.63	11.58	11.13	8.54
10	9.03	8.41	11.24	10.65	14.13	11.74	11.91	14.00	12.18	11.62	11.13	--
11	8.78	8.90	11.28	11.13	13.71	11.73	11.87	13.81	12.33	11.68	11.12	7.95
12	8.52	9.27	11.33	11.38	13.27	11.72	11.77	13.53	12.23	11.67	11.12	7.76
13	8.25	9.48	11.36	11.49	12.81	11.94	11.78	13.20	12.15	11.68	11.10	7.53
14	7.98	9.77	11.38	11.62	12.47	12.10	11.95	12.90	12.12	11.70	11.10	7.28
15	7.78	9.90	11.50	12.00	12.32	12.17	11.97	12.84	12.25	11.67	11.09	7.06
16	7.51	10.07	11.51	12.46	12.29	12.30	11.94	13.29	12.28	11.60	11.08	6.97
17	7.29	10.23	11.46	12.52	12.23	12.47	11.90	13.11	12.22	11.49	11.07	6.86
18	7.08	10.35	11.38	12.45	12.17	12.63	11.83	12.78	12.13	11.38	11.06	6.69
19	6.93	10.42	11.37	12.39	12.09	12.72	11.90	12.49	12.08	11.33	11.05	6.54
20	6.74	10.51	11.30	12.24	12.02	12.70	11.85	12.30	12.02	11.28	11.07	6.42
21	6.59	10.54	11.22	12.08	11.98	12.64	11.79	12.20	11.96	11.24	11.08	6.26
22	6.47	10.57	11.15	11.93	11.97	12.57	11.75	12.12	11.88	11.19	11.08	6.13
23	6.37	10.59	11.12	11.76	11.98	12.44	11.69	12.06	11.80	11.17	11.08	5.98
24	6.28	10.72	11.07	11.60	11.97	12.37	11.66	12.00	11.76	11.15	11.07	5.82
25	6.17	10.87	11.06	11.45	11.95	12.26	11.64	11.96	11.75	11.14	11.10	5.69
26	6.07	10.95	11.00	11.34	11.93	12.17	11.57	11.95	11.69	11.13	11.18	5.57
27	5.94	10.99	10.90	11.19	11.88	12.10	11.50	11.91	11.61	11.12	11.18	5.45
28	5.90	10.98	10.82	11.07	11.85	12.08	11.46	11.86	11.54	11.16	11.17	5.34
29	6.30	10.99	10.72	11.14	------	12.12	11.50	11.85	11.49	11.18	11.16	5.24
30	6.47	11.04	10.68	11.34	------	12.12	11.67	12.05	11.44	11.18	11.15	5.16
31	6.47	------	10.57	11.43	------	12.17	------	12.04	------	11.16	11.15	------
MAX	10.42	11.04	11.51	12.52	14.55	12.72	12.20	14.07	12.33	11.70	11.18	11.13
MIN	5.90	6.55	10.57	10.12	11.61	11.72	11.46	11.72	11.44	11.12	11.05	5.16

07349500 Bodcau Bayou near Sarepta, La.

LOCATION.--Lat 32°54'18", long 93°28'58", in NW¼ sec.15, T.22 N., R.11 W., Bossier-Webster Parish line, on left bank on downstream side of bridge on State Highway 2, 2.1 mi (3.4 km) northwest of Sarepta, and 9.5 mi (15.3 km) upstream from Caney Creek.

DRAINAGE AREA.--546 mi^2 (1,410 km^2).

PERIOD OF RECORD.--October 1938 to current year. Prior to October 1958, published as Bayou Bodcau near Sarepta.

GAGE.--Water-stage recorder. Datum of gage is 173.91 ft (53.008 m) above mean sea level (levels by Corps of Engineers).

AVERAGE DISCHARGE.--37 years, 594 ft^3/s (16.82 m^3/s), 430,400 acre-ft/yr (531 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 8,350 ft^3/s (236 m^3/s) Feb. 3; maximum gage height, 20.66 ft (6.297 m) Feb. 4; minimum discharge, 6.0 ft^3/s (0.17 m^3/s) Sept. 18 (gage height, 1.95 ft or 0.594 m).
Period of record: Maximum discharge, 18,600 ft^3/s (527 m^3/s) May 2, 1958 (gage height, 25.14 ft or 8.230 m); minimum, 0.1 ft^3/s (0.003 m^3/s) at times in 1939, 1943, 1952, and 1954; minimum gage height, 1.43 ft (0.436 m) Aug. 14-19, 1954.
Flood of May 22, 23, 1930, exceeded 25 ft (7.620 m) and flood in 1905 may have reached a stage of 27 ft (8.230 m), from information by local residents.

REMARKS.--Records good. Water used by paper mill at Springhill is pumped from wells and discharged later as waste into bayou approximately 8 mi (13 km) above station. This discharge is not continuous but is stored in a reservoir and is released whenever the flow of bayou is sufficient to dilute effluent from mill. Some diversion and regulation by Lake Erling (usable capacity, 79,000 acre-ft or 97.4 hm^3) 15 mi (24 km) upstream. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WSP 1211: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,310	1,090	1,910	802	1,340	998	1,750	556	778	192	19	22
2	1,150	1,540	2,050	885	4,140	907	1,530	604	699	165	21	12
3	982	1,720	2,160	1,070	7,430	845	1,260	1,310	572	132	21	9.8
4	834	1,820	2,180	1,240	7,940	930	1,080	3,560	426	155	24	29
5	730	1,870	2,120	1,500	7,070	986	928	5,120	310	161	39	23
6	663	1,840	2,190	1,700	5,720	988	798	4,970	234	145	53	35
7	604	1,790	2,380	1,800	5,490	974	687	4,830	159	124	57	19
8	557	1,750	2,630	1,870	5,050	923	557	5,070	149	122	39	18
9	501	1,720	2,760	1,890	4,550	864	562	5,410	397	75	31	17
10	417	1,740	2,690	3,130	3,980	883	712	5,520	1,030	69	61	15
11	307	1,870	2,560	4,800	3,210	864	878	4,890	1,020	79	71	14
12	225	1,950	2,400	4,840	2,920	985	874	4,090	1,010	108	46	15
13	165	2,020	2,280	4,070	2,560	1,610	739	3,400	955	92	34	13
14	130	2,020	2,230	3,500	2,260	1,900	722	3,010	901	90	26	11
15	145	1,940	2,250	3,100	2,050	2,090	760	3,000	964	76	21	9.6
16	242	1,830	2,210	2,690	1,990	2,090	822	3,240	1,120	49	18	7.8
17	296	1,820	2,130	2,360	1,930	2,040	807	3,430	1,250	54	16	7.5
18	262	1,890	2,010	2,120	1,820	2,230	701	3,280	1,280	62	24	6.4
19	197	1,970	1,860	1,950	1,700	2,650	571	2,880	1,240	41	30	7.0
20	146	2,060	1,700	1,800	1,560	2,940	487	2,410	1,190	34	25	6.2
21	120	2,080	1,540	1,660	1,390	2,940	483	2,100	1,110	35	23	6.3
22	118	2,030	1,400	1,490	1,230	2,710	460	1,920	946	33	34	8.5
23	265	1,920	1,270	1,320	1,150	2,410	424	1,740	797	30	21	9.4
24	384	1,880	1,180	1,220	1,160	2,150	383	1,530	651	24	12	11
25	447	1,920	1,090	1,120	1,190	1,960	339	1,290	510	18	13	7.7
26	502	2,030	1,020	1,020	1,190	1,810	299	1,100	379	20	35	7.7
27	540	2,130	964	928	1,140	1,760	269	913	286	23	29	8.1
28	575	2,110	905	844	1,080	1,710	294	773	243	20	25	9.9
29	669	2,020	832	786	------	1,800	318	721	221	15	20	8.7
30	773	1,930	762	779	------	1,810	553	752	207	17	15	9.1
31	891	------	751	807	------	1,840	------	798	------	19	32	------
TOTAL	15,147	56,300	56,414	59,091	84,640	51,597	21,047	84,217	21,034	2,279	935	383.7
MEAN	489	1,877	1,820	1,906	3,023	1,664	702	2,717	701	73.5	30.2	12.8
MAX	1,310	2,130	2,760	4,840	7,940	2,940	1,750	5,520	1,280	192	71	35
MIN	118	1,090	751	779	1,080	845	269	556	149	15	12	6.2
AC-FT	30,040	111,700	111,900	117,200	167,900	102,300	41,750	167,000	41,720	4,520	1,850	761

CAL YR 1974 TOTAL 444,489.8 MEAN 1,218 MAX 7,960 MIN 7.8 AC-FT 881,600
WTR YR 1975 TOTAL 453,084.7 MEAN 1,241 MAX 7,940 MIN 6.2 AC-FT 898,700

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	1700	-----	5,080	3-20	2115	16.26	3,060
1-12	0430	18.27	-----	5- 9	1300	-----	5,970
2- 3	2300	-----	8,350	5- 9	2330	18.91	-----
2- 4	0515	20.66	-----				

07349500 Bodcau Bayou near Sarepta, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.85	11.80	14.49	10.23	12.32	11.36	14.10	8.59	10.08	5.38	2.43	2.51
2	12.14	13.35	14.80	10.74	16.52	10.87	13.50	8.92	9.56	5.04	2.47	2.19
3	11.27	14.01	15.06	11.72	19.81	10.49	12.65	12.07	8.70	4.59	2.48	2.11
4	10.43	14.27	15.10	12.55	20.57	11.00	11.79	16.14	7.63	4.90	2.56	2.65
5	9.77	14.39	14.97	13.42	19.98	11.30	10.98	18.10	6.64	4.99	2.95	2.53
6	9.33	14.32	15.12	13.95	19.26	11.31	10.20	18.31	5.87	4.77	3.25	2.84
7	8.93	14.19	15.41	14.22	18.77	11.24	9.48	18.19	4.97	4.46	3.35	2.42
8	8.61	14.09	15.78	14.40	18.38	10.96	8.60	18.40	4.83	4.44	2.95	2.39
9	8.20	14.01	15.96	14.44	17.92	10.62	8.63	18.70	7.15	3.67	2.75	2.35
10	7.56	14.08	15.86	15.75	17.37	10.73	9.64	18.79	11.55	3.56	3.40	2.31
11	6.61	14.38	15.68	17.76	16.76	10.61	10.69	18.24	11.49	3.75	3.60	2.27
12	5.76	14.57	15.44	18.19	16.17	11.27	10.67	17.48	11.42	4.21	3.10	2.29
13	5.03	14.73	15.27	17.71	15.68	13.45	9.83	16.74	11.14	3.95	2.83	2.23
14	4.55	14.74	15.19	17.03	15.23	14.45	9.72	16.28	10.84	3.91	2.61	2.15
15	4.76	14.55	15.22	16.39	14.82	14.89	9.96	16.27	11.18	3.69	2.48	2.11
16	5.95	14.29	15.15	15.86	14.68	14.89	10.35	16.56	11.98	3.18	2.39	2.03
17	6.51	14.27	14.98	15.38	14.52	14.78	10.26	16.78	12.60	3.29	2.32	2.02
18	6.17	14.42	14.71	14.97	14.27	15.17	9.58	16.61	12.75	3.43	2.57	1.97
19	5.43	14.62	14.36	14.59	13.97	15.81	8.70	16.11	12.57	2.99	2.72	2.00
20	4.78	14.84	13.96	14.22	13.61	16.19	8.10	15.46	12.33	2.82	2.58	1.97
21	4.41	14.87	13.55	13.86	13.13	16.19	8.07	14.91	11.92	2.85	2.52	1.97
22	4.36	14.76	13.14	13.42	12.51	15.89	7.89	14.50	11.08	2.79	2.82	2.06
23	6.18	14.52	12.71	12.91	12.15	15.47	7.62	14.06	10.20	2.72	2.47	2.10
24	7.30	14.40	12.27	12.45	12.17	15.02	7.28	13.50	9.25	2.57	2.20	2.15
25	7.79	14.50	11.85	11.99	12.32	14.60	6.91	12.74	8.26	2.38	2.24	2.03
26	8.21	14.75	11.49	11.49	12.31	14.23	6.53	11.89	7.25	2.45	2.85	2.03
27	8.48	14.98	11.18	10.98	12.08	14.12	6.24	10.89	6.41	2.52	2.71	2.04
28	8.73	14.94	10.86	10.49	11.76	13.99	6.47	10.05	5.97	2.45	2.59	2.11
29	9.36	14.75	10.42	10.13	------	14.22	6.72	9.71	5.72	2.30	2.43	2.07
30	10.04	14.53	9.98	10.08	------	14.24	8.57	9.91	5.56	2.35	2.30	2.09
31	10.77	------	9.91	10.26	------	14.32	------	10.21	------	2.42	2.76	------
MAX	12.85	14.98	15.96	18.19	20.57	16.19	14.10	18.79	12.75	5.38	3.60	2.84
MIN	4.36	11.80	9.91	10.08	11.76	10.49	6.24	8.59	4.83	2.30	2.20	1.97

07349795 Cypress Bayou above Benton, La.

LOCATION.--Lat 32°47'15", long 93°42'27", in NW¼ sec.28, T.20 N., R.12 W., Bossier Parish, near center of span on downstream side of bridge on State Highway 160, 0.7 mi (1.1 km) southeast of Swindleville, and 1.0 mi (1.6 km) northeast of Alden Bridge.

DRAINAGE AREA.--88.9 mi^2 (230.3 km^2).

PERIOD OF RECORD.--October 1974 to current year.

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

EXTREMES.--Current year: Maximum discharge, 3,970 ft^3/s (112 m^3/s) Feb. 3 (gage height, 11.99 ft or 3.655 m); minimum discharge, 0.15 ft^3/s (0.004 m^3/s) Sept. 29 (gage height, 1.98 ft or 0.604 m).

REMARKS.--Records good except those for periods of no gage-height record, which are poor. Since October 1961, flow regulated by 3 flood-control reservoirs above station (combined capacity of reservoirs, 1,784 acre-ft or 2.20 hm^3). See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	120	355	115	382	211	255	476	58	22	14	2.0
2	70	330	355	120	1,450	198	174	491	44	18	14	1.3
3	50	565	300	235	3,710	139	139	1,030	36	14	41	.93
4	35	655	235	305	2,370	243	113	1,130	31	38	94	.76
5	30	505	200	300	1,090	325	98	878	27	42	44	.57
6	25	316	405	240	689	238	89	543	25	18	30	16
7	25	228	630	210	502	168	82	352	38	12	20	19
8	25	215	790	310	390	137	80	261	114	10	15	11
9	25	165	685	325	301	112	137	248	181	17	40	4.7
10	25	170	515	1,100	233	159	369	307	1,000	36	44	2.4
11	20	405	420	1,500	194	240	444	356	770	211	26	1.5
12	20	390	420	1,400	175	233	313	346	433	367	18	.93
13	20	332	420	1,000	153	635	169	213	180	176	13	.61
14	20	290	370	800	134	931	290	146	88	46	8.6	.57
15	20	190	280	600	129	677	432	212	137	28	5.5	.53
16	30	140	260	500	283	477	379	481	236	19	3.7	.53
17	60	143	207	400	451	359	238	536	139	14	3.0	.53
18	30	435	158	315	382	362	147	401	69	11	16	.50
19	20	760	135	215	251	432	114	225	48	8.4	21	.50
20	20	590	122	185	166	383	89	124	37	6.7	17	.43
21	20	430	110	150	135	277	71	154	31	5.8	11	.35
22	15	285	105	132	126	194	61	219	26	6.7	6.7	.31
23	15	195	95	120	156	159	56	215	21	4.7	4.0	.35
24	15	265	90	110	200	140	55	128	22	4.0	3.2	.40
25	15	500	85	105	181	119	51	90	48	4.4	6.0	.37
26	15	650	80	100	138	102	44	80	34	8.1	20	.27
27	15	690	70	95	121	222	39	67	25	14	21	.22
28	15	510	65	95	138	363	55	61	19	42	13	.19
29	20	390	70	90	------	448	203	75	26	34	8.1	.16
30	40	350	85	90	------	471	406	99	21	25	5.1	.17
31	100	------	105	93	------	385	------	91	------	18	3.0	------
TOTAL	945	11,209	8,222	11,355	14,630	9,539	5,192	10,035	3,964	1,280.8	588.9	68.08
MEAN	30.5	374	265	366	523	308	173	324	132	41.3	19.0	2.27
MAX	100	760	790	1,500	3,710	931	444	1,130	1,000	367	94	19
MIN	15	120	65	90	121	102	39	61	19	4.0	3.0	.16
AC-FT	1,870	22,230	16,310	22,520	29,020	18,920	10,300	19,900	7,860	2,540	1,170	135

WTR YR 1975 TOTAL 77,028.78 MEAN 211 MAX 3,710 MIN .16 AC-FT 152,800

PEAK DISCHARGE (BASE, 900 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	unknown	unknown	1,500	5- 4	0100	10.01	1,200
2- 3	1300	11.99	3,970	6-10	1030	9.97	1,170
3-14	0300	9.76	1,000				

NOTE.--No gage height record Oct. 1 to Nov. 5, Nov. 8-12, 14-16, Nov. 18 to Dec. 16, Dec. 21 to Jan. 21, Jan. 24-29.

07349795 Cypress Bayou above Benton, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	--	--	--	--	7.66	6.72	7.08	8.39	4.30	3.24	2.93	2.36
2	--	--	--	--	10.18	6.57	6.26	8.37	3.95	3.08	2.91	2.30
3	--	--	--	--	11.84	5.76	5.76	9.77	3.69	2.93	3.85	2.25
4	--	--	--	--	10.97	6.92	5.35	9.91	3.53	3.76	5.00	2.22
5	--	--	--	--	9.86	7.57	5.10	9.53	3.41	3.84	3.95	2.18
6	--	8.14	--	--	9.18	6.95	4.93	8.67	3.32	3.10	3.49	2.99
7	--	7.52	--	--	8.53	6.18	4.79	7.72	3.69	2.84	3.15	3.12
8	--	--	--	--	7.94	5.73	4.77	7.14	5.36	2.77	2.95	2.80
9	--	--	--	--	7.42	5.33	5.67	7.05	6.22	3.03	3.83	2.53
10	-	--	--	--	6.92	6.04	7.81	7.45	9.64	3.60	3.93	2.40
11	--	--	--	--	6.53	6.99	8.23	7.75	9.32	6.58	3.37	2.32
12	--	--	--	--	6.28	6.93	7.47	7.69	8.15	7.82	3.08	2.25
13	--	8.10	--	--	5.97	8.79	6.18	6.68	6.24	6.08	2.88	2.19
14	--	--	--	--	5.69	9.63	7.28	5.88	4.92	3.97	2.70	2.18
15	--	--	--	--	5.61	9.11	8.17	6.65	5.69	3.42	2.57	2.17
16	--	--	--	--	7.20	8.40	7.88	8.40	6.95	3.12	2.48	2.17
17	--	5.83	6.69	--	8.27	7.77	6.93	8.68	5.73	2.91	2.44	2.17
18	--	--	6.05	--	7.90	7.78	5.88	8.00	4.54	2.80	3.00	2.16
19	--	--	5.70	--	7.05	8.17	5.37	6.79	4.05	2.69	3.20	2.16
20	--	--	5.50	--	6.15	7.91	4.93	5.53	3.72	2.62	3.03	2.14
21	--	--	--	--	5.71	7.25	4.59	5.97	3.51	2.58	2.80	2.11
22	--	--	--	5.67	5.57	6.52	4.37	6.79	3.36	2.62	2.62	2.09
23	--	--	--	5.46	6.02	6.06	4.28	6.75	3.22	2.53	2.50	2.11
24	--	--	--	--	6.61	5.78	4.26	5.58	3.24	2.50	2.45	2.13
25	--	--	--	--	6.36	5.44	4.18	4.95	4.02	2.52	2.59	2.12
26	--	--	--	--	5.75	5.17	4.04	4.76	3.63	2.68	3.16	2.07
27	--	--	--	--	5.48	6.69	3.92	4.50	3.32	2.91	3.20	2.04
28	--	--	--	--	5.74	7.79	4.23	4.37	3.11	3.85	2.89	2.02
29	--	--	--	--	------	8.25	6.58	4.66	3.38	3.62	2.68	1.99
30	--	--	--	4.97	------	8.37	8.01	5.10	3.21	3.33	2.55	2.00
31	--	------	--	5.00	------	7.92	------	4.97	------	3.10	2.44	------
MAX	--	--	--	--	11.84	9.63	8.23	9.91	9.64	7.82	5.00	3.12
MIN	--	--	--	--	5.48	5.17	3.92	4.37	3.11	2.50	2.44	1.99

07349800 Cypress Bayou near Benton, La.

LOCATION.--Lat 32°42'24", long 93°41'17", in NW¼SW¼ sec.23, T.20 N., R.13 W., Bossier Parish, near left bank on downstream side of bridge on State Highway 162, 1.7 mi (2.7 km) upstream from Little Caney Bayou, and 3.1 mi (5.0 km) east of Benton.

DRAINAGE AREA.--133 mi^2 (344 km^2).

PERIOD OF RECORD.--October 1955 to October 1968, May 1969 to December 1974 (discontinued). Nov. 8, 1938, to Nov. 30, 1946, and Jan. 29, 1948, to Oct. 31, 1952, daily gage heights and occasional discharge measurements in files of Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of the gage is 165.98 ft (50.591 m) above mean sea level (authority, Corps of Engineers).

AVERAGE DISCHARGE.--18 years (1955-68, 1969-74), 101 ft^3/s (2.860 m^3/s), 10.31 in/yr (262 mm/yr), 73,170 acre-ft/yr (90.2 hm^3/yr).

EXTREMES.--Maximum discharge during period October to December 1974, 980 ft^3/s (27.8 m^3/s) Nov. 19 (gage height, 9.70 ft or 2.957 m); minimum, 12 ft^3/s (0.34 m^3/s) Oct. 27 (gage height, 2.48 ft or 0.756 m).
Period of record: Maximum discharge, 8,350 ft^3/s (236 m^3/s) Apr. 27, 1958 (gage height, 15.18 ft or 4.627 m); no flow for long periods of most years.

REMARKS.--Records good except those for the period of indefinite stage-discharge relation, which are poor. Since October 1961, flow regulated by 3 flood-control reservoirs above station (combined capacity of reservoirs, 1,784 acre-ft or 2.20 hm^3). Records of water temperatures for the period October to December 1974 are published in Section 2 of this report.

REVISIONS.--WSP 1561: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, OCTOBER TO DECEMBER 1974

DAY	OCT	NOV	DEC
1	134	297	534
2	85	550	542
3	61	812	510
4	46	845	443
5	38	704	383
6	33	597	553
7	29	519	761
8	26	425	971
9	24	322	850
10	24	345	590
11	23	576	490
12	20	680	490
13	18	704	500
14	16	559	440
15	18	417	330
16	87	284	320
17	147	378	310
18	75	689	270
19	37	967	230
20	27	945	210
21	22	703	190
22	18	514	160
23	16	380	150
24	14	444	140
25	13	722	130
26	12	923	120
27	12	952	110
28	13	771	100
29	30	589	120
30	134	537	140
31	204	------	170
TOTAL	1,456	18,150	11,257
MEAN	47.0	605	363
MAX	204	967	971
MIN	12	284	100
CFSM	.35	4.55	2.73
IN.	.41	5.08	3.15
AC-FT	2,890	36,000	22,330

GAGE HEIGHT, IN FEET, OCTOBER TO DECEMBER 1974

DAY	OCT	NOV	DEC
1	4.55	6.04	7.82
2	3.95	7.87	7.87
3	3.60	9.18	7.66
4	3.33	9.30	7.20
5	3.15	8.76	6.77
6	3.02	8.22	7.88
7	2.92	7.65	8.86
8	2.85	7.03	9.54
9	2.81	6.29	9.43
10	2.79	6.44	8.88
11	2.76	8.09	8.59
12	2.71	8.58	8.59
13	2.64	8.66	8.64
14	2.59	7.97	8.41
15	2.64	7.00	8.10
16	3.93	6.00	7.94
17	4.72	6.67	7.80
18	3.79	8.60	7.43
19	3.13	9.53	6.97
20	2.87	9.46	6.62
21	2.74	8.64	6.31
22	2.65	7.68	5.99
23	2.59	6.74	5.67
24	2.55	7.15	5.36
25	2.52	8.73	5.10
26	2.50	9.39	4.97
27	2.49	9.48	4.86
28	2.52	8.89	4.74
29	2.94	8.15	4.75
30	4.54	7.83	4.97
31	5.29	------	5.18
MAX	5.29	9.53	9.54
MIN	2.49	6.00	4.74

CAL YR 1974 TOTAL 98,411.13 MEAN 270 MAX 1,530 MIN .02 CFSM 2.03 IN 27.53 AC-FT 195,200

PEAK DISCHARGE (BASE, 1,000 CFS).--No peak above base.

NOTE.--Stage-discharge relation indefinite Dec. 9-31.

07349815 Cypress Bayou Lake near Benton, La.

LOCATION.--Lat 32°39'07", long 93°40'11", in sec.12, T.19 N., R.13 W., on downstream side of control structure about 4500 ft (1,372 m) right of spillway, and 5.0 mi (8.0 km) southeast of Benton.

DRAINAGE AREA.--163 mi^2 (422 km^2).

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

GAGE.--Water-stage recorder. Datum of the gage is 170.00 ft (51.816 m) above mean sea level (Louisiana Department of Public Works benchmark).

EXTREMES.--Maximum gage height during period, 10.99 ft (3.350 m) Feb. 5.

REMARKS.--Reservoir is used for recreation and is formed by an earthfill dam on Cypress Bayou.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					4.43	9.36	9.80					
2					5.07	9.35	9.71					
3					7.50	9.33	9.57	1.80				
4					10.26	9.39	9.43	5.15				
5					10.94	9.46	9.24	6.16				
6					10.68	9.52	9.06	6.65				
7					10.45	9.56	8.88	6.73				
8					10.27	9.50	8.67	6.52				
9					10.12	9.39	8.54	6.15				
10					9.95	9.37	8.45	5.76				
11					9.87	9.34	8.43	5.36				
12					9.78	9.50	8.45	5.00				
13					9.69	10.03	8.43	4.61				
14					9.60	10.30	8.36	4.15				
15					9.56	10.45	8.14	3.71				
16				7.50	9.71	10.38	7.91	3.60				
17				7.40	9.84	10.23	7.56	3.40				
18				7.27	9.95	10.16	6.92	3.25				
19				7.13	9.97	10.07	6.50	2.95				
20				6.91	9.86	9.98	6.04	2.45				
21				6.70	9.76	9.90	5.52	1.87				
22				6.49	9.67	9.82	5.00	1.24				
23				6.24	9.61	9.68	4.34					
24				5.98	9.53	9.58	3.65					
25				5.74	9.47	9.44	2.86					
26				5.50	9.44	9.31	2.10					
27				5.25	9.34	9.40	1.28					
28				5.00	9.35	9.51						
29				4.74	------	9.68						
30				4.50	------	9.78						
31		------		4.29	------	9.82	------		------			------
MAX					10.94	10.45						
MIN					4.43	9.31						

NOTE.--Lake level below the lowest recordable stage, 0.74 ft, Apr. 28 to May 2, May 23 to Sept. 13, Sept. 19-30.

07350000 Loggy Bayou near Ninock, La.

LOCATION.--Lat 32°14'10", long 93°25'35", in SE¼SE¼ sec.31, T.15 N., R.10 W., Bienville-Bossier Parish line, near center of span on downstream side of bridge on U. S. Highway 71, 0.3 mi (0.5 km) downstream from Flat River, 1.9 mi (3.1 km) southeast of Ninock, and 7.5 mi (12.1 km) upstream from mouth.

DRAINAGE AREA.--2,628 mi^2 (6,807 km^2).

PERIOD OF RECORD.--October 1948 to December 1960. January 1961 to September 1964 (annual maximum). January 1961 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 100.26 ft (30.559 m) above mean sea level (levels by Corps of Engineers). Prior to Mar. 29, 1949, and June 30 to Sept. 24, 1951, nonrecording gage, at same site and datum. Sept. 15, 1955, to Sept. 30, 1964, auxiliary water-stage recorder 6.0 mi (9.7 km) downstream from base gage at datum 100.21 ft (30.544 m) above mean sea level (levels by Corps of Engineers).

EXTREMES.--Current year: Maximum gage height, 40.13 ft (12.232 m) Feb. 9; minimum, 14.92 ft (4.548 m) Sept. 23.
Period of record: Maximum gage height, 47.83 ft (14.579 m) May 8, 1958; minimum, 9.46 ft (2.883 m) Oct. 23-25, 1956.
1948-64: Maximum discharge, 32,600 ft^3/s (923 m^3/s) May 4, 1958; no flow at times due to severe backwater conditions.

REMARKS.--Some regulation by Lake Bistineau since 1935 (see sta 07349250) and of flood flows by Bodcau Bayou Reservoir (capacity, 967,900 acre-ft or 119 km^3) since July 1949.

REVISIONS.--WSP 1211: Drainage area.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.09	21.45	32.08	25.67	22.38	28.49	31.15	24.19	28.87	23.33	17.15	16.11
2	31.01	22.34	32.29	25.70	24.77	28.73	31.54	24.64	29.01	24.01	17.03	15.86
3	30.75	25.58	32.34	26.23	28.80	28.68	31.71	28.00	28.68	24.71	17.35	16.07
4	30.23	28.32	32.10	26.66	32.35	29.20	31.76	30.96	28.01	24.52	19.15	19.40
5	29.58	29.70	31.63	26.62	34.92	29.14	31.67	32.37	27.41	23.92	21.12	19.81
6	28.93	29.59	31.59	26.78	37.40	28.85	31.48	33.71	27.16	23.11	21.88	19.67
7	28.25	29.63	31.54	26.84	39.00	28.36	31.10	35.48	27.43	22.10	21.95	19.33
8	27.56	30.38	31.45	27.25	39.94	27.73	30.64	36.91	27.88	21.70	21.90	18.83
9	26.92	31.48	31.75	27.40	40.09	26.88	30.12	37.50	27.56	21.85	21.65	18.39
10	26.40	32.20	32.05	28.23	39.92	26.41	29.54	37.64	28.86	22.15	20.78	17.85
11	25.88	32.78	32.20	28.73	39.61	26.45	28.87	37.45	29.91	22.34	19.80	17.39
12	25.29	32.72	32.09	28.61	38.95	26.45	28.68	37.06	30.24	21.84	18.92	17.20
13	24.74	32.78	31.90	28.62	38.00	27.88	29.04	36.36	30.47	21.42	18.32	17.00
14	24.34	33.03	31.76	28.60	36.74	29.75	29.84	35.27	31.16	21.10	17.99	16.69
15	24.07	33.02	32.05	28.74	35.57	30.47	29.44	34.50	31.78	20.68	17.82	16.20
16	23.67	32.52	32.10	28.89	34.98	30.90	28.54	36.25	31.75	20.00	17.66	16.28
17	23.19	32.11	31.71	29.57	34.20	31.43	27.73	36.01	31.02	19.14	17.52	15.78
18	22.69	32.18	30.96	30.76	33.29	32.44	27.00	34.89	30.46	18.35	17.44	15.50
19	22.20	32.49	30.18	31.12	32.39	33.28	26.58	33.47	30.26	17.84	17.40	15.44
20	21.76	32.52	29.47	30.88	31.53	33.99	26.15	32.27	30.26	17.33	17.37	15.32
21	21.38	32.02	28.70	30.22	30.58	34.31	25.56	31.32	30.10	16.84	17.40	15.14
22	21.06	31.45	27.94	29.24	29.54	34.20	25.16	30.44	29.16	16.41	17.53	15.00
23	20.66	31.04	27.34	28.43	28.78	33.68	24.76	29.55	28.14	16.20	17.56	14.95
24	20.25	30.82	27.00	27.67	28.23	33.00	24.49	28.75	27.24	16.44	17.43	15.58
25	19.81	31.11	26.72	26.95	27.75	32.22	24.24	27.94	26.44	16.60	17.35	16.21
26	19.57	31.59	26.36	26.15	27.43	31.36	23.97	27.12	25.74	16.48	17.30	16.24
27	19.22	32.38	26.04	25.14	27.51	30.60	23.57	26.52	24.85	16.30	17.21	16.02
28	18.91	32.60	25.84	24.34	27.86	30.13	23.11	25.92	24.28	16.48	16.99	15.76
29	20.61	32.20	25.71	23.26	------	30.09	22.89	25.47	23.81	16.38	16.70	15.49
30	20.49	32.00	25.80	21.14	------	30.22	23.96	26.49	23.38	16.48	16.51	15.23
31	20.57	------	25.74	21.20	------	30.61	------	28.05	------	16.86	16.34	------
MAX	31.09	33.03	32.34	31.12	40.09	34.31	31.76	37.64	31.78	24.71	21.95	19.81
MIN	18.91	21.45	25.71	21.14	22.38	26.41	22.89	24.19	23.38	16.20	16.34	14.95

07351000 Boggy Bayou near Keithville, La.

LOCATION.--Lat 32°22'35", long 93°49'17", in NW¼SE¼ sec.17, T.16 N., R.14 W., Caddo-DeSoto Parish line, near right bank on downstream side of bridge on U. S. Highway 171, 0.4 mi (0.6 km) downstream from Gilmer Bayou, 3 mi (5 km) north of Keithville, and 5 mi (8 km) upstream from mouth.

DRAINAGE AREA.--79 mi^2 (205 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 145.13 ft (44.236 m) above mean sea level (levels by Corps of Engineers). Prior to Sept. 7, 1949, and Jan. 19 to Apr. 7, 1954, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--36 years (1939-75), 72.2 ft^3/s (2.04 m^3/s), 12.41 in/yr (315 mm/yr), 52,310 acre-ft/yr (64.5 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 3,100 ft^3/s (87.8 m^3/s) Jan. 11 (gage height, 17.27 ft or 5.264 m); minimum, 0.73 ft^3/s (0.021 m^3/s) Sept. 30 (gage height, 8.71 ft or 2.655 m).
Period of record: Maximum discharge, 14,800 ft^3/s (419 m^3/s) Jan. 5, 1946 (gage height, 20.2 ft or 6.16 m, from graph based on gage readings), from rating curve extended above 5,200 ft^3/s (147 m^3/s) by velocity-area studies; no flow at times in 1939-40, 1942-44, 1947-49, 1951-60, 1962-67, 1970-74.
Maximum stage known, 26.7 ft (8.14 m) in 1933, from floodmark.

REMARKS.--Records fair. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1211: 1939-45, drainage area.

CORRECTIONS.--The minimum discharge for the water year 1974 is 0.38 ft^3/s or 0.011 m^3/s, Aug. 23, 24; the previously published figure was in error.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.3	277	99	34	949	44	53	652	24	79	5.7	1.6
2	5.3	935	57	44	1,190	39	38	481	18	27	3.9	1.8
3	4.7	449	37	162	1,880	36	29	1,080	15	22	3.8	1.2
4	4.1	98	28	288	1,380	681	23	710	14	18	54	1.1
5	3.7	53	24	134	814	801	20	187	12	17	23	1.0
6	3.3	41	519	67	273	218	18	79	11	12	9.6	1.6
7	3.7	26	874	63	100	87	18	49	10	8.8	5.4	1.6
8	3.0	27	325	404	63	57	18	32	10	9.3	4.5	2.0
9	2.9	42	95	412	50	39	19	25	14	21	3.6	2.7
10	2.9	129	54	681	41	36	24	20	19	57	2.8	1.6
11	2.7	927	108	2,000	36	44	21	17	13	152	2.6	1.6
12	2.6	622	182	600	33	37	17	15	11	86	2.3	1.4
13	2.9	137	101	293	28	113	26	14	9.4	23	2.3	1.1
14	2.9	55	61	161	24	371	198	17	8.2	14	1.8	.97
15	4.3	30	53	99	34	148	173	55	39	10	1.5	.91
16	3.3	22	49	73	402	70	66	319	60	8.1	1.4	1.6
17	3.2	32	38	56	382	56	33	167	19	7.3	1.4	1.8
18	3.6	60	31	55	121	356	23	53	12	7.7	1.2	1.4
19	4.8	49	26	71	63	469	20	25	8.5	7.1	1.2	1.2
20	3.2	36	24	60	42	143	18	19	10	6.7	1.1	1.6
21	2.5	27	21	43	32	65	16	140	11	6.2	1.0	1.9
22	2.2	21	19	34	29	44	14	266	8.9	5.9	1.2	1.3
23	2.2	18	18	28	35	35	14	89	33	5.7	1.0	1.0
24	2.3	68	16	26	52	30	13	33	16	5.1	1.2	.94
25	2.5	370	16	28	39	24	13	97	20	4.8	1.2	.86
26	2.6	257	16	30	29	21	12	114	36	3.5	1.4	.81
27	3.2	90	16	26	32	442	11	49	13	4.3	3.3	.80
28	34	47	16	23	47	298	12	41	9.8	34	2.7	.88
29	210	33	17	22	------	339	19	57	30	14	2.1	.84
30	159	64	19	21	------	232	418	65	100	12	1.8	.77
31	60	------	26	27	------	95	------	40	------	8.3	1.4	------
TOTAL	554.1	5,052	2,985	6,065	8,200	5,470	1,397	5,007	614.8	696.8	151.4	39.88
MEAN	17.9	168	96.3	196	293	176	46.6	162	20.5	22.5	4.88	1.33
MAX	210	935	874	2,000	1,880	801	418	1,080	100	152	54	2.7
MIN	2.2	18	16	21	24	21	11	14	8.2	3.5	1.0	.77
CFSM	.23	2.13	1.22	2.48	3.71	2.23	.59	2.05	.26	.28	.06	.02
IN.	.26	2.38	1.41	2.86	3.86	2.58	.66	2.36	.29	.33	.07	.02
AC-FT	1,100	10,020	5,920	12,030	16,260	10,850	2,770	9,930	1,220	1,380	300	79

CAL YR 1974 TOTAL 49,187.09 MEAN 135 MAX 5,000 MIN .40 CFSM 1.71 IN 23.16 AC-FT 97,560
WTR YR 1975 TOTAL 36,232.98 MEAN 99.3 MAX 2,000 MIN .77 CFSM 1.26 IN 17.06 AC-FT 71,870

PEAK DISCHARGE (BASE, 1,400 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	0445	17.27	3,100	2- 3	0930	16.89	2,120

07351000 Boggy Bayou near Keithville, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.47	14.16	13.01	10.77	16.16	11.18	11.50	15.89	10.37	12.35	9.42	8.98
2	9.40	16.23	11.66	11.19	16.44	10.97	10.93	15.41	10.11	10.51	9.27	9.01
3	9.35	15.42	10.92	13.42	16.83	10.84	10.60	16.36	9.98	10.29	9.26	8.88
4	9.29	12.91	10.56	15.09	16.55	15.75	10.33	15.94	9.92	10.10	11.50	8.84
5	9.26	11.53	10.38	13.70	16.09	16.07	10.20	14.32	9.83	10.07	10.31	8.83
6	9.21	11.06	14.92	12.02	14.89	14.54	10.13	12.39	9.76	9.80	9.70	8.96
7	9.25	10.44	16.17	11.81	13.02	12.66	10.11	11.36	9.72	9.63	9.46	8.97
8	9.17	10.49	15.06	15.30	11.88	11.67	10.10	10.69	9.70	9.65	9.38	9.04
9	9.16	11.12	12.87	15.41	11.41	10.97	10.14	10.42	9.91	10.22	9.29	9.18
10	9.15	12.65	11.54	15.60	11.07	10.86	10.35	10.22	10.14	11.64	9.19	8.98
11	9.12	16.21	13.04	15.34	10.85	11.19	10.24	10.06	9.87	14.06	9.15	8.96
12	9.14	15.79	14.47	15.79	10.76	10.92	10.07	9.97	9.75	12.50	9.10	8.91
13	9.16	13.64	13.05	15.11	10.53	12.81	10.40	9.92	9.66	10.34	9.11	8.84
14	9.15	11.56	11.79	14.19	10.38	15.33	14.41	10.04	9.59	9.90	9.02	8.81
15	9.31	10.61	11.51	13.03	10.74	13.89	14.26	11.38	10.91	9.71	8.95	8.77
16	9.20	10.31	11.36	12.21	15.29	12.11	11.97	15.15	11.74	9.58	8.94	8.94
17	9.20	10.69	10.94	11.63	15.32	11.63	10.73	14.00	10.13	9.53	8.93	9.01
18	9.24	11.78	10.66	11.61	13.46	14.70	10.33	11.50	9.78	9.56	8.89	8.92
19	9.35	11.38	10.47	12.14	11.88	15.55	10.20	10.42	9.60	9.52	8.86	8.89
20	9.19	10.86	10.36	11.76	11.09	13.80	10.10	10.14	9.70	9.50	8.84	8.96
21	9.10	10.50	10.25	11.16	10.71	11.94	9.99	13.39	9.76	9.46	8.83	9.03
22	9.06	10.23	10.16	10.77	10.59	11.17	9.91	14.97	9.62	9.44	8.87	8.90
23	9.05	10.10	10.08	10.56	10.83	10.84	9.88	12.62	10.74	9.43	8.82	8.83
24	9.07	11.79	10.03	10.46	11.47	10.60	9.87	10.74	10.02	9.38	8.87	8.79
25	9.09	15.29	10.03	10.52	11.00	10.39	9.85	12.85	10.15	9.35	8.89	8.75
26	9.12	14.89	10.03	10.60	10.56	10.26	9.81	13.36	10.82	9.23	8.93	8.74
27	9.19	12.71	10.00	10.45	10.68	15.17	9.77	11.36	9.87	9.29	9.25	8.73
28	10.42	11.30	9.99	10.33	11.28	15.08	9.78	11.07	9.68	10.78	9.17	8.77
29	14.69	10.73	10.04	10.28	------	15.25	10.13	11.64	10.47	9.91	9.08	8.75
30	14.06	11.87	10.14	10.24	------	14.75	15.09	11.95	13.03	9.83	9.03	8.72
31	11.75	------	10.45	10.45	------	12.87	------	11.02	------	9.59	8.94	------
MAX	14.69	16.23	15.17	16.84	16.83	16.07	15.09	16.36	13.03	14.06	11.50	9.18
MIN	9.05	10.10	9.99	10.24	10.38	10.26	9.77	9.92	9.59	9.23	8.82	8.72

07352000 Saline Bayou near Lucky, La.

LOCATION.--Lat 32°15'00", long 92°58'35", in SW¼SW¼ sec.27, T.15 N., R.6 W., Bienville Parish, near center of span on downstream side of bridge on State Highway 4, 0.7 mi (1.1 km) downstream from Sixmile Creek, and 1.0 mi (1.6 km) east of Lucky.

DRAINAGE AREA.--154 mi^2 (399 km^2).

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

GAGE.--Duplex water-stage recorder (rain gage and water stage combination). Datum of gage is 152.65 ft (46.528 m) above mean sea level. Prior to Feb. 28, 1949, nonrecording gage, Mar. 1, 1949, to Apr. 26, 1971, water-stage recorder, at same site and datum.

AVERAGE DISCHARGE.--35 years, 169 ft^3/s (4.786 m^3/s), 14.90 in/yr (378 mm/yr), 122,400 acre-ft/yr (151 hm^3).

EXTREMES.--Current year: Maximum discharge, 5,470 ft^3/s (155 m^3/s) May 4 (gage height, 9.79 ft or 2.984 m); minimum, 48 ft^3/s (1.36 m^3/s) Sept. 5 (gage height, 3.49 ft or 1.064 m).
Period of record: Maximum discharge, 13,500 ft^3/s (382 m^3/s) Jan. 1, 1945 (gage height, 12.9 ft or 3.93 m), from rating curve extended above 6,400 ft^3/s (181 m^3/s) on basis of records for Black Lake Bayou near Castor and Dugdemona River near Jonesboro; minimum discharge, 2.4 ft^3/s (0.068 m^3/s) Aug. 14, 1954; minimum gage height, 1.66 ft (0.506 m) Aug. 7, 8, 1964.

REMARKS.--Records fair. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WSP 1177: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	134	1,270	250	858	174	356	268	616	688	139	82	70
2	103	1,070	264	844	264	334	210	788	670	114	144	58
3	82	816	235	788	556	325	170	2,110	356	113	210	52
4	72	700	189	694	956	400	152	5,240	163	108	170	49
5	64	532	172	646	1,530	480	139	3,080	131	94	143	49
6	60	309	450	592	1,320	500	132	1,340	117	80	148	81
7	57	238	736	485	956	455	127	1,230	125	71	139	101
8	57	205	730	410	736	330	127	1,400	187	171	109	76
9	58	200	754	400	500	250	142	1,510	226	580	96	66
10	57	271	640	580	348	210	139	1,030	1,090	676	83	63
11	57	568	465	736	289	198	131	760	1,340	724	76	58
12	54	658	430	823	260	238	131	470	1,180	556	108	61
13	54	670	455	986	229	893	125	257	1,030	395	97	70
14	53	700	495	830	200	1,150	223	219	658	220	75	65
15	69	550	730	634	198	1,490	385	628	465	137	64	54
16	76	285	718	460	435	1,150	455	1,340	628	117	60	62
17	68	285	706	370	538	851	380	970	610	97	58	91
18	60	405	688	415	574	700	210	670	610	86	58	81
19	57	520	622	505	550	586	159	460	348	86	54	90
20	55	544	385	592	395	592	146	250	179	75	59	76
21	53	415	282	610	268	616	127	175	147	69	64	64
22	52	289	232	580	220	520	115	150	131	65	70	60
23	52	208	198	490	538	352	108	133	135	62	66	56
24	53	208	189	348	795	282	104	127	141	60	65	53
25	54	348	301	282	872	250	101	257	257	67	116	52
26	56	445	430	257	865	212	96	330	235	70	254	50
27	58	480	495	235	664	181	90	445	146	70	193	49
28	79	395	544	210	425	179	89	218	127	70	106	50
29	550	274	562	191	------	210	118	175	232	74	76	51
30	928	250	724	179	------	232	318	285	177	75	67	50
31	921	------	844	170	------	264	------	622	------	79	86	------
TOTAL	4,203	14,108	14,915	16,200	15,655	14,786	5,217	27,285	12,529	5,400	3,196	1,908
MEAN	136	470	481	523	559	477	174	880	418	174	103	63.6
MAX	928	1,270	844	986	1,530	1,490	455	5,240	1,340	724	254	101
MIN	52	200	172	170	174	179	89	127	117	60	54	49
CFSM	.88	3.05	3.12	3.40	3.63	3.10	1.13	5.71	2.71	1.13	.67	.41
IN.	1.02	3.41	3.60	3.91	3.78	3.57	1.26	6.59	3.03	1.30	.77	.46
AC-FT	8,340	27,980	29,580	32,130	31,050	29,330	10,350	54,120	24,850	10,710	6,340	3,780
(††)	4.49	4.80	6.74	3.64	4.56	4.13	3.73	12.12	11.08	4.31	6.22	1.27

CAL YR 1974 TOTAL 108,996 MEAN 299 MAX 3,830 MIN 26 CFSM 1.94 IN 26.33 AC-FT 216,200
WTR YR 1975 TOTAL 135,402 MEAN 371 MAX 5,240 MIN 49 CFSM 2.41 IN 32.71 AC-FT 268,600

PEAK DISCHARGE (BASE, 1,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
11-1	0530	7.25	1,340	5- 4	0900	9.79	5,470
1-13	1000	6.84	1,000	5- 8	2300	7.81	1,910
2- 5	1230	7.48	1,550	5-16	0930	7.35	1,420
3-15	1030	7.53	1,600	6-10	1930	7.63	1,700

†† Precipitation, in inches, during month at rain gage at station. Total for calendar year 1974, 59.30 inches; total for water year 1975, 67.09 inches.

07352000 Saline Bayou near Lucky, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.81	7.18	5.50	6.64	5.19	5.77	5.55	6.26	6.38	4.88	4.08	3.89
2	4.46	6.92	5.54	6.62	5.54	5.72	5.36	6.54	6.35	4.55	4.87	3.68
3	4.21	6.58	5.45	6.54	6.16	5.70	5.17	7.92	5.77	4.53	5.36	3.57
4	4.06	6.40	5.27	6.39	6.78	5.86	5.02	9.68	5.12	4.45	5.17	3.52
5	3.95	6.12	5.18	6.31	7.46	6.02	4.88	8.60	4.77	4.25	4.92	3.52
6	3.87	5.66	5.96	6.22	7.23	6.06	4.79	7.25	4.59	4.05	4.98	4.06
7	3.83	5.46	6.46	6.03	6.78	5.97	4.72	7.12	4.70	3.90	4.88	4.34
8	3.83	5.34	6.45	5.88	6.46	5.71	4.73	7.32	5.26	4.74	4.47	3.99
9	3.85	5.32	6.49	5.86	6.06	5.50	4.91	7.44	5.42	6.20	4.29	3.82
10	3.83	5.56	6.30	6.20	5.75	5.36	4.88	6.88	6.83	6.36	4.10	3.76
11	3.82	6.18	5.99	6.46	5.61	5.31	4.78	6.50	7.25	6.44	3.99	3.68
12	3.78	6.33	5.92	6.59	5.53	5.46	4.77	6.00	7.06	6.16	4.45	3.74
13	3.77	6.35	5.97	6.82	5.43	6.69	4.70	5.52	6.87	5.85	4.30	3.88
14	3.76	6.40	6.05	6.60	5.32	7.03	5.41	5.41	6.33	5.40	3.96	3.80
15	4.01	6.15	6.45	6.29	5.31	7.42	5.83	6.28	5.99	4.85	3.79	3.62
16	4.12	5.60	6.43	5.98	5.93	7.03	5.97	7.26	6.28	4.59	3.71	3.75
17	4.00	5.60	6.41	5.80	6.13	6.63	5.82	6.80	6.25	4.30	3.69	4.22
18	3.88	5.87	6.38	5.89	6.19	6.40	5.36	6.35	6.25	4.15	3.68	4.06
19	3.83	6.10	6.27	6.07	6.15	6.21	5.09	5.98	5.75	4.14	3.62	4.20
20	3.79	6.14	5.83	6.22	5.85	6.22	4.95	5.50	5.22	3.97	3.70	3.99
21	3.76	5.89	5.59	6.25	5.55	6.26	4.73	5.20	4.97	3.86	3.79	3.79
22	3.73	5.61	5.44	6.20	5.40	6.10	4.56	5.00	4.78	3.80	3.89	3.71
23	3.74	5.35	5.31	6.04	6.13	5.76	4.46	4.80	4.82	3.75	3.81	3.65
24	3.76	5.35	5.27	5.75	6.55	5.59	4.40	4.72	4.90	3.72	3.80	3.60
25	3.77	5.75	5.64	5.59	6.66	5.50	4.36	5.52	5.52	3.84	4.50	3.58
26	3.81	5.95	5.92	5.52	6.65	5.37	4.28	5.71	5.45	3.88	5.51	3.54
27	3.84	6.02	6.05	5.45	6.34	5.23	4.20	5.95	4.95	3.88	5.29	3.52
28	4.16	5.85	6.14	5.36	5.91	5.22	4.18	5.39	4.73	3.89	4.43	3.54
29	6.15	5.57	6.17	5.28	------	5.36	4.60	5.20	5.44	3.95	3.98	3.56
30	6.74	5.50	6.44	5.22	------	5.44	5.66	5.60	5.21	3.97	3.83	3.55
31	6.73	------	6.62	5.17	------	5.54	------	6.27	------	4.03	4.15	------
MAX	6.74	7.18	6.62	6.82	7.46	7.42	5.97	9.68	7.25	6.44	5.51	4.34
MIN	3.73	5.32	5.18	5.17	5.19	5.22	4.18	4.72	4.59	3.72	3.62	3.52

07352800 Grand Bayou near Coushatta, La.

LOCATION.--Lat 32°02'55", long 93°18'10", in SW¼SW¼ sec.4, T.12 N., R.9 W., Red River Parish, near right bank on downstream side of bridge on State Highway 155, 0.5 mi (0.8 km) upstream from Carrol Creek, and 3.3 mi (5.3 km) north of Coushatta.

DRAINAGE AREA.--93.9 mi^2 (243 km^2).

PERIOD OF RECORD.--October 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 136.26 ft (41.532 m) above mean sea level.

AVERAGE DISCHARGE.--19 years, 92.6 ft^3/s (2.622 m^3/s), 13.39 in/yr (340 mm/yr), 67,090 acre-ft/yr (82.7 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 3,630 ft^3/s (103 m^3/s) June 11 (gage height, 10.02 ft or 3,054 m); minimum, 0.19 ft^3/s (0.005 m^3/s) Sept. 29; minimum gage height, 0.89 ft (0.271 m) Oct. 2, 3.
Period of record: Maximum discharge, 7,920 ft^3/s (224 m^3/s) Sept. 21, 1958 (gage height, 11.47 ft or 3.496 m); no flow at times most years.

REMARKS.--Records fair. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.1	422	95	691	46	123	101	424	82	791	8.6	3.7
2	3.2	468	88	552	295	120	59	583	66	379	10	4.0
3	3.6	363	63	640	555	91	42	870	29	93	21	3.9
4	8.0	121	44	679	956	555	32	1,070	18	98	91	4.6
5	10	55	35	622	1,160	695	25	1,270	14	50	354	4.3
6	11	49	399	473	1,020	665	21	1,110	10	20	450	3.9
7	12	40	610	274	710	466	19	905	8.7	16	175	3.4
8	12	37	687	262	477	198	17	741	20	794	28	2.7
9	13	41	596	257	182	91	20	557	17	2,490	16	2.0
10	15	112	376	498	92	62	25	466	1,260	1,890	12	1.2
11	16	429	219	838	73	50	23	380	3,210	2,270	192	1.1
12	17	466	278	1,020	65	113	20	114	1,680	1,590	326	1.1
13	17	396	251	847	55	1,520	17	44	1,040	1,020	94	1.1
14	17	160	210	688	46	1,610	45	27	953	630	21	.80
15	18	52	764	495	70	1,300	204	129	740	199	11	.72
16	19	35	798	283	705	975	287	2,290	459	37	7.8	2.2
17	20	193	768	159	791	641	222	2,630	394	22	5.7	32
18	20	398	542	308	700	499	60	1,340	325	16	4.4	37
19	21	345	301	475	525	588	30	869	133	96	3.2	25
20	23	192	145	519	238	643	23	468	34	322	2.8	8.2
21	23	90	93	485	91	466	18	100	21	326	2.6	3.0
22	24	52	65	360	66	221	16	38	25	78	4.0	.80
23	24	36	50	161	268	98	13	26	43	27	5.1	.72
24	24	50	44	93	384	215	12	20	32	21	4.0	.56
25	25	238	323	78	424	254	11	35	30	39	3.8	1.1
26	5	283	417	71	294	154	10	113	57	16	15	1.1
27	4	224	485	63	114	73	9.5	131	38	11	46	.56
28	31	108	472	52	95	52	8.7	82	22	10	13	.26
29	220	55	482	46	------	61	12	40	203	25	7.6	.72
30	275	59	723	41	------	118	161	102	694	18	5.4	1.2
31	156	------	755	38	------	150	------	149	------	11	4.2	------
TOTAL	1,140.9	5,569	11,178	12,068	10,497	12,867	1,563.2	17,123	11,657.7	13,405	1,944.2	152.94
MEAN	36.8	186	361	389	375	415	52.1	552	389	432	62.7	5.10
MAX	275	468	798	1,020	1,160	1,610	287	2,630	3,210	2,490	450	37
MIN	3.2	35	35	38	46	50	8.7	20	8.7	10	2.6	.26
CFSM	.39	1.98	3.84	4.14	3.99	4.42	.55	5.88	4.14	4.60	.67	.05
IN.	.45	2.21	4.43	4.78	4.16	5.10	.62	6.78	4.62	5.31	.77	.06
AC-FT	2,260	11,050	22,170	23,940	20,820	25,520	3,100	33,960	23,120	26,590	3,860	303

CAL YR 1974 TOTAL 66,070.16 MEAN 181 MAX 2,780 MIN .05 CFSM 1.93 IN 26.17 AC-FT 131,100
WTR YR 1975 TOTAL 99,165.94 MEAN 272 MAX 3,210 MIN .26 CFSM 2.90 IN 39.29 AC-FT 196,700

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12- 8	0815	7.67	695	3-14	0115	8.71	1,650
12-15	0745	7.96	888	3-19	2115	7.48	613
12-30	1530	7.82	784	5- 5	0800	8.39	1,290
1 -12	0545	8.13	1,040	5-16	1600	9.98	3,550
1 -20	0945	7.19	522	6-11	0415	10.02	3,630
2 - 5	1200	8.29	1,190	7- 1	0045	8.01	929
2 -16	0845	7.90	840	7- 9	1145	9.51	2,740
3 - 5	1615	7.73	728				

07352800 Grand Bayou near Coushatta, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.12	6.65	3.73	7.66	2.73	4.08	3.79	6.61	3.54	7.65	1.36	1.21
2	.95	6.94	3.62	7.28	5.66	4.05	3.08	7.27	3.20	6.27	1.43	1.34
3	.99	6.22	3.16	7.54	7.26	3.66	2.67	7.80	2.27	3.58	1.97	1.41
4	1.33	4.00	2.71	7.64	8.03	7.00	2.37	8.08	1.84	3.70	3.06	1.56
5	1.45	3.00	2.48	7.50	8.26	7.67	2.14	8.31	1.65	2.82	6.13	1.61
6	1.51	2.86	6.09	6.93	8.10	7.61	1.99	8.13	1.48	1.96	6.78	1.66
7	1.57	2.61	7.47	5.52	7.70	6.80	1.89	7.86	1.37	1.76	4.41	1.70
8	1.57	2.52	7.65	5.42	6.82	4.82	1.82	7.60	1.89	5.24	2.22	1.71
9	1.64	2.64	7.42	5.38	4.68	3.65	1.94	7.24	1.79	9.33	1.78	1.72
10	1.72	3.58	6.31	6.70	3.68	3.14	2.13	6.88	6.91	8.90	1.56	1.72
11	1.77	6.64	5.06	7.88	3.37	2.87	2.06	6.30	9.76	9.18	4.62	1.80
12	1.80	6.88	5.56	8.11	3.20	3.42	1.93	3.88	8.70	8.63	5.93	1.80
13	1.82	6.42	5.34	7.90	2.98	8.57	1.82	2.72	8.05	8.01	3.49	1.79
14	1.83	4.42	4.91	7.65	2.77	8.66	2.70	2.22	7.93	7.34	2.01	1.76
15	1.85	2.90	7.78	7.02	3.03	8.35	4.89	3.80	7.59	4.70	1.65	1.75
16	1.89	2.46	7.84	5.59	7.66	7.95	5.64	8.84	6.82	2.50	1.44	1.84
17	1.94	4.50	7.72	4.47	7.83	7.39	5.05	9.40	6.41	2.02	1.29	2.70
18	1.94	6.44	7.23	5.75	7.68	7.05	3.05	8.38	5.92	1.77	1.19	2.82
19	1.99	6.06	5.72	6.97	7.07	7.41	2.31	7.80	4.07	3.24	1.08	2.49
20	2.04	4.79	4.32	7.18	5.17	7.42	2.07	6.71	2.42	5.89	1.03	1.87
21	2.07	3.62	3.69	7.02	3.66	6.85	1.87	3.67	1.98	5.91	1.01	1.60
22	2.08	2.91	3.21	6.22	3.23	5.03	1.74	2.56	2.13	3.32	1.16	1.45
23	2.09	2.48	2.88	4.99	5.39	3.76	1.63	2.16	2.70	2.21	1.25	1.44
24	2.12	2.76	2.73	3.70	6.35	5.00	1.55	1.94	2.36	1.99	1.16	1.42
25	2.19	5.21	5.89	3.45	6.62	5.37	1.48	2.33	2.30	2.57	1.13	1.49
26	2.24	5.61	6.63	3.31	5.66	4.41	1.46	3.95	3.03	1.76	1.71	1.49
27	2.27	5.10	7.02	3.15	3.95	3.35	1.42	4.17	2.53	1.50	2.74	1.44
28	2.34	3.87	6.96	2.93	3.72	2.93	1.37	3.47	2.03	1.47	1.70	1.40
29	4.96	2.99	7.01	2.77	------	3.11	1.54	2.61	4.68	2.09	1.43	1.50
30	5.53	3.07	7.71	2.65	------	4.01	4.19	3.71	7.41	1.85	1.28	1.57
31	4.41	------	7.77	2.57	------	4.38	------	4.35	------	1.53	1.18	------
MAX	5.53	6.94	7.84	8.11	8.26	8.66	5.64	9.40	9.76	9.33	6.78	2.82
MIN	.95	2.46	2.48	2.57	2.73	2.87	1.37	1.94	1.37	1.47	1.01	1.21

07352895 Black Lake Bayou near Clarence, La.

LOCATION.--Lat 31°52'24", long 93°58'00", in sec.3, T.10 N., R.5 W., Natchitoches Parish, on downstream side of bridge on Parish Road, 1.8 mi (2.9 km) northeast of Chivery Dam, 2.8 mi (4.5 km) upstream from Allen Dam, and 5.0 mi (8.0 km) northeast of Clarence.

DRAINAGE AREA.--908 mi^2 (2,352 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 94.49 ft (28.800 m) above mean sea level.

EXTREMES.--Current year: Maximum gage height, 9.75 ft (2.972 m) June 16; minimum, 1.62 (0.494 m) Oct. 14 (regulated).
Period of record: Maximum gage height, 12.88 ft (3.926 m) Jan. 30, 1974; minimum not determined.

REMARKS.--Considerable regulation by Allen and Chivery Dams; combined usable capacity, 161,000 acre-ft (197 hm^3).

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.28	3.27	5.06	6.74	4.99	5.82	5.84	4.68	5.66	5.58	4.25	3.73
2	2.45	3.54	4.97	6.64	5.13	5.69	5.62	4.75	5.47	5.54	4.20	3.73
3	2.60	3.82	4.89	6.65	5.27	5.57	5.44	4.89	5.31	5.49	4.34	3.72
4	2.75	4.10	4.82	6.66	5.61	5.76	5.26	5.43	5.18	5.37	4.36	3.70
5	2.92	4.37	4.79	6.61	5.89	5.90	5.12	5.97	5.15	5.23	4.36	3.68
6	2.84	4.58	4.86	6.51	6.24	5.95	5.00	6.70	5.17	5.06	4.34	3.67
7	2.74	4.72	5.00	6.38	6.51	5.95	4.92	7.83	5.17	4.88	4.36	3.67
8	2.45	4.84	5.09	6.30	6.92	5.90	4.75	8.81	5.24	4.84	4.40	3.64
9	2.19	4.90	5.14	6.15	7.39	5.79	4.85	9.34	5.19	5.07	4.42	3.65
10	1.93	4.92	5.20	6.19	7.60	5.69	4.85	9.62	5.61	5.50	4.41	3.64
11	1.99	5.16	5.32	6.32	7.69	5.58	4.81	9.68	7.28	6.03	4.38	3.64
12	1.89	5.25	5.37	6.39	7.72	5.45	4.72	9.67	8.47	6.49	4.35	3.66
13	1.79	5.27	5.38	6.45	7.60	6.24	4.63	9.59	9.18	6.97	4.31	3.67
14	1.65	5.31	5.35	6.46	7.39	6.90	4.78	9.47	9.54	7.17	4.28	3.66
15	1.84	5.28	5.57	6.43	7.17	7.52	4.82	9.31	9.68	7.10	4.25	3.66
16	1.86	5.23	5.76	6.38	7.57	7.85	4.82	9.14	9.75	6.84	4.20	3.65
17	1.89	5.49	5.93	6.30	7.79	7.97	4.79	9.10	9.73	6.56	4.15	3.80
18	1.94	5.88	6.00	6.25	7.86	8.23	4.78	9.38	9.58	6.27	4.09	3.81
19	2.01	6.01	6.05	6.23	7.79	8.38	4.84	9.49	9.37	6.01	4.03	3.82
20	2.03	6.09	5.98	6.22	7.60	8.46	4.83	9.40	9.12	5.78	3.98	3.86
21	2.06	6.08	5.86	6.15	7.32	8.46	4.82	9.32	8.85	5.58	3.92	3.87
22	2.09	6.00	5.74	6.09	6.97	8.40	4.80	9.15	8.51	5.40	3.86	3.86
23	2.13	5.83	5.61	5.98	6.74	8.25	4.79	8.88	8.15	5.28	3.80	3.84
24	2.17	5.67	5.53	5.86	6.52	8.21	4.77	8.54	7.77	5.11	3.77	3.79
25	2.20	5.64	5.80	5.75	6.36	7.99	4.71	8.20	7.33	4.97	3.74	3.75
26	2.23	5.53	5.88	5.62	6.20	7.71	4.65	7.82	6.85	4.81	3.78	3.72
27	2.26	5.43	6.05	5.49	6.10	7.38	4.66	7.37	6.37	4.66	3.77	3.70
28	2.27	5.33	6.17	5.38	5.95	7.06	4.48	6.87	6.08	4.56	3.75	3.67
29	2.60	5.22	6.25	5.28	------	6.74	4.49	6.42	5.81	4.46	3.74	3.65
30	2.80	5.19	6.54	5.18	------	6.40	4.54	6.19	5.57	4.38	3.73	3.64
31	2.99	------	6.68	5.08	------	6.08	------	5.92	------	4.32	3.72	------
MAX	2.99	6.09	6.68	6.74	7.86	8.46	5.84	9.68	9.75	7.17	4.42	3.87
MIN	1.65	3.27	4.79	5.08	4.99	5.45	4.48	4.68	5.15	4.32	3.72	3.64

07353000 Saline Bayou near Clarence, La.

LOCATION.--Lat 31°49'05", long 92°56'55", in SE¼ sec.26, T.10 N., R.6 W., Natchitoches-Winn Parish line, near center of span on downstream side of bridge on U. S. Highway 84, 1.8 mi (2.9 km) downstream from Bayou Bourbeaux, 4.0 mi (6.4 km) downstream from Allen Dam, 4.6 mi (7.4 km) east of Clarence, and 6.7 mi (10.8 km) upstream from mouth.

DRAINAGE AREA.--1,386 mi^2 (3,590 km^2).

PERIOD OF RECORD.--October 1949 to December 1973. January 1974 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 72.75 ft (22.174 m) above mean sea level (levels by Louisiana Department of Public Works). Prior to Nov. 2, 1954, nonrecording gage at same site and datum. Supplementary water-stage recorder 6.8 mi (10.9 km) upstream, from base gage (see sta 07352895) at datum 94.49 ft (28.800 m) above mean sea level. Prior to Nov. 3, 1954, auxiliary nonrecording gage and Nov. 3, 1954, to Dec. 3, 1969, auxiliary water-stage recorder 5.3 mi (8.5 km) downstream from base gage at datum 72.97 ft (22.241 m) above mean sea level, and Mar. 1 to Dec. 31, 1973, auxiliary nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--24 years (1950-73), 1,182 ft^3/s (33.47 m^3/s), 856,400 acre-ft/yr (1.06 km^3/yr).

EXTREMES.--Current year: Maximum gage height, 29.35 ft (8.946 m) May 11; minimum, 5.22 ft (1.591 m) Sept. 16.
Period of record: Maximum discharge, 14,200 ft^3/s (402 m^3/s) May 19, 1953; maximum daily reverse flow, 6,570 ft^3/s (186 m^3/s) May 11, 1958 (backwater from Red River); maximum gage height, 40.46 ft (12.3 m) May 21, 1953; minimum discharge (unaffected by backwater), 0.75 ft^3/s (0.002 m^3/s) Oct. 21, 22, 1972.
Flood in April 1945 reached a stage of 43.6 ft (13.289 m), from information by local resident.

REMARKS.--Considerable regulation by Saline Lake-Black Lake (combined usable capacity, 161,000 acre-ft or 198 hm^3).

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.72	9.18	24.68	23.19	14.02	20.93	23.25	14.49	20.83	18.39	9.18	6.12
2	21.01	10.37	24.72	23.00	15.13	21.19	23.46	14.85	21.70	18.28	9.01	5.99
3	20.97	11.63	24.82	23.01	16.62	21.03	23.76	15.82	22.03	18.64	10.32	5.83
4	20.63	16.77	24.84	23.22	20.74	21.82	23.62	19.55	21.81	18.56	10.17	5.61
5	19.89	19.80	24.52	23.24	25.00	22.64	23.44	22.70	21.13	17.89	10.89	5.77
6	19.64	21.34	24.22	23.06	27.03	22.69	23.22	25.26	20.64	16.95	12.48	6.15
7	18.78	21.69	24.10	22.80	27.89	22.44	22.85	26.94	20.38	15.20	13.37	6.18
8	18.54	22.19	24.07	22.65	28.14	21.85	22.24	28.15	20.64	14.52	13.59	6.13
9	17.71	23.01	24.06	22.30	28.28	20.87	21.82	28.90	21.10	15.79	13.64	5.98
10	17.06	23.95	24.37	22.61	28.48	19.95	21.25	29.26	22.09	16.87	13.39	5.76
11	15.02	25.33	24.82	23.48	28.62	19.25	20.62	29.35	26.17	19.13	12.60	5.60
12	14.43	25.92	24.93	23.68	28.70	18.73	19.86	29.29	27.25	21.15	11.67	5.55
13	13.89	26.15	24.68	23.64	28.43	21.91	19.90	29.13	27.82	22.64	10.79	5.65
14	13.39	26.39	24.35	23.36	27.92	24.49	20.77	28.72	28.19	22.84	10.16	5.58
15	12.30	26.68	24.87	23.11	27.45	25.81	21.00	28.12	28.71	22.61	9.73	5.46
16	11.95	26.53	25.20	22.85	28.13	26.30	20.35	27.65	28.94	22.07	9.32	5.23
17	11.50	26.61	25.39	22.58	28.23	26.44	19.35	27.64	28.70	21.12	8.93	6.00
18	11.00	26.86	24.97	22.32	28.00	26.90	18.38	27.70	28.23	19.56	8.57	5.92
19	10.94	27.05	24.29	22.21	27.54	27.15	17.69	27.64	27.83	18.33	8.21	5.92
20	9.91	27.22	23.57	22.08	26.89	27.34	16.95	27.53	27.63	16.99	7.92	6.18
21	9.45	27.05	22.65	21.54	26.14	27.55	16.43	27.45	27.48	15.93	7.63	6.30
22	9.13	26.60	21.52	20.90	25.20	27.68	15.91	27.21	27.17	15.07	7.37	6.27
23	8.79	25.87	20.50	21.12	24.37	27.54	15.59	26.78	26.58	14.58	7.22	6.07
24	8.35	25.22	19.75	19.33	23.51	27.38	15.34	26.32	25.84	13.63	7.18	5.75
25	7.87	25.06	21.23	18.64	22.80	27.00	14.95	25.82	24.97	12.95	7.03	5.63
26	7.45	24.83	21.23	17.89	21.95	26.49	14.62	25.26	23.92	12.12	7.16	5.87
27	7.21	25.21	21.77	17.16	21.17	25.82	14.18	24.44	22.66	11.33	7.01	5.99
28	6.90	25.77	22.00	16.46	20.78	25.15	13.71	23.38	21.23	10.70	6.87	5.85
29	7.04	25.65	22.23	15.83	------	24.52	13.47	22.19	19.63	10.18	6.67	5.61
30	7.34	25.15	22.89	15.26	------	23.93	13.60	21.12	18.43	9.80	6.41	5.35
31	8.05	------	23.18	14.56	------	23.36	------	20.29	------	9.43	6.24	------
MAX	21.01	27.22	25.39	23.68	28.70	27.68	23.76	29.35	28.94	22.84	13.64	6.30
MIN	6.90	9.18	19.75	14.56	14.02	18.73	13.47	14.49	18.43	9.43	6.24	5.23

07353520 Nantachie Lake near Aloha, La.

LOCATION.--Lat 31°37'00", long 92°47'04", in SE¼ NW¼ sec.4, T.7 N., R.4 W., Grant Parish, at dam 2.0 mi (3.2 km) upstream from mouth, and 2.5 mi (4.0 km) northwest of of Aloha.

DRAINAGE AREA.--80.4 mi^2 (208 km^2).

PERIOD OF RECORD.--February 1969 to current year.

GAGE.--Water-stage recorder and concrete dam. Datum of gage is 92.28 ft (28.127 m) above mean sea level (levels by Louisiana Department of Public Works.

EXTREMES.--Maximum and minimum discharges for water years 1969-75 are contained in the following table:

Water year	Maximum					Minimum				
	Date	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (feet)	Gage height (metres)	Date	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (feet)	Gage height (meters)
1969a	May 9, 1969	1,360	38.5	4.88	1.487	Sept. 30, 1969	no flow		2.20	.670
1970	Mar. 5, 23, 24, 1970	320	9.06	3.80	1.158	--			(b)	
1971	May 13, 1971	705	20.0	4.27	1.301	July 23, 24, 1971	no flow		2.66	.881
1972	Jan. 5, 1972	1,210	34.3	4.75	1.448	Sept. 23, 1972	no flow		2.61	.796
1973	May 3, 1973	1,370	38.8	4.89	1.490	Oct. 22, 1972	no flow		2.50	.762
1974	Apr. 13, 1974	9,470	268	9.12	2.780	--			(b)	
1975	May 7, 1975	6,190	175	7.72	2.353	--			(b)	

a Period Feb. 25 to Sept. 30.
b Less than 2.14 ft (0.652 m), lowest recordable stage, occurred Oct. 9, 24-30, Nov. 15-17, 1969, Sept. 22-25, 30 to Nov. 9, 15, 29 to Dec. 5, 22, 1974, Jan. 17 to Feb. 15, Sept. 14-30, 1975.

Period of record: Maximum discharge, 9,470 cfs (268 m^3/s) Apr. 13, 1974 (gage height, 9.12 ft (2.780 m); no flow at times most years, minimum gage height not determined.

REMARKS.--Reservoir is formed on Nantachie Creek by earthfill dam, completed in 1964. Storage began Oct. 19, 1964. The dam contains a 150-ft (46 m) concrete spillway. See page 83 for table of daily gage heights for water year 1975. Records of water temperatures for water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, FEBRUARY TO SEPTEMBER 1969

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						327	80	49	7.0			
2						248	72	43	8.5			
3						194	72	37	7.0			
4						145	64	43	10			
5						125	68	64	20			
6						183	72	115	18			
7						206	68	342	16			
8						224	60	761	14			
9						189	52	1,290	12			
10						140	68	931	8.5			
11						105	88	596	7.0			
12						88	110	342	5.5			
13						76	342	212	4.0			
14						64	486	151	3.0			
15						167	536	110	2.0			
16						454	469	88	0			
17						536	385	80	0			
18						714	342	72	0			
19						686	378	68	0			
20						552	378	60	0			
21						400	274	49	0			
22						261	183	43	0			
23						212	130	37	0			
24					596	248	100	28	0			
25					248	248	84	24	0			
26					274	224	72	24	0			
27					194	172	68	22	0			
28					327	130	76	18	0			
29					------	110	72	14	0			
30					------	100	60	12	0			
31		------			------	88	------	8.5	------			------
TOTAL						7,646	5,309	5,733.5	142.5	0	0	0
MEAN						246	177	185	4.75	0	0	0
MAX						714	536	1,290	20	0	0	0
MIN						64	52	8.5	0	0	0	0

07353520 Nantachie Lake near Aloha, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1969 TO SEPTEMBER 1970

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			0	224	24	46	72	37	92		0	0
2			0	172	64	43	64	172	72		0	0
3			0	110	64	76	52	242	46		0	0
4			0	80	52	248	46	248	34		0	0
5			0	68	46	314	43	189	24		0	0
6			0	105	40	287	40	125	20		0	0
7			0	110	34	230	34	88	14		0	0
8			18	92	31	172	31	64	12		3.0	0
9			24	76	26	125	28	43	8.5		2.0	0
10			24	60	22	100	49	37	7.0		14	0
11			22	68	18	92	72	31	4.0		0	0
12			18	68	18	100	76	24	2.0		0	0
13			16	64	18	88	72	20	2.0		0	0
14			14	49	18	76	60	16	1.0		0	0
15			12	43	22	68	49	14	0		0	0
16			10	37	34	56	52	12	0		0	0
17			10	34	37	88	49	12	0		0	0
18			8.5	31	40	125	43	8.5	0		0	0
19			8.5	28	40	130	72	7.0	0		0	0
20			16	24	37	125	120	5.5	0		0	0
21			26	22	31	172	125	5.5	0		0	0
22			26	18	28	261	105	3.0	0		0	0
23			24	18	22	307	84	2.0	0		0	0
24			20	16	18	307	60	1.0	0		2.0	0
25			18	16	37	230	46	2.0	0		2.0	0
26			14	16	37	178	34	5.5	0		1.0	5.5
27			12	14	40	130	28	18	0		0	4.0
28			10	14	46	105	22	80	0		0	2.0
29			31	14	------	92	20	194	3.0		0	0
30			230	12	------	84	16	212	1.0		0	0
31		------	281	8.5	------	76	------	140	------		0	------
TOTAL	0	0	893.0	1,711.5	944	4,531	1,664	2,058.0	342.5	0	24.0	11.5
MEAN	0	0	28.8	55.2	33.7	146	55.5	66.4	11.4	0	.77	.38
MAX	0	0	281	224	64	314	125	248	92	0	14	5.5
MIN	0	0	0	8.5	18	43	16	1.0	0	0	0	0

WTR YR 1970 TOTAL 12,179.5 MEAN 33.4 MAX 314 MIN 0

07353520 Nantachie Lake near Aloha, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	10	3.0	72	7.0	189	40	0	18			0
2	0	5.5	3.0	64	5.5	206	43	0	16			0
3	0	2.0	3.0	56	4.0	183	34	0	12			0
4	0	1.0	3.0	115	8.5	151	28	0	10			0
5	0	1.0	3.0	92	18	110	28	0	8.5			0
6	0	1.0	2.0	64	20	96	22	0	7.0			0
7	0	1.0	2.0	52	22	76	20	88	4.0			0
8	0	1.0	1.0	43	20	60	16	151	3.0			0
9	0	5.5	1.0	37	18	46	14	115	2.0			0
10	0	5.5	1.0	34	14	46	14	100	1.0			0
11	0	1.0	7.0	31	16	46	12	206	0			0
12	40	1.0	24	28	31	49	10	561	0			0
13	105	1.0	28	28	37	46	8.5	696	0			0
14	100	8.5	24	28	34	43	8.5	588	0			0
15	80	28	34	26	37	40	8.5	462	0			0
16	56	30	52	22	40	34	7.0	294	0			22
17	37	25	40	20	40	26	5.5	183	0			22
18	26	10	34	20	43	43	7.0	130	0			16
19	20	5.5	26	16	43	125	5.5	96	0			14
20	16	5.5	24	16	49	140	4.0	100	0			18
21	14	5.5	46	14	72	120	5.5	84	0			14
22	12	5.5	84	14	88	105	5.5	68	0			10
23	10	4.0	72	14	76	88	4.0	52	0			7.0
24	24	4.0	56	14	64	72	3.0	49	0			5.5
25	26	4.0	46	14	56	60	2.0	56	0			4.0
26	24	4.0	28	12	162	72	1.0	49	0			2.0
27	13	4.0	24	10	224	64	1.0	40	0			2.0
28	30	3.0	20	10	224	52	1.0	34	0			2.0
29	32	3.0	22	8.5	------	52	0	26	0			1.0
30	28	3.0	37	8.5	------	46	0	22	0			1.0
31	20	------	80	8.5	------	40	------	18	------			------
TOTAL	713	189.0	830.0	991.5	1,473.0	2,526	358.5	4,268	81.5	0	0	140.5
MEAN	23.0	6.30	26.8	32.0	52.6	81.5	12.0	138	2.72	0	0	4.68
MAX	105	30	84	115	224	206	43	696	18	0	0	22
MIN	0	1.0	1.0	8.5	4.0	26	0	0	0	0	0	0

CAL YR 1970 TOTAL 13,018.50 MEAN 35.7 MAX 314 MIN 0
WTR YR 1971 TOTAL 11,571.00 MEAN 31.7 MAX 696 MIN 0

07353520 Nantachie Lake near Aloha, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	4.0	31	335	46	52	3.0	0	0		
2	0	0	24	72	320	307	40	24	0	0		
3	0	0	72	88	236	281	31	80	0	0		
4	1.0	0	60	486	167	224	28	125	0	1.0		
5	1.0	0	72	1,120	120	167	22	115	0	10		
6	0	0	189	1,020	96	120	18	72	0	18		
7	0	0	194	668	130	92	18	52	0	20		
8	0	0	156	423	178	178	16	43	0	16		
9	0	0	115	307	236	172	12	31	0	16		
10	0	0	88	281	236	130	10	24	0	14		
11	0	0	68	212	183	100	8.5	18	0	10		
12	0	0	52	172	172	80	8.5	37	0	8.5		
13	0	0	52	145	172	68	7.0	110	0	5.5		
14	0	0	49	115	162	56	7.0	162	0	4.0		
15	0	0	72	92	151	56	5.5	151	0	4.0		
16	0	0	145	76	125	76	7.0	96	4.0	3.0		
17	0	0	356	68	98	88	7.0	64	16	4.0		
18	0	0	385	64	92	92	5.5	43	14	7.0		
19	0	1.0	327	60	80	76	4.0	28	12	7.0		
20	0	2.0	281	80	68	72	4.0	18	8.5	5.5		
21	0	2.0	194	92	60	115	4.0	12	5.5	3.0		
22	0	1.0	125	100	56	140	5.5	8.5	4.0	4.0		
23	0	3.0	88	100	49	140	4.0	5.5	3.0	3.0		
24	0	4.0	68	88	43	125	4.0	4.0	1.0	2.0		
25	0	3.0	56	80	43	120	2.0	3.0	0	0		
26	0	2.0	46	68	43	92	1.0	2.0	0	0		
27	0	2.0	40	56	37	80	0	1.0	0	0		
28	0	1.0	37	52	34	92	5.5	0	0	0		
29	0	2.0	31	68	34	96	5.5	1.0	0	0		
30	0	2.0	28	224	------	76	4.0	3.0	0	0		
31	0	------	26	300	------	68	------	1.0	------	0		------
TOTAL	2.0	25.0	3,500.0	6,808	3,756	3,625	346.5	1,337.0	68.0	165.5	0	0
MEAN	.065	.83	113	220	130	117	11.6	43.1	2.27	5.34	0	0
MAX	1.0	4.0	385	1,120	335	307	52	162	16	20	0	0
MIN	0	0	4.0	31	34	46	0	0	0	0	0	0

CAL YR 1971 TOTAL 13,366.00 MEAN 36.6 MAX 696 MIN 0
WTR YR 1972 TOTAL 19,633.00 MEAN 53.6 MAX 1,120 MIN 0

07353520 Nantachie Lake near Aloha, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	4.0	20	105	320	68	140		14	2.0	8.5	0
2	0	5.5	18	105	371	64	115		12	0	24	0
3	0	7.0	18	130	392	56	100		10	0	22	0
4	0	10	18	145	356	60	84		18	0	16	14
5	0	10	20	162	335	56	76		28	28	12	125
6	0	8.5	22	267	206	92	76		26	172	8.5	218
7	0	12	20	356	162	274	140		20	140	7.0	200
8	0	12	20	478	167	431	167		14	96	8.5	162
9	0	10	26	511	212	486	172		10	76	8.5	105
10	0	10	56	503	224	423	151		8.5	52	5.5	68
11	0	8.5	140	416	230	408	125		7.0	46	4.0	92
12	0	8.5	206	300	194	446	100		10	43	2.0	96
13	0	24	218	230	206	469	88		16	28	1.0	76
14	0	64	206	194	385	371	72		20	20	0	52
15	0	76	307	167	439	254	68	88	22	14	0	49
16	0	72	314	140	439	839	254	68	26	10	0	24
17	0	52	300	120	371	1,040	469	52	28	10	0	18
18	0	60	267	110	274	900	921	43	28	8.5	0	12
19	0	76	200	100	212	614	931	34	22	7.0	0	8.5
20	0	60	224	92	172	392	714	31	18	5.5	0	5.5
21	0	49	300	230	140	242	486	26	24	4.0	0	4.0
22	0	43	335	349	115	167	320	22	22	3.0	0	3.0
23	0	31	356	363	105	130	218	20	18	2.0	0	2.0
24	0	28	356	335	96	385	178	26	14	1.0	0	5.5
25	0	34	287	254	92	790	140	28	8.5	1.0	0	8.5
26	0	31	218	254	84	732	96	26	7.0	2.0	0	8.5
27	0	28	162	254	80	570	88	28	5.5	12	0	10
28	0	31	125	267	72	392		26	4.0	10	0	8.5
29	0	26	105	242	------	281		22	4.0	8.5	0	10
30	0	24	105	212	------	212		18	3.0	5.5	0	10
31	1.0	------	115	183	------	167	------	16	------	3.0	0	------
TOTAL	1.0	915.0	5,084	7,574	6,451	11,811			467.5	810.0	127.5	1,395.0
MEAN	.032	30.5	164	244	230	381			15.6	26.1	4.11	46.5
MAX	1.0	76	356	511	439	1,040			28	172	24	218
MIN	0	4.0	18	92	72	56	0	0	3.0	0	0	0

CAL YR 1972 TOTAL 22,106.00 MEAN 60.4 MAX 1,120 MIN 0
WTR YR 1973 TOTAL MIN 0

07353520 Nantachie Lake near Aloha, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.5	12	46	115	400	68	135	72	18	0	0	8.5
2	8.5	12	40	100	300	64	88	72	16	0	0	8.5
3	5.5	12	34	200	236	60	64	64	12	0	0	14
4	5.5	16	115	236	194	52	49	56	10	0	0	8.5
5	4.0	60	178	236	162	52	34	46	7.0	0	0	5.5
6	2.0	84	200	261	145	46	24	43	3.0	0	0	3.0
7	2.0	84	183	294	145	40	20	34	2.0	0	0	2.0
8	1.0	72	120	320	140	37	20	28	2.0	0	0	10
9	0	64	80	439	135	34	16	24	1.0	0	0	24
10	0	43	56	486	125	31	12	18	5.5	0	0	40
11	2.0	28	40	588	105	49	18	34	5.5	0	0	52
12	10	20	31	588	96	156	4,760	37	4.0	0	0	46
13	24	18	28	454	92	178	7,390	28	4.0	0	0	34
14	64	16	26	342	84	135	3,070	22	3.0	0	0	2.0
15	72	14	24	248	110	92	1,180	20	2.0	0	0	1.0
16	115	12	22	212	206	76	584	16	3.0	1.0	0	0
17	92	10	18	189	314	52	270	14	5.5	2.0	0	0
18	72	8.5	14	172	356	43	86	12	18	3.0	0	0
19	52	8.5	28	274	307	37	66	12	14	2.0	0	0
20	37	10	76	561	236	37	0	18	10	1.0	0	0
21	26	20	88	650	200	46	5.5	20	8.5	0	0	0
22	20	24	92	614	178	43	43	24	5.5	0	0	0
23	16	26	76	511	162	46	135	20	3.0	0	0	0
24	12	26	519	494	145	46	189	16	1.0	0	0	0
25	8.5	64	632	723	115	49	189	14	0	0	0	0
26	8.5	72	511	973	92	60	156	26	0	0	0	0
27	7.0	76	446	984	80	120	120	28	0	0	0	0
28	5.5	72	363	1,170	72	172	100	22	0	0	0	0
29	4.0	64	267	921	------	212	84	20	0	0	0	0
30	2.0	60	194	723	------	206	76	16	0	0	0	0
31	10	------	156	561	------	183	------	14	------	0	2.0	------
TOTAL	696.5	1,108.0	4,703	14,639	4,932	2,522	18,983.5	890	163.5	9.0	2.0	259.0
MEAN	22.5	36.9	152	472	176	81.4	633	28.7	5.45	.29	.065	8.63
MAX	115	84	632	1,170	400	212	7,390	72	18	3.0	2.0	52
MIN	0	8.5	14	100	72	31	0	12	0	0	0	0

CAL YR 1973 TOTAL MIN 0
WTR YR 1974 TOTAL 48,907.50 MEAN 134 MAX 7,390 MIN 0

07353520 Nantachie Lake near Aloha, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					0	120	90	230	60	125	31	18
2					0	105	70	254	52	130	26	18
3					0	96	64	454	43	115	43	14
4					0	236	60	761	31	100	56	10
5					0	462	58	931	28	84	64	8.5
6					0	588	56	3,380	26	64	64	7.0
7					0	536	54	4,620	22	46	64	0
8					0	363	52	2,040	31	43	64	0
9					0	236	130	1,490	43	60	49	0
10					0	190	307	921	690	145	34	0
11					0	160	371	579	5,300	416	24	0
12					0	140	342	392	2,290	544	20	0
13					0	1,300	236	281	1,560	408	16	0
14					0	2,000	200	236	860	242	10	0
15					0	1,600	224	274	570	156	8.5	0
16					624	1,000	248	218	416	100	5.5	0
17					1,710	500	224	178	314	72	3.0	0
18					1,220	640	178	140	236	56	4.0	0
19					742	600	151	110	189	72	3.0	0
20					400	400	115	88	156	64	2.0	0
21					200	300	88	80	140	46	1.0	0
22					150	200	76	68	115	34	1.0	0
23					200	130	68	60	110	28	2.0	0
24					260	110	60	52	125	34	4.0	0
25					240	90	56	60	120	156	8.5	0
26					210	70	56	56	105	162	14	0
27					172	60	52	52	96	110	16	0
28					140	58	46	49	110	76	16	0
29					------	180	60	64	110	56	14	0
30					------	170	194	72	105	52	14	0
31		------			------	130	------	72	------	40	18	------
TOTAL	0	0	0	0	6,268	12,770	3,986	18,262	14,053	3,836	699.5	75.5
MEAN	0	0	0	0	224	412	133	589	468	124	22.6	2.52
MAX	0	0	0	0	1,710	2,000	371	4,620	5,300	544	64	18
MIN	0	0	0	0	0	58	46	49	22	28	1.0	0
AC-FT	0	0	0	0	12,430	25,330	7,910	36,220	27,870	7,610	1,390	150

CAL YR 1974 TOTAL 42,400.00 MEAN 116 MAX 7,390 MIN 0
WTR YR 1975 TOTAL 59,950.00 MEAN 164 MAX 5,300 MIN 0

07353520 Nantachie Lake near Aloha, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				--		3.46	--	3.66	3,32	3.47	3.23	3.17
2				--		3.43	--	3.70	3.30	3.48	3.21	3.17
3				--		3.41	--	3.98	3,27	3.45	3.27	3.15
4				--		3.67	--	4.33	3,23	3.42	3.31	3.13
5				--		3.99	--	4.50	3.22	3.38	3.33	3.12
6			2.19	--		4.14	--	6.13	3.21	3.33	3.33	3.11
7			2.16	--		4.08	--	6.95	3.19	3.28	3.33	3.01
8			2.15	--		3.86	3.30	5.40	3.23	3.27	3.32	2.82
9			2.14	--		3.67	3.48	4.99	3.27	3.32	3.29	2.61
10		2.16	2.14	--		--	3.78	4.49	4.04	3.51	3.24	2.40
11		2.21	2.17	--		--	3.87	4.13	7.29	3.93	3.20	2.24
12		2.18	2.17	--		--	3.83	3.90	6.21	4.09	3.18	2.19
13		2.16	2.16	--		--	3.67	3.74	5.04	3.92	3.16	2.15
14		2.15	2.17	--		--	3.61	3.67	4.43	3.68	3.13	
15			2.18	--		--	3.65	3.73	4.12	3.53	3.12	
16		2.17	2.17	--	4.02	--	3.69	3.64	3.93	3.42	3.10	
17		2.21	2.16		5.16	--	3.65	3.57	3.79	3.35	3.08	
18		2.20	2.17		4.76	--	3.57	3.50	3.67	3.31	3.09	
19		2.19	2.17		4.31	--	3.52	3.44	3.59	3.35	3.08	
20		2.19	2.16		--	--	3.45	3.39	3.53	3.33	3.07	
21		2.18	2.14		--	--	3.39	3.37	3.50	3.28	3.06	
22		2.17			--	--	3.36	3.34	3.45	3.24	3.06	
23		2.16	--		--	--	3.34	3.32	3.44	3.22	3.07	
24		2.16	--		--	--	3.32	3.30	3.47	3.24	3.09	
25		2.16	--		--	--	3.31	3.32	3.46	3.53	3.12	
26		2.15	--		--	--	3.31	3.31	3.43	3.54	3.15	
27		2.14	--		3.56	--	3.30	3.30	3.41	3.44	3.16	
28		2.14	--		3.50	--	3.28	3.29	3.44	3.36	3.16	
29			--		------	--	3.32	3.33	3.44	3.31	3.15	
30			--		------	--	3.60	3.35	3.43	3.30	3.15	
31		------	--		------	--	------	3.35	------	3.26	3.17	------
MAX		2.21	2.19		5.16	--	--	6.95	7.29	4.09	3.33	3.17
MIN						--	3.28	3.29	3.19	3.22	3.06	

NOTE.--Less than 2.14 ft, lowest recordable stage, occurred Oct. 1 to Nov. 9, Nov. 15, Nov. 29 to Dec. 5, Dec. 22, Jan. 17 to Feb. 15, Sept. 14-30.

07354000 Little Sandy Creek at Kisatchie, La.

LOCATION.--Lat 31°24'30", long 93°10'15", in SE¼ sec.15, T.5 N., R.8 W., Natchitoches Parish, near right bank at downstream side of bridge on State Highway 117, 0.5 mi (0.8 km) south of Kisatchie, and 2.0 mi (3.2 km) upstream from mouth.

DRAINAGE AREA.--21.4 mi^2 (55.4 km^2).

PERIOD OF RECORD.--September 1949 to current year.

GAGE.--Water-stage recorder. Datum of gage is 204.44 ft (62.313 m) above mean sea level. May 20, 1964, to Aug. 31, 1965, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--26 years, 29.9 ft^3/s (0.847 m^3/s), 18.97 in/yr (482 mm/yr), 21,660 acre-ft/yr (26.7 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 5,030 ft^3/s (142 m^3/s) May 8 (gage height, 14.05 ft or 4.282 m); minimum daily, 1.5 ft^3/s (0.042 m^3/s) Oct. 12-13.
Period of record: Maximum discharge, 5,880 ft^3/s (167 m^3/s) Apr. 29, 1953 (gage height, 15.36 ft or 4.682 m); minimum, 0.2 ft^3/s (0.006 m^3/s) Sept. 19, 21, 22, 27, 1956.
REVISION.--The maximum discharge for the water year 1961 has been revised to 3,760 ft^3/s (106 m^3/s) Mar. 17, 1961 (gage height, 11.85 ft or 3.612 m), superseding figure published in WSP 1920.

REMARKS.--Records fair. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	150	26	47	14	17	20	98	26	15	201	4.4
2	1.7	26	23	39	37	15	18	99	22	14	40	4.0
3	1.7	16	22	149	110	15	15	504	21	15	12	4.0
4	1.7	221	22	63	360	191	14	779	20	19	9.9	4.0
5	1.7	46	21	47	65	49	13	273	35	11	9.2	5.0
6	1.7	24	617	38	42	31	12	128	21	9.5	8.0	4.6
7	1.7	17	99	188	35	28	12	82	20	8.6	7.8	6.0
8	1.6	28	51	82	32	22	32	1,670	19	9.2	8.6	4.6
9	1.6	26	34	91	31	21	133	184	20	14	8.0	4.4
10	1.6	242	28	804	30	27	43	102	1,090	196	7.2	4.2
11	1.6	99	57	107	28	22	123	55	117	15	7.0	3.8
12	1.5	38	33	121	32	21	37	46	61	8.9	6.8	3.6
13	1.5	24	26	66	25	620	27	35	37	7.0	6.8	3.6
14	1.8	19	112	49	22	83	102	39	28	6.0	6.5	3.6
15	67	17	287	43	95	50	48	47	72	5.2	6.0	3.6
16	7.2	124	54	37	313	41	32	44	32	5.0	6.0	3.6
17	4.0	95	39	39	53	80	26	35	24	4.6	6.0	6.5
18	2.8	130	33	40	44	287	24	27	20	4.4	5.5	4.4
19	2.2	285	50	40	28	51	22	25	19	4.2	5.5	4.0
20	2.1	113	32	32	26	41	19	24	18	4.8	41	3.8
21	1.9	49	24	28	25	35	31	22	27	4.4	37	3.8
22	1.8	38	22	26	24	31	38	22	17	199	9.2	3.6
23	1.7	32	37	24	47	28	26	20	17	40	7.5	3.6
24	1.7	110	93	28	29	27	22	22	16	17	7.0	3.4
25	1.7	56	180	35	23	24	19	30	22	11	6.8	3.4
26	1.7	40	96	25	22	22	17	24	19	9.2	6.2	3.4
27	1.7	32	338	26	20	22	16	20	17	8.0	5.8	3.4
28	142	28	258	20	17	22	15	48	15	8.0	5.5	3.4
29	343	26	99	19	------	34	82	184	12	8.0	5.2	3.2
30	26	34	73	14	------	36	550	68	11	7.5	5.0	3.2
31	138	------	56	14	------	23	------	33	------	6.8	4.8	------
TOTAL	769.7	2,185	2,942	2,381	1,629	2,016	1,588	4,789	1,900	695.3	508.8	120.1
MEAN	24.8	72.8	94.9	76.8	58.2	65.0	52.9	154	63.3	22.4	16.4	4.00
MAX	343	285	617	804	360	620	550	1,670	1,090	199	201	6.5
MIN	1.5	16	21	14	14	15	12	20	11	4.2	4.8	3.2
CFSM	1.16	3.40	4.43	3.59	2.72	3.04	2.47	7.20	2.96	1.05	.77	.19
IN.	1.34	3.80	5.11	4.14	2.83	3.50	2.76	8.32	3.30	1.21	.88	.21
AC-FT	1,530	4,330	5,840	4,720	3,230	4,000	3,150	9,500	3,770	1,380	1,010	238

CAL YR 1974 TOTAL 16,896.9 MEAN 46.3 MAX 1,500 MIN 1.5 CFSM 2.16 IN 29.37 AC-FT 33,520
WTR YR 1975 TOTAL 21,523.9 MEAN 59.0 MAX 1,670 MIN 1.5 CFSM 2.76 IN 37.42 AC-FT 42,690

PEAK DISCHARGE (BASE, 1,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
10-29	0100	8.10	1,920	2-16	0300	5.65	1,100
10-31	2330	5.85	1,160	3-13	1300	7.12	1,570
11- 4	1330	5.40	1,020	3-18	0130	5.39	1,020
11-10	1930	5.53	1,060	4-30	0400	6.43	1,330
12- 6	1300	7.82	1,820	4-30	1930	5.57	1,070
12-15	0100	6.58	1,380	5- 4	0300	9.98	2,740
1-10	1030	8.88	2,230	5- 8	0430	14.05	5,030
				6-10	1600	11.36	3,450

NOTE.--Discharges below about 50 cfs computed from once-daily wire-weight-gage readings.

07354000 Little Sandy Creek at Kisatchie, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.17	1.58	.71	.91	.38	.49	.54	1.43	.47	.11	1.48	.16
2	.16	.71	.66	.84	.70	.47	.51	1.25	.38	.09	.82	.14
3	.16	.56	.65	1.74	1.18	.46	.46	3.24	.33	.11	.40	.14
4	.16	1.81	.64	1.12	2.77	1.86	.44	4.06	.30	.18	.32	.14
5	.16	.96	.63	.94	1.11	.95	.43	2.39	.53	.04	.29	.19
6	.16	.68	3.56	.83	.78	.70	.42	1.65	.50	.00	.24	.17
7	.16	.57	1.44	1.75	.67	.64	.40	1.18	.31	-.03	.22	.23
8	.15	.74	.99	1.30	.63	.57	.68	6.21	.26	-.01	.26	.17
9	.15	.70	.78	1.23	.62	.55	1.49	1.95	.31	.10	.24	.16
10	.15	1.80	.70	4.36	.61	.65	.86	1.44	4.44	1.70	.20	.15
11	.15	1.44	1.06	1.50	.58	.56	1.51	.98	1.57	.45	.18	.13
12	.14	.86	.77	1.58	.64	.55	.78	.82	1.06	.28	.16	.12
13	.14	.68	.68	1.12	.54	3.75	.65	.66	.70	.18	.16	.12
14	.17	.61	1.09	.90	.50	1.31	1.30	.73	.55	.13	.15	.12
15	1.12	.57	2.30	.80	1.03	.96	.92	.86	.98	.10	.13	.12
16	.46	1.37	1.02	.70	2.45	.83	.71	.83	.61	.09	.13	.12
17	.32	1.41	.84	.73	.99	1.04	.63	.66	.41	.07	.13	.25
18	.25	1.53	.77	.74	.87	2.36	.59	.51	.30	.06	.11	.16
19	.21	2.38	.98	.75	.67	.97	.56	.46	.28	.05	.11	.14
20	.20	1.54	.75	.63	.63	.83	.52	.41	.24	.08	.43	.13
21	.18	1.00	.65	.58	.61	.75	.70	.38	.51	.06	.75	.13
22	.17	.86	.61	.55	.60	.70	.79	.35	.20	1.87	.36	.12
23	.16	.78	.76	.52	.90	.66	.62	.32	.16	.82	.29	.12
24	.16	1.38	1.39	.58	.68	.65	.57	.36	.15	.50	.27	.11
25	.16	1.15	1.80	.67	.58	.59	.52	.57	.35	.36	.26	.11
26	.15	.88	1.33	.54	.56	.57	.49	.41	.28	.29	.24	.11
27	.16	.79	2.73	.55	.54	.56	.48	.32	.18	.24	.22	.10
28	.87	.74	2.31	.47	.50	.57	.47	.77	.11	.24	.21	.10
29	2.32	.71	1.44	.45	------	.74	1.11	1.70	.07	.23	.20	.09
30	.71	.81	1.22	.37	------	.77	3.56	1.14	.04	.21	.19	.09
31	1.23	------	1.04	.37	------	.58	------	.63	------	.16	.18	------
MAX	2.32	2.38	3.56	4.36	2.77	3.75	3.56	6.21	4.44	1.87	1.48	.25
MIN	.14	.56	.61	.37	.38	.46	.40	.32	.04	-.03	.11	.09

07355500 Red River at Alexandria, La.

LOCATION.--Lat 31°18'46", long 92°26'34", in SE¼ sec.10, T.4 N., R. 1 W., Rapides Parish, near center of span on downstream side of old bridge on U.S. Highway 165 between Alexandria and Pineville, and 1.7 mi (2.7 km) downstream from Bayou Rigolette.

DRAINABE AREA.--67,500 mi^2 (174,800 km^2), of which 5,936 mi^2 (15,374 km^2) above Denison Dam is noncontributing.

RECORDS AVAILABLE.--October 1928 to current year. Since January 1928, in reports of Mississippi River Commission. Discharge observations in 1858 and intermittently 1879 to 1927, and gage heights since 1872 in reports of Mississippi River Commission.

GAGE.--Wire-weight gage read twice daily. Datum of gage is 44.26 ft (13.490 m) above mean sea level or 44.18 ft (13.466 m) above mean Gulf level, datum of Mississippi River Commission (levels by Corps of Engineers). Prior to July 14, 1934, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--46 years (1928-74) 31,220 ft^3/s (884 m^3/s) 22,620,000 acre-ft (27.89 km^3/yr).
47 years (1928-75) 31,870 ft^3/s (903 m^3/s), 23,090,000 acre-ft/yr (28.47 km^3/yr).

EXTREMES.--Current year: Maximum daily discharge, 130,000 ft^3/s (3,680 m^3/s) Feb. 12; minimum daily, 7,400 ft^3/s (210 m^3/s) Sept. 24, 25.
1973-74.--Maximum daily discharge, 142,000 ft^3/s (4,020 m^3/s) Dec. 9; minimum daily, 5,300 ft^3/s (150 m^3/s) Aug. 18.
Period of record: Maximum discharge, 233,000 ft^3/s (6,600 m^3/s Apr. 17, 1945, gage height, 45.23 ft (13.768 m); minimum, 873 ft^3/s (24.7 m^3/s) Oct. 30, 1956, gage height, -3.01 ft (-0.917 m).
A discharge of 210,000 ft^3/s (5,950 m^3/s) was measured July 2, 1908, gage height, 41.6 ft (12.68 m).

REMARKS.--Regulation by Lake Texoma, Millwood Reservoir, and Texarkana Reservoir. Records of chemical analyses and suspended sediment for the water year 1975 are published in Section of this report.

COOPERATION.--Gage-height record and computations of daily discharge furnished by Corps of Engineers; records reviewed by Geological Survey.

REVISIONS (WATER YEARS).--WSP 1211: Drainage area. WSP 1241: 1929-36.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15,000	43,000	104,000	83,000	102,000	44,000	32,000	65,000	18,000	30,000	9,100	10,000
2	15,000	43,000	109,000	78,000	97,000	43,000	29,000	60,000	18,000	29,000	8,900	9,700
3	16,000	50,000	110,000	76,000	91,000	41,000	26,000	57,000	21,000	26,000	9,000	13,000
4	28,000	61,000	128,000	76,000	83,000	38,000	24,000	54,000	22,000	25,000	9,400	17,000
5	33,000	71,000	134,000	73,000	75,000	34,000	22,000	53,000	22,000	24,000	9,500	21,000
6	33,000	79,000	135,000	71,000	71,000	32,000	21,000	59,000	23,000	23,000	9,600	27,000
7	31,000	82,000	140,000	68,000	66,000	29,000	19,000	67,000	23,000	22,000	9,100	32,000
8	30,000	85,000	141,000	64,000	63,000	26,000	19,000	82,000	25,000	21,000	8,300	36,000
9	29,000	85,000	142,000	60,000	57,000	24,000	16,000	87,000	41,000	21,000	8,000	38,000
10	27,000	77,000	140,000	60,000	56,000	22,000	15,000	88,000	59,000	21,000	7,700	39,000
11	26,000	74,000	137,000	60,000	50,000	21,000	16,000	87,000	79,000	20,000	8,100	39,000
12	26,000	65,000	132,000	67,000	49,000	21,000	33,000	79,000	95,000	20,000	8,000	38,000
13	26,000	56,000	123,000	69,000	42,000	23,000	41,000	76,000	105,000	20,000	7,900	37,000
14	30,000	47,000	116,000	76,000	42,000	25,000	42,000	69,000	109,000	18,000	7,500	35,000
15	35,000	45,000	103,000	82,000	39,000	27,000	39,000	62,000	112,000	18,000	6,800	44,000
16	44,000	44,000	95,000	84,000	40,000	29,000	37,000	52,000	113,000	17,000	5,900	62,000
17	49,000	43,000	81,000	85,000	41,000	31,000	33,000	41,000	112,000	16,000	5,400	69,000
18	68,000	38,000	75,000	86,000	38,000	36,000	30,000	38,000	110,000	15,000	5,300	72,000
19	75,000	36,000	70,000	88,000	36,000	43,000	28,000	35,000	105,000	14,000	5,400	73,000
20	83,000	34,000	68,000	88,000	35,000	45,000	28,000	32,000	99,000	13,000	5,800	73,000
21	80,000	33,000	63,000	88,000	35,000	45,000	28,000	30,000	96,000	12,000	8,700	75,000
22	69,000	33,000	66,000	86,000	41,000	43,000	27,000	30,000	90,000	11,000	9,600	75,000
23	63,000	32,000	65,000	84,000	48,000	42,000	28,000	29,000	82,000	11,000	12,000	74,000
24	58,000	34,000	69,000	88,000	51,000	41,000	31,000	26,000	76,000	10,000	12,000	66,000
25	51,000	35,000	73,000	96,000	53,000	40,000	43,000	24,000	70,000	10,000	11,000	66,000
26	45,000	45,000	76,000	102,000	51,000	38,000	46,000	23,000	64,000	10,000	12,000	65,000
27	42,000	51,000	79,000	104,000	49,000	37,000	54,000	22,000	55,000	11,000	12,000	68,000
28	44,000	72,000	82,000	105,000	45,000	37,000	66,000	21,000	50,000	11,000	12,000	75,000
29	44,000	81,000	84,000	105,000	------	36,000	68,000	20,000	41,000	11,000	13,000	81,000
30	43,000	93,000	84,000	105,000	------	35,000	67,000	19,000	33,000	11,000	12,000	91,000
31	39,000	------	82,000	105,000	------	33,000	------	18,000	------	10,000	11,000	------
TOTAL	1,297.0M	1,667.0M	3,106.0M	2,562.0M	1,546.0M	1,061.0M	1,008.0M	1,505.0M	1,968.0M	531,000	280,000	1,520.7M
MEAN	41,840	55,570	100,200	82,650	55,210	34,230	33,600	48,550	65,600	17,130	9,032	50,690
MAX	83,000	93,000	142,000	105,000	102,000	45,000	68,000	88,000	113,000	30,000	13,000	91,000
MIN	15,000	32,000	63,000	60,000	35,000	21,000	15,000	18,000	18,000	10,000	5,300	9,700
AC-FT	2,573M	3,306M	6,161M	5,082M	3,066M	2,104M	1,999M	2,985M	3,904M	1,053M	555,400	3,016M

CAL YR 1973 TOTAL 21,251,900 MEAN 58,220 MAX 142,000 MIN 7,000 AC-FT 42,150,000
WTR YR 1974 TOTAL 18,051,700 MEAN 49,460 MAX 142,000 MIN 5,300 AC-FT 35,810,000

07355500 Red River at Alexandria, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93,000	24,000	100,000	55,000	25,000	61,000	78,000	36,000	66,000	43,000	13,000	12,000
2	95,000	28,000	100,000	54,000	28,000	65,000	83,000	38,000	73,000	43,000	15,000	11,000
3	95,000	39,000	100,000	53,000	39,000	67,000	87,000	45,000	79,000	45,000	17,000	11,000
4	92,000	59,000	101,000	57,000	57,000	71,000	92,000	61,000	80,000	47,000	18,000	10,000
5	87,000	80,000	102,000	59,000	84,000	75,000	96,000	77,000	78,000	45,000	22,000	10,000
6	81,000	91,000	104,000	61,000	102,000	75,000	93,000	99,000	73,000	44,000	29,000	12,000
7	72,000	97,000	101,000	64,000	114,000	71,000	92,000	113,000	71,000	40,000	34,000	13,000
8	66,000	100,000	100,000	66,000	120,000	69,000	91,000	123,000	70,000	35,000	35,000	13,000
9	59,000	105,000	101,000	65,000	122,000	63,000	83,000	126,000	73,000	34,000	35,000	13,000
10	53,000	111,000	102,000	73,000	124,000	58,000	86,000	127,000	79,000	33,000	35,000	13,000
11	48,000	118,000	104,000	74,000	128,000	54,000	76,000	125,000	94,000	33,000	32,000	12,000
12	44,000	120,000	103,000	75,000	130,000	52,000	73,000	122,000	98,000	34,000	29,000	11,000
13	42,000	121,000	100,000	74,000	129,000	57,000	73,000	119,000	100,000	34,000	25,000	11,000
14	39,000	122,000	99,000	68,000	123,000	69,000	76,000	111,000	104,000	32,000	22,000	11,000
15	37,000	121,000	98,000	67,000	120,000	79,000	79,000	105,000	111,000	29,000	19,000	11,000
16	35,000	119,000	98,000	65,000	124,000	83,000	79,000	96,000	115,000	27,000	18,000	11,000
17	33,000	110,000	97,000	63,000	124,000	85,000	74,000	96,000	111,000	25,000	17,000	11,000
18	31,000	114,000	92,000	61,000	119,000	94,000	69,000	95,000	104,000	22,000	16,000	10,000
19	29,000	116,000	85,000	60,000	110,000	98,000	60,000	94,000	97,000	21,000	15,000	9,200
20	27,000	116,000	78,000	57,000	101,000	103,000	53,000	93,000	95,000	18,000	14,000	8,600
21	25,000	114,000	71,000	55,000	91,000	104,000	49,000	87,000	94,000	16,000	14,000	8,400
22	24,000	111,000	66,000	51,000	81,000	104,000	45,000	82,000	94,000	15,000	14,000	9,300
23	23,000	103,000	61,000	47,000	74,000	101,000	42,000	78,000	89,000	12,000	14,000	7,700
24	21,000	98,000	61,000	43,000	68,000	100,000	40,000	74,000	81,000	13,000	15,000	7,400
25	20,000	96,000	58,000	39,000	63,000	94,000	39,000	71,000	73,000	13,000	15,000	7,400
26	18,000	96,000	56,000	37,000	58,000	87,000	37,000	64,000	66,000	14,000	14,000	9,000
27	17,000	100,000	57,000	34,000	56,000	82,000	36,000	60,000	60,000	13,000	14,000	11,000
28	17,000	104,000	58,000	31,000	57,000	78,000	35,000	55,000	55,000	13,000	14,000	11,000
29	17,000	105,000	57,000	29,000	------	75,000	33,000	53,000	50,000	12,000	13,000	11,000
30	17,000	103,000	57,000	27,000	------	72,000	35,000	52,000	47,000	12,000	13,000	11,000
31	19,000	------	56,000	25,000	------	72,000	------	54,000	------	12,000	12,000	------
TOTAL	1,376.0M	2,941.0M	2,623.0M	1,689.0M	2,571.0M	2,418.0M	1,984.0M	2,631.0M	2,480.0M	829,000	612,000	317,000
MEAN	44,390	98,030	84,610	54,480	91,820	78,000	66,130	84,870	82,670	26,740	19,740	10,570
MAX	95,000	122,000	104,000	75,000	130,000	104,000	96,000	127,000	115,000	47,000	35,000	13,000
MIN	17,000	24,000	56,000	25,000	25,000	52,000	33,000	36,000	47,000	12,000	12,000	7,400
AC-FT	2,729M	5,833M	5,203M	3,350M	5,100M	4,796M	3,935M	5,219M	4,919M	1,644M	1,214M	628,800

CAL YR 1974 TOTAL 18,921,700 MEAN 51,840 MAX 122,000 MIN 5,300 AC-FT 37,530,000
WTR YR 1975 TOTAL 22,471,000 MEAN 61,560 MAX 130,000 MIN 7,400 AC-FT 44,570,000

07355650 Larto Lake at dam, near Acme, La.

LOCATION.--Lat 31°20'01", long 91°56'10", in SW¼ sec.11, T.4 N., R.5 E., Catahoula Parish, at dam, 3.0 mi (4.8 km) west of Argo, 4.2 mi (6.8 km) upstream from mouth of Larto Bayou, and 7.7 mi (12.4 km) northwest of Acme.

DRAINAGE AREA.--291 mi^2 (754 km^2).

PERIOD OF RECORD.--December 1968 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 33.00 ft (10.058 m) above mean sea level (levels by Louisiana Department of Public Works).

EXTREMES.--Current year: Maximum gage height 21.29 ft (6.489 m) Apr. 19; minimum, 2.87 ft (0.875 m) Oct. 27.
Period of record: Maximum gage height 26.26 ft (8.004 m), from flood mark, occurred during period May 14-18, 1973; minimum not determined.

REMARKS.--Reservoir is formed from a natural oxbow lake by an earthfill dam, completed in 1959. The dam contains a 57-foot (17-metres) concrete spillway and a 10-foot (3-metres) wide timber gate. The crest of the dam is at a gage height of 12.45 ft (3.795 m), and the invert of the spillway is at 3.95 ft (1.204 m). The capacity at gage height of 3.95 ft (1.204 m) is estimated to be 15,000 acre-ft (18.5 hm^3). Outflow between gage heights of -2.05 ft (-0.625 m) and 3.95 ft (1.204 m) is regulated by the timber gate.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.13	--	6.34	--	8.58	15.02	18.64	18.97	18.28	12.43	4.17	3.61
2	3.12	--	6.28	--	8.17	15.04	18.74	18.70	18.05	12.07	4.20	3.62
3	3.09	--	6.32	--	7.80	15.02	18.95	18.46	17.85	11.82	4.63	3.63
4	3.09	--	6.36	--	7.67	15.17	19.00	18.61	17.65	11.49	5.21	3.62
5	3.06	--	6.34	--	8.18	15.27	19.14	18.60	17.43	11.17	5.76	3.60
6	3.06	--	6.29	--	9.18	15.35	19.28	18.76	17.27	10.78	5.90	3.73
7	3.05	--	7.06	--	10.24	15.40	19.38	19.09	17.02	10.34	5.83	3.76
8	3.05	--	7.25	--	11.11	15.43	19.48	19.58	16.84	9.86	5.66	3.75
9	3.04	--	--	--	11.84	15.40	19.73	19.92	16.70	9.39	5.46	3.74
10	3.03	--	--	--	12.32	15.32	19.91	20.22	16.60	8.92	5.26	3.73
11	3.02	--	--	--	12.76	15.24	20.13	20.42	16.51	8.51	5.07	3.72
12	3.00	--	--	--	13.25	15.12	20.25	20.56	16.57	8.10	4.89	3.73
13	3.00	--	--	--	13.57	15.23	20.39	20.63	16.56	7.69	4.75	3.75
14	2.98	--	7.18	--	13.83	15.55	20.63	20.66	16.56	7.25	4.61	3.69
15	2.97	--	7.30	--	14.03	15.86	20.80	20.70	16.67	6.81	4.49	3.66
16	2.98	--	7.34	11.19	14.46	16.20	20.98	20.68	16.74	6.38	4.37	3.66
17	2.95	--	7.36	11.24	15.00	16.52	21.11	20.62	16.74	6.03	4.41	4.08
18	2.95	--	7.37	11.28	15.45	16.99	21.18	20.53	16.72	5.74	4.31	4.22
19	2.95	--	7.36	11.27	15.76	17.38	21.27	20.43	16.61	5.53	4.20	4.25
20	2.93	--	7.24	11.32	15.95	17.66	21.26	20.33	16.45	5.33	4.10	4.27
21	2.94	--	7.05	11.28	16.07	17.83	21.20	20.24	16.28	5.13	4.02	4.25
22	2.90	6.31	6.80	11.22	16.12	17.95	21.09	20.15	16.08	4.95	3.92	4.23
23	2.90	6.49	6.51	11.12	16.12	18.06	20.86	20.06	15.89	4.78	3.83	4.21
24	2.90	6.46	6.41	10.97	15.91	18.20	20.61	19.94	15.65	4.63	3.73	4.14
25	2.90	6.32	--	10.90	15.72	18.23	20.37	19.82	15.27	4.50	3.65	4.11
26	2.90	6.14	--	10.67	15.53	18.27	20.14	19.67	14.86	4.39	3.58	4.08
27	2.90	6.03	--	10.40	15.30	18.30	19.88	19.50	14.41	4.45	3.55	4.06
28	--	6.03	--	10.11	15.10	18.39	19.58	19.29	13.93	4.45	3.54	4.04
29	--	6.17	--	9.76	------	18.52	19.32	19.08	13.45	4.41	3.51	4.02
30	--	6.38	--	9.46	------	18.62	19.10	18.87	12.89	4.43	3.48	4.01
31	--	------		9.10	------	18.57	------	18.60	------	4.25	3.58	------
MAX	--	--	--	--	16.12	18.62	21.27	20.70	18.28	12.43	5.90	4.27
MIN	2.90	--	--	--	7.67	15.02	18.64	18.46	12.89	4.25	3.48	3.60

07364100 Ouachita River near Arkansas-Louisiana State line

LOCATION.--Lat 33°01'52", long 92°05'16", in SE¼NE¼ sec.25, T.19 S., R.10 W., Union County, on right bank 500 ft (152 m) below lock and dam No. 6, 1.6 mi (2.6 km) north of Arkansas-Louisiana State line, 3.5 mi (5.6 km) downstream from Missouri Pacific Railroad Co. bridge, and 4.5 mi (7.2 km) southeast of Felsenthal, Ark.

DRAINAGE AREA.--10,787 mi^2 (27,938 km^2).

PERIOD OF RECORD.--April 1958 to current year (discharge above 19.0 ft or 5.79 m stage not determined). Gage-height record for some periods collected at same site since 1912 are contained in reports of Corps of Engineers, Vicksburg district.

GAGE.--Water-stage recorder. Datum of gage is 44.09 ft (13.439 m) above mean sea level (levels by Corps of Engineers). Prior to Aug. 26, 1958, nonrecording gage at same site and datum. Water-stage recorder for Ouachita River at Alabama Landing, near Haile (sta 07364103), 16 mi (26 km) downstream from base gage at same datum, used as auxiliary gage for this station. Prior to Aug. 26, 1958, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum gage height, 35.77 ft (10.903 m) May 19; minimum daily discharge, 1,540 ft^3/s (43.6 m^3/s) Sept. 28; minimum gage height observed, 8.14 ft (2.481 m) Sept. 27, 28, 30.
Period of record: Maximum gage height, 43.04 ft (13.119 m) May 14, 15, 1958 (discharge not determined); minimum daily discharge, 190 ft^3/s (5.38 m^3/s) Sept. 13, 1971; minimum gage height, 6.58 ft (2.006 m) Sept. 14, 1971.
1912-73: Maximum gage height, 44.2 ft (13.472 m) Apr. 11, 12, 1945; minimum, -0.3 ft (-0.091 m) Nov. 11, 1916, minimum since 1928, 5.8 ft (1.768 m) Aug. 25, 1951.

REMARKS.--Records fair. Discharge computed for stages below bankfull, about 19 ft (5.79 m). Flow regulated by Lake Ouachita since 1952 (usable capacity, 1,903,000 acre-ft or 2.35 km^3), Lake Hamilton since 1932 (usable capacity, 119,560 acre-ft or 147 hm^3), Lake Catherine since 1925 (usable capacity, 21,300 acre-ft or 26.3 hm^3), Lake Greeson since 1949 (usable capacity, 330,000 acre-ft or 407 hm^3), by DeGray Lake since August 1969 (capacity, 881,900 acre-ft or 1.09 km^3), and by navigation pools. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report. Records of chemical analyses for Lock and Dam No. 6 for the water year 1975 are published in Section 2 of the Arkansas report (see sta 07364080).

REVISIONS.--Revised figures of gage height, in feet, superseding figures published in WRD LA, 1974, are given below:

Date	Gage Height	Date	Gage Height
Nov. 18	19.82	Sept. 25	24.34
Jan. 26	35.58	Sept. 26	24.24
Sept. 20	24.94	Sept. 27	24.05
Sept. 21	24.79	Sept. 28	23.88
Sept. 22	24.69	Sept. 29	23.78
Sept. 23	24.55	Sept. 30	23.67
Sept. 24	24.40		

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		14,000									4,250	4,640
2		15,000									4,000	4,580
3		15,700									3,910	4,000
4		16,300									3,760	3,370
5											3,770	3,570
6											3,830	3,960
7											3,970	4,920
8											4,210	4,820
9											3,760	4,530
10											3,030	3,950
11											2,960	2,340
12											2,950	2,160
13											2,370	2,470
14											1,790	3,390
15	6,700										2,860	3,980
16	6,200										3,880	3,670
17	6,100										4,570	3,020
18	6,000										5,460	3,090
19	5,900										7,340	2,370
20	5,800									7,400	10,100	2,120
21	5,700									7,000	13,000	2,130
22	5,700									5,400	14,300	2,260
23	5,700									4,400	15,500	2,200
24	5,700									4,000	13,600	2,340
25	5,600									4,400	9,650	2,250
26	5,540									3,600	7,100	1,750
27	4,550									3,400	6,280	1,630
28	3,810									6,920	4,890	1,540
29	4,690				------					5,890	4,820	1,670
30	7,070				------					4,930	4,820	1,660
31	6,920	------			------		------		------	4,480	4,680	------
MAX											15,500	4,920
MIN											1,790	1,540

07364100 Ouachita River near Arkansas-Louisiana State line.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.61	17.02	23.24	27.88	28.92	32.50	33.69	31.34	33.51	27.66	10.86	11.00
2	23.54	17.84	23.27	27.78	29.23	32.36	33.74	31.26	33.21	27.22	10.68	10.94
3	23.48	18.34	23.45	27.71	29.65	32.17	33.80	31.43	32.91	26.77	10.53	10.47
4	23.36	18.79	23.67	27.71	30.06	31.99	33.90	31.68	32.58	26.31	10.58	9.45
5	23.27	19.17	23.97	27.69	30.43	31.87	33.95	31.92	32.26	25.36	10.50	9.23
6	23.14	19.54	24.40	27.66	30.77	31.67	34.03	32.23	31.98	25.36	10.36	10.28
7	22.92	19.86	24.82	27.65	31.07	31.44	34.09	32.57	31.75	24.82	10.38	11.06
8	22.82	20.27	25.25	27.67	31.41	31.21	34.14	32.96	31.57	24.53	10.69	11.03
9	22.23	20.60	25.66	27.75	31.75	31.03	34.25	33.33	31.45	24.24	10.36	10.82
10	21.77	20.88	26.01	27.96	32.05	30.81	34.36	33.86	31.48	23.91	9.68	10.35
11	21.27	21.11	26.43	28.14	32.35	30.61	34.40	34.23	31.56	23.63	9.54	9.10
12	20.74	21.25	26.76	28.34	32.65	30.40	34.41	34.53	31.57	23.27	9.51	8.88
13	20.15	21.48	27.06	28.51	32.87	30.63	34.38	34.78	31.52	22.88	9.06	9.07
14	19.55	21.77	27.36	28.64	33.00	31.01	34.43	35.00	31.45	22.46	8.60	9.70
15	18.91	22.05	27.73	28.71	33.15	31.15	34.38	35.26	31.45	21.80	9.26	10.24
16	18.24	22.29	27.64	28.83	33.41	31.38	34.29	35.51	31.43	21.32	10.18	10.01
17	17.50	22.45	27.64	29.95	33.51	31.65	34.17	35.65	31.35	20.74	10.78	9.46
18	16.69	22.50	27.80	29.13	33.52	31.95	34.04	35.73	31.24	20.12	11.33	9.35
19	15.30	22.79	28.04	29.34	33.49	32.26	33.87	35.77	31.12	19.44	12.62	8.82
20	14.85	22.94	28.37	29.56	33.42	32.56	33.68	35.76	30.99	18.64	14.44	8.66
21	14.22	23.05	28.54	29.70	33.31	32.83	33.47	35.72	30.81	17.75	16.40	8.63
22	13.90	23.15	28.56	29.76	33.17	33.07	33.24	35.62	30.63	16.61	17.27	8.67
23	13.53	23.22	28.58	29.83	33.19	33.23	33.00	35.48	30.43	15.12	18.05	8.70
24	14.00	23.27	28.61	29.84	33.14	33.32	32.71	35.33	30.22	13.86	17.12	8.74
25	13.05	23.26	28.60	29.83	33.00	33.40	32.48	35.16	29.89	12.94	15.00	8.63
26	11.65	23.23	28.53	29.74	32.87	33.45	32.22	34.94	29.56	12.13	13.30	8.27
27	10.75	23.27	28.44	29.62	32.74	33.49	31.95	34.73	29.20	11.68	12.60	8.14
28	9.98	23.24	28.30	29.45	32.62	33.52	31.71	34.50	28.82	12.86	11.60	8.15
29	10.88	23.24	28.08	29.24	------	33.55	31.52	34.26	28.45	12.32	11.28	8.20
30	12.45	23.24	28.01	29.00	------	33.59	31.45	34.08	28.06	11.65	11.20	8.15
31	14.02	------	27.95	28.74	------	33.68	------	33.80	------	11.10	11.06	------
MAX	23.61	23.27	28.61	29.84	33.52	33.68	34.43	35.77	33.51	27.66	18.05	11.06
MIN	9.98	17.02	23.24	27.65	28.92	30.40	31.45	31.26	28.06	11.10	8.60	8.14

07364103 Ouachita River at Alabama Landing, near Haile, La.

LOCATION.--Lat 32°52'25", long 92°05'05", in SW¼SW¼ sec.20, T.22 N., R.4 E., Union Parish, on right bank 300 ft (91 m) upstream from road to Alabama Landing, 1.5 mi (2.4 km) downstream from Mud Lake, 9.5 mi (15.3 km) southeast of Marion, and 16 mi (26 km) downstream from gaging station Ouachita River near Arkansas-Louisiana State line (07364100).

DRAINAGE AREA.--11,100 mi^2 (28,749 km^2), approximately.

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Unpublished records from April 1958 to September 1973 available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 44.09 ft (13.439 m) above mean sea level.

EXTREMES.--Current year: Maximum gage height, 35.95 ft (10,958 m) May 19; minimum, 8.20 ft (2.499 m) Sept. 30.
Period of record: Maximum gage height, 36.61 ft (11.159 m) Jan. 31, 1974; minimum, 7.44 ft (2.268 m) Oct. 5, 1973.

REMARKS.--Flow regulated by Lake Ouachita since 1952 (usable capacity, 1,903,000 acre-ft or 2.35 km^3), Lake Hamilton since 1932 (usable capacity, 119,560 acre-ft or 147 hm^3), Lake Catherine since 1925 (usable capacity, 21,300 acre-ft or 26.3 hm^3), Lake Greeson since 1949 (usable capacity, 330,000 acre-ft or 407 hm^3), by DeGray Lake since August 1969 (capacity, 881,900 acre-ft or 1.09 km^3), and by navigation pools.

REVISIONS.--The date of the maximum gage height for water year 1974 is Jan. 31; the previously published date was in error. Revised figures of gage height, in feet, superseding figures published in WRD LA, 1974, are given below:

Date	Gage Height
Sept. 20	24.71
Sept. 21	24.65
Sept. 22	24.53
Sept. 23	24.35
Sept. 24	24.16
Sept. 25	24.13
Sept. 26	24.06
Sept. 27	23.87

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.34	12.98	22.60	27.65	28.80	32.66	33.77	31.40	33.68	27.56	10.30	10.18
2	23.28	13.72	22.74	27.55	29.05	32.53	33.84	31.31	33.37	27.11	10.21	10.13
3	23.18	14.13	22.90	27.47	29.46	32.33	33.89	31.43	33.08	26.67	10.05	9.87
4	23.04	14.50	23.13	27.49	29.90	32.16	33.94	31.71	32.73	26.22	10.24	9.41
5	22.89	4.83	23.42	27.41	30.28	31.97	34.04	31.93	32.39	25.70	10.11	9.20
6	22.72	15.20	23.86	27.39	30.66	31.77	34.10	32.27	32.06	25.20	9.84	9.65
7	22.46	15.50	24.31	27.36	31.04	31.58	34.14	32.72	31.84	24.66	9.73	9.95
8	22.14	15.84	24.73	27.41	31.40	31.32	34.19	33.06	31.64	24.36	10.05	10.01
9	21.80	16.19	25.21	27.50	31.79	31.03	34.33	33.45	31.51	24.12	9.90	9.95
10	21.30	16.65	25.60	27.68	32.06	30.87	34.44	33.96	31.51	23.74	9.43	9.70
11	20.70	17.31	26.03	27.91	32.40	30.62	34.51	34.39	31.55	23.42	9.27	9.08
12	20.10	17.92	26.39	28.11	32.67	30.47	34.50	34.68	31.61	23.09	9.23	8.88
13	19.49	18.48	26.71	28.22	32.89	30.73	34.44	34.93	31.59	22.67	9.00	8.94
14	18.77	18.97	27.05	28.33	33.06	30.94	34.51	35.13	31.49	22.18	8.71	9.11
15	18.11	19.37	27.43	28.47	33.24	31.17	34.48	35.41	31.54	21.67	8.90	9.44
16	17.45	19.75	27.33	28.62	33.47	31.45	34.42	35.64	31.49	21.05	9.45	9.37
17	16.64	20.14	27.32	28.76	33.54	31.68	34.29	35.80	31.39	20.43	9.81	9.08
18	15.79	20.48	27.65	28.91	33.58	32.03	34.12	35.91	31.32	19.69	9.85	8.82
19	14.52	20.81	27.94	29.12	33.58	32.37	34.04	35.93	31.18	18.83	10.35	8.65
20	13.60	21.10	28.14	29.35	33.50	32.65	33.84	35.93	31.06	18.00	11.21	8.61
21	12.91	21.35	28.08	29.47	33.41	32.89	33.64	35.89	30.86	17.10	12.59	8.56
22	12.38	21.58	28.16	29.59	33.33	33.12	33.39	35.81	30.68	16.14	13.16	8.51
23	11.86	21.79	28.20	29.66	33.34	33.30	33.13	35.64	30.50	14.72	13.58	8.61
24	11.63	21.97	28.23	29.68	33.24	33.44	32.88	35.51	30.22	13.46	13.66	8.55
25	11.35	22.10	28.26	29.69	33.15	33.52	32.58	35.35	29.94	12.35	13.14	8.46
26	10.45	22.19	28.22	29.65	33.05	33.57	32.34	35.13	29.55	11.64	12.12	8.32
27	9.77	22.28	28.12	29.55	32.90	33.61	32.07	34.95	29.21	11.19	11.56	8.22
28	9.13	22.34	27.98	29.39	32.78	33.63	31.82	34.63	28.78	11.41	10.98	8.28
29	9.60	22.41	27.86	29.20	------	33.73	31.57	34.37	28.38	11.40	10.51	8.28
30	10.30	22.51	27.80	28.95	------	33.75	31.50	34.27	27.99	11.04	10.37	8.22
31	11.71	------	27.72	28.68	------	33.75	------	33.97	------	10.49	10.25	------
MAX	23.34	22.51	28.26	29.69	33.58	33.75	34.51	35.93	33.68	27.56	13.66	10.18
MIN	9.13	12.98	22.60	27.36	28.80	30.47	31.50	31.31	27.99	10.49	8.71	8.22

07364200 Bayou Bartholomew near Jones, La.

LOCATION.--Lat 32°59'25", long 91°39'20", in SE¼SW¼ sec.9, T.23 N., R.8 E., Morehouse Parish, on downstream side of right pier of bridge on State Highway 834, 1 mi (2 km) downstream from Arkansas-Louisiana State line, and 1.6 mi (2.6 km) northwest of Jones.

DRAINAGE AREA.--1,187 mi^2 (3,074 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 79.21 ft (24.143 m) above mean sea level (levels by Corps of Engineers). Auxiliary water-stage recorder at site 4.0 mi (6.4 km) downstream from base gage at different datum. Oct. 1, 1959, to Dec. 6, 1966, auxiliary nonrecording gage 4.1 mi (6.6 km) downstream from base gage at datum 1.0 ft (0.305 m) higher. Prior to Oct. 1, 1959, auxiliary water-stage recorder 15.3 mi (24.6 km) upstream from base gage at datum 85.17 ft (25.960 m) above mean sea level (levels by Corps of Engineers).

AVERAGE DISCHARGE.--18 years, 1,316 ft^3/s (37.27 m^3/s), 953,400 acre-ft/yr (1.18 km^3/yr).

EXTREMES.--Current year: Maximum daily discharge, 5,480 ft^3/s (155 m^3/s) Feb. 12; maximum gage height, 25.44 ft (7.754 m) Feb. 10; minimum daily discharge, 285 ft^3/s (8.07 m^3/s) Oct. 28.
Period of record: Maximum daily discharge, 6,680 ft^3/s (189 m^3/s) Mar. 11-13, 1961; maximum gage height, 28.24 ft (8.608 m) May 21, 22, 1958; minimum discharge, 32 ft^3/s (0.906 m^3/s) July 22, 1966 (gage height, 0.35 ft or 0.107 m).

REMARKS.--Records good. Small diversions above station for irrigation. In extreme floods, considerable flow bypasses station. Most of flow is into the Bayou Lafourche-Boeuf River basins via interconnecting system of bayous and drainage ditches and passes stations Bayou Lafourche near Crew Lake and Boeuf River near Girard (sta 07369000 and 07368000). Other flow bypasses station and reenters the basin 5 mi (8 km) downstream via Overflow Creek. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,160	360	1,290	2,570	3,260	4,080	5,100	2,830	4,120	1,250	450	1,400
2	2,070	360	1,290	2,690	3,420	4,050	5,150	2,820	3,890	1,140	417	1,350
3	2,020	360	1,300	2,820	3,490	3,980	5,170	2,870	3,740	1,050	413	1,300
4	1,950	350	1,310	2,900	3,710	3,840	5,120	3,110	3,340	965	442	1,250
5	1,830	350	1,340	2,970	4,280	3,720	5,080	3,360	3,130	905	457	1,200
6	1,710	370	1,380	3,000	4,750	3,560	4,990	3,770	2,860	855	478	1,150
7	1,610	410	1,420	3,010	5,140	3,350	4,940	4,040	2,640	828	514	1,100
8	1,480	450	1,460	3,080	5,320	3,240	4,840	4,230	2,420	838	570	1,050
9	1,370	500	1,470	3,060	5,410	3,080	4,740	4,600	2,280	818	654	1,010
10	1,250	580	1,480	3,160	5,440	2,960	4,650	4,860	2,220	796	755	984
11	1,150	720	1,500	3,360	5,400	2,840	4,600	5,060	2,130	773	821	928
12	1,090	808	1,520	3,500	5,480	2,720	4,510	5,170	2,050	735	869	884
13	1,000	911	1,520	3,650	5,420	3,000	4,530	5,200	2,060	685	907	827
14	938	1,000	1,510	3,770	5,340	3,230	4,590	5,220	2,130	636	904	775
15	913	1,100	1,570	3,840	5,110	3,430	4,540	5,340	2,300	597	883	717
16	854	1,170	1,650	3,850	5,290	3,750	4,500	5,340	2,440	548	840	663
17	791	1,240	1,650	3,850	5,150	4,110	4,430	5,350	2,540	522	820	626
18	730	1,280	1,670	3,810	5,000	4,350	4,320	5,290	2,600	485	800	574
19	643	1,330	1,700	3,770	4,940	4,500	4,280	5,260	2,560	459	780	536
20	582	1,360	1,730	3,750	4,820	4,600	4,210	5,320	2,540	437	820	523
21	520	1,370	1,750	3,730	4,650	4,700	4,030	5,290	2,490	431	960	505
22	463	1,360	1,780	3,690	4,510	4,720	3,860	5,250	2,390	407	1,170	488
23	419	1,360	1,800	3,670	4,520	4,780	3,840	5,110	2,280	394	1,340	461
24	372	1,360	1,790	3,630	4,510	4,910	3,600	5,060	2,180	383	1,500	435
25	334	1,350	1,890	3,590	4,380	4,940	3,400	5,000	2,070	366	1,620	417
26	310	1,340	1,950	3,530	4,270	4,960	3,240	4,890	1,940	362	1,650	398
27	290	1,320	1,970	3,450	4,200	4,950	3,060	4,770	1,760	364	1,600	382
28	285	1,300	2,100	3,390	4,170	4,920	2,910	4,670	1,610	386	1,580	367
29	340	1,290	2,170	3,300	------	5,050	2,770	4,540	1,470	442	1,550	357
30	370	1,300	2,330	3,200	------	5,160	2,800	4,460	1,350	511	1,500	349
31	370	------	2,470	3,090	------	5,140	------	4,300	------	505	1,450	------
TOTAL	30,214	28,359	51,760	104,680	131,380	126,620	127,800	142,380	73,530	19,873	29,514	23,006
MEAN	975	945	1,670	3,377	4,692	4,085	4,260	4,593	2,451	641	952	767
MAX	2,160	1,370	2,470	3,850	5,480	5,160	5,170	5,350	4,120	1,250	1,650	1,400
MIN	285	350	1,290	2,570	3,260	2,720	2,770	2,820	1,350	362	413	349
AC-FT	59,930	56,250	102,700	207,600	260,600	251,200	253,500	282,400	145,800	39,420	58,540	45,630

CAL YR 1974 TOTAL 757,419 MEAN 2,075 MAX 6,550 MIN 270 AC-FT 1,502,000
WTR YR 1975 TOTAL 889,116 MEAN 2,436 MAX 5,480 MIN 285 AC-FT 1,764,000

07364200 Bayou Bartholomew near Jones, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.01	5.14	11.68	17.59	19.96	22.74	24.45	19.65	22.71	11.94	6.02	11.99
2	15.63	5.14	11.68	18.07	20.64	22.50	24.54	19.42	22.18	11.27	5.75	11.75
3	15.25	5.08	11.72	18.55	21.73	22.21	24.57	19.84	21.53	10.66	5.59	11.50
4	14.81	4.94	11.78	18.87	23.04	21.88	24.56	20.53	20.82	10.08	5.64	11.25
5	14.36	4.92	11.85	19.10	24.10	21.50	24.50	21.30	20.07	9.61	5.77	11.01
6	13.90	5.21	12.08	19.19	24.72	21.10	24.38	22.25	19.27	9.21	5.94	10.82
7	13.44	5.53	12.35	19.25	25.15	20.67	24.23	22.88	18.56	8.95	6.24	10.63
8	12.96	5.96	12.48	19.49	25.34	20.22	24.04	23.35	17.83	9.15	6.69	10.44
9	12.45	6.45	12.58	19.45	25.42	19.73	23.90	24.07	17.35	8.95	7.34	10.25
10	11.94	7.03	12.64	19.78	25.43	19.33	23.74	24.84	17.33	8.80	8.11	10.03
11	11.44	8.20	12.74	20.45	25.40	18.95	23.54	25.19	17.02	8.96	8.58	9.73
12	10.94	8.95	12.81	20.85	25.36	18.65	23.35	25.34	16.60	8.58	8.92	9.41
13	10.43	9.63	12.80	21.25	25.26	19.84	23.24	25.37	16.50	8.06	9.18	9.02
14	9.96	10.26	12.79	21.57	25.12	20.64	23.55	25.37	16.76	7.54	9.32	8.60
15	10.14	10.82	13.35	21.75	24.89	21.57	23.51	25.42	17.21	7.10	9.34	8.17
16	9.84	11.26	13.64	21.83	25.12	22.50	23.45	25.41	17.64	6.68	9.21	7.77
17	9.26	11.65	13.70	21.80	24.94	23.07	23.37	25.39	17.90	6.31	9.01	7.42
18	8.64	11.92	13.76	21.70	24.76	23.47	23.26	25.34	18.02	6.00	8.85	6.99
19	8.02	12.09	13.85	21.59	24.56	23.69	23.15	25.30	17.97	5.78	8.74	6.63
20	7.41	12.19	13.94	21.56	24.32	23.82	22.92	25.24	17.89	5.60	9.06	6.44
21	6.82	12.21	14.03	21.48	24.04	23.90	22.61	25.15	17.61	5.57	9.82	6.29
22	6.28	12.18	14.09	21.39	23.73	23.95	22.23	25.05	17.20	5.34	10.76	6.12
23	5.80	12.14	14.11	21.33	23.78	24.00	21.80	24.87	16.74	5.22	11.57	5.89
24	5.38	12.10	14.17	21.24	23.65	24.10	21.30	24.71	16.18	5.12	12.19	5.66
25	5.02	12.05	14.60	21.13	23.43	24.11	20.90	24.53	15.65	4.96	12.66	5.43
26	4.70	11.97	14.71	20.95	23.23	24.11	20.45	24.31	15.12	4.93	12.88	5.25
27	4.45	11.88	14.88	20.73	23.08	24.10	19.88	24.05	14.51	4.95	12.92	5.11
28	4.39	11.79	15.29	20.44	22.93	24.06	19.39	23.77	13.89	5.15	12.85	4.97
29	4.88	11.71	15.70	20.14	------	24.13	18.97	23.51	13.24	5.64	12.69	4.88
30	5.20	11.70	16.51	19.79	------	24.35	19.49	23.43	12.59	6.22	12.46	4.81
31	5.17	------	17.13	19.43	------	24.40	------	23.14	------	6.26	12.22	------
MAX	16.01	12.21	17.13	21.83	25.43	24.40	24.57	25.42	22.71	11.94	12.92	11.99
MIN	4.39	4.92	11.68	17.59	19.96	18.65	18.97	19.42	12.59	4.93	5.59	4.81

07364203 Bayou Bartholomew northwest of Jones, La.

LOCATION.--Lat 32°58'55", long 91°42'00", in NE¼ sec.13, T.23 N., R.7 E., Morehouse Parish, on right bank 0.3 mi (0.5 km) upstream from the mouth of Overflow Creek, 1.3 mi (2.1 km) south of Arkansas-Louisiana State line, 3.2 mi (5.1 km) northwest of Jones, and 4.0 mi (6.4 km) downstream from gaging station Bayou Bartholomew near Jones (sta 07364200).

DRAINAGE AREA.--1,190 mi^2 (3,082 km^2), approximately.

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Unpublished records from October 1957 to September 1973 available in files of the Baton Rouge district office.

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

EXTREMES.--Current year: Maximum gage height, 24.55 ft (7.483 m) May 12; minimum gage height not determined.
Period of record: Maximum gage height, not determined, occurred during period of no gage-height record in 1974; minimum, 2.28 ft (0.695 m) Oct. 13, 1973.

REMARKS.--Small diversions above station for irrigation. In extreme floods, considerable flow bypasses station. Most of flow is into the Bayou Lafourche-Boeuf River basins via interconnecting system of bayous and drainage ditches and passes stations Bayou Lafourche near Crew Lake and Boeuf River near Girard (sta 07369000 and 07368000). Other flow bypasses station and reenters the basin 1 mi (2 km) downstream via Overflow Creek.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.18	--	10.66	--	19.04	21.98	23.42	19.08	21.91	11.16	5.53	--
2	14.83	--	10.65	--	19.78	21.69	23.50	18.80	21.40	10.46	5.32	--
3	14.37	--	10.68	--	21.15	21.37	23.52	19.28	20.75	9.84	5.09	--
4	13.89	--	10.73	--	22.63	21.05	23.54	19.93	20.09	9.26	--	--
5	13.45	--	10.78	--	23.54	20.66	23.50	20.71	19.32	8.78	5.03	--
6	13.00	--	11.03	--	24.00	20.27	23.41	21.59	18.57	8.38	5.10	--
7	12.55	--	11.34	--	24.28	19.88	23.25	22.19	17.90	8.10	5.27	--
8	12.11	--	11.45	--	24.40	19.40	23.08	22.64	17.20	8.35	5.58	--
9	11.62	--	11.57	--	24.44	18.92	22.97	23.29	16.78	8.14	5.97	9.35
10	11.15	--	11.62	--	24.43	18.53	22.83	24.08	16.82	8.02	6.66	9.12
11	10.67	--	11.73	--	24.42	18.17	22.62	24.38	16.54	8.33	7.33	8.87
12	10.15	8.18	11.80	--	24.32	17.92	22.43	24.50	16.12	7.94	7.79	8.56
13	9.65	8.78	11.78	--	24.23	19.15	22.27	24.51	15.98	7.39	8.13	8.21
14	9.17	9.39	11.80	--	24.10	19.96	22.63	24.50	16.22	6.85	8.34	7.81
15	9.57	9.90	12.50	--	23.97	21.00	22.62	24.49	16.58	6.38	8.46	7.42
16	9.29	10.34	12.75	--	24.14	21.93	22.57	24.47	16.94	5.98	--	7.06
17	8.68	10.74	12.84	--	24.01	22.38	22.52	24.44	17.14	5.61	--	6.72
18	8.05	11.06	12.89	--	23.88	22.71	22.46	24.42	17.22	5.31	--	6.33
19	7.51	11.20	12.96	--	23.67	22.88	22.35	24.39	17.20	5.07	--	5.98
20	6.91	11.25	13.05	--	23.45	22.97	22.11	24.27	17.13	4.89	--	5.75
21	6.35	11.25	13.11	--	23.22	23.00	21.85	24.18	16.84	4.76	--	5.62
22	5.85	11.22	13.15	--	22.92	23.05	21.42	24.08	16.45	4.64	8.94	5.45
23	5.38	11.17	13.16	--	22.98	23.07	20.95	23.95	15.98	4.53	9.81	5.26
24	5.02	11.11	13.25	--	22.82	23.10	20.49	23.78	15.38	4.42	10.54	5.05
25	4.73	11.06	13.68	--	22.63	23.09	20.14	23.59	14.85	4.30	11.16	4.80
26	--	10.95	13.75	--	22.46	23.08	19.70	23.39	14.34	4.32	11.59	4.61
27	--	10.87	13.94	--	22.32	23.07	19.14	23.14	13.78	4.36	11.79	4.46
28	--	10.80	14.30	19.55	22.15	23.04	18.67	22.86	13.18	4.42	--	4.34
29	--	10.70	14.76	19.24	------	23.04	18.28	22.62	12.54	4.74	--	4.26
30	--	10.68	15.62	18.88	------	23.24	18.92	22.57	11.88	5.33	--	4.20
31	--	------	16.24	18.52	------	23.32	------	22.32	------	5.57	--	------
MAX	15.18	11.25	16.24	--	24.44	23.32	23.54	24.51	21.91	11.16	--	--
MIN	--	--	10.65	--	19.04	17.92	18.28	18.80	11.88	4.30	--	4.20

07364300 Chemin-a-Haut Bayou near Beekman, La.

LOCATION.--Lat 32°58'55", long 91°48'20", in SE¼ sec.13, T.23 N., R.6 E., Morehouse Parish, near center of span on downstream side of bridge on parish road, 1.9 mi (3.1 km) downstream from Arkansas-Louisiana State line, and 6 mi (10 km) northeast of Beekman.

DRAINAGE AREA.--271 mi^2 (702 km^2).

PERIOD OF RECORD.--October 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 76.08 ft (23.189 m) above mean sea level. Prior to Jan. 28, 1956, nonrecording gage, Jan. 29, 1956, to Oct. 1, 1966, at datum 9.50 ft (2.896 m) higher. Auxiliary water-stage recorder 4 mi (6 km) downstream from base gage at datum 76.58 ft (23.342 m) above mean sea level. Prior to Aug. 12, 1975, at datum 0.50 ft (0.152 m) lower. Prior to Sept. 30, 1968, and Nov. 20, 1974, to Aug. 11, 1975, water-stage recorder for Bayou Bartholomew near Beekman (sta 07364500) used as auxiliary gage for this station.

AVERAGE DISCHARGE.--20 years, 302 ft^3/s (8.553 m^3/s), 218,800 acre-ft/yr (270 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 9,680 ft^3/s (274 m^3/s) Feb. 3; maximum gage height, 25.41 ft (7.745 m) Feb. 4; minimum discharge, 7.0 ft^3/s (0.198 m^3/s) Oct. 13.
Period of record: Maximum discharge, 29,500 ft^3/s (835 m^3/s) Apr. 26, 1958; maximum gage height, 28.21 ft (8.598 m) Apr. 27, 1958, present datum; no flow at times in 1956, 1963, 1965, 1966, 1971.

REMARKS.--Records poor. Some diversions above station for irrigation. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	363	33	27	2,030	370	873	1,700	1,120	313	24	110	59
2	279	27	31	1,750	3,220	504	1,560	2,060	244	36	113	46
3	148	35	30	1,510	9,040	455	1,210	2,910	195	81	88	32
4	62	35	28	1,310	9,060	325	868	3,830	154	71	70	28
5	23	46	28	1,140	6,560	228	634	4,720	121	42	56	20
6	14	72	44	1,020	4,280	163	337	4,840	94	28	54	20
7	11	60	91	872	2,940	127	316	5,820	79	22	102	31
8	10	67	158	841	2,010	102	251	4,760	142	25	148	47
9	9.0	43	202	893	1,430	84	233	4,280	233	22	162	45
10	8.6	32	192	1,440	930	91	267	7,040	506	50	182	66
11	8.1	113	172	2,870	687	146	346	6,100	928	289	245	58
12	7.6	272	164	3,460	520	296	402	4,470	1,660	231	206	39
13	7.2	415	194	3,080	400	1,960	393	3,580	2,190	198	183	30
14	8.3	440	236	2,570	336	7,580	579	2,830	1,680	173	194	25
15	16	355	456	1,870	280	7,950	875	2,330	1,190	151	174	23
16	15	278	726	1,310	660	5,480	1,160	2,170	831	96	96	22
17	16	237	810	901	882	3,810	1,130	2,110	667	50	43	26
18	18	175	860	650	1,120	2,700	970	2,170	595	28	25	25
19	16	128	782	498	1,170	1,940	748	1,970	502	21	20	24
20	13	126	614	578	1,050	1,440	550	1,590	393	18	21	25
21	11	133	470	910	858	1,150	395	1,220	292	17	102	32
22	9.8	130	358	1,150	665	930	288	929	167	15	256	31
23	9.1	115	227	1,140	676	764	207	661	71	15	312	27
24	8.7	92	135	987	979	638	156	473	53	16	305	24
25	8.4	69	238	735	1,420	534	177	378	108	17	259	20
26	8.0	49	550	535	1,820	425	727	319	103	18	161	16
27	7.7	35	766	386	1,640	330	992	274	72	21	72	14
28	8.8	31	935	257	1,230	274	933	242	50	26	42	13
29	27	29	1,100	175	------	270	738	225	35	49	41	13
30	33	26	1,440	130	------	534	753	268	26	87	62	12
31	38	------	1,960	104	------	1,010	------	336	------	101	63	------
TOTAL	1,222.3	3,719	14,024	37,102	56,233	43,113	19,895	76,025	13,694	2,038	3,967	893
MEAN	39.4	124	452	1,197	2,008	1,391	663	2,452	456	65.7	128	29.8
MAX	363	440	1,960	3,460	9,060	7,950	1,700	7,040	2,190	289	312	66
MIN	7.2	26	27	104	280	84	156	225	26	15	20	12
AC-FT	2,420	7,380	27,820	73,590	111,500	85,510	39,460	150,800	27,160	4,040	7,870	1,770

CAL YR 1974 TOTAL 205,297.1 MEAN 562 MAX 11,300 MIN 7.2 AC-FT 407,200
WTR YR 1975 TOTAL 271,925.3 MEAN 745 MAX 9,060 MIN 7.2 AC-FT 539,400

07364300 Chemin-a-Haut Bayou near Beekman, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.50	16.79	16.64	20.29	17.26	19.46	20.58	19.50	17.69	12.13	13.76	12.96
2	15.93	16.65	16.71	20.04	21.53	18.87	20.51	20.65	17.06	12.48	13.80	12.71
3	14.82	16.80	16.71	19.79	24.91	18.29	20.09	21.55	16.34	13.33	13.45	12.38
4	13.25	16.81	16.67	19.56	25.39	17.04	19.54	22.38	15.68	13.17	13.15	12.16
5	12.52	16.94	16.65	19.31	25.09	16.91	19.01	23.03	14.97	12.63	12.91	11.98
6	12.20	16.43	16.95	19.08	24.33	16.15	18.10	23.25	14.31	12.25	12.86	11.98
7	12.07	16.56	16.74	18.82	23.56	15.44	17.91	23.91	13.90	12.07	13.65	12.36
8	12.00	16.44	16.78	18.77	22.87	14.86	17.46	23.46	14.73	12.17	14.24	12.72
9	11.93	16.45	16.32	18.86	22.21	14.35	17.26	23.23	15.71	12.08	14.41	12.68
10	11.90	16.75	16.21	19.81	21.54	14.37	17.44	24.78	17.60	12.79	14.63	13.08
11	11.87	16.08	16.97	21.30	20.90	15.20	17.80	24.59	18.81	15.74	15.30	12.95
12	11.83	15.86	16.88	22.07	20.30	16.79	17.99	23.82	19.90	15.16	14.90	12.54
13	11.80	15.68	16.23	21.99	19.72	20.36	17.94	23.18	20.54	14.81	14.64	12.32
14	11.84	15.74	15.65	21.49	19.19	24.27	18.63	22.53	20.03	14.53	14.77	12.16
15	12.30	16.39	17.18	20.79	18.74	24.81	19.30	22.02	19.34	14.28	14.54	12.11
16	12.67	15.94	16.09	20.04	19.12	23.92	19.79	21.70	18.74	13.56	13.55	12.12
17	12.31	15.84	15.30	19.33	19.69	22.93	19.77	21.64	18.30	12.78	12.64	12.30
18	12.34	15.01	14.40	18.73	20.05	22.08	19.53	21.63	18.03	12.28	12.18	12.34
19	12.30	14.35	13.23	18.24	20.10	21.28	19.10	21.40	17.62	12.03	12.00	12.37
20	12.17	14.34	17.78	18.40	19.90	20.57	18.60	20.95	17.02	11.91	12.01	12.46
21	12.05	14.45	17.24	19.07	19.54	20.06	18.02	20.41	16.20	11.83	13.64	12.72
22	11.99	14.40	16.85	19.49	19.09	19.63	17.40	19.87	14.77	11.74	15.41	12.75
23	11.94	14.15	15.57	19.53	19.20	19.26	16.71	19.27	13.31	11.75	15.97	12.68
24	11.91	13.77	14.42	19.28	19.78	18.95	16.01	18.72	12.89	11.78	15.90	12.64
25	11.89	13.38	15.68	18.80	20.38	18.65	16.05	18.35	13.73	11.83	15.54	12.56
26	11.87	13.05	17.55	18.26	20.85	18.27	18.54	17.97	13.66	11.88	14.40	12.44
27	11.84	12.80	18.19	17.64	20.66	17.86	19.05	17.60	13.19	12.01	13.19	12.40
28	11.91	12.72	18.55	16.81	20.10	17.50	18.95	17.26	12.73	12.19	12.62	12.43
29	12.02	12.59	18.83	15.89	------	17.47	18.57	17.05	12.44	12.76	12.60	12.47
30	12.76	12.62	19.41	15.15	------	18.57	18.72	17.56	12.21	13.43	13.02	12.50
31	12.66	------	20.11	14.60	------	19.56	------	17.95	------	13.63	13.04	------
MAX	16.50	16.79	20.11	22.07	25.39	24.81	20.58	24.78	20.54	15.74	15.97	13.08
MIN	11.80	12.62	12.64	14.60	17.26	14.35	16.01	17.05	12.21	11.74	12.00	11.98

07364500 Bayou Bartholomew near Beekman, La.

LOCATION.--Lat 32°52'20", long 91°52'04", in SW¼SW¼ sec.21, T.22 N., R.6 E., Morehouse Parish, near right bank on downstream end of pier of bridge on State Highway 139, 0.6 mi (1.0 km) downstream from Bayou de Glaize, 3.6 mi (5.8 km) south of Beekman, and 7.0 mi (11.3 km) northwest of Bastrop court house.

DRAINAGE AREA.--1,645 mi^2 (4,261 km^2).

PERIOD OF RECORD.--August 1928 to September 1931, October 1938 to September 1959. October 1959 to current year (annual maximum and gage heights only). Monthly discharge for some periods, published in WSP 1311. August 1928 to October 1931 (fragmentary) in files of Corps of Engineers, Vicksburg district, since August 1932 in reports of Corps of Engineers, Vicksburg district.

GAGE.--Water-stage recorder. Datum of gage is 70.60 ft (21.519 m) above mean sea level (levels by Corps of Engineers). Feb. 3, 1939, to Aug. 17, 1955, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum discharge, 9,670 ft^3/s (274 m^3/s) Feb. 6 (gage height, 25.96 ft or 7.913 m); minimum gage height, 2.93 ft (0.893 m) Oct. 28.
Period of record: Maximum discharge, 14,700 ft^3/s (416 m^3/s) May 2, 1958 (gage height, 28.30 ft or 8.626 m); minimum gage height, 0.63 ft (0.192 m) July 23-26, 1966, and Nov. 27, 28, 1967.
1928-31, 1938-59: Minimum discharge, 38 ft^3/s (1.08 m^3/s) July 30, 1956.
A stage of 26.75 ft or 8.153 m (from floodmark) occurred Apr. 17, 1927 (affected by overflow from Mississippi River). A discharge of 12,400 ft^3/s or 351 m^3/s (gage height, 25.78 ft or 7.858 m) was measured by the Corps of Engineers Jan. 12, 1932.

REMARKS.--Small diversions above station for irrigation. In extreme floods, considerable flow bypasses station. Most of flow is into the Bayou Lafourche-Boeuf River basins via interconnecting system of bayous and drainage ditches and passes the two stations, Bayou Lafourche near Crew Lake and Boeuf River near Girard (see sta 07369000 and 07368000).

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.05	3.89	8.67	17.35	17.11	21.44	21.20	19.62	20.57	10.65	4.64	9.35
2	13.74	3.71	8.64	17.83	18.48	20.99	21.64	19.70	20.08	9.92	4.75	9.18
3	13.33	3.60	8.58	18.06	21.88	20.51	21.78	20.31	19.51	9.25	4.69	8.94
4	12.78	3.53	8.56	18.30	24.68	20.02	21.70	21.45	18.88	8.72	5.03	8.68
5	12.17	3.48	8.56	18.27	25.64	19.49	21.46	22.04	18.22	8.20	5.04	8.43
6	11.59	3.39	8.74	18.10	25.96	18.92	21.22	22.67	17.57	7.67	4.44	8.25
7	11.06	3.55	9.53	17.91	25.65	18.36	20.90	23.18	17.03	7.18	4.21	8.01
8	10.56	3.85	9.72	17.98	25.12	17.83	20.58	23.74	16.81	7.38	4.89	7.84
9	10.09	4.09	9.78	18.00	24.57	17.36	20.28	23.67	16.38	7.65	5.19	7.73
10	9.61	4.35	9.91	18.40	23.99	17.01	20.25	24.59	16.31	7.20	5.27	7.62
11	9.14	5.66	10.05	20.27	23.47	16.79	20.13	25.32	17.03	8.36	5.62	7.50
12	8.68	6.58	10.21	21.09	23.00	16.56	20.00	25.35	17.42	8.64	6.32	7.33
13	8.22	7.22	10.24	21.47	22.55	17.95	19.92	25.02	18.05	8.00	6.69	7.03
14	7.78	7.89	10.25	21.56	22.13	21.11	20.35	24.57	18.36	7.28	6.92	6.70
15	8.65	8.46	11.50	21.43	21.73	23.35	20.64	24.20	18.23	6.62	7.15	6.36
16	8.84	8.82	12.60	21.11	21.94	24.05	20.82	23.86	17.96	6.08	7.26	6.05
17	8.24	9.14	12.84	20.67	22.13	23.85	20.98	23.62	17.48	5.52	7.11	6.07
18	7.42	9.48	12.92	20.21	22.10	23.49	21.00	23.41	17.07	4.93	6.83	5.63
19	6.65	9.58	12.98	19.75	22.08	23.04	20.92	23.27	16.75	4.46	6.55	5.17
20	6.02	9.72	13.02	19.38	21.97	22.53	20.64	23.08	16.49	4.14	6.71	4.82
21	5.43	9.67	12.89	19.17	21.78	22.07	20.28	22.83	16.14	3.92	6.41	4.55
22	4.92	9.57	12.63	19.30	21.50	21.70	19.83	22.51	15.66	3.76	6.53	4.44
23	4.48	9.49	12.33	19.56	21.70	21.38	19.37	22.15	15.15	3.76	7.42	4.37
24	4.07	9.38	12.03	19.67	21.93	21.21	18.84	21.77	14.55	3.61	8.32	4.24
25	3.72	9.28	12.33	19.57	21.82	20.98	18.29	21.53	14.00	3.44	8.98	4.05
26	3.41	9.16	12.88	19.27	21.85	20.75	17.98	21.17	13.54	3.37	9.53	3.85
27	3.16	9.02	13.13	18.87	21.91	20.55	18.04	20.82	13.04	3.41	9.68	3.66
28	2.95	8.88	13.71	18.42	21.77	20.34	18.14	20.48	12.52	3.40	9.67	3.49
29	3.80	8.76	14.24	17.91	------	20.17	18.03	20.21	11.96	3.59	9.63	3.36
30	4.47	8.71	15.19	17.41	------	20.61	18.63	20.72	11.32	3.74	9.55	3.28
31	4.22	------	16.46	16.96	------	20.80	------	20.94	------	4.25	9.47	------
MAX	14.05	9.72	16.46	21.56	25.96	24.05	21.78	25.35	20.57	10.65	9.68	9.35
MIN	2.95	3.39	8.56	16.96	17.11	16.56	17.98	19.62	11.32	3.37	4.21	3.28

07364700 Bayou de Loutre near Laran, La.

LOCATION.--Lat 32°57'19", long 92°29'59", in NW¼ sec.29, T.23 N., R.1 W., Union Parish, near center of span on downstream side of bridge on parish road, 1.5 mi (2.4 km) southwest of Laran, 1.5 mi (2.4 km) downstream from Lion Creek, and 3.0 mi (4.8 km) upstream from bridge on State Highway 550.

DRAINAGE AREA.--141 mi^2 (365 km^2).

PERIOD OF RECORD.--October 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 112.34 ft (34.241 m) above mean sea level. Prior to Jan. 31, 1956, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--20 years, 192 ft^3/s (5.437 m^3/s), 18.49 in/yr (470 mm/yr), 139,100 acre-ft/yr (172 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 4,800 ft^3/s (136 m^3/s) Feb. 3 (gage height, 13.32 ft or 4.060 m); minimum, 29 ft^3/s (0.82 m^3/s) Sept. 30 (gage height, 1.88 ft or 0.573 m).
Period of record: Maximum discharge, 23,900 ft^3/s (677 m^3/s) June 9, 1974 (gage height, 20.43 ft or 6.227 m, from floodmark); minimum, 1.0 ft^3/s (0.028 m^3/s) July 21, 25, 26, 1964; minimum gage height, 1.04 ft (0.317 m) Aug. 16-18, 1967.

REMARKS.--Records good. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	413	346	269	370	1,180	317	744	410	128	55	74	40
2	243	439	247	346	2,400	248	611	575	126	48	63	41
3	157	517	223	364	4,430	223	422	1,200	118	48	58	38
4	112	462	213	399	4,650	222	274	2,120	82	46	56	38
5	78	402	211	393	3,620	221	192	2,480	62	43	57	38
6	62	364	285	359	2,260	212	155	1,700	56	39	51	91
7	55	315	444	356	1,280	199	135	1,240	121	36	46	190
8	52	266	521	447	806	188	126	2,130	416	361	44	206
9	51	233	485	485	598	174	199	2,830	682	658	44	187
10	52	236	504	585	468	254	432	2,000	1,370	416	43	201
11	50	372	550	946	375	322	669	1,370	1,550	340	41	181
12	49	462	519	1,190	310	373	823	1,140	1,330	353	39	107
13	46	487	442	1,280	263	1,160	696	811	1,070	820	40	65
14	45	596	372	952	226	3,580	660	543	734	811	44	53
15	48	645	563	678	203	3,600	636	485	496	522	41	45
16	56	519	915	504	346	2,070	550	611	333	256	34	44
17	54	399	817	394	447	1,010	515	581	227	91	33	48
18	50	313	682	416	489	775	490	533	211	56	41	49
19	47	271	623	608	561	739	340	446	278	104	70	48
20	45	300	492	755	625	632	225	341	257	64	89	45
21	43	350	346	664	508	615	152	230	146	60	98	41
22	41	300	238	524	360	592	125	142	100	92	103	40
23	40	250	180	399	369	452	112	102	79	61	95	42
24	42	200	161	308	408	333	103	88	75	44	74	41
25	45	190	162	251	446	243	99	82	64	44	61	37
26	47	247	161	214	485	186	100	79	59	57	49	34
27	48	244	171	189	512	183	120	79	54	51	52	32
28	61	232	190	174	427	194	160	79	49	67	50	31
29	201	234	219	167	------	317	210	93	54	136	52	30
30	278	267	293	158	------	399	300	182	64	165	47	29
31	327	------	361	155	------	524	------	165	------	103	41	------
TOTAL	2,938	10,458	11,859	15,030	29,052	20,557	10,375	24,867	10,391	6,047	1,730	2,112
MEAN	94.8	349	383	485	1,038	663	346	802	346	195	55.8	70.4
MAX	413	645	915	1,280	4,650	3,600	823	2,830	1,550	820	103	206
MIN	40	190	161	155	203	174	99	79	49	36	33	29
CFSM	.67	2.48	2.72	3.44	7.36	4.70	2.45	5.69	2.45	1.38	.40	.50
IN.	.78	2.76	3.13	3.97	7.66	5.42	2.74	6.56	2.74	1.60	.46	.56
AC-FT	5,830	20,740	23,520	29,810	57,620	40,770	20,580	49,320	20,610	11,990	3,430	4,190

CAL YR 1974 TOTAL 167,752 MEAN 460 MAX 20,900 MIN 14 CFSM 3.26 IN 44.26 AC-FT 332,700
WTR YR 1975 TOTAL 145,416 MEAN 398 MAX 4,650 MIN 29 CFSM 2.82 IN 38.35 AC-FT 288,400

PEAK DISCHARGE (BASE, 1,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-13	0430	8.93	1,340	5- 5	0745	10.96	2,600
2- 3	2030	13.32	4,800	5- 9	0615	11.49	2,990
3-14	2115	12.77	4,130	6-11	0100	9.48	1,660

07364700 Bayou de Loutre near Laran, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.54	5.11	4.53	5.28	8.24	4.90	7.25	--	3.13	2.27	2.50	2.05
2	4.30	5.71	4.34	5.11	10.64	4.34	6.64	6.45	3.09	2.17	2.36	2.07
3	3.44	6.17	4.13	5.24	12.98	4.13	5.61	8.52	3.02	2.17	2.30	2.03
4	2.95	5.86	4.03	5.47	13.17	4.12	4.56	10.24	2.60	2.14	2.28	2.03
5	2.56	5.49	4.01	5.43	12.19	4.11	3.83	10.80	2.35	2.10	2.29	2.03
6	2.35	5.24	4.64	5.20	10.45	4.01	3.43	9.55	2.28	2.04	2.21	2.70
7	2.26	4.89	5.74	5.18	8.78	3.90	3.20	8.72	2.99	1.99	2.14	3.80
8	2.22	4.50	6.19	5.77	7.47	3.79	3.11	10.25	5.57	4.85	2.11	3.96
9	2.21	4.22	5.98	5.99	6.59	3.64	3.84	11.29	6.93	6.86	2.11	3.78
10	2.22	4.25	6.10	6.50	5.88	4.39	5.65	10.04	8.94	5.56	2.09	3.92
11	2.20	5.29	6.35	7.94	5.30	4.94	6.92	9.00	9.32	5.07	2.07	3.71
12	2.18	5.85	6.18	8.62	4.85	5.28	7.55	8.51	8.90	5.16	2.05	2.89
13	--	6.00	5.74	8.81	4.48	8.19	7.04	7.48	8.33	7.48	2.06	2.40
14	--	6.57	5.29	7.98	4.15	12.13	6.88	6.30	7.19	7.48	2.12	2.23
15	--	6.81	6.37	6.95	3.94	12.17	6.77	5.99	6.05	6.17	2.07	2.13
16	--	6.17	7.86	6.09	5.09	10.16	6.35	6.65	5.00	4.37	1.96	2.12
17	--	5.46	7.52	5.44	5.77	8.13	6.16	6.51	4.16	2.70	1.95	2.17
18	--	4.91	6.98	5.58	6.01	7.38	6.02	6.25	4.01	2.28	2.07	2.19
19	--	4.57	6.71	6.62	6.40	7.22	5.06	5.76	4.60	2.86	2.45	2.17
20	--	--	6.03	7.30	6.71	6.75	4.12	5.07	4.42	2.38	2.69	2.13
21	--	--	5.10	6.90	6.12	6.67	3.40	4.17	3.32	2.33	2.79	2.07
22	--	--	4.25	6.20	5.21	6.55	3.09	3.29	2.82	2.72	2.85	2.06
23	--	--	3.69	5.46	5.27	5.80	2.95	2.84	2.57	2.34	2.76	2.09
24	--	--	3.49	4.84	5.53	5.01	2.85	2.68	2.52	2.11	2.50	2.07
25	2.10	--	3.50	4.38	5.76	4.30	2.80	2.60	2.38	2.11	2.33	2.01
26	2.15	4.38	3.49	4.04	5.99	3.77	--	2.57	2.32	2.29	2.18	1.97
27	2.17	4.32	3.60	3.80	6.14	3.74	--	2.56	2.25	2.22	2.22	1.93
28	2.34	4.21	3.80	3.64	5.65	3.85	--	2.57	2.18	2.41	2.19	1.91
29	3.89	4.23	4.09	3.55	------	4.89	--	2.73	2.25	3.21	2.23	1.90
30	4.60	4.51	4.72	3.46	------	5.47	--	3.71	2.37	3.53	2.15	1.89
31	4.98	------	5.22	3.41	------	6.17	------	3.53	------	2.84	2.07	------
MAX	5.54	6.81	7.86	8.81	13.17	12.17	7.55	11.29	9.32	7.48	2.85	3.96
MIN	--	4.21	3.49	3.41	3.94	3.64	--	2.56	2.18	1.99	1.95	1.89

07364840 Lake Claiborne near Aycock, La.

LOCATION.--Lat 32°44'20", long 92°54'18", in sec.8, T.20 N., R.5 W., Claiborne Parish, on parish road 518 at dam 2.0 mi (3.2 km) northeast of Aycock.

DRAINAGE AREA.--133 mi^2 (344 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 176.00 ft (53.645 m) above mean sea level (levels by Louisiana Department of Public Works).

EXTREMES.--Current year: Maximum gage height, 11.47 ft (3.496 m) May 4.
Period of record.--Maximum gage height, 11.47 ft (3.496 m) May 4, 1975.

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 sluice gates at outlet. Capacity, 100,000 acre-ft (123 hm^3) at 9.0 ft (2.74 m) gage height. Dam completed and storage began in 1966. Reservoir is used for flood control and conservation.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.74	9.79	9.66	9.70	10.01	9.92	10.12	9.81	9.88	9.57	9.33	1.99
2	9.68	9.80	9.62	9.66	10.71	9.90	10.08	9.80	9.82	9.52	9.02	1.98
3	9.61	9.80	9.60	9.74	11.30	9.85	10.00	10.30	9.77	9.54	8.69	1.96
4	9.58	9.76	9.58	9.75	11.42	9.91	9.94	11.46	9.71	9.48	8.39	1.95
5	9.53	9.79	9.55	9.72	11.27	9.92	9.88	11.30	9.69	9.46	8.03	1.95
6	9.50	9.76	9.76	9.71	10.98	9.90	9.85	11.02	9.67	9.44	7.68	1.95
7	9.49	9.71	9.88	9.70	10.71	9.90	9.80	11.02	9.68	9.38	7.32	1.95
8	9.45	9.72	9.92	9.85	10.51	9.86	9.78	11.32	9.81	9.56	6.85	1.93
9	9.44	9.70	9.88	9.86	10.38	9.80	9.88	11.10	9.89	10.19	6.51	1.02
10	9.41	9.69	9.82	10.02	10.24	9.93	9.89	10.89	10.37	10.19	6.13	.95
11	9.40	9.85	9.88	10.24	10.16	9.99	9.90	10.70	10.62	10.74	5.76	.88
12	9.39	9.89	9.84	10.26	10.10	9.98	9.86	10.52	10.61	10.67	5.39	.82
13	9.37	9.84	9.86	10.21	10.01	10.46	9.80	10.38	10.43	10.45	5.01	.74
14	9.35	9.80	9.80	10.13	9.95	10.98	10.02	10.25	10.20	10.25	4.62	.68
15	9.39	9.75	10.02	10.07	9.90	10.86	10.05	10.28	10.19	10.09	4.23	
16	9.37	9.72	10.04	10.01	10.09	10.70	10.03	10.50	10.18	9.97	3.83	
17	9.34	9.74	9.98	9.95	10.16	10.57	9.98	10.50	10.06	9.88	3.43	
18	9.32	9.74	9.91	10.00	10.18	10.54	9.94	10.40	9.98	9.80	3.08	
19	9.31	9.74	9.87	10.07	10.11	10.51	9.94	10.30	9.88	9.72	2.69	
20	9.30	9.72	9.82	10.08	10.04	10.42	9.88	10.20	9.83	9.67	2.28	
21	9.29	9.68	9.78	10.01	9.99	10.32	9.93	10.10	9.86	9.60	2.06	
22	9.28	9.65	9.73	9.96	9.91	10.24	9.78	10.03	9.80	9.55	2.04	
23	9.27	9.62	9.70	9.91	10.02	10.17	9.76	9.97	9.75	9.50	2.04	
24	9.26	9.64	9.70	9.87	10.06	10.12	9.74	9.90	9.60	9.47	2.03	
25	9.26	9.70	9.70	9.85	10.01	10.03	9.70	9.97	9.67	9.44	2.03	
26	9.25	9.71	9.65	9.80	9.97	9.96	9.69	9.93	9.64	9.42	2.03	
27	9.24	9.70	9.65	9.78	9.92	9.92	9.65	9.90	9.75	9.40	2.03	
28	9.23	9.64	9.64	9.75	9.92	9.95	9.62	9.86	9.71	9.39	2.04	
29	9.59	9.64	9.64	9.73	------	10.11	9.68	9.82	9.67	9.38	2.03	
30	9.68	9.70	9.69	9.70	------	10.19	9.78	9.93	9.64	9.34	2.02	
31	9.67	------	9.70	9.69	------	10.18	------	9.97	------	9.33	2.00	------
MAX	9.74	9.89	10.04	10.26	11.42	10.98	10.12	11.46	10.62	10.74	9.33	1.99
MIN	9.23	9.62	9.55	9.66	9.90	9.80	9.62	9.80	9.60	9.33	2.00	--

NOTE.--Less than 0.68 ft, lowest recordable stage, Sept. 15-30.

07366200 Little Corney Bayou near Lillie, La.

LOCATION.--Lat 32°55'43", long 92°37'56", in NW¼ sec.1, T.22 N., R.3 W., Union Parish, near center of span on downstream side of bridge on State Highway 15, 1.4 mi (2.3 km) east of Lillie, and 2.5 mi (4.0 km) upstream from mouth.

DRAINAGE AREA.--208 mi^2 (539 km^2).

PERIOD OF RECORD.--October 1955 to current year. Prior to October 1957, published as Little Cornie Bayou near Lillie.

GAGE.--Water-stage recorder. Datum of gage is 91.48 ft (27.883 m) above mean sea level. Prior to Jan. 27, 1956, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--20 years, 201 ft^3/s (5.69 m^3/s), 13.12 in/yr (333 mm/yr), 145,600 acre-ft/yr (180 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 6,550 ft^3/s (185 m^3/s) Feb. 3 (gage height, 10.26 ft or 3.127 m); minimum, 27 ft^3/s (0.765 m^3/s) Sept. 30 (gage height, 2.03 ft or 0.619 m).
Period of record: Maximum discharge, 24,000 ft^3/s (680 m^3/s) June 9, 1974 (gage height, 17.54 ft or 5.346 m, from floodmark); no flow Aug. 18-20, Sept. 21 to Oct. 1, Oct. 3-5, 1956, Aug. 11-14, 1964.

REMARKS.--Records good. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	444	531	368	404	1,870	442	910	419	146	69	59	34
2	266	597	345	392	3,460	367	657	564	101	61	55	32
3	114	540	345	430	6,180	313	490	1,480	80	65	56	32
4	68	524	349	471	5,580	291	385	2,890	72	62	73	30
5	57	501	323	450	3,880	311	278	2,470	67	56	61	31
6	52	499	401	420	1,800	316	208	1,410	65	51	55	292
7	49	470	595	420	1,080	309	174	1,150	91	46	50	115
8	49	413	629	500	813	284	161	1,960	407	83	50	84
9	49	358	606	600	652	242	274	1,990	803	162	47	75
10	48	318	665	700	544	352	639	1,380	1,790	166	65	51
11	47	480	682	800	466	444	805	1,100	1,590	509	64	42
12	46	571	623	900	410	510	821	821	1,100	542	57	39
13	44	609	512	1,200	359	2,650	738	566	758	318	43	36
14	43	678	481	1,500	313	3,720	760	456	514	310	39	35
15	47	696	472	1,300	283	2,680	681	522	384	257	36	33
16	56	567	1,020	800	437	1,430	569	668	333	84	33	36
17	52	476	687	500	565	897	575	752	295	61	35	44
18	49	393	602	400	665	821	523	671	268	57	45	44
19	46	382	620	450	793	814	434	528	191	54	71	41
20	43	424	554	500	673	766	293	436	133	47	74	38
21	40	445	450	550	532	792	190	280	123	44	68	35
22	39	421	300	450	437	698	134	151	178	43	65	34
23	38	355	220	400	458	536	112	115	209	41	47	34
24	38	265	197	350	564	442	107	99	259	42	45	33
25	40	313	194	300	521	341	101	99	203	53	55	30
26	41	379	190	250	627	287	95	101	94	59	81	29
27	41	390	204	220	657	303	107	113	110	52	63	28
28	45	389	242	210	534	327	120	157	114	55	51	29
29	208	388	270	194	------	453	146	171	86	144	43	28
30	411	390	338	185	------	829	316	231	81	102	39	27
31	508	------	398	185	------	1,250	------	187	------	62	36	------
TOTAL	3,118	13,512	14,382	16,431	35,154	24,217	11,803	23,937	10,645	3,757	1,661	1,471
MEAN	101	460	464	530	1,256	781	393	772	355	121	53.6	49.0
MAX	508	696	1,020	1,500	6,180	3,720	910	2,890	1,790	542	81	292
MIN	38	265	190	185	283	242	95	99	65	41	33	27
CFSM	.49	2.21	2.23	2.55	6.04	3.75	1.89	3.71	1.71	.58	.26	.24
IN.	.56	2.47	2.57	2.94	6.29	4.33	2.11	4.28	1.90	.67	.30	.26
AC-FT	6,180	27,400	28,530	32,590	69,730	48,030	23,410	47,480	21,110	7,450	3,290	2,920

CAL YR 1974 TOTAL 178,451 MEAN 489 MAX 19,100 MIN 14 CFSM 2.35 IN 31.92 AC-FT 354,000
WTR YR 1975 TOTAL 160,388 MEAN 439 MAX 6,180 MIN 27 CFSM 2.11 IN 28.68 AC-FT 318,100

PEAK DISCHARGE (BASE, 1,200 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-15	2245	7.20	1,260	3-31	0015	7.34	1,420
1-14	unknown	7.43	1,530	5- 4	1500	8.50	3,110
2- 3	0800	10.26	6,550	5- 8	1945	8.29	2,750
3-14	0300	8.91	3,840	6-10	2400	7.73	1,910

07366200 Little Corney Bayou near Lillie, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.90	6.22	5.62	5.77	7.64	5.91	6.83	5.82	4.45	3.25	2.99	2.25
2	5.10	6.39	5.53	5.72	8.71	5.62	6.43	6.22	3.92	3.06	2.89	2.19
3	4.16	6.37	5.53	5.87	10.10	5.39	6.07	7.37	3.50	3.16	2.92	2.19
4	3.59	6.20	5.55	6.02	9.83	5.29	5.69	8.40	3.32	3.08	3.30	2.14
5	3.32	6.12	5.43	--	8.95	5.38	5.22	8.13	3.19	2.92	3.03	2.16
6	3.17	6.11	5.74	--	7.65	5.40	4.87	7.34	3.15	2.81	2.89	5.19
7	3.07	6.02	6.32	--	7.04	5.37	4.66	7.10	3.54	2.66	2.70	4.04
8	3.05	5.81	6.39	--	6.69	5.26	4.56	7.75	5.76	3.60	2.78	3.63
9	3.06	5.59	6.34	--	6.43	5.05	5.15	7.79	6.63	4.57	2.65	3.38
10	3.04	5.41	6.45	--	6.22	5.55	6.39	7.33	7.66	4.53	3.15	2.81
11	3.01	6.05	6.48	--	6.00	5.92	6.67	7.06	7.50	6.05	3.12	2.55
12	2.96	6.33	6.37	--	5.79	6.09	6.70	6.70	7.05	6.17	2.94	2.43
13	2.90	6.42	6.14	--	5.59	8.16	6.57	6.26	6.60	5.41	2.58	2.35
14	2.88	6.55	6.03	--	5.39	8.86	6.61	5.96	6.13	5.37	2.43	2.29
15	3.02	6.58	6.89	--	5.26	8.25	6.48	6.14	5.69	5.09	2.31	2.22
16	3.31	6.31	6.96	--	5.89	7.36	6.27	6.46	5.48	3.55	2.23	2.25
17	3.18	6.03	6.49	--	6.27	6.81	6.28	6.60	5.31	3.05	2.30	2.59
18	3.06	5.72	6.34	--	6.45	6.70	6.17	6.46	5.18	2.96	2.63	2.60
19	2.96	5.68	6.37	--	6.66	6.69	5.88	6.18	4.76	2.88	3.24	2.50
20	2.85	5.85	6.24	--	6.46	6.62	5.29	5.89	4.34	2.65	3.38	2.40
21	2.78	5.92	6.00	--	6.19	6.66	4.75	5.22	4.23	2.53	3.21	2.30
22	2.74	5.84	--	--	5.89	6.51	4.35	4.48	4.68	2.56	3.15	2.25
23	2.70	5.57	4.94	--	5.96	6.20	4.16	4.14	4.87	2.50	2.70	2.26
24	2.71	5.17	4.80	--	6.26	5.91	4.11	3.91	5.14	2.50	2.63	2.22
25	2.75	5.39	4.79	--	6.17	5.51	4.04	3.91	4.81	2.75	2.88	2.15
26	2.79	5.67	4.76	--	6.38	5.27	3.98	3.95	3.79	3.00	3.49	2.10
27	2.80	5.71	4.84	--	6.44	5.34	4.11	4.13	4.08	2.82	3.10	2.07
28	2.95	5.71	5.05	--	6.20	5.45	4.23	4.54	4.12	2.90	2.81	2.09
29	4.78	5.71	5.19	4.74	------	5.95	4.45	4.63	3.66	4.31	2.58	2.07
30	5.80	5.72	5.50	4.73	------	6.65	5.39	4.99	3.54	3.88	2.43	2.04
31	6.14	------	5.75	4.71	------	7.21	------	4.74	------	3.07	2.33	------
MAX	6.14	6.58	6.96	--	10.10	8.86	6.83	8.40	7.66	6.17	3.49	5.19
MIN	2.70	5.17	4.76	4.71	5.26	5.05	3.98	3.91	3.15	2.50	2.23	2.04

07366300 Bayou D'Arbonne Lake at Farmerville, La.

LOCATION.--Lat 32°45'25", long 92°24'50", in NW¼NW¼ sec.6, T.20 N., R.1 E., Union Parish, near left bank on downstream side of bridge on State Highway 33, 0.6 mi (1.0 km) southwest of Farmerville, and 5.0 mi (8.0 km) upstream from dam.

DRAINAGE AREA.--1,607 mi^2 (4,162 km^2).

PERIOD OF RECORD.--December 1964 to current year (gage heights and 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.

GAGE.--Water-stage recorder. Datum of gage is 40.40 ft (12.314 m) above mean sea level (levels by Corps of Engineers).

EXTREMES.--Current year: Maximum gage height, 44.20 ft (13.472 m) Feb. 5; minimum, 29.91 ft (9.117 m) Sept. 30.
Period of record: Maximum gage height, 45.43 ft (13.847 m) June 11, 1974; minimum, 29.91 ft (9.117 m) Sept. 30, 1975.
Maximum stage known since 1925, 45.71 ft (13.932 m) Apr. 30, 1958, from records of Corps of Engineers).

REMARKS.--Reservoir is formed by an earthfill dam containing a 799-ft (244-m) uncontrolled concrete spillway at left of dam. Outflow below spillway elevation is controlled by sluice gates at outlet. Capacity, 130,000 acre-ft (160 hm^3) at 39.6 ft (12.07 m) gage height. There is no dead storage. Dam completed and storage began in 1964. Reservoir is used for flood control and conservation.

REVISIONS.--WRD LA, 1971: Drainage area.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40.48	35.08	39.94	40.93	40.64	40.85	40.73	40.02	40.67	--	40.27	37.18
2	40.47	35.42	39.92	40.92	41.04	40.75	40.89	40.17	40.68	--	40.25	36.89
3	40.42	35.70	39.90	40.96	41.85	40.65	40.96	40.93	40.61	--	40.23	36.59
4	40.31	35.92	39.88	40.95	43.09	40.61	40.97	42.24	40.43	--	40.28	36.27
5	40.15	36.15	39.84	40.95	44.04	40.55	40.90	43.11	40.25	--	40.36	35.94
6	39.98	36.35	39.90	40.95	44.15	40.50	40.77	43.48	40.10	--	40.40	35.77
7	39.81	36.50	40.04	40.92	43.70	40.46	40.62	43.33	39.94	--	40.41	35.55
8	39.61	36.68	40.16	41.01	43.07	40.38	40.48	43.55	39.86	--	40.42	35.35
9	39.40	36.87	40.26	41.04	42.49	40.31	40.40	43.35	39.72	--	40.41	35.13
10	39.17	37.06	40.53	41.25	42.03	40.38	40.33	43.11	39.53	--	40.38	34.82
11	38.93	37.41	40.75	41.52	41.65	40.37	40.29	42.80	39.24	--	40.37	34.56
12	38.69	37.72	40.87	41.62	41.35	40.41	40.28	42.51	38.89	--	40.36	34.29
13	38.40	38.03	40.96	41.67	41.11	40.92	40.30	42.23	38.68	--	40.35	33.96
14	38.15	38.28	41.00	41.69	40.91	41.58	40.61	41.91	38.65	--	40.34	33.60
15	37.89	38.55	41.11	41.68	40.74	42.19	40.83	41.64	38.67	--	40.30	33.23
16	37.62	38.74	41.14	41.65	40.78	42.75	40.95	41.67	38.79	--	40.27	32.89
17	37.34	39.00	41.20	41.56	40.80	42.76	40.97	41.62	38.95	--	40.25	32.68
18	37.07	39.26	41.24	41.48	40.82	42.53	40.96	41.58	39.13	--	40.27	32.39
19	36.77	39.52	41.23	41.40	40.80	42.22	40.87	41.53	39.33	--	40.08	32.07
20	36.47	39.67	41.15	41.34	40.79	41.94	40.76	41.43	39.55	--	39.92	31.66
21	36.16	39.78	41.07	41.33	40.82	41.69	40.64	41.29	39.72	--	39.79	31.24
22	35.84	39.83	40.97	41.32	40.85	41.53	40.51	41.13	39.87	--	39.65	30.74
23	35.52	39.86	40.89	41.27	40.99	41.38	40.38	40.92	39.99	--	39.49	30.24
24	35.19	39.88	40.83	41.18	41.04	41.25	40.26	40.71	--	40.13	39.33	30.13
25	34.86	39.90	40.78	41.08	41.05	41.08	40.13	40.52	--	40.09	39.13	30.05
26	34.53	39.91	40.71	40.95	41.02	40.93	39.98	40.36	--	40.06	38.86	30.00
27	34.18	39.95	40.74	40.87	40.97	40.82	39.85	40.24	--	40.10	38.59	29.98
28	33.83	39.96	40.75	40.78	40.91	40.69	39.74	40.17	--	40.13	38.32	29.97
29	34.08	39.95	40.75	40.72	------	40.64	39.68	40.09	--	40.29	38.05	29.95
30	34.33	39.96	40.84	40.65	------	40.64	39.78	40.30	--	40.31	37.77	29.93
31	34.63	------	40.90	40.60	------	40.65	------	40.56	------	40.29	37.48	------
MAX	40.48	39.96	41.24	41.69	44.15	42.76	40.97	43.55	--	--	40.42	37.18
MIN	33.83	35.08	39.84	40.60	40.64	40.31	39.68	40.02	38.65	---	37.48	29.93

07367000 Ouachita River at Monroe, La.

LOCATION.--Lat 32°30'19", long 92°07'32", in lot 50, T.18 N., R.3 E., Ouachita Parish, near center of span on downstream side of bridge on U. S. Highway 80 at Monroe, 0.4 mi (0.6 km) upstream from Illinois Central Railroad bridge, and 5.5 mi (8.8 km) upstream from lock and dam No. 4.

DRAINAGE AREA.--15,298 mi^2 (39,622 km^2).

PERIOD OF RECORD.--January 1932 to September 1974. Monthly discharge only for some periods, published in WSP 1311. 1884 to 1891 (gage heights), 1892 to 1927 (gage heights and discharge measurements), and since January 1928 (daily discharges) in reports of Mississippi River Commission. Discharge measurements 1929-38 in reports of Corps of Engineers. Daily gage heights since June 1884 in reports of U. S. Weather Bureau.

GAGE.--Nonrecording gage read once daily. Datum of gage is 31.40 ft (9.571 m) above mean sea level (levels by Corps of Engineers). Prior to Jan. 6, 1937, nonrecording gages at several sites within 0.5 mi (0.8 km) of present site at same datum. Since Jan. 1, 1954, supplemental nonrecording gage 2.2 mi (3.5 km) downstream from lock and dam No. 4 read twice daily, at datum 30.10 ft (9.174 m) above mean sea level.

AVERAGE DISCHARGE.--42 years (1932-74), 17,720 ft^3/s (502 m^3/s), 12,840,000 acre-ft/yr (15.8 km^3/yr).

EXTREMES.--1971-74: Maximum daily discharge during year, 66,700 ft^3/s (1,889 m^3/s) Jan. 30, 31; maximum gage height, 45.14 ft (13.759 m) Jan. 31; minimum discharge not determined; minimum gage height observed, 19.9 ft (6.066 m) Oct. 11.
Period of record: Maximum discharge, 101,000 ft^3/s (2,860 m^3/s) Feb. 2, 3, 1932; maximum gage height, 50.45 ft (15.377 m) May 23, 1958; minimum discharge not determined (pool stage); minimum gage height observed, 12.10 ft (3.688 m) Jan. 3, 1944.

REMARKS.--Stage-discharge relation below 10,000 ft^3/s (283 m^3/s) affected by operation of locks and dams. Flow regulated by Lake Greeson since November 1949 (usable capacity, 330,000 acre-ft or 407 hm^3), by Lake Catherine since 1925 (usable capacity, 21,300 acre-ft or 26.3 hm^3), by Lake Hamilton since 1932 (usable capacity, 119,560 acre-ft or 147 hm^3), by Lake Ouachita since July 1952 (usable capacity, 1,903,000 acre-ft or 2.35 km^3), and a series of locks and dams. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

COOPERATION.--Gage-height record, and records of daily discharges furnished by Corps of Engineers; records reviewed by Geological Survey.

NOTE.--Records for 1975 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DAILY DISCHARGE RECORDS FOR 1974 WATER YEAR ARE PUBLISHED ON PAGE 248 OF THIS REPORT.

07367700 Boeuf River near Arkansas-Louisiana State line

LOCATION.--Lat 32°58'25", long 91°26'25", in NE¼NE¼ sec.21, T.23 N., R.10 E., Morehouse-West Carroll Parish line, near left bank on downstream side of bridge on State Highway 835, 2.0 mi (3.2 km) downstream from Arkansas-Louisiana State line, and 7.5 mi (12.1 km) southwest of Kilbourne.

DRAINAGE AREA.--785 mi^2 or 2,033 km^2 (see REMARKS).

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to current year (annual maximum gage height and discharge below 200 ft^3/s or 5.664 m^3/s only). Gage-height record and occasional discharge measurements since May 1946 in files of Corps of Engineers, Vicksburg district.

GAGE.--Water-stage recorder. Datum of gage is 74.11 ft (22.589 m) above mean 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 (91 m) upstream at same datum. 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 (2.7 km) downstream from base gage at datum 74.35 ft (22.662 m) above mean sea level.

AVERAGE DISCHARGE.--11 years (1958-68), 952 ft^3/s (26.96 m^3/s), 689,700 acre-ft/yr (850 hm^3/yr).

EXTREMES.--Current year: Maximum gage height, 22.63 ft (6.898 m) Mar. 15; minimum discharge, 21 cfs (0.59 ft^3/s) in July during period of no gage-height record.
Period of record: Maximum gage height, 23.41 ft (7.135 m) about Mar. 17, 1973; no flow June 13-19, July 15, 16, 29, 30, 1966, July 15, 1974, result of pumping for irrigation.
1957-68: Maximum discharge, 16,500 ft^3/s (467 m^3/s) Feb. 11, 1966.
A stage of 22.8 ft (6.949 m) was reached Feb. 15, 1948 (from records of Corps of Engineers, Vicksburg district).

REMARKS.--Records 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. In extreme floods, considerable flow bypasses station. Flow reenters and passes stations Bayou Lafourche near Crew Lake and Boeuf River near Girard. (See sta 07369000 and 07368000.) See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			180									
2			177							97		
3			173						199	138		
4	170		152						145			
5	138		135						119			
6	130								102	166		
7	111								133	159		
8	100											
9	93											
10	86											
11	76											
12	74											
13	66									173		
14	68									114		
15										63	148	
16										35	124	
17										30	138	
18	177									25		
19	133									35		
20	100									50		
21	86									65		188
22	76								159	80		148
23	70						192		173	111		124
24	63						184		188	138		111
25	54								122	152		104
26	56							195	90			100
27	58							162	70			95
28	102							133				88
29					------							82
30					------							76
31		------			------		------		------			------
MAX	--	--	---	--	--	--	--	--	--	--	--	--
MIN	54	--	135	--	--	--	184	133	70	25	124	76

07367700 Boeuf River near Arkansas-Louisiana State line--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.75	4.72	1.92	11.05	13.37	3.65	10.94	16.95	2.88	2.10	2.51	2.14
2	2.28	3.38	1.91	5.52	20.41	3.15	4.94	15.80	2.22	1.64	3.45	2.09
3	2.03	2.96	1.90	5.67	21.68	2.83	3.61	15.23	1.97	1.80	3.38	2.03
4	1.89	2.74	1.84	7.82	22.22	2.63	3.09	19.10	1.82	2.41	4.36	2.06
5	1.80	3.78	1.79	5.70	22.29	2.48	2.79	19.10	1.73	2.15	7.55	2.17
6	1.77	3.95	2.65	4.06	21.75	2.39	2.61	18.20	1.66	1.88	7.95	3.70
7	1.70	2.95	3.86	3.94	19.85	2.34	2.52	15.24	1.78	1.86	5.84	3.79
8	1.65	2.40	2.96	8.10	14.90	2.18	2.39	12.33	2.16	--	4.96	3.15
9	1.62	2.16	2.48	5.87	8.45	2.10	3.33	9.71	3.61	--	3.96	2.72
10	1.59	2.28	2.21	8.90	4.55	2.51	7.05	12.69	9.99	--	4.44	2.36
11	1.54	8.50	2.38	17.21	3.74	3.58	6.14	11.85	16.32	--	3.93	2.19
12	1.53	9.52	3.20	16.76	3.48	4.72	3.67	6.72	16.36	--	2.81	2.13
13	1.49	6.12	3.26	13.65	3.14	19.75	3.18	4.07	13.01	--	2.24	2.14
14	1.50	3.75	2.84	7.40	2.96	22.21	11.98	3.63	5.78	--	1.98	2.35
15	2.49	2.80	7.80	4.83	3.00	22.63	10.62	5.63	4.24	--	1.83	2.13
16	2.83	2.42	9.94	4.17	11.92	22.44	4.84	6.94	5.26	--	1.75	2.03
17	2.19	2.90	7.23	3.66	13.45	21.50	3.25	7.00	3.64	--	1.80	2.27
18	1.91	3.38	4.38	3.31	10.20	19.65	2.70	5.42	2.82	--	2.61	2.32
19	1.78	3.14	3.13	5.25	5.70	16.85	2.69	3.72	3.14	--	8.02	2.35
20	1.65	3.10	2.61	11.82	3.80	13.25	2.48	2.99	3.20	--	9.97	2.10
21	1.59	4.21	2.35	8.69	3.18	8.95	2.18	2.67	2.41	--	8.14	1.94
22	1.54	3.48	2.20	4.48	2.90	4.73	2.01	2.47	1.86	--	4.46	1.83
23	1.51	2.51	2.09	3.55	11.72	4.01	1.95	2.31	1.90	1.70	3.08	1.75
24	1.47	2.17	2.94	3.11	17.22	5.30	1.93	2.18	1.94	1.80	2.54	1.70
25	1.42	2.21	9.19	2.86	14.45	3.90	2.15	2.07	1.74	1.84	2.24	1.67
26	1.43	3.89	10.00	2.67	8.00	3.29	2.92	1.96	1.61	2.64	2.23	1.65
27	1.44	3.65	8.48	2.48	4.31	2.98	2.27	1.87	1.51	3.03	2.30	1.63
28	1.66	2.65	10.70	2.37	4.27	2.78	2.01	1.78	2.00	4.44	2.23	1.60
29	9.25	2.18	11.20	2.23	------	8.45	2.28	2.22	2.00	5.14	2.14	1.57
30	8.78	2.03	13.98	2.16	------	17.28	10.68	5.04	2.80	3.86	2.10	1.54
31	6.48	------	14.76	2.13	------	16.18	------	5.04	------	2.80	2.11	------
MAX	9.25	9.52	14.76	17.21	22.29	22.63	11.98	19.10	16.36	5.14	9.97	3.79
MIN	1.42	2.03	1.79	2.13	2.90	2.10	1.93	1.78	1.51	--	1.75	1.54

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, on downstream side of bridge on U. S. Highway 80, and 0.5 mi (0.8 km) east of Girard.

DRAINAGE AREA.--1,226 mi^2 or 3,175 km^2 (see REMARKS).

PERIOD OF RECORD.--October 1938 to current year. Daily gage heights as follows: 1886-94 in reports of U. S. Weather Bureau; 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 (15.063 m) above mean sea level (levels by Corps of Engineers). Prior to Nov. 3, 1955, nonrecording gages at sites within 200 ft (61 m) upstream. Prior to Oct. 1, 1966, at datum 2.20 ft (0.671 m) higher. Auxiliary water-stage recorder 6.4 mi (10.3 km) downstream from base gage at datum 50.00 ft (15.240 m) above mean sea level. Dec. 8, 1952, to Nov. 19, 1962, auxiliary nonrecording gage 8.1 mi (13.0 km) downstream from base gage at different datum. Feb. 15, 1945, to Dec. 8, 1952, auxiliary nonrecording gage, and Nov. 20, 1962, to Dec. 10, 1974, water-stage recorder at present site at datum 0.60 ft (0.183 m) lower.

AVERAGE DISCHARGE.--37 years, 400 ft^3/s (11.33 m^3/s), 289,800 acre-ft/yr (357 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 1,660 ft^3/s (47.0 m^3/s) Mar. 18; maximum gage height, 16.06 ft (4.895 m) Mar. 18; minimum discharge, 20 ft^3/s (0.57 m^3/s) Oct. 13 (gage height, 3.59 ft or 1.094 m).
Period of record: Maximum discharge, 3,070 ft^3/s (86.9 m^3/s) May 2, 1958; maximum gage height, 21.51 ft (6.556 m) May 6, 1958, present datum; minimum discharge, 9.9 ft^3/s (0.28 m^3/s) Aug. 17, 18, 1969; minimum gage height, 2.79 ft (0.850 m) June 1, 2, 1972. Flood of May 7, 1927, reached a stage of 31.7 ft (9.66 m) present site and datum (affected by overflow from Mississippi River).

REMARKS.--Records fair. Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence the drainage limits were more or less arbitrarily determined. Boeuf River and Bayou Lafourche basins are connected by canal upstream. In extreme floods, considerable flow from Bayou Bartholomew basin passes this station. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	146	219	31	821	28	208	855	253	174	38	58	26
2	87	173	28	750	153	144	726	521	128	38	59	25
3	57	125	27	560	672	111	474	876	92	35	119	26
4	40	86	25	386	1,120	106	285	1,130	71	32	184	26
5	32	56	24	313	1,380	94	194	1,240	60	30	251	26
6	27	38	47	260	1,480	86	148	1,270	52	28	251	30
7	24	32	92	193	1,500	78	127	1,320	74	26	229	32
8	23	30	130	142	1,470	73	120	1,290	162	77	217	35
9	22	28	124	140	1,320	70	120	1,090	160	108	174	35
10	21	28	102	270	995	70	120	838	299	131	127	34
11	21	62	86	484	614	84	120	693	697	195	95	32
12	20	103	73	672	387	94	120	620	862	214	70	30
13	20	184	65	791	259	768	120	476	891	170	53	29
14	20	204	54	777	178	1,300	125	314	789	123	42	27
15	34	156	75	601	142	1,520	130	223	541	93	35	26
16	43	121	104	380	549	1,590	145	289	305	60	32	26
17	47	133	191	235	949	1,590	145	323	200	43	29	29
18	45	159	236	155	1,020	1,640	135	312	131	37	28	28
19	37	157	194	115	868	1,630	130	254	97	33	28	27
20	31	155	138	105	586	1,510	120	191	72	30	29	27
21	27	184	101	184	351	1,250	120	157	61	30	72	27
22	25	168	73	273	213	898	120	141	57	29	142	25
23	23	134	52	224	175	551	120	131	51	28	133	25
24	22	106	91	151	293	527	120	120	46	27	87	24
25	21	86	734	108	578	450	113	115	45	27	58	24
26	21	64	805	76	688	327	111	109	42	37	44	23
27	21	47	780	53	557	229	106	102	39	38	34	23
28	21	39	769	42	345	175	106	99	37	58	30	23
29	25	36	754	35	------	334	104	105	37	57	28	23
30	46	33	738	31	------	607	129	162	38	57	27	22
31	186	------	781	29	------	788	------	175	------	66	27	------
TOTAL	1,235	3,146	7,524	9,356	18,870	18,902	5,608	14,939	6,310	1,995	2,792	815
MEAN	39.8	105	243	302	674	610	187	482	210	64.4	90.1	27.2
MAX	186	219	805	821	1,500	1,640	855	1,320	891	214	251	35
MIN	20	28	24	29	28	70	104	99	37	26	27	22
AC-FT	2,450	6,240	14,920	18,560	37,430	37,490	11,120	29,630	12,520	3,960	5,540	1,620

CAL YR 1974 TOTAL 84,522 MEAN 232 MAX 1,480 MIN 11 AC-FT 167,600
WTR YR 1975 TOTAL 91,492 MEAN 251 MAX 1,640 MIN 20 AC-FT 181,500

07368000 Boeuf River near Girard, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.03	6.06	4.07	11.40	3.97	7.51	12.31	8.69	9.46	4.87	4.44	3.70
2	4.65	5.74	3.99	10.98	5.48	6.77	11.92	10.13	9.05	4.58	4.42	3.68
3	4.35	5.21	3.92	9.87	9.31	6.24	10.75	12.48	8.63	4.34	5.06	3.68
4	4.15	4.75	3.87	8.60	12.30	6.12	9.56	14.12	8.32	4.18	5.89	3.70
5	3.99	4.45	3.84	7.79	13.76	5.92	8.76	14.52	8.08	4.06	6.53	3.72
6	3.88	4.23	4.37	7.14	14.33	5.67	8.23	14.65	7.87	3.98	6.60	3.83
7	3.80	4.10	5.01	6.39	14.50	5.46	7.90	14.94	7.94	3.93	6.39	3.89
8	3.75	4.05	5.42	5.79	14.43	5.22	7.65	15.14	8.75	5.50	6.25	3.95
9	3.70	3.98	5.37	5.57	13.95	5.02	7.62	14.58	8.83	6.02	5.86	3.97
10	3.67	4.00	5.06	7.00	12.64	4.95	7.65	13.70	10.17	6.07	5.30	3.94
11	3.64	4.63	4.84	8.72	10.75	5.07	7.69	12.97	12.49	6.62	4.84	3.89
12	3.62	5.04	4.69	9.87	9.10	5.42	7.73	12.53	13.21	6.62	4.56	3.84
13	3.60	5.83	4.56	10.54	7.77	11.72	7.68	11.89	13.30	6.10	4.34	3.81
14	3.61	6.07	4.44	10.69	6.66	14.08	7.90	11.07	12.90	5.43	4.14	3.76
15	4.02	5.68	4.71	9.79	6.13	14.96	8.10	10.84	11.98	4.88	3.98	3.73
16	4.20	5.28	4.98	8.32	9.97	15.34	8.69	11.58	10.77	4.49	3.88	3.73
17	4.24	5.65	5.82	7.00	12.09	15.46	8.67	11.46	9.81	4.21	3.82	3.83
18	4.20	5.96	6.30	6.02	12.57	15.99	8.32	11.27	9.10	4.05	3.78	3.80
19	4.07	5.96	6.05	5.36	12.07	16.02	8.13	10.85	8.56	3.95	3.76	3.77
20	3.97	6.33	5.49	5.08	10.73	15.65	7.99	10.38	8.09	3.86	3.81	3.76
21	3.87	6.41	5.00	5.72	9.20	14.77	7.94	10.04	7.72	3.83	4.46	3.76
22	3.80	6.15	4.65	6.57	8.00	13.42	7.94	9.81	7.38	3.83	5.11	3.73
23	3.75	5.65	4.43	6.28	7.52	12.00	7.94	9.62	7.05	3.77	5.09	3.71
24	3.71	5.21	5.08	5.59	7.99	12.13	7.95	9.46	6.72	3.74	4.68	3.69
25	3.69	4.86	10.57	5.04	9.51	11.34	7.90	9.32	6.43	3.74	4.39	3.67
26	3.66	4.58	11.12	4.65	10.28	10.35	7.82	9.18	6.22	4.14	4.16	3.67
27	3.64	4.38	11.29	4.41	9.82	9.44	7.74	9.03	5.94	4.14	3.94	3.66
28	3.65	4.25	11.45	4.27	8.59	8.77	7.67	8.91	5.70	4.76	3.83	3.65
29	3.90	4.18	11.45	4.16	------	9.89	7.60	8.96	5.43	4.64	3.77	3.65
30	4.29	4.13	11.33	4.06	------	11.28	7.92	9.52	5.16	4.53	3.75	3.64
31	5.62	------	11.37	4.00	------	11.98	------	9.59	------	4.54	3.73	------
MAX	5.62	6.41	11.45	11.40	14.50	16.02	12.31	15.14	13.30	6.62	6.60	3.97
MIN	3.60	3.98	3.84	4.00	3.97	4.95	7.60	8.69	5.16	3.74	3.73	3.64

07368500 Big Colewa Bayou near Oak Grove, La.

LOCATION.--Lat 32°47'55", long 91°30'05", in NE¼ sec.24, T.21 N., R.9 E., West Carroll Parish, on downstream side near center of bridge on State Highway 2, 0.1 mi (0.2 km) downstream from Little Colewa Bayou, and 8 mi (13 km) southwest of Oak Grove.

DRAINAGE AREA.--42 mi^2 or 109 km^2 (see REMARKS).

PERIOD OF RECORD.--October 1949 to current year. Daily elevations since October 1940 in reports of Corps of Engineers, Vicksburg district.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Corps of Engineers). Auxiliary water-stage recorder 5.7 mi (9.2 km) downstream from base gage at same datum. See WSP 1731 for history of changes prior to Jan. 11, 1955.

AVERAGE DISCHARGE.--26 years, 52.3 ft^3/s (1.481 m^3/s), 37,890 acre-ft/yr (46.7 hm^3/s).

EXTREMES.--Current year: Maximum discharge, 1,050 ft^3/s (29.7 m^3/s) Mar. 14 (elevation, 93.16 ft or 28.395 m); no flow Aug. 27-30.
Period of record: Maximum discharge, 2,050 ft^3/s (58.1 m^3/s) Mar. 22, 1955; maximum elevation, 95.22 ft (29.023 m) Jan. 4, 1951 (present datum); no flow at times each year.
Maximum elevation known since 1940, 95.5 ft (29.11 m) Apr. 12, 1947, present datum, from records of Corps of Engineers.

REMARKS.--Records poor. 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. See following page for table of daily elevations. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

COOPERATION.--Base gage elevation record furnished by Corps of Engineers.

REVISIONS.--WSP 1241: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.6	145	5.0	267	327	10	235	413	357	24	12	9.7
2	2.0	131	4.8	158	677	8.8	131	256	151	6.8	8.0	7.5
3	1.6	54	4.4	146	870	7.2	36	382	52	3.7	28	3.9
4	1.3	23	4.1	138	904	6.3	8.4	593	15	3.5	314	2.0
5	1.2	26	3.9	78	829	6.0	5.2	504	7.0	3.0	201	1.5
6	1.0	14	149	34	538	5.0	4.6	808	3.5	2.8	99	4.1
7	.86	6.6	237	27	268	4.2	4.1	811	80	10	29	6.4
8	.77	4.8	137	136	163	4.0	3.7	533	45	94	16	5.3
9	.72	4.2	69	96	73	3.6	57	291	25	66	9.6	3.4
10	.68	23	24	447	27	16	184	188	15	62	6.0	2.5
11	.59	266	25	746	29	25	69	81	100	88	4.1	2.0
12	.59	176	57	609	234	48	21	40	600	68	3.2	1.5
13	.59	90	35	352	98	738	7.7	13	554	20	3.9	1.0
14	.68	30	21	147	34	1,020	88	6.8	238	6.7	5.8	.76
15	102	13	205	60	52	968	103	43	153	5.4	3.3	.50
16	105	12	156	28	582	691	44	386	86	5.2	3.7	.70
17	45	158	68	15	513	371	14	200	37	5.0	24	.80
18	11	142	26	8.7	383	279	6.3	84	34	4.7	17	.70
19	4.2	123	13	21	183	184	4.7	42	28	118	7.0	.80
20	2.6	156	9.1	115	73	84	3.8	8.7	48	76	4.0	.64
21	2.3	83	7.7	57	31	30	3.4	4.4	25	50	2.0	.50
22	2.3	45	6.8	22	15	15	3.4	3.4	9.4	30	2.0	.37
23	1.9	25	6.1	9.8	160	18	3.1	3.7	9.4	18	1.5	.28
24	1.6	11	28	6.6	173	152	2.8	3.6	13	12	1.5	.24
25	1.4	7.7	415	6.0	86	86	2.6	3.6	4.2	35	1.0	.17
26	1.3	7.3	346	5.4	38	39	6.8	3.5	3.0	27	.50	.13
27	1.2	6.6	381	5.3	20	18	17	3.6	2.8	20	0	.10
28	10	5.9	406	4.5	13	11	8.2	3.5	94	66	0	.08
29	475	5.2	349	3.7	------	430	40	17	106	84	0	.06
30	522	5.2	505	3.0	------	681	435	433	72	44	0	.05
31	344	------	495	2.5	------	521	------	625	------	23	11	------
TOTAL	1,649.98	1,889.5	4,192.9	3,754.5	7,493	6,480.1	1,552.8	6,787.8	2,967.3	1,081.8	818.10	57.68
MEAN	53.2	63.0	135	121	268	209	51.8	219	98.9	34.9	26.4	1.92
MAX	522	266	505	746	904	1,020	435	811	600	118	314	9.7
MIN	.59	4.2	3.9	2.5	13	3.6	2.6	3.4	2.8	2.8	0	.05
AC-FT	3,270	3,750	8,320	7,450	14,860	12,850	3,080	13,460	5,890	2,150	1,620	114

CAL YR 1974 TOTAL 33,943.28 MEAN 93.0 MAX 1,030 MIN 0 AC-FT 67,330
WTR YR 1975 TOTAL 38,725.46 MEAN 106 MAX 1,020 MIN 0 AC-FT 76,810

07368500 Big Colewa Bayou near Oak Grove, La.--Continued

ELEVATION, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	82.90	87.66	82.49	88.99	88.09	82.76	88.76	89.74	89.19	83.26	82.61	82.86
2	82.80	86.02	82.47	86.85	91.25	82.67	86.14	88.04	86.28	82.55	82.44	82.71
3	82.53	84.60	82.43	86.30	92.33	82.58	84.00	89.39	84.16	82.32	83.04	82.38
4	82.49	83.74	82.40	86.40	92.63	82.52	82.90	91.24	82.93	--	89.46	--
5	82.47	83.46	82.38	85.10	92.41	82.50	82.65	90.89	--	--	88.50	--
6	82.42	83.28	85.98	83.95	91.22	--	--	92.12	--	--	86.14	82.40
7	82.39	82.83	86.35	83.64	89.01	82.36	--	92.27	--	--	83.77	82.62
8	82.35	82.67	86.62	86.08	86.67	--	--	91.23	--	86.22	83.20	82.52
9	82.33	82.61	84.40	85.47	84.99	--	84.60	89.60	--	85.90	82.85	82.32
10	82.31	83.31	83.60	89.38	83.71	83.01	87.06	88.82	--	86.06	82.58	--
11	82.29	88.22	83.62	91.38	83.57	83.40	84.91	86.50	--	86.18	82.40	--
12	82.29	87.16	84.59	90.62	87.21	83.80	83.47	84.14	91.97	84.30	82.30	--
13	82.28	85.35	83.97	88.47	85.50	91.91	82.85	83.04	91.10	82.85	82.38	--
14	82.32	83.91	83.41	86.23	83.95	93.09	85.30	82.65	88.70	82.38	82.56	--
15	85.97	83.15	87.02	84.68	83.97	92.92	85.59	83.48	86.48	82.28	82.31	--
16	85.14	83.12	86.63	83.73	91.23	91.96	84.25	90.28	85.14	82.27	82.36	--
17	84.43	87.20	84.86	83.24	91.66	90.09	83.19	89.25	83.70	--	83.60	--
18	83.30	87.99	83.65	82.93	90.59	89.10	82.74	87.04	--	--	83.02	--
19	82.75	86.76	83.07	83.41	88.36	87.45	82.60	84.19	83.40	85.17	82.58	--
20	82.58	87.76	82.82	85.78	85.51	85.21	82.51	82.79	84.06	84.38	82.35	--
21	82.54	86.52	82.72	84.60	83.66	83.61	82.46	82.43	83.29	--	82.26	--
22	82.53	84.93	82.65	83.54	82.97	82.97	82.46	82.38	82.70	--	82.18	--
23	82.47	83.62	82.59	83.00	86.53	83.08	82.43	82.36	82.70	--	82.13	--
24	82.40	82.95	83.55	82.78	86.67	87.38	82.39	82.35	82.84	--	82.12	--
25	82.35	82.72	90.12	82.74	85.27	85.83	82.37	82.34	82.36	--	82.11	--
26	82.33	82.69	90.10	82.69	83.95	84.01	82.78	82.33	--	--	82.08	--
27	82.31	82.63	90.16	82.68	83.18	83.09	83.32	82.34	--	--	82.04	--
28	82.69	82.57	90.30	82.60	82.88	82.77	82.89	82.33	85.84	84.15	82.03	--
29	90.24	82.51	89.87	82.52	------	89.40	83.70	83.26	86.18	84.56	82.02	--
30	90.68	82.51	90.65	--	------	91.74	89.41	88.85	84.80	83.60	82.08	81.94
31	89.57	------	90.67	--	------	91.06	------	90.83	------	82.95	82.95	------
MAX	90.68	88.22	90.67	91.38	92.63	93.09	89.41	92.27	--	86.22	89.46	82.86
MIN	82.28	82.51	82.38	--	82.88	--	82.37	82.33	--	--	82.02	--

07368505 Big Colewa Bayou near Pioneer, La.

LOCATION.--Lat 32°43'31", long 91°31'34", on line between sec.11 and sec.14, T.20 N., R.9 E., West Carroll Parish, on parish road 5.5 mi (8.8 km) west of Pioneer, and 5.7 mi (9.2 km) downstream from gaging station Big Colewa Bayou near Oak Grove, La. (07368500).

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1973 to current year (elevations only). Unpublished records from January 1954 to September 1973 available in files of Baton Rouge district office.

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

EXTREMES.--Current year: Maximum elevation, 90.84 ft (27.988 m) Mar. 14.
Period of record: Maximum elevation, 91.06 ft (27.755 m) June 9, 1974.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	82.49	86.44	81.16	87.71	85.12	81.75	87.66	87.58	87.10	82.60	81.58	81.58
2	81.90	84.80	81.12	85.77	88.60	81.58	85.02	86.25	84.64	81.78	81.33	81.50
3	81.50	83.60	81.08	85.05	89.86	81.42	83.06	87.52	82.98	81.36	81.92	81.32
4	81.26	82.83	81.07	85.35	90.32	81.33	82.13	89.20	81.96	81.28	88.04	81.13
5	81.12	82.92	81.06	84.23	90.25	81.24	81.65	89.11	81.94	81.28	87.60	81.02
6	81.05	82.65	84.20	83.22	89.52	81.18	81.36	89.74	81.26	81.28	85.50	82.45
7	--	82.23	87.01	82.72	87.73	81.13	81.21	90.05	81.54	81.29	83.10	82.28
8	--	81.90	85.71	84.71	85.40	81.11	81.16	89.57	83.15	85.85	82.72	81.62
9	--	81.66	84.03	84.49	83.74	81.10	82.97	88.45	82.29	85.71	82.06	81.30
10	--	81.48	82.87	87.25	82.80	81.49	85.71	88.13	86.80	85.90	81.57	81.10
11	--	86.46	82.85	89.20	82.33	82.43	83.88	86.16	89.87	85.86	81.34	80.97
12	--	85.97	82.78	88.77	84.94	82.80	82.62	83.52	89.82	83.86	81.30	80.90
13	--	84.46	83.21	87.32	84.38	89.69	82.03	82.24	89.18	82.32	81.29	80.84
14	--	83.25	82.58	85.15	83.03	90.80	83.60	81.72	87.54	81.58	81.75	80.80
15	85.17	82.54	85.14	83.75	82.94	90.68	84.26	82.36	85.25	81.32	81.66	80.78
16	85.43	82.55	85.55	82.96	89.25	90.07	83.17	88.85	83.77	81.28	81.32	80.78
17	83.78	86.26	84.05	82.48	89.92	88.63	82.33	88.67	82.61	81.28	81.83	80.81
18	82.74	87.06	82.93	82.16	89.38	87.77	81.85	86.76	81.90	81.27	82.16	80.83
19	82.08	86.07	82.28	82.63	87.68	86.34	81.55	83.67	81.88	82.66	81.67	80.84
20	81.65	87.01	81.88	85.27	85.01	84.24	81.43	82.08	83.25	83.58	81.36	80.83
21	81.37	86.17	81.62	83.93	82.94	82.83	81.32	81.49	82.33	82.34	--	80.80
22	81.21	84.65	81.46	82.89	82.22	82.18	81.22	81.27	81.73	81.64	--	80.78
23	81.11	83.28	81.35	82.29	84.44	82.20	81.17	81.24	82.66	81.33	--	80.75
24	81.05	82.54	81.65	81.91	85.25	86.56	81.15	81.23	82.75	81.29	--	80.76
25	--	82.19	88.35	81.74	83.89	85.25	81.14	81.23	81.84	81.52	--	80.80
26	--	81.97	88.83	81.65	82.94	83.22	81.13	81.22	81.85	81.82	--	80.79
27	--	81.77	88.67	81.55	82.30	82.27	81.49	81.21	81.30	81.36	80.82	80.78
28	--	81.57	88.72	81.45	81.98	81.81	81.60	81.21	85.16	82.48	80.80	80.75
29	88.14	81.38	88.42	81.34	------	87.37	81.58	81.70	85.46	83.44	80.78	80.72
30	88.54	81.25	88.62	81.26	------	89.67	86.62	86.34	84.10	82.75	80.89	80.69
31	87.95	------	88.74	81.20	------	89.33	------	88.01	------	82.07	81.44	------
MAX	88.54	87.06	88.83	89.20	90.32	90.80	87.66	90.05	89.87	85.90	88.04	82.45
MIN	--	81.25	81.06	81.20	81.98	81.10	81.13	81.21	81.26	81.27	--	80.69

07369000 Bayou Lafourche near Crew Lake, La.

LOCATION.--Lat 32°29'55", long 91°55'05", in SW¼ sec.36, T.18 N., R.5 E., Ouachita-Richland Parish line, near center of span on downstream side of bridge on U. S. Highway 80, 1.1 mi (1.8 km) upstream from Illinois Central Railroad bridge, and 2.5 mi (4.0 km) west of town of Crew Lake.

DRAINAGE AREA.--361 mi² or 935 km² (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 (11.302 m) above mean 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 (5.791 m) higher. Since Oct. 1, 1957, auxiliary water-stage recorder 9.5 mi (15.3 km) downstream from base gage at mean sea level datum (sta 07369050).

AVERAGE DISCHARGE.--37 years, 1,629 ft³/s (46.13 m³/s), 1,180,000 acre-ft/yr (1.45 km³/yr).

EXTREMES.--Current year: Maximum discharge, 21,100 ft³/s (598 m³/s) Mar. 16; maximum gage height, 27.12 ft (8.266 m) Mar. 18; minimum discharge (unaffected by backwater), 247 ft³/s (7.00 m³/s) Oct. 27 and Sept. 30; minimum gage height, 2.47 ft (0.753 m) Oct. 27.
Period of record: Maximum discharge, 26,800 ft³/s (759 m³/s) May 2, 1958; maximum gage height, 27.55 ft (8.397 m) Feb. 14, 1966; maximum daily reverse flow not determined; no flow at times in August, September, and October 1952, result of temporary storage due to excavation of channel upstream.
A discharge of 17,000 ft³/s (481 m³/s) was measured Dec. 24, 1931 (from reports of Corps of Engineers, Vicksburg district).

REMARKS.--Records 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. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

COOPERATION.--Auxiliary gage-height record furnished by Corps of Engineers.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,500	3,850	300	14,300	2,500	3,500	12,300	11,800	6,990	600	1,640	729
2	427	2,230	200	11,200	12,500	3,500	9,670	12,900	3,920	600	1,630	700
3	422	1,440	150	6,770	15,700	3,000	5,660	14,100	2,300	550	2,300	638
4	442	1,240	150	7,170	17,100	3,000	3,390	15,700	1,650	550	4,260	588
5	423	1,260	100	6,360	18,400	2,500	1,700	17,000	1,300	500	5,560	616
6	430	1,760	1,500	4,080	19,200	2,500	900	17,400	1,100	400	5,780	1,390
7	492	1,520	4,360	2,560	19,400	2,000	650	17,600	1,050	500	4,780	2,190
8	535	1,030	3,740	4,670	18,300	2,000	500	17,000	5,180	4,710	3,900	1,910
9	442	711	2,260	6,330	15,800	1,500	1,000	15,100	3,240	6,420	3,180	1,400
10	373	613	1,030	6,640	12,500	1,700	3,900	13,100	8,440	5,030	2,550	1,070
11	342	3,260	900	13,500	7,950	2,100	4,370	12,000	13,500	6,430	2,630	817
12	316	6,000	1,270	14,400	5,030	3,000	3,390	10,800	14,100	5,250	2,070	700
13	296	5,580	1,310	14,000	3,140	14,500	2,900	8,250	13,300	4,000	1,380	644
14	280	3,580	1,090	11,400	2,000	18,400	4,590	5,770	11,500	3,000	1,000	627
15	1,310	2,150	3,860	6,610	1,500	20,200	8,660	3,690	7,790	2,300	781	634
16	2,120	1,090	7,380	3,940	11,100	20,900	7,220	7,330	6,400	2,000	676	560
17	1,510	1,910	7,070	2,660	14,700	20,700	2,500	9,170	4,480	1,600	725	711
18	920	2,360	4,130	1,620	14,800	20,300	1,250	7,720	2,500	1,300	741	873
19	700	2,200	2,200	1,720	11,800	19,700	850	5,330	1,650	1,000	1,730	817
20	466	3,140	900	5,450	6,880	17,500	800	3,160	1,500	850	4,010	708
21	368	2,950	500	7,500	3,000	14,600	750	1,500	1,300	700	4,960	557
22	335	2,500	300	4,920	2,000	11,000	700	1,200	1,100	680	4,600	442
23	320	1,310	200	2,320	6,720	7,500	650	1,100	1,000	660	2,440	388
24	304	558	1,000	1,700	12,200	7,160	650	1,000	900	641	1,560	360
25	290	473	8,860	1,400	12,400	6,210	600	900	850	571	1,060	322
26	284	625	11,900	1,300	10,300	3,600	600	900	800	735	865	306
27	264	1,590	11,000	1,200	5,230	2,500	500	800	750	1,300	869	294
28	268	1,210	10,500	1,100	4,000	2,000	500	800	700	2,160	861	276
29	2,800	595	11,600	1,000	------	9,080	600	1,000	650	3,110	809	264
30	6,530	400	13,000	900	------	12,300	6,870	5,490	650	3,060	700	262
31	6,000	------	14,500	800	------	13,300	------	8,710	------	2,230	849	------
TOTAL	32,359	59,288	127,260	169,520	286,150	271,830	88,620	248,320	120,590	63,437	70,896	21,793
MEAN	1,044	1,976	4,105	5,468	10,220	8,769	2,954	8,010	4,020	2,046	2,287	726
MAX	6,530	6,000	14,500	14,400	19,400	20,900	12,300	17,600	14,100	6,430	5,780	2,190
MIN	264	400	100	800	1,500	1,500	500	800	650	400	676	262
AC-FT	64,180	117,600	252,400	336,200	567,600	539,400	175,800	492,500	239,200	125,800	140,600	43,230

CAL YR 1974 TOTAL 1,336,665 MEAN 3,662 MAX 18,300 MIN 100 AC-FT 2,651,000
WTR YR 1975 TOTAL 1,560,063 MEAN 4,274 MAX 20,900 MIN 100 AC-FT 3,094,000

07369000 Bayou Lafourche near Crew Lake, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.81	12.84	6.43	24.56	14.24	20.14	24.98	24.12	23.55	17.32	7.44	4.23
2	7.34	9.34	6.27	23.58	22.55	19.50	24.37	24.73	22.81	16.76	7.24	4.15
3	6.33	8.95	6.16	21.86	24.78	19.11	23.28	25.42	22.17	16.19	8.98	3.98
4	5.80	5.82	6.10	20.92	25.65	19.17	22.50	26.17	21.75	15.63	12.99	3.84
5	5.00	5.40	6.05	19.84	26.18	19.05	21.95	26.52	21.46	15.08	15.75	3.92
6	4.48	6.49	8.78	17.72	26.44	18.90	21.53	26.68	21.21	14.51	15.79	5.78
7	3.99	5.20	15.26	16.04	26.50	18.67	21.20	26.82	21.15	13.90	14.35	7.57
8	3.55	4.87	14.50	17.20	26.37	18.33	20.98	26.85	21.95	18.47	12.65	6.94
9	3.24	4.05	12.20	18.75	25.93	18.17	21.00	26.62	21.50	20.72	11.00	5.84
10	3.01	3.78	10.60	19.65	25.00	18.20	21.34	26.27	23.00	19.01	9.27	5.07
11	2.89	9.78	10.10	23.73	23.44	18.28	21.65	26.02	25.06	19.78	8.94	4.44
12	2.78	15.50	10.51	24.31	21.93	18.70	21.47	25.72	25.52	18.19	7.49	4.15
13	2.68	15.34	10.46	24.34	20.20	24.53	21.12	25.12	25.48	15.30	5.77	4.00
14	2.60	12.44	10.12	23.55	18.35	26.17	21.70	24.48	25.12	13.34	4.90	3.95
15	5.50	9.22	13.73	21.40	17.55	26.72	22.94	24.12	24.27	12.34	4.36	3.97
16	7.91	8.81	13.17	18.86	23.10	26.93	22.83	24.62	23.58	11.46	4.08	3.76
17	7.09	9.46	16.42	17.15	24.82	27.01	21.98	25.00	22.89	10.63	4.22	4.18
18	5.25	10.76	15.92	16.16	25.12	27.11	21.61	24.76	22.18	9.81	4.26	4.58
19	4.03	10.71	13.04	15.91	24.42	27.06	21.42	24.27	21.65	9.11	6.52	4.44
20	3.32	12.85	11.30	18.34	22.92	26.77	21.33	23.83	21.39	8.46	11.60	4.17
21	2.94	12.85	10.72	20.03	21.50	26.27	21.32	23.51	21.05	7.26	13.60	3.75
22	2.80	11.90	10.36	18.32	20.45	25.52	21.32	23.25	20.56	6.03	12.80	3.38
23	2.70	10.25	10.07	15.47	21.55	24.53	21.35	23.05	20.17	4.78	8.61	3.21
24	2.72	9.14	10.62	15.03	23.75	24.20	21.38	22.87	19.81	3.99	6.16	3.12
25	2.65	8.53	20.00	14.52	24.11	23.71	21.31	22.75	19.46	3.81	5.05	2.98
26	2.62	8.13	23.10	14.23	23.64	22.88	21.27	22.60	19.14	5.06	4.56	2.91
27	2.52	8.75	24.94	14.07	22.06	22.30	21.21	22.43	18.74	6.18	4.57	2.85
28	2.54	8.09	23.25	13.80	20.84	21.88	21.09	22.28	18.52	8.94	4.55	2.77
29	8.77	7.08	23.42	13.56	------	23.38	20.98	22.25	18.16	10.72	4.42	2.71
30	16.26	6.58	23.94	13.24	------	24.65	22.30	23.01	17.72	10.52	4.15	2.70
31	15.94	------	24.52	13.01	------	25.07	------	23.88	------	8.63	4.52	------
MAX	16.26	15.50	24.52	24.56	26.50	27.11	24.98	26.85	25.52	20.72	15.79	7.57
MIN	2.52	3.78	5.05	13.01	14.24	18.17	20.98	22.25	17.72	3.81	4.08	2.70

07369050 Bayou Lafourche near Alto, La.

LOCATION.--Lat 32°23'50", long 91°59'40", in SE¼ sec.6, T.16 N., R.5 E., Ouachita-Richland Parish line, at bridge on State Highway 15, 8 mi (13 km) west of Alto, 9.5 mi (15.3 km) downstream from gaging station Bayou Lafourche near Crew Lake (07369000), and 40 mi (64 km) upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1973 to current year (elevations only). April 1946 to September 1973 published in reports of Corps of Engineers.

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

EXTREMES.--Current year: Maximum elevation, 61.46 ft (18.733 m) May 9; minimum, not determined.
Period of record: Maximum elevation, 61.46 ft (18.733 m) May 9, 1975; minimum, 35.79 ft (10.909 m) Oct. 6, 1973.
Maximum elevation since April 1946, 63.8 ft (19.45 m) Apr. 23, 1947; minimum, 34.82 ft (10.613 m) July 18, 19, 1969.

COOPERATION.--Elevations furnished by Corps of Engineers.

ELEVATIONS, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.60	47.50	42.87	54.57	50.21	56.59	59.79	58.83	59.36	53.77	42.72	38.26
2	43.45	44.64	42.75	58.31	56.34	56.05	59.72	59.28	59.06	53.25	42.45	38.06
3	42.53	42.34	42.67	57.64	56.14	55.59	59.31	59.86	58.64	52.69	44.02	37.93
4	41.90	41.65	42.54	56.21	56.82	55.71	58.80	60.56	58.28	52.11	47.39	37.69
5	41.36	41.27	42.62	55.16	59.31	55.58	58.36	60.81	58.00	51.55	50.08	37.72
6	40.77	40.75	44.85	53.47	59.65	55.43	58.02	61.00	57.75	50.96	49.95	39.85
7	40.17	40.74	50.30	52.12	60.00	55.19	57.75	61.20	57.61	50.37	48.74	41.28
8	39.51	39.43	49.76	52.70	60.17	54.84	57.55	61.39	57.94	54.21	47.26	41.18
9	39.15	38.54	48.04	53.75	60.13	54.66	57.49	61.46	57.78	56.22	45.78	40.22
10	38.82	38.62	46.90	54.68	59.74	54.58	57.60	61.37	58.38	54.64	44.10	39.37
11	38.61	43.48	46.50	57.64	59.03	54.60	57.77	61.25	59.54	55.06	43.50	38.62
12	38.41	44.10	46.71	58.16	57.95	54.86	57.73	61.11	60.00	53.56	42.08	38.19
13	38.22	44.51	46.64	58.34	56.43	58.54	57.56	60.91	60.18	51.22	40.32	37.96
14	38.05	47.33	45.35	58.18	54.78	59.65	57.78	60.58	60.18	49.67	39.14	37.79
15	40.04	44.57	48.80	56.98	54.14	60.20	58.31	60.42	60.02	48.80	38.40	37.86
16	42.75	42.57	52.39	54.61	57.68	60.54	58.49	60.49	59.51	47.92	37.90	37.75
17	42.48	45.11	53.03	53.29	58.82	60.72	58.24	60.57	59.07	47.10	38.00	38.30
18	41.90	45.30	51.28	52.49	59.19	61.01	58.06	60.58	58.57	46.28	38.07	38.60
19	39.81	45.37	49.00	52.20	59.20	61.11	57.92	60.42	58.09	45.49	39.43	38.50
20	38.49	48.22	47.68	53.68	58.67	61.12	57.83	60.19	57.76	44.69	44.65	38.29
21	37.99	48.45	47.17	54.94	57.81	61.02	57.83	59.97	57.44	43.58	46.98	37.80
22	37.13	47.55	46.87	53.86	56.98	60.80	57.85	59.74	57.02	42.36	46.72	37.31
23	36.84	46.42	46.60	52.12	57.13	60.35	57.86	59.57	56.62	41.02	43.34	--
24	36.67	45.55	47.05	51.44	58.20	60.06	57.87	59.41	56.26	39.70	40.86	--
25	36.53	44.95	54.44	51.06	58.60	59.68	57.83	59.30	55.96	38.45	39.54	--
26	36.44	44.49	57.35	50.81	58.64	59.17	57.79	59.15	55.61	41.00	38.82	--
27	36.32	44.58	57.49	50.64	58.06	58.58	57.74	58.99	55.25	41.49	38.67	--
28	36.29	44.64	57.72	50.42	57.22	58.36	57.64	58.82	54.98	44.14	38.63	--
29	40.94	43.40	57.90	50.16	------	58.67	57.55	58.78	54.60	45.47	38.41	--
30	44.13	42.99	58.15	49.80	------	59.35	57.97	59.04	54.17	45.24	38.11	--
31	50.00	------	58.45	49.59	------	59.64	------	59.36	------	43.61	38.53	------
MAX	50.00	49.51	58.45	58.57	60.17	61.12	59.79	61.46	60.18	56.22	50.08	41.28
MIN	36.29	38.62	42.62	49.59	50.21	54.58	57.49	58.78	54.17	38.45	37.90	--

07369205 Turkey Creek at State Highway 15, at Winnsboro, La.

LOCATION.--Lat 32°09'15", long 91°42'42", in NW¼ sec.36, T.14 N., R.7 E., Franklin Parish, on downstream side of bridge on State Highway 15, at Winnsboro.

DRAINAGE AREA.--28.8 mi^2 (74.6 km^2).

PERIOD OF RECORD.--March to September 1975 (gage heights and 1 discharge measurement).

GAGE.--Water-stage recorder. Datum of the gage is 50.11 ft (15.274 m) above mean sea level.

EXTREMES.--Maximum gage height during period, 13.38 ft (4.078 m) June 12.

Discharge measurement made during collection of record

Date	Discharge (cfs)
June 12, 1975	1,620

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							6.72	11.38	7.45			
2							6.74	10.04	7.32		4.66	
3							6.75	9.79	7.20		4.15	
4							6.73	11.82	7.03		7.56	
5						4.94	6.73	11.04	6.85		6.35	
6						4.32	6.70	10.42	6.68		5.86	6.59
7						4.12	6.62	9.88	6.45			
8						3.93	6.57	11.37	6.61	4.66		
9						3.76	6.58	10.61	6.16	8.06		
10						3.64	6.68	10.14	6.90	3.90		
11							6.62	9.62	13.10	4.54		
12							6.62	9.20	13.33			
13						11.70	6.62	8.87	12.84			
14						11.97	7.12	8.74	12.12			
15						11.43	7.18	8.74	11.76			
16						10.84	6.90	9.09	11.45			
17						10.45	6.95	8.85	10.95			
18						11.29	7.02	8.85	10.05			
19						10.88	7.12	8.85	7.60			
20						9.90	7.13	8.80	6.70		--	
21						8.60	7.12	8.70	6.18		--	
22						7.00	7.19	8.65	5.87		--	
23						6.41	7.20	8.53	5.62		--	
24						6.52	7.07	8.42	5.34		--	
25						6.58	7.04	8.29	5.05		--	
26						6.59	6.95	8.17	4.78	5.15	--	
27						6.60	6.85	8.04	4.43	5.88		
28						6.58	6.73	7.89	8.09			
29						8.22	6.64	7.80	7.96			
30						8.53	7.50	7.66	4.02			
31						6.94	------	7.58	------			------
MAX						--	7.50	11.82	13.33	8.06	7.56	6.59
MIN						--	6.57	7.58	4.02	--	--	--

NOTE.--Less than 3.50 ft, lowest recordable stage, Mar. 11, 12, July 1-7, 12-25, July 28 to Aug. 1, Aug. 7-19, Aug. 27 to Sept. 5, Sept. 7-30.

07369370 Lake Providence at Lake Providence, La.

LOCATION.--Lat 32°50'40", long 91°13'25", in sec.13, T.21 N., R.12 E., East Carroll Parish, on upstream side of Baxter Bayou bridge on U. S. Highway 65, 3.0 mi (4.8 km) northwest of village of Lake Providence.

DRAINAGE AREA.--18.7 mi^2 (48.4 km^2).

PERIOD OF RECORD.--January 1967 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Louisiana Department of Public Works).

EXTREMES.--Current year: Maximum elevation, 91.67 ft (27.941 m) May 6; minimum, 87.63 ft (26.710 m) Oct. 28.
Period of record: Maximum elevation, 93.57 ft (28.520 m) Jan. 5, 1972; minimum, 87.58 ft (26.694 m) Dec. 18, 19, 1973.

REMARKS.--Reservoir if used for recreation and is formed from an oxbow lake by a concrete dam on Tensas Bayou and a weir on Baxter Bayou. Crest of the spillway in the dam and the weir is 89.5 ft (27.3 m) above mean sea level. Reservoir capacity is unknown.

ELEVATION, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	88.78	88.29	88.14	90.29	88.98	89.40	90.64	90.73	90.00	89.93	90.15	89.80
2	88.70	88.24	88.08	90.16	89.32	89.39	90.42	90.65	89.99	89.92	90.13	89.79
3	88.61	88.18	88.03	90.08	90.17	89.40	90.22	90.69	89.99	89.91	90.11	89.78
4	88.51	88.14	87.98	90.03	90.59	89.42	90.06	90.99	90.00	89.88	90.23	89.78
5	88.43	88.10	87.94	89.91	90.81	89.43	90.02	90.96	90.00	89.87	90.24	89.76
6	88.36	88.04	87.97	89.81	90.65	89.45	89.89	91.33	90.00	89.86	90.23	89.78
7	88.30	87.97	88.46	89.71	90.45	89.48	89.79	91.58	90.01	89.85	90.20	89.75
8	88.23	87.94	88.52	89.68	90.28	89.49	89.69	91.32	90.10	89.85	90.24	89.73
9	88.16	87.89	88.49	89.62	90.15	89.50	89.61	91.03	90.11	89.84	90.20	89.73
10	88.12	87.86	88.45	89.92	90.03	89.55	89.72	90.83	90.38	89.83	90.16	89.71
11	88.06	87.97	88.46	90.58	89.87	89.57	89.65	90.59	91.48	90.26	90.14	89.69
12	88.01	87.96	88.50	90.50	89.97	89.48	89.56	90.38	91.53	90.29	90.10	89.67
13	87.96	87.92	88.48	90.39	89.89	90.35	89.47	90.21	91.27	90.24	90.06	89.66
14	87.91	87.87	88.44	90.24	89.79	91.26	89.52	90.07	90.98	90.19	90.01	89.62
15	88.12	87.83	88.49	90.11	89.69	91.07	89.49	89.93	90.77	90.15	89.98	89.61
16	88.17	87.79	88.50	89.96	90.64	90.84	89.51	89.93	90.56	90.12	89.96	89.60
17	88.14	87.99	88.45	89.84	91.13	90.59	89.56	89.83	90.36	90.09	89.95	89.66
18	88.10	88.23	88.41	89.76	91.03	90.55	89.61	89.73	90.19	90.05	89.92	89.65
19	88.05	88.24	88.37	89.70	90.82	90.41	89.68	89.64	90.13	90.02	89.92	89.65
20	87.98	88.54	88.33	89.76	90.61	90.24	89.71	89.54	90.06	89.98	89.90	89.63
21	87.92	88.63	88.28	89.70	90.40	90.10	89.73	89.43	89.97	89.95	89.88	89.62
22	87.87	88.61	88.24	89.64	90.24	90.06	89.75	89.34	89.99	89.95	89.87	89.59
23	87.83	88.57	88.19	89.54	90.13	90.07	89.79	89.23	89.99	89.93	89.85	89.56
24	87.78	88.51	88.33	89.45	89.93	90.90	89.81	89.15	89.97	89.92	89.87	89.57
25	87.74	88.48	89.35	89.36	89.78	90.88	89.83	89.07	89.96	90.07	89.87	89.57
26	87.70	88.42	89.86	89.28	89.68	90.64	89.84	88.98	89.95	90.09	89.87	89.55
27	87.66	88.36	89.98	89.19	89.60	90.43	89.85	88.98	89.94	90.25	89.87	89.55
28	87.63	88.31	90.13	89.11	89.49	90.26	89.85	89.00	89.93	90.29	89.86	89.54
29	88.10	88.25	90.23	89.04	------	90.60	89.85	89.07	89.93	90.27	89.84	89.54
30	88.32	88.19	90.28	88.96	------	91.13	90.50	89.41	89.93	90.22	89.83	89.53
31	88.33	------	90.40	88.88	------	90.90	------	89.94	------	90.19	89.81	------
MAX	88.78	88.63	90.40	90.58	91.13	91.26	90.64	91.58	91.53	90.29	90.24	89.80
MIN	87.63	87.79	87.94	88.88	88.98	89.39	89.47	88.98	89.93	89.83	89.81	89.53

07369455 Brushy Bayou at Tallulah, La.

LOCATION.--Lat 32°23'52", long 91°11'57", on line between secs.31 and 32, T.16 N., R.12 E., Madison Parish, at bridge on U. S. Highway 165 at Tallulah, and 1.0 mi (1.6 km) upstream from Roundaway Bayou.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--April 1974 to current year (elevations only).

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

EXTREMES--Current year: Maximum elevation, 74.77 ft (22.790 m) May 15, minimum, 70.22 ft (21.403 m) June 23. Period of record: Maximum elevation, 74.77 ft (22.790 m) May 15, 1975; minimum, 69.70 ft (21.245 m) during period of no elevation record in April 1974.

ELEVATION, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.73	71.75	--	--	72.71	73.36	73.31	72.29	72.42	71.97	73.79	71.74
2	71.71	71.74	--	--	72.86	73.33	73.09	72.27	72.64	71.82	73.93	71.71
3	71.67	71.71	--	--	72.82	73.30	72.87	72.44	72.81	71.70	73.77	71.65
4	71.65	71.69	--	--	72.94	73.29	72.72	73.27	72.66	71.57	73.67	71.58
5	71.63	71.80	--	--	72.94	73.23	72.62	73.37	72.43	71.54	73.79	71.48
6	71.62	71.80	--	--	72.91	73.16	72.54	73.49	71.65	71.50	73.31	71.38
7	71.60	71.77	--	--	72.89	73.09	72.47	73.62	71.35	71.40	73.05	71.29
8	71.58	71.74	--	--	72.86	73.03	72.39	74.22	72.14	71.84	72.95	71.20
9	71.57	71.73	--	--	72.83	72.94	72.21	74.24	72.27	71.85	72.92	71.10
10	71.57	71.71	--	--	72.81	72.89	72.13	74.47	72.39	72.00	72.87	70.95
11	71.56	71.94	--	--	72.77	72.86	72.09	74.46	74.51	72.15	72.78	70.83
12	71.55	71.96	--	--	72.82	72.81	72.20	74.41	74.39	72.13	72.71	70.88
13	71.54	71.91	72.58	--	72.76	73.94	72.30	74.34	74.27	72.22	72.63	70.91
14	71.53	71.87	72.58	--	72.67	74.32	72.59	74.22	74.17	72.24	72.57	70.89
15	71.92	71.87	72.94	72.50	72.61	74.34	72.58	74.15	74.06	72.21	72.50	70.88
16	72.02	71.86	73.01	71.43	73.88	74.39	72.48	74.59	74.00	72.04	72.40	70.94
17	71.95	72.09	--	70.41	73.77	74.37	72.45	74.66	73.60	71.88	72.24	71.62
18	71.89	72.41	--	72.24	73.94	74.61	72.40	74.61	73.20	71.80	72.26	71.48
19	71.84	72.33	--	72.96	73.84	74.55	72.34	74.65	72.65	71.75	72.18	71.38
20	71.79	72.37	--	73.14	73.69	74.46	72.29	74.57	71.92	71.69	72.08	71.70
21	71.74	72.24	--	73.15	73.64	74.36	72.24	74.44	71.42	71.64	72.08	72.04
22	71.71	72.11	--	73.12	73.61	74.28	72.19	74.31	70.90	71.69	71.92	72.15
23	71.68	72.01	--	73.10	73.64	74.23	72.20	74.22	70.37	71.82	71.82	72.18
24	71.66	71.94	--	73.07	73.55	74.19	72.14	74.14	71.82	71.81	71.82	72.22
25	71.65	71.89	--	73.07	73.48	74.11	72.10	74.07	72.02	71.76	71.73	72.24
26	71.64	72.85	--	73.04	73.42	74.02	72.05	73.96	71.92	72.62	72.34	72.26
27	71.62	71.81	--	72.98	73.36	74.03	72.00	73.84	71.87	73.32	72.24	72.23
28	71.61	71.77	--	72.90	73.34	74.01	71.95	73.01	71.91	73.51	72.01	72.20
29	71.76	--	--	72.85	------	74.29	71.91	72.75	72.14	73.60	71.85	72.18
30	71.75	--	--	72.81	------	74.14	72.03	72.67	72.08	73.73	71.77	72.16
31	71.77	------	--	72.76	------	73.99	------	72.54	------	73.81	71.78	------
MAX	72.02	72.41	--	--	73.94	74.61	73.31	74.66	74.51	73.81	73.93	72.26
MIN	71.53	--	--	70.41	72.61	72.81	71.91	72.27	70.37	71.40	71.73	70.83

07369457 Lower Roundaway Bayou tributary near Tallulah, La.

LOCATION.--Lat 32°22'33", long 91°11'57", on line between secs.43 and 44, T.16 N., R.12 E., Madison Parish, near center of bridge on U.S. Highway 165, 1.5 mi (2.4 km) south of Tallulah.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--April 1974 to current year (elevations only).

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

EXTREMES.--Current year: Maximum elevation, 73.62 ft (22.439 m) June 11; minimum, 65.46 ft (19.952 m) Sept. 29.
Period of record: Maximum elevation, 73.62 ft (22.439 m) June 11, 1975; minimum, 65.46 ft (19.952 m) Sept. 29, 1975.

ELEVATION, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67.23	67.42	67.21	69.50	67.36	67.27	68.57	68.70	67.40	67.15	68.72	65.67
2	67.21	67.40	67.22	69.03	67.91	67.29	68.01	68.45	67.10	67.16	69.68	65.64
3	67.21	67.39	67.24	68.72	67.81	67.34	67.53	68.47	67.11	67.20	69.32	65.64
4	67.20	67.38	67.27	68.50	68.37	67.46	67.19	70.63	67.15	67.24	68.83	65.64
5	67.06	67.64	67.30	68.04	68.47	67.47	67.21	70.86	67.30	67.31	69.67	65.74
6	66.97	67.50	67.44	67.64	68.11	67.44	67.30	70.93	67.30	67.30	69.99	65.70
7	67.23	67.45	69.15	67.38	67.72	67.45	67.38	71.24	67.36	67.30	69.32	65.66
8	67.36	67.47	68.87	67.67	67.46	67.46	67.47	72.07	68.92	68.56	68.67	65.91
9	67.36	67.49	68.64	67.56	67.34	67.44	67.57	71.94	68.68	68.21	68.00	65.68
10	67.30	67.50	68.37	68.18	67.36	67.45	67.89	72.31	69.77	68.55	67.44	65.66
11	67.35	68.01	68.18	69.91	67.43	67.50	67.71	72.14	73.60	68.98	66.82	65.80
12	67.44	67.75	67.93	69.64	67.73	67.55	67.63	71.89	73.28	68.68	66.44	65.62
13	67.43	67.55	67.61	69.58	67.55	70.55	67.56	71.51	73.06	68.39	66.39	65.70
14	67.40	67.45	67.38	69.52	67.49	72.20	68.43	71.13	72.92	68.03	66.56	65.58
15	67.86	67.41	68.42	69.16	67.48	72.18	68.17	70.72	72.83	67.62	66.20	65.58
16	67.45	67.39	68.15	68.72	70.14	72.10	67.77	72.37	72.64	67.31	66.15	65.57
17	67.01	68.22	67.86	68.25	71.01	71.92	67.54	72.56	72.34	67.06	65.96	67.16
18	66.85	68.72	67.57	67.63	70.76	72.36	67.56	72.36	71.91	67.00	65.98	66.21
19	66.91	68.52	67.36	67.41	70.61	72.23	67.62	72.18	71.58	66.95	66.21	65.88
20	66.98	68.42	67.23	67.62	70.25	71.95	67.61	71.83	71.21	66.92	65.99	65.65
21	67.02	68.12	67.17	67.45	69.80	71.58	67.60	71.37	70.85	66.90	65.90	65.61
22	67.14	67.85	67.23	67.26	69.35	71.15	67.61	70.87	70.35	66.96	65.71	65.60
23	67.21	67.32	67.36	67.15	69.05	70.68	67.72	70.34	69.89	66.97	65.73	65.72
24	67.25	67.14	68.75	67.16	68.70	70.21	67.71	69.85	69.15	67.01	66.03	65.60
25	67.24	66.98	68.55	67.61	68.25	69.83	67.71	69.39	68.65	66.30	65.89	65.54
26	67.22	66.90	68.35	67.55	67.85	69.44	67.71	68.97	68.23	68.36	66.84	65.54
27	67.20	66.90	68.84	67.38	67.54	69.02	67.74	68.61	67.81	68.97	66.34	65.53
28	67.17	66.96	69.48	67.32	67.35	68.61	67.80	68.28	67.48	69.10	65.97	65.50
29	67.49	67.09	70.26	67.29	------	69.13	67.81	68.23	67.40	68.98	65.78	65.48
30	67.51	67.18	70.11	67.29	------	69.31	68.13	68.15	67.13	68.72	65.72	65.70
31	67.44	------	69.90	67.33	------	68.94	------	67.73	------	68.41	65.74	------
MAX	67.86	68.72	70.26	69.91	71.01	72.36	68.57	72.56	73.60	69.10	69.99	67.16
MIN	66.85	66.90	67.17	67.15	67.34	67.27	67.19	67.73	67.10	66.30	65.71	65.48

07369500 Tensas River at Tendal, La.

LOCATION.--Lat 32°25'55", long 91°22'00", in NW¼ sec.29, T.17 N., R.11 E., Madison Parish, near left bank on upstream side of bridge on U. S. Highway 80 at Tendal, 200 ft (61 m) upstream from Illinois Central Railroad bridge, and 3 mi (5 km) east of Waverly.

DRAINAGE AREA.--309 mi^2 or 800 km^2 (see REMARKS).

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

GAGE.--Water-stage recorder. Datum of gage is 50.07 ft (15.261 m) avove mean sea level. Prior to July 11, 1944, nonrecording gage at site 1,000 ft (305 m) upstream at same datum. July 11, 1944, to Sept. 14, 1954, nonrecording gage at same site and datum. Auxiliary water-stage recorder 8.5 mi (13.7 km) downstream from base gage at datum 50.07 ft (15.261 m) above mean sea level. Oct. 1, 1957, to Nov. 8, 1962, auxiliary nonrecording gage at present site and datum. See WSP 1711 and 1791 for history of changes prior to Oct. 1, 1957.

AVERAGE DISCHARGE.--39 years (1936-75), 332 ft^3/s (9.40 m^3/s), 240,500 acre-ft/yr (297 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 3,890 ft^3/s (110 m^3/s) June 10; maximum gage height, 24.91 ft (7.593 m) June 12; minimum daily discharge, 12 ft^3/s (0.34 m^3/s) Oct. 27.
Period of record: Maximum discharge, 4,610 ft^3/s (131 m^3/s) Nov. 19, 1948; maximum gage height, 24.91 ft (7.593 m) June 12, 1975; minimum daily discharge, 2.8 ft^3/s (0.079 m^3/s) Dec. 8, 1954, but may have been less during period of indefinite stage-discharge relation in October 1954.
Maximum stage known, 34.02 ft (10.369 m) since May 15, 1927 (affected by overflow from Mississippi River).

REMARKS.--Records 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. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	248	528	228	1,960	155	329	1,120	691	1,210	404	921	72
2	174	387	185	1,550	393	298	920	713	913	380	1,100	71
3	114	284	156	1,240	820	237	791	1,040	737	316	983	73
4	74	205	148	1,150	1,330	205	703	2,040	619	263	1,560	68
5	46	192	142	1,020	1,530	179	612	2,160	524	226	2,060	67
6	32	153	229	869	1,220	150	529	2,050	435	199	2,070	67
7	24	80	1,520	746	951	127	459	2,060	417	176	1,770	74
8	22	37	1,760	781	768	109	398	2,030	737	458	1,340	77
9	19	25	1,440	728	633	97	354	1,970	693	853	1,170	68
10	17	30	1,100	1,440	524	97	352	2,220	2,200	727	1,030	67
11	16	150	956	2,400	434	123	351	2,170	3,630	1,010	920	67
12	16	300	998	2,290	378	142	337	1,970	3,390	892	792	66
13	15	273	847	1,930	336	1,890	319	1,690	3,270	642	667	66
14	17	198	684	1,470	294	3,060	437	1,400	3,150	468	565	65
15	47	149	790	1,140	308	2,880	590	1,440	3,010	371	458	64
16	64	146	888	951	1,890	2,670	493	2,640	2,810	281	385	84
17	70	462	710	816	2,530	2,400	397	2,700	2,540	217	337	96
18	50	1,030	533	697	2,210	2,530	335	2,440	2,210	173	311	90
19	35	979	428	600	1,680	2,480	291	2,020	1,860	140	288	82
20	25	1,610	355	752	1,240	2,240	250	1,540	1,730	113	293	70
21	23	1,980	321	725	984	1,890	221	1,150	1,550	93	264	67
22	21	1,620	253	547	828	1,480	188	888	1,300	88	202	65
23	19	1,230	232	416	714	1,140	155	718	1,020	82	139	64
24	17	954	769	344	638	1,360	133	602	834	79	103	63
25	15	783	1,370	307	568	1,520	116	530	729	401	86	62
26	13	607	1,620	292	499	1,270	102	464	650	1,080	108	61
27	12	518	1,730	251	432	1,060	94	441	565	916	131	60
28	13	417	2,100	210	373	941	89	377	503	932	108	57
29	124	352	2,400	181	------	1,170	86	440	563	922	87	56
30	694	294	2,500	163	------	1,650	179	1,090	471	761	78	55
31	693	------	2,300	154	------	1,450	------	1,480	------	622	73	------
TOTAL	2,769	15,973	29,692	28,120	24,660	37,174	11,401	45,164	44,270	14,285	20,399	2,064
MEAN	89.3	532	958	907	881	1,199	380	1,457	1,476	461	658	68.8
MAX	694	1,980	2,500	2,400	2,530	3,060	1,120	2,700	3,630	1,080	2,070	96
MIN	12	25	142	154	155	97	86	377	417	79	73	55
AC-FT	5,490	31,680	58,890	55,780	48,910	73,730	22,610	89,580	87,810	28,330	40,460	4,090

CAL YR 1974 TOTAL 248,417 MEAN 681 MAX 4,000 MIN 12 AC-FT 492,700
WTR YR 1975 TOTAL 275,971 MEAN 756 MAX 3,630 MIN 12 AC-FT 547,400

07369500 Tensas River at Tendal, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.14	12.17	8.62	19.58	7.80	--	16.75	11.56	15.73	9.75	13.49	6.34
2	9.57	11.31	8.15	18.39	10.06	--	15.76	12.47	14.32	9.25	15.31	6.33
3	9.06	10.52	7.81	17.31	12.69	--	14.77	14.52	13.06	8.74	14.89	6.36
4	8.64	9.82	7.70	16.66	15.53	--	13.78	18.92	11.97	8.32	16.89	--
5	8.26	9.71	7.64	15.84	16.92	--	12.80	20.06	10.99	8.00	18.71	--
6	7.90	9.46	8.54	14.83	16.25	--	11.86	20.11	10.06	7.76	19.07	--
7	7.64	8.70	15.38	13.82	15.15	--	11.00	20.36	9.58	7.53	18.29	--
8	7.55	8.03	17.42	13.56	14.06	--	10.28	20.77	11.94	9.47	--	--
9	7.44	7.65	16.77	13.19	13.04	--	9.78	20.81	12.50	12.39	--	--
10	7.35	7.75	15.45	16.21	12.11	--	9.64	21.47	18.07	11.91	--	--
11	7.30	8.48	14.59	19.73	11.26	--	9.60	21.39	24.67	13.48	--	--
12	7.27	9.61	14.58	19.96	10.61	--	9.45	20.84	24.86	13.33	--	--
13	7.25	9.24	13.81	19.29	10.05	17.16	9.22	19.95	24.62	11.87	--	--
14	7.32	8.56	12.78	18.11	--	22.19	10.20	18.94	24.24	10.36	--	--
15	8.28	8.02	13.06	16.95	--	22.57	11.54	18.63	23.77	9.22	--	--
16	8.53	7.97	13.71	15.86	17.59	22.33	11.23	21.45	23.15	8.47	--	--
17	8.60	10.56	12.94	14.80	20.52	21.76	10.53	21.94	22.31	--	--	--
18	8.35	13.62	11.82	13.74	20.35	22.13	9.90	21.42	21.28	--	8.70	--
19	7.98	13.89	10.87	12.74	19.28	22.11	--	20.37	20.17	--	8.52	--
20	7.67	16.36	10.07	13.05	18.10	21.54	--	19.01	19.47	--	8.56	--
21	7.59	16.10	9.48	12.98	17.01	20.59	--	17.66	18.74	--	8.32	--
22	7.51	17.35	8.86	11.93	15.96	19.39	--	16.47	--	6.55	7.77	--
23	7.42	15.88	8.65	10.87	14.95	18.21	7.69	15.40	--	6.48	7.15	--
24	7.34	14.51	12.47	10.04	14.02	18.18	7.42	14.37	15.54	6.44	6.74	--
25	7.25	13.37	15.79	--	13.07	18.41	7.20	13.47	14.53	8.99	6.52	--
26	7.15	12.39	17.22	--	12.07	17.66	7.01	12.50	13.49	13.67	6.80	--
27	7.07	11.44	17.79	--	11.03	16.76	6.87	11.77	12.38	13.35	7.05	--
28	7.14	10.56	--	8.42	10.07	15.90	6.79	10.86	11.35	13.32	6.80	--
29	9.15	9.82	--	8.10	------	16.35	6.74	10.88	11.16	13.52	6.54	--
30	12.56	9.24	--	7.89	------	18.05	7.93	14.25	10.50	12.52	6.42	--
31	12.89	------	20.18	7.79	------	17.75	------	16.47	------	11.60	6.36	------
MAX	12.89	18.10	--	19.96	20.52	22.57	16.75	21.94	24.86	13.52	19.07	--
MIN	7.07	7.65	7.70	7.79	7.80	--	6.74	10.86	9.58	6.44	6.36	--

07369700 Bayou Macon near Kilbourne, La.

LOCATION.--Lat 32°59'35", long 91°15'45", in SW¼SE¼ sec.8, T.23 N., R.12 E., East Carroll-West Carroll Parish line, near center of channel on downstream side of bridge on State Highway 585, 0.8 mi (1.3 km) south of Arkansas-Louisiana State line, and 3.0 mi (4.8 km) east of Kilbourne.

DRAINAGE AREA.--504 mi^2 or 1,305 km^2 (see REMARKS).

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to current year (annual maximum gage height and discharge below 200 ft^3/s (5.66 m^3/s) only).

GAGE.--Water-stage recorder. Datum of gage is 75.41 ft (22.985 m) above mean sea level (Corps of Engineers bench mark). Prior to Oct. 1, 1965, at datum 2.00 ft (0.610 m) higher.

AVERAGE DISCHARGE.--11 years (1958-68), 508 ft^3/s (14.39 m^3/s), 368,000 acre-ft/yr (454 hm^3/yr).

EXTREMES.--Current year: Maximum gage height, 24.84 ft (7.571 m) Mar. 14; minimum daily discharge, 156 ft^3/s (4.42 m^3/s) July 23.
Period of record: Maximum gage height, 26.73 ft (8.147 m) Mar. 17, 1973, present datum; no flow June 11, 1963, result of pumping for irrigation.
1957-68: Maximum discharge, 4,740 ft^3/s (134 m^3/s) May 5, 1958.

REMARKS.--Records poor. 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. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

July 21	200	July 26	167
July 22	176	July 27	179
July 23	156	Sept. 29	200
July 24	176	Sept. 30	190
July 25	189		

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.74	7.05	5.02	17.71	17.04	14.44	17.64	14.33	8.40	4.85	5.07	5.52
2	6.31	6.04	4.76	16.28	22.35	13.87	16.36	14.74	7.20	5.14	7.73	5.28
3	5.86	5.64	4.51	15.77	24.00	13.29	15.28	17.51	6.63	5.09	8.24	4.97
4	5.41	5.51	4.40	15.75	24.48	12.73	14.37	20.29	6.22	4.39	8.74	4.65
5	5.02	5.66	4.39	14.87	24.53	12.20	13.60	20.33	5.97	4.37	7.32	4.65
6	4.72	5.85	5.03	14.03	24.18	11.65	12.94	21.63	5.80	--	8.92	5.93
7	4.49	6.08	6.02	13.37	23.60	11.03	12.33	21.68	5.83	--	11.15	6.19
8	4.41	6.11	5.19	14.74	22.78	10.39	11.76	20.43	5.91	5.14	12.24	6.06
9	4.33	5.90	4.55	13.82	21.66	9.67	11.77	19.40	7.11	5.67	12.43	5.88
10	4.16	5.73	4.41	16.13	20.24	9.23	11.93	19.30	12.85	6.38	12.30	5.79
11	4.02	8.99	4.75	18.83	18.82	8.94	11.94	18.42	17.02	7.37	11.88	5.59
12	3.88	9.39	5.15	17.70	17.84	9.43	12.16	17.39	16.91	6.61	11.39	5.73
13	3.75	9.35	4.64	17.05	16.65	21.83	12.18	16.46	16.45	5.85	10.58	5.44
14	3.60	9.90	4.46	16.34	15.45	24.78	16.21	15.30	15.40	5.31	9.63	5.14
15	3.67	9.70	8.32	15.69	14.51	24.54	15.84	14.45	14.74	4.79	8.61	5.11
16	4.46	8.95	8.39	14.98	18.42	24.18	14.44	13.89	14.01	4.40	7.60	5.19
17	4.33	8.65	7.99	14.22	19.17	23.56	13.04	13.80	12.84	--	6.89	5.40
18	4.16	8.41	8.48	13.50	17.52	23.13	11.79	13.77	11.99	--	6.36	5.23
19	3.95	7.43	8.63	13.20	15.95	22.46	10.93	13.65	12.13	--	6.72	5.00
20	3.77	7.37	8.33	14.39	14.68	21.48	10.34	13.34	10.32	--	8.49	4.82
21	3.61	6.45	7.77	14.34	13.67	20.46	9.50	12.88	8.75	--	10.08	4.65
22	3.52	5.85	7.11	14.05	12.87	19.45	8.48	12.32	7.76	--	10.65	4.43
23	3.47	5.51	6.47	13.62	14.95	18.47	7.96	11.70	7.01	2.71	10.38	4.25
24	3.45	5.26	6.45	13.03	16.43	18.65	7.47	10.94	6.41	2.94	9.76	--
25	3.44	5.29	10.30	12.60	16.17	17.61	7.10	10.08	6.18	3.09	8.94	--
26	3.44	5.18	10.45	12.05	15.88	16.27	6.99	9.12	5.75	2.85	8.05	--
27	3.44	5.23	11.54	11.43	15.49	15.08	6.90	8.33	5.39	2.97	7.19	--
28	3.49	5.34	13.44	10.73	14.99	14.09	6.65	7.70	5.32	3.34	6.47	--
29	11.70	5.27	14.83	10.00	------	17.50	6.70	8.23	5.00	4.25	5.98	--
30	12.11	5.17	18.51	9.34	------	20.35	10.70	10.49	4.78	6.02	5.64	--
31	9.19	------	19.22	8.66	------	19.11	------	10.50	------	4.87	5.32	------
MAX	12.11	9.90	19.22	18.83	24.53	24.78	17.64	21.68	17.02	7.37	12.43	6.19
MIN	3.44	5.17	4.39	8.66	12.87	8.94	6.65	7.70	4.78	--	5.07	--

07370000 Bayou Macon near Delhi, La.

LOCATION.--Lat 32°27'25", long 91°28'30", in E½ sec.18, T.17 N., R.10 E., Richland-Madison Parish line, near right bank on downstream side of bridge on U. S. Highway 80, 0.2 mi (0.3 km) upstream from Illinois Central Railroad bridge, and 1 mi (2 km) east of Delhi.

DRAINAGE AREA.--782 mi^2 (2,030 km^2).

PERIOD OF RECORD.--October 1935 to current year. Monthly discharge only for some periods, published in WSP 1311. Daily gage heights as follows: 1885-99 in reports of U. S. Weather Bureau; 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 50.05 ft (15.255 m) above mean 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 (610 m) downstream at same datum. Auxiliary water-stage recorder 7.7 mi (12.4 km) downstream from base gage at datum 46.05 ft (14.036 m) above mean sea level. Feb. 16, 1945, to Oct. 26, 1962, auxiliary nonrecording gage; Oct. 27, 1962, to Nov. 10, 1964, auxiliary water-stage recorder; and Nov. 11, 1964, to May 10, 1965, auxiliary nonrecording gage at site 7.5 mi (12.1 km) downstream from base gage. May 11, 1965, to Mar. 9, 1972, nonrecording gage at present site and datum. Prior to Oct. 1, 1964, at datum 2.00 ft (0.610 m) lower.

AVERAGE DISCHARGE.--40 years, 982 ft^3/s (27.81 m^3/s), 711,500 acre-ft/yr (877 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 8,620 ft^3/s (244 m^3/s) Mar. 14; maximum gage height, 21.66 ft (6.602 m) June 12; minimum discharge, 242 ft^3/s (6.85 m^3/s) Oct. 28 (gage height, 6.43 ft or 1.960 m)
Period of record: Maximum discharge, 9,320 ft^3/s (264 m^3/s) June 10, 1974; maximum gage height, 26.00 ft (7.925 m) May 6, 7, 1958; no flow May 25, 26, 28, June 1, 1963, result of temporary dam.
Flood of March 1882 reached a stage of 37.5 ft (11.4 m) present site and datum, from records of U. S. Weather Bureau (affected by overflow from Mississippi River).

REMARKS.--Records fair. Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence the drainage limits were more or less arbitrarily determined. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	876	2,010	502	5,200	1,360	2,500	4,490	3,050	2,690	601	466	503
2	815	1,210	485	5,000	2,690	2,400	3,810	3,350	2,320	463	443	516
3	730	817	459	4,500	4,980	2,250	3,370	3,730	1,470	394	854	523
4	651	660	427	4,000	6,480	2,090	3,060	5,170	928	368	2,320	496
5	585	607	401	3,500	7,060	1,930	2,910	6,020	745	347	3,010	481
6	529	580	896	3,090	6,750	1,750	2,740	6,280	672	307	2,590	1,190
7	480	583	2,430	2,670	6,200	1,630	2,530	6,800	712	290	1,960	1,140
8	441	601	2,390	2,570	5,570	1,510	2,360	6,700	1,240	839	1,770	823
9	414	614	1,930	2,550	4,960	1,380	2,280	6,500	1,040	1,000	1,750	683
10	388	605	850	4,050	4,450	1,350	2,540	6,990	2,950	750	1,690	618
11	361	1,130	845	6,000	4,100	1,300	2,500	6,170	6,660	1,200	1,630	575
12	337	1,570	1,160	6,200	3,930	1,260	2,340	4,870	7,440	1,310	1,550	533
13	320	1,410	969	6,000	3,790	5,090	2,210	4,020	6,740	973	1,460	527
14	306	1,260	722	5,000	3,460	8,320	2,360	3,450	5,620	686	1,370	526
15	407	1,210	1,110	4,000	3,160	8,340	2,690	3,280	4,370	546	1,230	477
16	647	1,250	1,560	3,500	4,260	7,650	2,850	4,340	3,570	474	1,060	469
17	621	2,010	1,400	3,130	6,400	7,070	2,720	4,310	3,080	407	988	502
18	492	2,440	1,150	2,690	6,630	7,230	2,550	3,360	2,730	347	816	514
19	408	2,360	1,080	2,480	5,270	6,850	2,380	2,890	2,760	495	665	506
20	343	2,600	1,070	2,580	4,040	6,050	2,130	2,630	3,170	531	636	469
21	313	2,690	1,030	2,590	3,290	5,190	1,820	2,490	2,530	326	822	429
22	292	2,140	949	2,470	2,920	4,390	1,540	2,450	2,240	369	1,080	394
23	280	1,180	864	2,330	2,890	3,970	1,350	2,360	2,190	360	1,230	388
24	268	803	1,220	2,180	2,990	5,540	1,110	2,380	1,400	296	1,240	377
25	261	679	2,930	2,060	2,930	5,730	973	2,310	877	460	1,170	368
26	257	634	4,500	1,920	2,800	4,500	874	2,060	712	557	1,060	351
27	253	587	5,000	1,760	2,670	3,660	815	1,730	624	468	950	333
28	252	544	5,200	1,640	2,580	3,200	781	1,340	778	1,020	825	314
29	1,320	537	5,300	1,510	------	3,410	763	1,120	837	1,130	687	301
30	2,470	528	5,200	1,390	------	4,920	1,730	1,600	733	675	603	295
31	2,510	------	5,400	1,280	------	5,220	------	2,580	------	506	557	------
TOTAL	18,627	35,850	59,029	99,840	118,610	127,680	66,576	116,330	73,828	18,495	38,482	15,621
MEAN	601	1,195	1,904	3,221	4,236	4,119	2,219	3,753	2,461	597	1,241	521
MAX	2,510	2,690	5,400	6,200	7,060	8,340	4,490	6,990	7,440	1,310	3,010	1,190
MIN	252	528	401	1,280	1,360	1,260	763	1,120	624	290	443	295
AC-FT	36,950	71,110	117,100	198,000	235,300	253,300	132,100	230,700	146,400	36,680	76,330	30,980

CAL YR 1974 TOTAL 710,195 MEAN 1,946 MAX 9,290 MIN 192 AC-FT 1,409,000
WTR YR 1975 TOTAL 788,968 MEAN 2,162 MAX 8,340 MIN 252 AC-FT 1,565,000

07370000 Bayou Macon near Delhi, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.66	9.21	7.08	16.59	8.28	10.41	16.56	11.84	11.09	7.24	7.01	7.08
2	7.55	8.09	7.05	15.56	10.88	10.05	15.41	12.62	9.88	7.00	6.96	7.10
3	7.43	7.55	7.06	14.44	14.96	9.63	14.21	14.15	8.43	6.86	7.59	7.11
4	7.32	7.33	6.93	13.76	17.80	9.30	13.08	17.65	7.71	6.80	10.12	7.07
5	7.21	7.25	6.84	12.95	19.09	9.03	12.07	18.72	7.45	6.75	11.83	7.03
6	7.12	7.21	7.61	11.95	19.06	8.80	11.22	19.10	7.35	6.64	10.70	8.06
7	7.04	7.21	10.20	11.03	18.57	8.63	10.51	19.80	7.40	6.60	9.12	7.99
8	6.96	7.24	10.06	10.69	17.84	8.48	9.95	20.27	8.13	7.55	8.83	7.57
9	6.91	7.26	8.51	10.61	16.98	8.31	9.70	20.27	7.86	7.81	8.80	7.36
10	6.85	7.25	7.60	13.48	16.05	8.27	10.59	20.86	12.35	7.46	8.72	7.27
11	6.79	7.48	7.59	16.97	15.11	8.21	10.43	20.15	20.20	8.07	8.64	7.20
12	6.73	8.55	8.02	17.46	14.36	8.15	9.87	18.77	21.57	8.22	8.54	7.13
13	6.69	8.35	7.77	16.68	13.85	14.85	9.54	17.38	21.15	7.77	8.42	7.12
14	6.65	8.15	7.42	15.48	12.97	20.73	9.95	16.11	19.98	7.37	8.30	7.12
15	6.88	8.09	7.95	14.25	12.09	21.43	11.07	15.31	18.49	7.15	8.12	7.03
16	7.31	8.14	8.55	13.10	16.20	21.11	11.48	16.74	17.05	7.02	7.89	7.01
17	7.27	9.19	8.34	12.04	19.11	20.63	11.17	17.04	15.58	6.89	7.79	7.08
18	7.05	10.15	8.01	11.08	19.42	20.92	10.61	15.75	14.07	6.75	7.56	7.10
19	6.89	9.41	7.92	10.34	18.50	20.66	10.01	14.37	13.15	7.04	7.34	7.08
20	6.75	10.81	7.90	10.75	16.86	19.79	9.37	13.27	13.44	7.12	7.29	7.01
21	6.67	11.12	7.85	10.78	15.10	18.70	8.89	12.39	12.20	6.70	7.56	6.93
22	6.61	9.49	7.74	10.31	13.47	17.57	8.52	11.65	10.46	6.80	7.91	6.86
23	6.57	8.05	7.62	9.84	12.26	16.47	8.27	10.97	9.52	6.78	8.11	6.85
24	6.53	7.54	8.10	9.47	11.78	17.72	7.95	10.35	8.34	6.61	8.13	6.82
25	6.50	7.35	11.41	9.24	11.67	18.14	7.77	9.78	7.64	6.98	8.03	6.80
26	6.49	7.29	14.60	9.02	11.38	16.96	7.64	9.25	7.40	7.17	7.89	6.76
27	6.47	7.22	15.37	8.81	11.06	15.46	7.56	8.77	7.28	7.01	7.74	6.71
28	6.47	7.15	16.07	8.65	10.74	14.06	7.51	8.26	7.50	7.83	7.57	6.66
29	6.21	7.14	16.56	8.49	------	13.99	7.48	7.97	7.59	7.97	7.37	6.63
30	10.35	7.12	16.45	8.33	------	16.48	8.91	8.63	7.44	7.35	7.24	6.61
31	10.46	------	16.86	8.17	------	17.25	------	10.73	------	7.08	7.17	------
MAX	10.46	11.12	16.86	17.46	19.42	21.43	16.56	20.86	21.57	8.22	11.83	8.06
MIN	6.47	7.12	6.88	8.17	8.28	8.15	7.48	7.97	7.28	6.60	6.96	6.61

07371500 Dugdemona River near Jonesboro, La.

LOCATION.--Lat 32°12'25", long 92°48'05", in SW¼ sec.8, T.14 N., R.4 W., Bienville-Jackson Parish line, on left bank just downstream from bridge on State Highway 4, 200 ft (61 m) downstream from Brush Creek, 1.5 mi (2.4 km) downstream from McDonald Creek, and 5.4 mi (8.7 km) west of Jackson Parish courthouse in Jonesboro.

DRAINAGE AREA.--355 mi^2 (919 km^2).

PERIOD OF RECORD.--October 1938 to September 1957. November 1957 to current year (annual maximum and gage height only).

GAGE.--Water-stage recorder. Datum of gage is 116.53 ft (35.518 m) above mean sea level. Prior to Nov. 29, 1938, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum discharge, 13,900 ft^3/s (394 m^3/s) May 4 (gage height, 17.06 ft or 5.200 m); minimum gage height, 3.88 ft or 1.183 m Sept. 30.
Period of record: Maximum discharge, 30,600 ft^3/s (867 m^3/s) Jan. 1, 1945 (gage height, 19.87 ft or 6.056 m); minimum gage height, 2.67 ft (0.814 m) Sept. 26, 1955.
1938-57: Minimum observed, 0.4 ft^3/s (0.011 m^3/s) Aug. 31, 1954 (discharge measurement), but may have been less in September 1954.

REMARKS.--Water used by paper mill at Hodge is pumped from wells and discharged into stream about 7 mi (11 km) above station. Part of effluent is discharged continually whenever mill is operating, but that containing waste material is stored in a reservoir and released whenever river flow is sufficient to materially dilute it.

REVISIONS.--WRD LA, 1971: Drainage area.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.35	9.61	9.56	12.96	8.35	11.00	10.77	10.26	9.95	11.37	8.83	4.49
2	9.36	10.40	9.45	12.77	10.09	10.58	10.52	12.57	10.38	10.37	8.53	4.66
3	7.95	11.05	9.53	12.50	11.49	10.33	9.78	14.09	10.33	9.97	9.36	4.75
4	6.78	11.10	9.38	12.38	12.07	10.46	9.06	15.51	9.03	9.84	10.57	4.40
5	6.06	11.00	8.93	12.21	13.02	10.86	8.46	16.62	7.66	10.08	11.22	4.13
6	5.63	10.54	8.86	12.02	13.46	11.15	7.86	14.39	6.72	9.35	10.79	3.97
7	5.36	9.82	10.20	11.73	12.94	11.17	7.46	13.06	6.27	7.75	10.16	3.87
8	5.17	9.22	11.49	11.42	12.26	11.02	7.23	15.20	6.30	6.44	9.68	3.80
9	5.03	8.65	11.95	11.12	11.68	10.56	7.31	15.51	7.35	9.92	8.75	4.00
10	4.91	8.27	12.13	11.10	11.14	10.90	9.09	13.83	10.19	11.02	9.18	4.27
11	4.88	9.33	11.92	12.57	10.64	9.44	9.18	12.68	14.87	11.58	9.27	4.18
12	4.99	10.26	11.56	13.20	10.25	9.15	8.91	11.88	14.54	13.33	8.70	4.09
13	4.81	10.94	11.28	13.35	9.86	11.82	8.19	11.18	13.15	13.17	7.36	4.14
14	4.69	11.11	11.10	12.75	9.56	14.83	8.25	10.41	12.32	12.32	6.35	4.02
15	4.67	11.25	11.55	12.14	9.26	15.11	9.85	9.60	11.82	11.45	5.93	3.95
16	4.86	10.97	12.37	11.65	9.75	13.62	10.56	11.17	11.31	10.44	5.60	4.01
17	4.75	10.43	13.02	11.21	10.86	12.67	10.80	13.67	11.95	9.17	5.29	5.25
18	4.85	10.18	12.80	10.90	11.57	12.27	10.45	13.47	12.02	8.01	5.10	4.87
19	4.99	10.39	12.25	10.80	11.75	12.12	9.40	12.52	11.54	7.18	5.13	5.49
20	4.83	10.55	11.67	11.00	11.48	11.84	8.46	11.65	10.82	7.65	5.16	5.25
21	4.64	10.65	11.12	11.29	10.92	11.58	7.71	10.85	9.94	7.50	5.18	4.70
22	4.55	10.53	10.61	11.30	10.26	11.30	7.08	9.80	9.23	6.68	5.34	4.46
23	4.58	10.25	10.15	11.09	10.03	10.87	6.61	8.79	8.93	6.37	5.45	4.31
24	4.44	9.78	--	10.72	10.48	10.97	6.32	8.00	9.14	6.30	5.41	4.19
25	4.40	9.57	--	10.29	11.13	11.17	6.19	7.98	9.18	6.15	5.52	4.10
26	4.36	9.84	--	9.86	11.72	10.89	6.10	7.87	8.66	5.79	5.08	4.04
27	4.29	10.15	--	9.58	11.75	10.29	5.92	7.42	7.53	6.09	4.83	4.01
28	4.28	10.34	12.62	9.34	11.39	9.57	5.66	6.88	8.45	7.86	5.18	3.96
29	4.87	10.35	12.85	9.04	------	9.42	5.45	6.44	10.10	8.42	4.93	3.92
30	7.72	10.02	12.92	8.78	------	10.23	6.28	8.29	11.59	8.86	4.76	3.90
31	9.07	------	13.10	8.56	------	10.77	------	9.28	------	8.89	4.53	------
MAX	10.35	11.25	13.10	13.35	13.46	15.11	10.80	16.62	14.87	13.33	11.22	5.49
MIN	4.28	8.27	8.86	8.56	8.35	9.15	5.45	6.44	6.27	5.79	4.53	3.80

07372000 Dugdemona River near Winnfield, La.

LOCATION.--Lat 31°58'30", long 92°39'10", on line between secs.34 and 35, T.12 N., R.3 W., Winn Parish, on right bank just downstream from bridge on U. S. Highway 167, 300 ft (91 m) upstream from Chicago, Rock Island and Pacific Railroad Co. bridge, 2.4 mi (3.9 km) downstream from Kyiaies Creek, and 3.5 mi (5.6 km) north of Winnfield.

DRAINAGE AREA.--654 mi^2 (1,694 km^2).

PERIOD OF RECORD.--April 1939 to current year.

GAGE.--Water-stage recorder. Datum of gage is 81.14 ft (24.731 m) above mean sea level (Louisiana Geodetic Survey bench mark). Prior to Dec. 19, 1950, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--36 years, 730 ft^3/s (20.67 m^3/s), 528,900 acre-ft/yr (652 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 14,600 ft^3/s (413 m^3/s) May 6 (gage height, 20.41 ft or 6.221 m); minimum, 34 ft^3/s (0.96 m^3/s) Sept. 30 (gage height, 2.55 ft or 0.777 m).
Period of record: Maximum discharge, 27,100 ft^3/s (767 m^3/s) May 19, 1953 (gage height, 23.78 ft or 7.248 m); no flow at times in 1947, 1954, 1956-57, (result of temporary regulation).

REMARKS.--Records good. Water used by paper mill at Hodge is pumped from wells and discharged into stream about 30 mi (48.3 km) above station. Part of effluent is discharged continually whenever mill is operating, but that containing waste material is stored in a reservoir and released whenever river flow is sufficient to materially dilute it. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1341: Drainage area. WSP 1391: 1939-41.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	428	322	859	6,080	707	1,370	1,050	1,790	825	1,200	579	125
2	472	376	837	5,420	1,000	1,500	980	2,190	743	1,100	560	111
3	522	429	833	5,100	1,460	1,540	966	2,960	618	1,000	827	96
4	567	492	819	4,880	2,000	1,740	974	6,500	569	1,100	1,150	83
5	572	559	769	4,430	2,880	2,030	897	11,800	591	1,200	1,650	80
6	482	632	813	3,860	3,840	1,970	887	13,800	634	1,000	2,400	77
7	288	725	1,050	3,300	4,310	1,820	791	11,900	624	860	2,350	68
8	154	856	1,110	2,940	4,580	1,630	626	8,780	493	700	1,920	63
9	108	920	1,140	2,670	4,070	1,490	538	6,680	357	900	1,570	62
10	90	916	1,150	3,040	3,260	1,390	774	8,800	1,480	1,100	1,340	63
11	80	906	1,170	4,040	2,680	1,370	703	8,380	7,690	1,400	1,090	61
12	74	861	1,340	4,620	2,280	1,360	661	6,020	9,030	1,900	838	61
13	69	794	1,600	4,650	1,900	2,860	660	4,190	9,270	2,400	607	65
14	68	759	1,910	4,730	1,550	7,330	872	3,100	7,670	3,000	496	72
15	77	723	2,350	4,730	1,380	8,600	1,170	2,620	5,460	3,090	420	82
16	76	736	2,450	4,090	2,580	9,460	1,120	2,330	4,060	2,970	295	102
17	74	1,050	2,290	3,290	3,370	8,290	1,050	2,030	2,290	2,440	194	132
18	73	1,580	2,260	2,740	3,200	6,820	958	2,060	1,780	1,930	154	228
19	78	2,060	2,520	2,330	2,760	5,560	889	3,460	1,550	1,660	131	270
20	77	2,140	2,970	2,020	2,280	4,460	869	4,440	1,340	1,240	114	243
21	73	1,950	3,050	1,800	1,900	3,600	856	3,610	1,100	932	99	166
22	72	1,600	2,760	1,640	1,700	2,980	788	2,830	899	634	90	122
23	69	1,330	2,310	1,520	1,660	2,470	627	2,180	724	542	96	97
24	63	1,120	1,970	1,430	1,640	2,110	431	1,650	610	693	78	74
25	59	1,050	2,740	1,390	1,550	1,990	298	1,300	586	760	91	59
26	57	1,070	3,040	1,360	1,450	2,040	237	983	588	673	92	51
27	54	1,070	3,070	1,280	1,350	1,980	207	686	607	427	121	45
28	55	1,040	3,170	1,170	1,300	1,730	188	464	759	303	138	41
29	95	976	3,570	1,040	------	1,530	212	450	948	429	183	37
30	165	906	5,040	917	------	1,360	883	725	1,130	545	202	35
31	220	------	6,230	800	------	1,150	------	826	------	587	166	------
TOTAL	5,411	30,061	67,190	93,307	64,637	95,730	22,162	129,534	65,025	38,715	20,041	2,871
MEAN	175	1,002	2,167	3,010	2,308	3,088	739	4,179	2,168	1,249	646	95.7
MAX	572	2,140	6,230	6,080	4,580	9,460	1,170	13,800	9,270	3,090	2,400	270
MIN	54	322	769	800	707	1,150	188	450	357	303	78	35
AC-FT	10,730	59,630	133,300	185,100	128,200	189,900	43,960	256,900	129,000	76,790	39,750	5,690

CAL YR 1974 TOTAL 453,790 MEAN 1,243 MAX 12,600 MIN 29 AC-FT 900,100
WTR YR 1975 TOTAL 634,684 MEAN 1,739 MAX 13,800 MIN 35 AC-FT 1,259,000

07372000 Dugdemona River near Winnfield, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.61	6.55	10.41	17.47	9.56	12.60	11.36	13.71	10.22	--	8.80	3.99
2	8.01	7.13	10.29	17.14	11.11	13.01	11.05	14.39	9.76	--	8.68	3.75
3	8.41	7.63	10.27	16.97	12.40	13.13	10.98	15.34	9.04	--	10.23	3.51
4	8.73	8.16	10.19	16.85	14.07	13.63	11.02	17.58	8.73	--	11.79	3.29
5	8.76	8.65	9.91	16.58	15.29	14.14	10.96	19.70	8.87	--	13.33	3.25
6	8.07	9.12	10.15	16.21	16.18	14.05	10.62	20.33	9.14	--	14.69	3.17
7	6.16	9.67	11.41	15.77	16.50	13.79	10.03	19.73	9.07	--	14.61	2.99
8	4.57	10.39	11.69	15.38	16.67	13.40	9.08	18.58	8.14	--	13.95	2.86
9	3.94	10.74	11.78	15.04	16.35	12.97	8.53	17.74	6.92	--	13.23	2.84
10	3.63	10.72	11.82	15.46	15.73	12.66	9.94	18.58	11.40	--	12.50	2.86
11	3.45	10.66	11.91	16.32	15.06	12.58	9.54	18.42	18.12	--	11.57	2.82
12	3.33	10.42	12.50	16.69	14.52	12.55	9.29	17.42	18.67	--	10.29	2.83
13	3.23	10.05	13.29	16.72	13.92	15.07	9.29	16.42	18.77	--	8.96	2.91
14	3.19	9.86	13.95	16.76	13.17	17.98	10.46	15.56	18.14	--	8.18	3.06
15	3.40	9.65	14.62	16.76	12.62	18.58	11.91	14.98	17.15	15.58	7.52	3.27
16	3.38	9.72	14.76	16.36	14.89	18.84	11.71	14.58	16.33	15.40	6.25	3.62
17	3.33	11.28	14.53	15.76	15.85	18.39	11.41	14.14	14.46	14.74	5.08	4.25
18	3.32	13.45	14.49	15.14	15.68	17.80	10.94	14.18	13.72	13.97	4.46	5.50
19	3.43	14.19	14.84	14.58	15.16	17.21	10.58	15.80	13.18	13.41	4.08	5.99
20	3.40	14.30	15.41	14.13	14.51	16.59	10.45	16.59	12.48	12.13	3.80	5.67
21	3.31	14.00	15.51	13.76	13.93	16.02	10.40	16.02	11.59	10.79	3.57	4.74
22	3.28	13.30	15.15	13.44	13.59	15.42	10.02	15.24	10.62	9.11	3.42	4.14
23	3.21	12.45	14.55	13.08	13.50	14.78	9.08	14.36	9.66	8.52	3.52	3.74
24	3.10	11.73	14.04	12.78	13.44	14.26	7.61	13.43	8.99	9.48	3.51	3.38
25	3.01	11.46	15.12	12.65	13.16	14.08	6.29	12.36	8.84	9.86	3.43	3.09
26	2.95	11.51	15.49	12.55	12.87	14.16	5.60	11.06	8.85	9.36	3.43	2.93
27	2.90	11.50	15.53	12.30	12.54	14.06	5.24	9.43	8.97	7.56	3.92	2.80
28	2.91	11.37	15.64	11.88	12.36	13.63	5.01	7.91	9.86	6.35	4.17	2.70
29	3.70	11.03	16.00	11.33	------	13.09	5.31	7.77	10.90	7.58	4.90	2.62
30	4.71	10.66	16.92	10.72	------	12.55	10.22	9.66	--	8.57	5.15	2.56
31	5.39	------	17.54	10.08	------	11.88	------	10.23	------	8.84	4.65	------
MAX	8.76	14.30	17.54	17.47	16.67	18.84	11.91	20.33	18.77	--	14.69	5.99
MIN	2.90	6.55	9.91	10.08	9.56	11.88	5.01	7.77	6.92	6.35	3.42	2.56

07372190 Little River at Rochelle, La.

LOCATION.--Lat 31°47'35", long 92°21'42", in NE¼ sec.4, T.9 N., R.1 E., Grant-La Salle Parish line, near center of channel on downstream side of bridge on U.S. Highway 165, at Rochelle, 5.0 mi (8.0 km) upstream from gaging station Little River near Rochelle (sta 07372200).

DRAINAGE AREA.--1,892 mi^2 (4,900 km^2).

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Gage heights October 1938 to November 1946, February 1948 to September 1957 in files of Corps of Engineers. Records of daily gage heights November 1957 to September 1973 in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 24.79 ft (7.556 m) above mean sea level (Corps of Engineers bench mark). Prior to May 9, 1960, nonrecording gage 0.1 mi (0.02 km) upstream at same datum.

EXTREMES.--Current year: Maximum gage height, 41.70 ft or 12.710 m (observed) May 8; minimum, 8.71 ft (2,655 m) Sept. 30.
Period of record: Maximum gage height, 43.43 ft (13.238 m) Apr. 14, 1974; minimum, 7.89 ft (2.405 m) Aug. 7, 8, 1974.
Maximum stage known since 1938, 50.90 ft (15.514 m) May 19, 1953, from floodmarks.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.68	13.80	21.08	36.72	22.74	--	--	29.47	27.91	24.92	19.45	11.31
2	13.51	13.39	19.82	36.44	22.18	--	--	29.97	27.79	24.85	19.10	11.24
3	13.43	13.27	19.09	36.32	22.39	--	--	30.68	27.58	25.68	18.44	10.73
4	13.51	13.27	18.66	36.07	25.57	--	--	32.84	27.29	25.74	18.21	10.29
5	13.64	13.32	18.36	35.72	28.91	--	--	36.61	26.90	25.32	19.31	10.07
6	13.68	13.51	19.49	35.36	30.86	--	--	39.61	26.55	24.94	21.15	10.17
7	13.48	13.69	25.38	35.00	32.51	--	--	41.28	26.31	24.62	23.46	10.65
8	12.86	14.02	27.24	34.86	33.66	--	--	41.70	26.26	24.77	25.07	10.01
9	11.77	14.45	26.80	34.59	34.14	--	--	41.26	26.33	25.76	26.04	9.70
10	10.63	15.12	27.67	34.34	34.14	--	--	40.49	26.75	26.68	26.55	9.40
11	9.86	19.95	27.54	34.46	33.89	--	--	39.50	34.05	28.34	26.41	9.20
12	9.39	22.52	27.61	34.72	33.51	--	--	38.50	39.71	30.25	25.18	9.08
13	9.09	22.45	27.31	35.20	32.97	--	--	37.50	40.01	31.98	23.10	9.38
14	8.97	21.59	26.62	35.64	32.23	--	--	36.62	39.14	32.90	20.67	9.57
15	17.06	20.46	27.52	35.78	31.34	--	30.15	36.11	38.15	33.39	18.07	9.57
16	21.59	19.29	29.23	35.57	33.29	--	30.72	35.68	37.16	33.38	15.81	10.31
17	19.75	21.59	30.23	35.20	36.45	--	31.15	35.24	36.24	32.88	14.39	11.95
18	16.99	25.24	30.82	34.73	37.44	--	31.41	34.75	35.38	32.18	13.28	13.26
19	15.20	27.30	31.16	34.17	38.26	--	31.32	34.05	34.54	31.35	12.32	13.65
20	13.36	29.68	31.13	33.70	37.32	--	30.98	33.49	33.60	30.09	11.60	13.29
21	11.55	31.96	30.74	32.65	36.22	--	30.55	33.25	32.51	28.71	11.38	12.87
22	10.67	33.26	30.12	31.71	35.25	--	30.20	33.18	31.28	27.17	11.32	12.31
23	10.26	33.60	29.67	30.69	34.39	--	29.94	33.07	30.05	25.22	11.36	11.52
24	9.90	33.31	30.63	29.57	33.52	--	29.67	32.80	28.98	22.42	11.13	10.86
25	9.53	32.57	31.32	28.37	32.71	--	29.33	32.20	28.06	20.03	10.76	10.45
26	9.20	31.54	32.03	27.22	31.89	--	28.99	31.28	27.25	18.79	10.55	10.05
27	8.93	30.17	33.04	26.29	31.08	--	28.57	30.27	26.59	18.59	10.46	9.58
28	8.79	28.26	35.26	25.53	--	--	28.37	29.35	25.98	18.26	10.36	9.21
29	11.87	25.68	37.05	24.87	------	--	28.33	28.68	25.48	18.52	10.54	8.96
30	15.24	23.08	37.45	24.21	------	--	28.90	28.24	24.97	19.83	10.92	8.78
31	14.83	------	37.21	23.49	------	--	------	27.99	------	19.94	11.15	------
MAX	21.59	33.60	37.45	36.72	38.26	--	--	41.70	40.01	33.39	26.55	13.65
MIN	8.79	13.27	18.36	23.49	22.18	--	28.33	27.99	24.97	18.26	10.36	8.78

NOTE.--No gage-height record Feb. 28 to Apr. 14.

07372200 Little River near Rochelle, La.

LOCATION.--Lat 31°45'15", long 92°20'40", in SW¼SW¼ sec.14, T.9 N., R.1 E., Grant-La Salle Parish line, near right rank on downstream side of pier of bridge on State Highway 500, 700 ft (213 m) upstream from Louisiana Midland Railway Co. bridge, 1.1 mi (1.8 km) northeast of Zenoria, and 3.0 mi (4.8 km) southeast of Rochelle.

DRAINAGE AREA.--1,899 mi^2 (4,918 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 24.79 ft (7.556 m) above mean sea level (Corps of Engineers bench mark). Auxiliary water-stage recorder 5.0 mi (8.0 km) upstream (see sta 07372190) from base gage at same datum. Prior to May 9, 1960, auxiliary nonrecording gage 5.1 mi (8.2 km) upstream from base gage at same datum.

AVERAGE DISCHARGE.--18 years, 2,086 ft^3/s (59.07 m^3/s), 14.92 in/yr (379 mm/yr), 1,510,000 acre-ft/yr (1.86 km^3/yr).

EXTREMES.--Current year: Maximum discharge, 44,900 ft^3/s (1,271 m^3/s) May 8 (gage height, 39.16 ft or 11.936 m); minimum discharge, 138 ft^3/s (3.91 m^3/s) Sept. 30 (gage height, 7.08 ft or 2.158 m).
Period of record: Maximum discharge, 54,800 ft^3/s (1,552 m^3/s) Apr. 14, 1974 (gage height, 40.20 ft or 12.253 m); minimum daily, 14 ft^3/s (0.40 m^3/s) Oct. 20-29, 1967; minimum gage height, 5.10 ft (1.554 m) Oct. 27, 28, 29, 1967.

REMARKS.--Records good, except for those for period of no gage-height record, which are fair. Natural flow is supplemented by effluent from operation of several oilfields upstream from station. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WRD LA, 1973: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	872	923	2,210	14,400	2,120	3,700	3,800	3,190	1,900	2,020	1,400	435
2	844	818	1,920	12,900	1,940	3,300	3,400	4,040	2,030	2,380	1,200	430
3	828	782	1,770	12,300	2,500	3,200	3,100	5,020	2,000	3,480	1,100	378
4	834	776	1,690	11,500	3,250	3,900	3,050	6,730	1,830	3,500	1,050	319
5	852	779	1,610	10,500	4,200	4,200	3,000	10,400	1,470	3,040	1,350	288
6	862	808	1,970	9,540	5,200	3,900	2,800	26,600	1,180	2,770	1,800	287
7	842	822	3,340	8,820	6,500	3,700	2,500	40,300	1,050	2,760	2,300	340
8	774	863	3,900	8,600	8,000	3,400	2,200	44,900	1,020	2,800	2,940	392
9	639	918	4,000	8,160	8,600	3,100	1,900	41,200	1,290	3,000	3,220	251
10	473	1,010	3,950	7,810	8,400	2,900	2,200	35,400	2,170	3,500	3,400	212
11	367	1,840	3,890	7,900	7,200	2,700	2,300	29,000	6,330	5,000	3,400	186
12	302	2,460	3,940	8,140	5,800	2,600	2,300	23,400	26,800	6,400	3,150	169
13	251	2,460	3,860	8,680	4,500	4,400	2,400	18,700	32,200	8,000	2,690	179
14	228	2,280	3,700	9,620	3,800	10,000	2,500	15,400	27,000	9,600	2,160	214
15	1,390	2,040	3,910	10,200	3,300	23,000	3,090	13,300	21,700	10,000	1,660	215
16	2,320	1,840	4,460	9,920	7,400	26,000	3,930	11,800	17,100	9,000	1,240	272
17	1,980	2,230	4,760	9,180	10,500	25,000	4,440	10,400	13,000	7,300	949	484
18	1,480	3,110	4,930	8,380	18,000	23,000	4,730	9,420	10,000	6,000	744	684
19	1,100	3,680	5,080	7,600	22,000	20,000	4,480	8,470	8,410	5,000	603	754
20	868	4,330	5,140	6,990	19,000	18,000	3,860	7,780	7,310	4,300	508	716
21	609	5,000	5,030	6,400	14,000	15,000	3,060	7,500	6,510	3,700	480	653
22	455	5,760	4,840	5,810	10,000	12,000	2,470	7,370	5,800	3,000	441	582
23	377	6,290	4,700	5,270	8,400	10,000	2,140	7,310	4,890	2,500	440	482
24	322	6,370	5,120	4,840	7,000	8,600	1,880	7,150	4,110	2,000	416	390
25	270	6,050	5,410	4,240	6,500	7,200	1,490	6,360	3,500	1,650	377	335
26	229	5,510	5,780	3,700	6,000	6,400	1,150	5,230	3,040	1,300	346	290
27	196	4,930	6,340	3,300	5,200	5,600	700	4,020	2,690	1,100	332	240
28	174	4,300	8,100	3,100	4,600	5,100	510	2,900	2,390	1,000	320	194
29	634	3,470	13,800	2,890	------	4,800	1,330	2,060	2,190	1,200	324	164
30	1,140	2,730	17,100	2,670	------	4,600	2,350	1,570	2,040	1,500	362	145
31	1,040	------	16,400	2,400	------	4,100	------	1,630	------	1,600	392	------
TOTAL	23,552	85,179	162,650	235,760	213,910	273,400	79,060	418,550	222,950	120,400	41,094	10,680
MEAN	760	2,839	5,247	7,605	7,640	8,819	2,635	13,500	7,432	3,884	1,326	356
MAX	2,320	6,370	17,100	14,400	22,000	26,000	4,730	44,900	32,200	10,000	3,400	754
MIN	174	776	1,610	2,400	1,940	2,600	510	1,570	1,020	1,000	320	145
CFSM	.40	1.50	2.76	4.00	4.02	4.64	1.39	7.11	3.91	2.05	.70	.19
IN.	.46	1.67	3.19	4.62	4.19	5.36	1.55	8.20	4.37	2.36	.81	.21
AC-FT	46,720	169,000	322,600	467,600	424,300	542,300	156,800	830,200	442,200	238,800	81,510	21,180

CAL YR 1974 TOTAL 309,511 MEAN 848 MAX 53,000 MIN 83 CFSM .45 IN 6.06 AC-FT 613,900
WTR YR 1975 TOTAL 1,887,185 MEAN 5,170 MAX 44,900 MIN 145 CFSM 2.72 IN 36.97 AC-FT 3,743,000

NOTE.--No gage-height record at base or at auxiliary gage Feb. 3 to Apr. 14.

07372200 Little River near Rochelle, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.98	12.32	19.59	33.92	21.71	27.62	30.13	28.69	27.53	24.14	--	9.60
2	11.79	11.62	18.39	33.47	21.26	27.04	30.42	28.79	27.36	23.95	--	9.57
3	11.69	11.38	17.71	33.28	--	26.56	30.35	29.04	27.14	23.88	--	9.15
4	11.73	11.34	17.32	33.01	--	27.08	29.91	30.11	26.90	23.88	--	8.66
5	11.85	11.36	17.05	32.60	--	28.21	29.34	32.58	26.62	23.88	--	8.40
6	11.91	11.55	17.84	32.17	--	28.78	28.79	36.55	26.36	23.69	--	8.39
7	11.78	11.65	23.11	31.81	--	29.01	28.35	38.50	26.15	23.33	--	8.83
8	11.33	11.92	24.96	31.67	--	29.03	28.24	39.10	26.11	--	21.72	8.43
9	10.46	12.29	25.23	31.37	--	28.89	28.62	38.87	26.10	--	22.69	8.09
10	9.47	12.92	25.11	31.14	--	28.57	29.20	38.18	26.21	--	23.30	7.77
11	8.70	17.15	24.94	31.20	--	28.05	29.40	37.25	29.67	--	23.31	7.55
12	8.18	19.84	25.07	31.36	--	27.36	29.39	36.24	36.58	--	22.47	7.39
13	7.80	19.83	24.85	31.72	--	27.67	29.35	35.21	37.41	--	20.47	7.49
14	7.61	19.09	24.30	32.21	--	29.54	29.34	34.23	36.69	--	18.60	7.78
15	14.94	18.14	24.99	32.47	--	33.58	29.53	33.60	35.73	--	16.29	7.79
16	19.27	17.17	26.49	32.36	--	36.39	29.84	33.10	34.64	--	14.20	8.27
17	17.87	18.90	27.23	31.99	--	36.22	30.11	32.57	33.49	--	12.72	9.93
18	15.35	22.32	27.60	31.52	--	35.79	30.29	32.11	32.42	29.13	11.66	11.26
19	13.50	24.23	27.91	31.00	--	35.32	30.31	31.58	31.54	28.48	10.72	11.73
20	11.95	26.17	28.02	30.39	--	34.82	30.19	31.12	30.71	--	10.09	11.47
21	10.26	27.73	27.82	29.74	--	33.97	29.99	30.90	29.87	--	9.90	11.05
22	9.20	28.95	27.39	29.02	--	33.40	29.81	30.77	29.01	--	9.64	10.58
23	8.68	29.62	27.09	28.24	--	32.58	29.63	30.71	28.17	--	9.63	9.91
24	8.31	29.71	27.97	27.41	--	31.79	29.41	30.56	27.42	--	9.47	9.25
25	7.96	29.33	28.46	26.49	--	31.06	29.15	30.25	26.78	--	9.14	8.79
26	7.62	28.60	28.98	25.56	--	30.42	28.87	29.77	26.18	--	8.88	8.42
27	7.34	27.59	29.68	24.77	--	29.84	28.60	29.20	25.66	--	8.77	8.00
28	7.16	26.10	31.33	24.08	--	29.34	28.34	28.68	25.18	--	8.67	7.62
29	10.39	23.86	33.75	23.49	------	29.34	28.17	28.29	24.76	--	8.70	7.34
30	13.80	21.41	34.64	22.92	------	29.69	28.42	27.99	24.31	--	9.02	7.15
31	13.56	------	34.48	22.33	------	29.88	------	27.71	------	--	9.27	------
MAX	19.27	29.71	34.64	33.92	--	36.39	30.42	39.10	37.41	--	23.31	11.73
MIN	7.16	11.34	17.05	22.33	--	26.56	28.17	27.71	24.31	--	8.67	7.15

RED RIVER BASIN
07373000 Big Creek at Pollock, La.
(Hydrologic bench-mark station)

LOCATION.--Lat 31°32'10", long 92°24'30", in SW¼SE¼ sec.31, T.7 N., R.1 W., Grant Parish, near right bank on downstream side of bridge on U. S. Highway 165, 0.5 mi (0.8 km) upstream from Sugar Branch, 0.6 mi (1.0 km) upstream from Missouri Pacific Railroad Co. bridge, 0.8 mi (1.3 km) upstream from water-supply diversion dam, 0.8 mi (1.3 km) north of Pollock, and 1.3 mi (2.1 km) downstream from Dyson Creek.

DRAINAGE AREA.--51 mi^2 (132 km^2).

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

GAGE.--Duplex water-stage recorder (rain gage, water stage, and water temperature combination), concrete control since July 16, 1964. Datum of gage is 76.69 ft (23.375 m) above mean sea level. Prior to Feb. 25, 1942, nonrecording gage, and Feb. 25, 1942, to June 21, 1955, water-stage recorder at site 0.3 mi (0.5 km) downstream at same datum, June 21, 1955, to May 18, 1964, water-stage recorder at present site and datum.

AVERAGE DISCHARGE.--33 years, 60.0 ft^3/s (1.699 m^3/s), 15.98 in/yr (406 mm/yr), 43,480 acre-ft/yr (53.6 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 8,760 ft^3/s (248 m^3/s) May 6 (gage height, 15.28 ft or 4.657 m); minimum, 14 ft^3/s (0.40 m^3/s) Oct. 10-13.
Period of record: Maximum discharge, 23,500 ft^3/s (665 m^3/s) Apr. 29, 1953 (gage height, 18.03 ft or 5.496 m, 16.90 ft or 5.151 m, site then in use); minimum, 3.7 ft^3/s (0.10 m^3/s) Sept. 29, 1956 (gage height, 1.08 ft or 0.329 m).
REVISIONS.--Figures of maximum discharge for the water years 1958 and 1966 have been revised to 8,800 ft^3/s (249 m^3/s) Apr. 26, 1958 (gage height, 15.14 ft or 4.615 m) and 13,700 ft^3/s (388 m^3/s) Feb. 10, 1966 (gage height, 17.50 ft or 5.334 m), superseding figures published in WSP 1561 and WRD LA, 1966.

REMARKS.--Records good. See following page for table of daily gage height. Supplementary recording rain gage 3.8 mi (6.1 km) northwest of gaging station since June 26, 1964. Records of chemical analyses, suspended-sediment loads, and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	33	34	78	53	56	73	116	69	65	205	43
2	16	30	30	69	95	53	63	69	59	52	95	35
3	15	28	29	103	73	52	56	381	52	46	103	30
4	15	54	28	101	231	359	52	1,220	48	42	121	29
5	15	56	28	71	189	247	49	341	62	39	205	31
6	15	33	30	63	85	103	48	3,740	69	36	186	30
7	16	29	450	127	60	83	46	1,360	52	35	76	31
8	15	30	100	257	54	71	56	1,040	231	40	56	34
9	15	35	58	99	53	63	114	337	175	54	49	35
10	14	40	40	292	48	78	146	139	261	52	43	32
11	14	157	37	309	54	71	130	105	241	114	41	34
12	14	57	70	127	103	66	80	89	166	56	38	28
13	14	39	50	127	65	353	60	78	93	45	36	28
14	15	34	40	89	53	338	93	226	69	39	35	27
15	500	31	160	76	73	114	99	405	76	36	33	26
16	150	41	80	69	858	91	66	148	71	35	32	46
17	50	85	50	63	558	130	57	101	57	35	31	65
18	30	57	45	62	148	567	54	81	50	34	30	37
19	25	68	47	59	101	260	50	73	46	85	29	33
20	23	83	44	59	83	107	48	65	46	47	29	29
21	22	49	42	52	75	89	45	62	45	39	29	29
22	21	39	41	49	71	80	45	56	52	52	29	27
23	21	35	40	49	157	76	43	52	87	52	30	26
24	20	32	900	56	107	75	43	49	57	41	37	25
25	20	34	300	59	75	62	41	52	49	37	33	25
26	20	31	160	52	66	57	39	54	43	35	40	25
27	19	30	355	49	62	56	36	49	42	32	30	25
28	20	29	410	47	59	56	37	53	43	33	30	25
29	266	29	279	46	------	143	71	229	49	60	29	25
30	103	36	130	45	------	134	130	366	48	46	48	25
31	40	------	95	45	------	76	------	103	------	41	99	------
TOTAL	1,559	1,364	4,202	2,849	3,709	4,166	1,970	11,239	2,508	1,455	1,907	940
MEAN	50.3	45.5	136	91.9	132	134	65.7	363	83.6	46.9	61.5	31.3
MAX	500	157	900	309	858	567	146	3,740	261	114	205	65
MIN	14	28	28	45	48	52	36	49	42	32	29	25
CFSM	.99	.89	2.67	1.80	2.59	2.63	1.29	7.12	1.64	.92	1.21	.61
IN.	1.14	.99	3.06	2.08	2.71	3.04	1.44	8.20	1.83	1.06	1.39	.69
AC-FT	3,090	2,710	8,330	5,650	7,360	8,260	3,910	22,290	4,970	2,890	3,780	1,860
(†)	4.80	5.05	8.54	2.83	5.88	5.95	4.91	14.68	6.13	3.83	5.09	2.98
(‡)	6.88	4.38	9.51	2.75	5.25	6.25	2.99	14.57	7.08	4.61	4.35	1.52

CAL YR 1974 TOTAL 29,395 MEAN 80.5 MAX 1,880 MIN 14 CFSM 1.58 IN 21.44 AC-FT 58,300
WTR YR 1975 TOTAL 37,868 MEAN 104 MAX 3,740 MIN 14 CFSM 2.04 IN 27.62 AC-FT 75,110

PEAK DISCHARGE (BASE, 650 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-24	unknown	9.44	1,150	5- 6	1430	15.28	8,760
2-17	0100	9.07	1,040	5-15	0130	7.42	659
3-18	0600	7.68	711	5-29	2330	7.40	655

† Precipitation, in inches, during month at rain gage at station. Total for calendar year 1974, 62.84 inches; total for water 1975, 70.67 inches.

‡ Precipitation, in inches, during month at rain gage upstream. Total for calendar year 1974, 57.92 inches; total for water year 1975, 70.14 inches.

07373000 Big Creek at Pollock, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	--	3.22	3.23	3.57	3.41	3.43	3.54	3.76	3.52	3.49	4.16	3.33
2	--	3.19	--	3.52	3.66	3.41	3.48	3.52	3.45	3.40	3.66	3.24
3	--	3.16	--	3.70	3.54	3.40	3.43	5.26	3.40	3.35	3.70	3.19
4	--	3.42	--	3.69	4.47	5.27	3.40	9.07	3.37	3.32	3.78	3.17
5	--	3.43	--	3.53	4.08	4.40	3.38	5.13	3.47	3.29	4.16	3.20
6	--	3.22	--	3.48	3.61	3.70	3.37	10.53	3.52	3.26	4.07	3.19
7	--	3.17	--	3.81	3.46	3.60	3.35	9.81	3.40	3.24	3.56	3.20
8	--	3.19	--	4.47	3.42	3.53	3.43	8.80	4.30	3.30	3.43	3.23
9	--	3.24	--	3.68	3.41	3.48	3.75	5.10	4.02	3.42	3.38	3.24
10	--	3.30	--	4.74	3.37	3.57	3.89	3.86	4.50	3.40	3.33	3.21
11	--	3.94	--	4.87	3.42	3.53	3.82	3.71	4.36	3.75	3.31	3.23
12	--	3.44	--	3.81	3.70	3.50	3.58	3.63	3.98	3.43	3.28	3.16
13	--	3.29	--	3.81	3.49	5.22	3.46	3.57	3.65	3.34	3.26	3.16
14	--	3.23	--	3.63	3.41	5.11	3.65	4.51	3.52	3.29	3.24	3.15
15	--	3.20	--	3.56	3.54	3.75	3.68	5.62	3.56	3.26	3.22	3.14
16	--	3.31	--	3.52	8.35	3.64	3.50	3.90	3.53	3.24	3.21	3.35
17	--	3.61	--	3.48	6.46	3.82	3.44	3.69	3.44	3.24	3.20	3.49
18	--	3.44	--	3.47	3.90	6.81	3.42	3.59	3.39	3.23	3.19	3.27
19	--	3.51	--	3.45	3.69	4.49	3.39	3.54	3.35	3.61	3.18	3.22
20	--	3.60	--	3.45	3.60	3.72	3.37	3.49	3.35	3.36	3.17	3.18
21	3.08	3.38	--	3.40	3.55	3.63	3.34	3.47	3.34	3.29	3.18	3.17
22	3.07	3.29	--	3.38	3.53	3.58	3.34	3.43	3.40	3.40	3.18	3.15
23	3.07	3.24	--	3.38	3.94	3.56	3.33	3.40	3.62	3.40	3.19	3.14
24	3.06	3.21	--	3.43	3.72	3.55	3.33	3.38	3.44	3.31	3.27	3.13
25	3.05	3.23	--	3.45	3.55	3.47	3.31	3.40	3.38	3.27	3.22	3.12
26	3.05	--	--	3.40	3.50	3.44	3.29	3.42	3.33	3.24	3.30	3.12
27	3.04	--	5.24	3.38	3.47	3.43	3.26	3.38	3.32	3.21	3.19	3.12
28	3.06	3.18	5.66	3.36	3.45	3.43	3.27	3.41	3.33	3.22	3.19	3.12
29	4.54	3.17	4.64	3.35	------	3.88	3.53	4.56	3.38	3.46	3.18	3.12
30	3.70	3.25	3.82	3.34	------	3.84	3.82	5.32	3.37	3.35	3.37	3.12
31	3.30	------	3.66	3.34	------	3.56	------	3.70	------	3.31	3.68	------
MAX	--	3.94	--	4.87	8.35	6.81	3.89	10.53	4.50	3.75	4.16	3.49
MIN	--	3.16	--	3.34	3.37	3.40	3.26	3.38	3.32	3.21	3.17	3.12

07373278 Lake St. John near Waterproof, La.

LOCATION.--Lat 31°42'00", long 91°27'30", in lot 47, T.8 N., R.10 E., Concordia Parish, at private fishing pier, 8.5 mi (13.7 km) southwest of Waterproof.

DRAINAGE AREA.--14.8 mi^2 (38.3 km^2).

PERIOD OF RECORD.--January 1967 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft (15.240 m) above mean sea level.

EXTREMES.--Current year: Maximum gage height, 7.88 ft (2.402) May 10; minimum, 3.29 (1.003 m) Oct. 28.
Period of record: Maximum gage height, 8.17 ft (2.490 m) May 13, 1973; minimum, 1.95 ft (0.594 m) Nov. 29, 1967.

REMARKS.--Crest of dam is at a gage height of 10.00 ft (3.040 m). Drawdown structure consists of two 4.0 ft (1.2 m) pipes with stoplog arrangement that can be varied from gage height of -2.10 ft (-0.064 m), invert of pipes, to 3.00 ft (0.914 m). Capacity not determined.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.66	3.33	3.40	4.45	4.47	4.77	4.93	5.02	5.68	4.59	3.82	3.64
2	3.64	3.32	3.38	4.41	4.48	4.73	4.89	5.08	5.60	4.59	3.79	3.63
3	3.62	3.32	3.37	4.44	4.45	4.69	4.84	5.15	5.53	4.58	3.81	3.61
4	3.59	3.31	3.36	4.43	4.46	4.79	4.79	5.63	5.45	4.55	4.06	3.58
5	3.58	3.39	3.35	4.41	4.45	4.80	4.75	5.85	5.38	4.50	4.11	3.72
6	3.56	3.37	3.43	4.38	4.42	4.78	4.71	6.06	5.38	4.46	4.13	3.77
7	3.55	3.34	3.93	4.35	4.39	4.75	4.68	6.70	5.31	4.41	4.11	3.83
8	3.53	3.34	4.03	4.50	4.34	4.73	4.64	7.54	5.41	4.44	4.09	3.82
9	3.52	3.33	4.06	4.52	4.35	4.68	4.71	7.71	5.38	4.41	4.05	3.81
10	3.50	3.32	4.07	4.56	4.30	4.65	4.71	7.87	5.47	4.36	4.01	3.79
11	3.49	3.46	4.09	4.83	4.28	4.63	4.72	7.85	5.60	4.34	3.97	3.76
12	3.48	3.46	4.08	4.87	4.30	4.59	4.68	7.78	5.60	4.29	3.95	3.73
13	3.47	3.43	4.06	4.84	4.27	4.75	4.65	7.68	5.57	4.31	3.91	3.69
14	3.46	3.44	4.05	4.82	4.25	4.93	4.66	7.56	5.49	4.26	3.88	3.64
15	3.48	3.39	4.07	4.79	4.23	4.96	4.69	7.49	5.50	4.22	3.86	3.62
16	3.45	3.38	4.05	4.77	4.74	4.94	4.69	7.35	5.48	4.18	3.83	3.60
17	3.43	3.45	4.06	4.74	4.98	4.92	4.66	7.22	5.39	4.14	3.79	3.87
18	3.42	3.44	4.01	4.72	5.06	5.09	4.64	7.08	5.32	4.10	3.77	3.89
19	3.42	3.45	4.00	4.69	5.10	5.14	4.66	6.94	5.25	4.06	3.74	3.88
20	3.39	3.52	3.98	4.68	5.10	5.16	4.64	6.82	5.18	4.02	3.72	3.87
21	3.37	3.51	3.96	4.63	5.07	5.13	4.63	6.70	5.11	3.98	3.69	3.83
22	3.35	3.50	3.95	4.59	5.04	5.11	4.61	6.58	5.05	3.94	3.67	3.78
23	3.34	3.49	3.92	4.56	5.05	5.07	4.59	6.46	4.99	3.91	3.68	3.73
24	3.33	3.48	4.19	4.53	4.99	5.21	4.58	6.33	4.93	3.88	3.65	--
25	3.32	3.49	4.27	4.60	4.93	5.19	4.56	6.22	4.87	3.85	3.64	--
26	3.32	3.46	4.29	4.60	4.88	5.16	4.54	6.12	4.81	3.84	3.68	--
27	3.30	3.45	4.41	4.57	4.84	5.09	4.52	6.02	4.79	3.87	3.67	--
28	3.29	3.45	4.46	4.55	4.81	5.05	4.48	5.92	4.74	3.85	3.65	--
29	3.34	3.43	4.48	4.53	------	5.03	4.46	5.88	4.68	3.84	3.63	--
30	3.34	3.45	4.48	4.52	------	5.03	4.72	5.83	4.63	3.83	3.60	--
31	3.34	------	4.47	4.49	------	4.98	------	5.76	------	3.81	3.65	------
MAX	3.66	3.52	4.48	4.87	5.10	5.21	4.93	7.87	5.68	4.59	4.13	3.89
MIN	3.29	3.31	3.35	4.35	4.23	4.59	4.46	5.02	4.63	3.81	3.60	--

07373280 Lake Concordia near Ferriday, La.

LOCATION.--Lat 31°40'25", long 91°30'05", in lot 33, T.8 N., R.9 E., Concordia Parish, at Louisiana Wildlife and Fisheries Commission pier, 3.5 mi (5.6 km) northeast of Ferriday.

DRAINAGE AREA.--8.91 mi^2 (23.08 km^2).

PERIOD OF RECORD.--January 1967 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 29.00 ft (8.839 m) above mean sea level.

EXTREMES.--Current year: Maximum gage height, about 25.30 ft (7.711 m) May 10; minimum, 20.92 ft (6.376 m) Oct. 27, 28.
Period of record: Maximum gage height, 26.33 ft (8.025 m) May 14, 1973; minimum, 19.87 ft (6.056 m) Dec. 9, 1967.

REMARKS.--Elevation of dam and capacity not determined. Drawdown structure consists of one 4.0 ft (1.2 m) pipe with stoplog that can be varied from gage height of 16.30 ft (4.968 m) to 26.30 ft (8.016 m). Invert of pipe is at gage height of 17.00 ft (5.182 m). Area of lake is 865 acres (3.65 km^2) at gage height 21.00 ft (6.401 m).

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.11	20.95	21.12	22.12	21.88	22.34	22.43	22.38	23.98	22.94	21.92	22.06
2	21.09	20.95	21.10	22.08	21.90	22.31	22.41	22.40	23.92	22.92	21.88	22.02
3	21.08	20.95	21.09	22.10	21.87	22.25	22.36	22.48	23.86	22.90	21.90	21.97
4	21.07	20.95	21.08	22.07	21.90	22.36	22.33	22.90	23.81	22.85	22.76	21.93
5	21.05	21.01	21.08	22.03	21.88	22.36	22.30	23.18	23.75	22.80	22.83	22.01
6	21.05	20.99	21.17	21.99	21.84	22.34	22.27	23.49	23.72	22.74	22.90	22.08
7	21.04	20.97	21.62	21.96	21.80	22.32	22.24	24.17	23.65	22.68	--	22.12
8	21.03	20.98	21.64	22.13	21.77	22.28	22.21	24.82	23.69	22.69	--	22.09
9	21.03	20.98	21.65	22.10	21.73	22.24	22.28	--	23.64	22.65	--	22.05
10	21.02	20.98	21.66	22.29	21.70	22.22	22.26	--	23.78	22.63	--	22.01
11	21.01	21.13	21.70	22.42	21.68	22.18	22.27	--	23.92	22.58	--	21.97
12	21.01	21.12	21.69	22.43	21.70	22.17	22.24	--	23.92	22.54	--	21.93
13	21.01	21.11	21.69	22.40	21.67	22.22	22.21	--	23.87	22.48	--	21.87
14	21.00	21.09	21.70	22.37	21.65	22.36	22.24	--	23.84	22.43	22.59	21.82
15	21.01	21.08	21.74	22.33	21.62	22.35	22.26	24.90	23.88	22.38	22.53	21.78
16	21.01	21.08	21.74	22.28	22.25	22.34	22.25	24.87	23.85	22.33	22.48	21.75
17	20.99	21.14	21.73	22.25	22.51	22.31	22.23	24.82	23.80	22.28	22.43	22.13
18	20.99	21.14	21.73	22.21	22.58	22.54	22.23	24.75	23.74	22.23	22.38	22.12
19	20.97	21.15	21.73	22.18	22.60	22.58	22.22	24.70	23.66	22.19	22.33	22.10
20	20.96	21.16	21.73	22.14	22.59	22.58	22.19	24.64	23.62	22.14	22.28	22.06
21	20.95	21.16	21.73	22.10	22.57	22.57	22.17	24.58	23.53	22.10	22.22	22.01
22	20.94	21.15	21.72	22.06	22.55	22.55	22.15	24.53	23.46	22.05	22.17	21.94
23	20.94	21.15	21.71	22.02	22.54	22.53	22.14	24.45	23.38	22.03	22.13	21.89
24	20.94	21.15	21.95	21.98	22.50	22.64	22.12	24.40	23.33	21.98	22.12	21.86
25	20.94	21.14	21.99	22.08	22.47	22.62	22.10	24.33	23.26	21.94	22.08	21.82
26	20.93	21.14	22.02	22.04	22.43	22.59	22.08	24.27	23.20	21.92	22.14	21.77
27	20.92	21.14	22.14	22.02	22.39	22.55	22.06	24.20	23.18	21.89	22.09	21.73
28	20.92	21.13	22.16	22.00	22.37	22.52	22.04	24.13	23.12	21.87	22.07	21.70
29	20.96	21.12	22.17	21.97	------	22.50	22.02	24.12	23.06	21.83	22.02	21.67
30	20.95	21.13	22.17	21.94	------	22.50	22.25	24.11	22.99	21.82	21.98	21.63
31	20.96	------	22.16	21.91	------	22.47	------	24.05	------	21.78	22.10	------
MAX	21.11	21.16	22.17	22.43	22.60	22.64	22.43	--	23.98	22.94	--	22.13
MIN	20.92	20.95	21.08	21.91	21.62	22.17	22.02	22.38	22.99	21.78	21.88	21.63

07375000 Tchefuncta River near Folsom, La.

LOCATION.--Lat 30°36'55", long 90°14'55", on line between SE¼NE¼ and SW¼NE¼ sec.13, T.5 S., R.9 E., St. Helena meridian, Tangipahoa Parish, near center of span on downstream side of bridge on State Highway 40, 1.2 mi (1.9 km) upstream from Bull Branch, and 3.6 mi (5.8 km) southwest of Folsom.

DRAINAGE AREA.--95.5 mi^2 (247.3 km^2), not including Bull Branch which has a drainage area of 7.5 mi^2 (19.4 km^2) at Highway 40. Total drainage area for extreme floods is 103 mi^2 (267 km^2).

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944 monthly discharge only, published in WSP 1311. Prior to October 1954, published as Chefuncte River near Folsom.

GAGE.--Water-stage recorder. Datum of gage is 62.11 ft (18.931 m) above mean sea level (Louisiana Geodetic Survey bench mark). Prior to June 9, 1944, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--32 years, 161 ft^3/s (4.560 m^3/s), 22.89 in/yr (581 mm/yr).

EXTREMES.--Current year: Maximum discharge, 7,150 ft^3/s (202 m^3/s) Apr. 15, gage height, 19.78 ft (6.029 m); minimum daily discharge, 42 ft^3/s (1.19 m^3/s) Oct. 22-27.
Period of record: Maximum discharge, 29,200 ft^3/s (827 m^3/s) May 3, 1953, gage height, 22.26 ft (6.785 m), from rating curve extended above 12,400 ft^3/s (351 m^3/s) by contracted-opening measurement at gage height 22.10 ft (6.736 m); minimum discharge, 26 ft^3/s (0.74 m^3/s) Sept. 14, 15, 1968; minimum gage height, 4.80 ft (1.463 m) Oct. 5, 6, 1970.

REMARKS.--Records good, except those for periods of no gage-height record, which are fair. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1057: 1944(M), 1945. WSP 1281: 1953(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	60	138	74	121	84	99	1,300	152	330	146	82
2	54	54	110	70	111	84	84	964	95	260	191	74
3	52	50	85	68	104	81	80	497	78	230	179	71
4	51	48	74	72	100	93	78	253	72	300	197	70
5	50	47	69	74	142	236	73	220	68	230	263	110
6	49	46	69	68	128	317	70	188	66	150	255	171
7	48	45	180	68	100	167	67	461	68	130	177	141
8	48	45	442	590	88	121	69	2,160	150	120	120	155
9	47	47	426	2,670	84	103	105	1,530	300	110	109	137
10	47	48	172	1,190	81	90	128	790	800	102	131	107
11	46	74	128	986	79	85	159	383	1,800	99	148	94
12	46	142	141	1,020	81	83	153	206	1,600	103	115	82
13	46	91	127	701	82	94	103	165	1,400	104	102	134
14	46	63	103	724	77	243	886	151	600	90	100	313
15	60	56	94	395	75	372	5,090	171	350	85	107	118
16	80	55	114	223	78	303	1,330	191	300	82	94	103
17	60	56	115	175	102	606	565	138	400	79	106	109
18	50	72	94	151	300	816	250	109	300	85	130	146
19	46	82	84	134	506	1,340	173	97	160	90	178	137
20	44	118	89	128	179	906	138	89	120	85	103	95
21	44	527	131	125	122	394	125	84	90	97	87	82
22	42	846	117	111	103	200	606	79	70	135	84	76
23	42	276	94	100	96	158	468	76	66	171	97	73
24	42	115	85	94	175	136	163	74	80	187	108	72
25	42	93	86	155	277	122	120	72	100	112	94	70
26	42	84	101	1,230	130	99	104	70	130	85	88	68
27	42	76	111	754	101	91	93	69	170	124	168	66
28	45	71	96	319	90	85	86	82	220	127	163	65
29	60	67	87	189	------	82	326	93	270	93	95	64
30	120	93	82	155	------	87	998	132	290	81	111	63
31	80	------	78	136	------	106	------	255	------	88	90	------
TOTAL	1,626	3,547	3,922	12,949	3,712	7,784	12,789	11,149	10,365	4,164	4,136	3,148
MEAN	52.5	118	127	418	133	251	426	360	346	134	133	105
MAX	120	846	442	2,670	506	1,340	5,090	2,160	1,800	330	263	313
MIN	42	45	69	68	75	81	67	69	66	79	84	63
CFSM	.55	1.24	1.33	4.38	1.39	2.63	4.46	3.77	3.62	1.40	1.39	1.10
IN.	.63	1.38	1.53	5.04	1.45	3.03	4.98	4.34	4.04	1.62	1.61	1.23

CAL YR 1974 TOTAL 74,115 MEAN 203 MAX 4,560 MIN 42 CFSM 2.13 IN 28.87
WTR YR 1975 TOTAL 79,291 MEAN 217 MAX 5,090 MIN 42 CFSM 2.27 IN 30.89

PEAK DISCHARGE (BASE, 1,300 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1- 9	1015	17.66	3,340	5- 1	1430	14.82	1,400
1-26	1045	15.47	1,630	5-08	1700	17.26	2,890
3-19	1400	14.92	1,430	6-11	unknown	unknown	about 2,400
4-15	0500	19.78	7,150				

NOTE.--No gage-height record Oct. 1 to Nov. 5, June 3 to July 9.

07375000 Tchefuncta River near Folsom, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	--	--	6.97	5.94	6.73	6.11	6.37	14.50	7.15	--	7.08	6.08
2	--	--	6.55	5.88	6.57	6.11	6.11	13.17	6.30	--	7.67	5.95
3	--	--	6.12	5.84	6.45	6.06	6.05	10.38	--	--	7.52	5.89
4	--	--	5.95	5.91	6.38	6.24	6.01	8.37	--	--	7.75	5.88
5	--	--	5.84	5.95	7.02	8.15	5.92	8.01	--	--	8.47	6.55
6	--	5.44	5.85	5.83	6.83	8.98	5.86	7.64	--	--	8.39	7.43
7	--	5.42	7.48	5.84	6.39	7.36	5.82	9.69	--	--	7.50	7.01
8	--	5.42	10.00	10.23	6.19	6.73	5.85	16.26	--	--	6.71	7.21
9	--	5.45	9.87	16.98	6.11	6.43	6.45	15.04	--	--	6.54	6.95
10	--	5.47	7.42	14.07	6.07	6.22	6.83	12.32	--	6.42	6.87	6.50
11	--	5.93	6.83	13.33	6.04	6.13	7.26	9.51	--	6.37	7.12	6.28
12	--	7.03	7.02	13.46	6.07	6.10	7.20	7.86	--	6.44	6.64	6.08
13	--	6.24	6.82	11.85	6.09	6.26	6.43	7.35	--	6.45	6.42	6.86
14	--	5.74	6.43	12.00	6.00	8.23	9.89	7.16	--	6.22	6.38	8.88
15	--	5.62	6.29	9.61	5.96	9.45	18.65	7.42	--	6.13	6.50	6.68
16	--	5.60	6.62	8.03	6.02	8.82	14.37	7.67	--	6.09	6.28	6.43
17	--	5.61	6.63	7.47	6.42	11.22	10.86	6.97	--	6.04	6.49	6.54
18	--	5.90	6.28	7.15	8.75	12.44	8.32	6.54	--	6.14	6.86	7.08
19	--	6.07	6.11	6.92	10.45	14.62	7.45	6.34	--	6.22	7.50	6.96
20	--	6.68	6.20	6.83	7.50	12.87	6.97	6.20	--	6.14	6.44	6.30
21	--	10.40	6.87	6.79	6.74	9.58	6.79	6.11	--	6.33	6.16	6.08
22	--	12.57	6.67	6.56	6.44	7.79	10.89	6.04	--	6.93	6.12	5.98
23	--	8.48	6.28	6.38	6.31	7.25	10.11	5.99	--	7.43	6.33	5.92
24	--	6.64	6.13	6.29	7.42	6.94	7.32	5.94	--	7.62	6.52	5.91
25	--	6.27	6.15	7.18	8.59	6.74	6.73	5.90	--	6.59	6.28	5.87
26	--	6.11	6.40	13.89	6.85	6.32	6.46	5.87	--	6.13	6.19	5.83
27	--	5.99	6.57	12.10	6.40	6.24	6.27	5.85	--	6.77	7.36	5.80
28	--	5.89	6.32	8.96	6.21	6.13	6.15	6.07	--	6.81	7.28	5.78
29	--	5.81	6.17	7.64	------	6.08	8.64	6.27	--	6.27	6.30	5.76
30	--	6.25	6.08	7.20	------	6.17	13.38	6.86	--	6.06	6.57	5.75
31	--	------	6.01	6.93	------	6.49	------	8.39	------	6.18	6.22	------
MEAN			6.68	8.68	6.75	7.75	8.05	8.31			6.85	6.41
MAX	--	12.57	10.00	16.98	10.45	14.62	18.65	16.26	--	--	8.47	8.88
MIN	--	5.42	5.84	5.83	5.96	6.06	5.82	5.85	--	6.04	6.12	5.75

07375500 Tangipahoa River at Robert, La.

LOCATION.--Lat 30°30'23", long 90°21'42", in lot 39, T.6 S., R.8 E., St. Helena meridian, Tangipahoa Parish, near left bank on downstream side of bridge on U.S. Highway 190, 1.2 mi (1.9 km) west of Robert, 2.8 mi (4.5 km) downstream from Chappepeela Creek, and 6.0 mi (9.7 km) east of Hammond.

DRAINAGE AREA.--646 mi^2 (1,673 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 6.87 ft (2.094 m) above mean sea level. Prior to Nov. 25, 1939, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--37 years, 1,117 ft^3/s (31.63 m^3s), 23.48 in/yr (596 mm/yr).

EXTREMES.--Current year: Maximum discharge, 15,700 ft^3/s (445 m^3/s) Apr. 15, gage height, 18.04 ft (5.499 m); minimum, 399 ft^3/s (11.3 m^3/s) Oct. 27, gage height, 5.75 ft (1.753 m).
Period of record: Maximum discharge, 50,500 ft^3/s (1,430 m^3/s) May 3, 1953, gage height, 23.13 ft (7.050 m); minimum discharge, 245 ft^3/s (6.94 m^3/s) Oct. 30 to Nov. 3, 1968; minimum gage height, 2.95 ft (0.899 m) Oct. 25, 1939.
Flood in 1921 reached a stage of 27.1 ft (8.26 m), from floodmark.

REMARKS.--Records good except for the period of no gage-height record, which are fair. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	439	543	791	774	1,150	620	848	3,940	944	1,420	1,460	960
2	434	475	868	729	1,090	600	740	4,680	742	1,750	1,680	852
3	426	448	720	694	1,030	600	701	2,850	651	2,040	2,720	791
4	421	435	624	673	1,000	680	686	1,990	604	1,640	3,670	758
5	419	429	569	662	1,010	1,500	703	2,170	582	1,830	3,460	892
6	416	423	566	652	952	2,300	695	2,520	576	1,670	3,080	1,010
7	415	422	1,700	688	834	1,300	653	3,940	585	1,150	2,560	1,240
8	412	423	3,400	4,070	776	950	649	8,110	986	933	1,910	1,610
9	410	425	2,920	11,900	746	750	866	12,000	4,210	836	1,590	1,450
10	409	426	1,900	13,500	724	670	1,440	13,600	9,550	799	1,870	1,090
11	410	661	1,360	10,800	710	620	1,240	8,760	9,380	909	1,760	941
12	414	614	1,150	9,980	710	600	1,270	3,330	11,400	868	1,470	1,280
13	412	576	1,080	9,610	769	640	1,030	2,170	7,690	776	1,330	1,700
14	412	492	968	7,550	711	800	2,360	1,600	4,140	726	1,380	1,290
15	695	462	913	3,590	684	1,000	13,400	1,520	2,520	684	1,140	995
16	600	449	1,490	2,240	733	1,500	10,600	1,600	2,040	658	1,710	1,030
17	480	471	1,460	1,810	1,490	2,500	4,270	1,380	2,220	639	3,540	1,180
18	445	511	1,070	1,580	3,170	3,500	2,150	1,170	1,860	627	2,080	2,610
19	426	516	908	1,410	2,810	9,000	1,610	1,040	2,120	703	1,610	3,270
20	418	764	945	1,290	1,300	10,000	1,310	942	1,890	1,070	1,210	2,670
21	413	1,810	961	1,250	1,000	8,000	1,190	846	1,520	1,150	1,420	1,640
22	410	1,890	885	1,200	900	5,000	1,590	779	1,220	803	1,320	1,130
23	407	1,270	806	1,170	800	3,000	1,570	728	1,250	1,220	1,130	989
24	404	846	763	1,130	1,300	1,900	1,160	693	1,260	1,180	1,120	935
25	404	674	818	2,100	2,000	1,400	992	666	1,340	905	1,180	859
26	403	604	1,160	3,390	1,100	1,100	904	648	1,540	795	1,110	792
27	402	573	1,300	2,820	750	962	837	694	1,880	973	1,060	752
28	403	535	1,220	1,740	660	858	787	677	3,740	1,060	949	723
29	423	512	1,050	1,440	------	796	1,220	691	2,370	825	1,080	701
30	997	735	923	1,360	------	891	1,970	1,050	1,580	1,160	1,430	685
31	803	------	835	1,230	------	944	------	1,200	------	1,990	1,150	------
TOTAL	14,382	19,414	36,123	103,032	30,909	64,981	59,441	87,984	82,390	33,789	54,179	36,825
MEAN	464	647	1,165	3,324	1,104	2,096	1,981	2,838	2,746	1,090	1,748	1,228
MAX	997	1,890	3,400	13,500	3,170	10,000	13,400	13,600	11,400	2,040	3,670	3,270
MIN	402	422	566	652	660	600	649	648	576	627	949	685
CFSM	.72	1.00	1.80	5.15	1.71	3.24	3.07	4.39	4.25	1.69	2.71	1.90
IN.	.83	1.12	2.08	5.93	1.78	3.74	3.42	5.07	4.74	1.95	3.12	2.12

CAL YR 1974 TOTAL 535,843 MEAN 1,468 MAX 27,900 MIN 402 CFSM 2.27 IN 30.86
WTR YR 1975 TOTAL 623,449 MEAN 1,708 MAX 13,600 MIN 402 CFSM 2.64 IN 35.90

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1- 9	2145	17.71	14,300	5- 2	0415	14.50	5,600
3-20	unknown	unknown	about 11,000	5-10	1130	17.62	14,000
4-15	1200	18.04	15,700	6-12	1400	17.09	12,000

NOTE.--No gage-height record Feb. 20 to Mar. 26.

07375500 Tangipahoa River at Robert, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.95	6.37	7.24	6.78	8.00	--	7.15	13.60	7.95	9.15	9.23	7.32
2	5.92	6.10	7.50	6.65	7.82	--	6.83	14.17	7.38	9.97	9.79	7.01
3	5.89	5.99	7.00	6.54	7.66	--	6.71	12.17	7.09	10.67	12.08	6.83
4	5.86	5.93	6.67	6.40	7.58	--	6.67	10.25	6.92	9.69	13.39	6.74
5	5.86	5.91	6.47	6.44	7.59	--	6.72	10.72	6.83	10.18	13.18	7.13
6	5.84	5.88	6.46	6.40	7.44	--	6.69	11.57	6.81	9.78	12.70	7.48
7	5.83	5.87	9.54	6.51	7.11	--	6.56	13.34	6.85	8.39	11.66	8.16
8	5.81	5.88	12.50	12.61	6.94	--	6.54	15.79	8.02	7.75	10.06	9.23
9	5.80	5.88	11.83	16.98	6.85	--	7.19	17.05	13.46	7.43	9.18	8.80
10	5.80	5.89	9.44	17.48	6.78	--	8.77	17.52	16.29	7.36	9.95	7.73
11	5.80	6.79	8.42	16.70	6.74	--	8.27	15.98	16.24	7.68	9.64	7.26
12	5.82	6.64	7.87	16.44	6.74	--	8.33	12.77	16.88	7.56	8.83	8.27
13	5.82	6.50	7.66	16.32	6.92	--	7.68	11.05	15.59	7.29	8.42	9.50
14	5.81	6.17	7.33	15.57	6.74	--	10.17	9.72	13.79	7.14	8.53	8.33
15	6.86	6.05	7.18	13.07	6.66	--	17.39	9.52	11.68	7.01	7.83	7.42
16	6.57	5.99	8.75	10.79	6.81	--	16.60	9.71	10.68	6.92	9.21	7.52
17	6.12	6.09	8.68	9.73	8.81	--	13.64	9.16	11.10	6.85	13.31	7.99
18	5.97	6.25	7.64	9.12	12.67	--	10.56	8.59	10.24	6.80	10.50	11.71
19	5.89	6.27	7.17	8.69	12.34	--	9.20	8.22	10.86	7.07	9.25	12.99
20	5.84	7.13	7.27	8.40	--	--	8.44	7.94	10.33	8.17	8.11	11.90
21	5.82	9.88	7.31	8.28	--	--	8.11	7.68	9.39	8.40	8.71	9.31
22	5.81	10.09	7.10	8.15	--	--	9.14	7.49	8.59	7.37	8.44	7.87
23	5.78	8.65	6.88	8.07	--	--	9.09	7.34	8.69	8.57	7.86	7.40
24	5.77	7.42	6.75	7.95	--	--	8.04	7.23	8.72	8.48	7.83	7.24
25	5.77	6.85	6.91	10.33	--	--	7.55	7.14	8.90	7.67	8.02	7.03
26	5.77	6.60	7.87	13.09	--	--	7.30	7.08	9.46	7.35	7.80	6.84
27	5.76	6.49	8.27	11.93	--	7.47	7.11	7.21	10.25	7.87	7.62	6.72
28	5.76	6.34	8.06	9.55	--	7.17	6.97	7.17	13.45	8.12	7.28	6.63
29	5.88	6.25	7.59	8.77	------	7.00	8.20	7.21	11.35	7.44	7.68	6.56
30	7.78	7.05	7.21	8.58	------	7.27	10.08	8.25	9.53	8.40	8.75	6.51
31	7.27	------	6.96	8.24	------	7.42	------	8.69	------	10.55	7.92	------
MAX	7.78	10.09	12.50	17.48	--	--	17.39	17.52	16.88	10.67	13.39	12.99
MIN	5.76	5.87	6.46	6.40	--	--	6.54	7.08	6.81	6.80	7.28	6.51

07376000 Tickfaw River at Holden, La.

LOCATION.--Lat 30°30'13", long 91°40'38", in sec.26, T.7 S., R.5 E., St. Helena meridian, Livingston Parish, near left bank on downstream side of bridge on U.S. Highway 190, 0.5 mi (0.8 km) west of Holden, and 5.1 mi (8.2 km) upstream from Big Branch.

DRAINAGE AREA.--247 mi^2 (640 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 19.15 ft (5.837 m) above mean sea level. Prior to Sept. 13, 1944, nonrecording gage, Sept. 14, 1944, to June 14, 1949, water-stage recorder, June 15, 1949, to Dec. 9, 1949, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--35 years, 361 ft^3/s (10.22 m^3/s), 19.85 in/yr (504 mm/yr).

EXTREMES.--Current year: Maximum discharge, 6,020 ft^3/s (170 m^3/s) Jan. 10, gage height, 16.41 ft (5.002 m); minimum, 90 ft^3/s (2.55 m^3/s) Oct. 23, 24, 25, 26, 27, 28, 29, gage height, 1.46 ft (0.445 m).
Period of record: Maximum discharge, 19,000 ft^3/s (538 m^3/s) May 23, 1974, gage height, 20.37 ft (6.201 m); minimum discharge, 65 ft^3/s (1.84 m^3/s) Oct. 1, 2, 3, 4, 1969; minimum gage height, 1.32 ft (0.402 m) Sept. 4, 1968.

REMARKS.--Records good. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WSP 1711: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	105	202	166	208	321	251	237	1,470	359	566	541	194
2	104	146	235	190	297	233	224	1,630	285	396	597	185
3	103	128	267	178	277	221	213	1,680	249	371	1,010	172
4	101	121	211	167	263	269	211	1,000	233	403	1,340	164
5	100	114	176	159	251	480	197	706	228	503	1,580	160
6	100	110	171	154	240	684	185	711	227	390	1,230	164
7	100	106	362	224	230	676	177	679	226	288	1,130	191
8	98	107	751	1,430	220	507	179	874	228	244	778	175
9	97	107	841	2,350	215	372	189	1,670	512	222	458	191
10	96	108	634	5,110	215	316	259	4,840	1,010	213	378	191
11	95	126	409	5,090	210	281	379	3,560	2,700	287	354	189
12	94	126	308	4,300	210	256	395	2,230	3,390	266	303	203
13	94	143	278	3,930	207	252	307	1,010	2,710	211	276	215
14	93	134	262	3,260	237	426	1,080	734	1,500	194	249	171
15	94	122	247	2,620	210	458	2,510	625	662	182	251	161
16	94	114	322	1,320	216	563	3,200	490	491	175	299	179
17	102	126	577	648	356	812	2,990	423	548	169	537	210
18	102	130	524	498	705	936	1,890	390	608	169	729	202
19	98	124	328	414	744	1,300	729	356	513	176	379	355
20	94	168	277	363	758	1,550	432	327	358	204	287	708
21	93	346	252	333	569	1,250	348	307	312	209	322	1,090
22	92	504	230	309	376	1,140	668	291	274	207	298	603
23	91	455	212	286	334	690	779	275	250	199	259	311
24	91	268	197	293	381	406	414	264	235	199	242	254
25	91	193	192	840	483	353	314	254	228	177	234	221
26	91	162	262	801	373	335	269	245	299	162	228	200
27	91	150	468	559	314	301	239	238	409	167	210	186
28	91	146	397	421	277	268	212	233	437	223	194	175
29	92	141	318	364	------	242	306	236	431	271	193	165
30	100	163	266	377	------	231	502	266	530	284	235	159
31	332	------	232	355	------	290	------	313	------	534	245	------
TOTAL	3,219	5,090	10,372	37,551	9,489	16,349	20,034	28,327	20,442	8,261	15,366	7,744
MEAN	104	170	335	1,211	339	527	668	914	681	266	496	258
MAX	332	504	841	5,110	758	1,550	3,200	4,840	3,390	566	1,580	1,090
MIN	91	106	166	154	207	221	177	233	226	162	193	159
CFSM	.42	.69	1.36	4.90	1.37	2.13	2.70	3.70	2.76	1.08	2.01	1.04
IN.	.48	.77	1.56	5.66	1.43	2.46	3.02	4.27	3.08	1.24	2.31	1.17

CAL YR 1974 TOTAL 182,286 MEAN 499 MAX 12,300 MIN 91 CFSM 2.02 IN 27.45
WTR YR 1975 TOTAL 182,244 MEAN 499 MAX 5,110 MIN 91 CFSM 2.02 IN 27.45

PEAK DISCHARGE (BASE, 2,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-10	1745	16.41	6,020	5-10	1215	16.08	5,630
4-16	1915	13.14	3,320	6-12	0315	13.61	3,590

07376000 Tickfaw River at Holden, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.60	2.30	2.06	2.46	2.92	2.48	2.49	8.44	2.85	4.45	4.31	2.10
2	1.60	1.87	2.53	2.33	2.77	2.36	2.40	8.97	2.39	3.49	4.62	2.03
3	1.59	1.70	2.74	2.25	2.65	2.29	2.33	9.12	2.17	3.33	6.67	1.94
4	1.57	1.62	2.37	2.16	2.56	2.59	2.31	6.64	2.06	3.51	7.99	1.89
5	1.56	1.58	2.13	2.10	2.48	3.90	2.22	5.26	2.03	4.10	8.80	1.85
6	1.56	1.56	2.09	2.06	--	5.06	2.13	5.28	2.02	3.44	7.56	1.88
7	1.56	1.55	3.30	2.49	--	5.01	2.08	5.12	2.02	2.78	7.22	2.08
8	1.54	1.56	5.36	8.19	--	4.06	2.09	6.06	2.03	2.46	5.56	1.97
9	1.53	1.56	5.87	10.97	--	3.26	2.16	9.01	3.63	2.29	3.80	2.08
10	1.52	1.57	4.73	15.33	--	2.89	2.63	15.15	6.16	2.23	3.31	2.08
11	1.51	1.74	3.58	15.48	--	2.67	3.45	13.49	11.69	2.76	3.16	2.06
12	1.50	1.74	3.00	14.62	--	2.51	3.55	10.63	13.23	2.61	2.80	2.16
13	1.50	1.88	2.81	14.11	2.19	2.48	2.97	6.16	11.83	2.22	2.63	2.23
14	1.49	1.80	2.71	12.99	2.39	3.57	6.43	4.77	8.43	2.10	2.46	1.93
15	1.50	1.70	2.62	11.63	2.21	3.78	11.37	4.22	4.98	2.02	2.47	1.86
16	1.50	1.63	3.06	7.79	2.25	4.37	12.87	3.55	4.03	1.96	2.78	1.99
17	1.58	1.74	4.44	4.75	3.12	5.77	12.46	3.20	4.35	1.92	4.23	2.21
18	1.58	1.77	4.19	4.22	5.17	6.36	9.68	3.02	4.68	1.92	5.34	2.16
19	1.54	1.72	3.22	3.78	5.39	7.84	5.34	2.83	4.15	1.97	3.31	3.14
20	1.50	2.07	2.91	3.50	5.47	8.71	3.82	2.66	3.24	2.17	2.70	5.21
21	1.49	3.19	2.75	3.32	4.40	7.67	3.32	2.54	2.94	2.20	2.94	7.03
22	1.48	4.08	2.60	3.18	3.29	7.26	5.02	2.43	2.68	2.19	2.78	4.62
23	1.47	3.82	2.48	3.03	3.02	5.14	5.61	2.34	2.51	2.13	2.53	2.89
24	1.46	2.75	2.38	3.06	3.32	3.62	3.71	2.26	2.40	2.13	2.41	2.50
25	1.47	2.25	2.34	5.89	3.92	3.29	3.10	2.20	2.35	1.97	2.36	2.28
26	1.47	2.03	2.81	5.70	3.27	3.16	2.79	2.14	2.83	1.87	2.32	2.14
27	1.47	1.94	3.99	4.35	2.98	2.93	2.58	2.10	3.56	1.91	2.21	2.04
28	1.46	1.91	3.62	3.56	2.65	2.69	2.43	2.06	3.73	2.31	2.10	1.96
29	1.48	1.87	3.16	3.21	------	2.52	3.07	2.08	3.69	2.65	2.09	1.89
30	1.55	2.04	2.83	3.30	------	2.45	4.27	2.28	4.25	2.74	2.37	1.85
31	3.20	------	2.62	3.15	------	2.84	------	2.57	------	4.27	2.43	------
MAX	3.20	4.08	5.87	15.48	5.47	8.71	12.87	15.15	13.23	4.45	8.80	7.03
MIN	1.46	1.55	2.06	2.06	--	2.29	2.08	2.06	2.02	1.87	2.09	1.85

07376500 Natalbany River at Baptist, La.

LOCATION.--Lat 30°30'15", long 90°32'45", in NE¼NW¼ sec.30, T.6 S., R.7 E., St. Helena meridian, Tangipahoa Parish, near right bank on downstream side of bridge on U.S. Highway 190, 0.7 mi (1.1 km) downstream from Still Branch, and 0.7 mi (1.1 km) west of Baptist.

DRAINAGE AREA.--79.5 mi^2 (205.9 km^2).

PERIOD OF RECORD.--August 1943 to current year.

GAGE.--Water-stage recorder. Datum of gage is 11.28 ft (3.438 m) above mean 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 (30 m) upstream at same datum.

AVERAGE DISCHARGE.--32 years, 114 ft^3/s (3.23 m^3/s), 1947 in/yr (495 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,780 ft^3/s (107 m^3/s), gage height, 15.23 ft (4.642 m); minimum, 7.0 ft^3/s (0.198 m^3/s) Nov. 5; minimum gage height, 3.09 ft (0.942 m) Feb. 15.

Period of record: Maximum discharge, 9,550 ft^3/s (270 m^3/s) May 3, 1953, gage height, 19.73 ft (6.014 m); minimum discharge, 1.8 ft^3/s (0.051 m^3/s) Nov. 2-5, 1963; minimum gage height, 2.88 ft (0.878 m) Sept. 2, 1973.

REMARKS.--Records good except those for period of no gage-height record, which are fair. See following page for table of daily gage height. Records of water temperatures for water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1057: 1943.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.4	7.5	80	30	56	27	45	1,500	60	231	785	27
2	8.4	7.4	50	28	49	23	40	515	39	162	449	24
3	8.2	7.7	35	26	44	20	38	203	31	245	342	22
4	8.2	7.6	24	25	45	200	40	160	28	424	407	21
5	8.2	7.3	50	22	40	341	36	133	28	272	384	23
6	8.1	7.4	150	20	33	153	35	97	28	80	292	77
7	8.0	7.3	400	206	29	77	34	78	27	51	162	170
8	8.0	7.5	250	2,410	27	51	37	832	193	45	88	67
9	8.0	7.6	130	2,300	25	42	45	1,330	212	44	88	32
10	8.0	7.6	70	1,530	23	38	51	768	99	36	221	28
11	7.8	120	130	1,280	23	34	103	246	1,260	150	119	27
12	7.9	80	61	1,150	25	33	82	192	890	66	73	24
13	7.9	50	45	828	22	114	47	284	251	33	59	50
14	7.9	30	37	423	21	274	1,450	169	108	46	51	27
15	82	25	56	183	22	175	3,430	136	73	30	82	91
16	12	20	75	106	69	727	1,740	81	90	25	64	273
17	8.7	30	65	75	276	425	341	69	67	47	155	192
18	8.0	60	42	60	320	1,320	163	55	49	47	108	56
19	7.9	100	35	49	145	835	106	48	43	158	60	31
20	7.8	250	117	47	92	362	78	42	36	294	99	27
21	7.7	450	71	43	67	156	158	39	34	98	369	25
22	7.6	200	44	35	55	95	490	36	30	109	214	21
23	7.6	120	35	29	68	70	199	34	33	287	92	21
24	7.6	70	31	33	109	55	92	32	28	72	126	20
25	7.4	45	36	1,190	81	48	64	31	33	39	70	18
26	7.4	35	92	503	53	46	51	29	28	33	41	18
27	7.5	26	84	211	44	41	47	33	601	54	32	18
28	7.5	22	55	124	33	39	44	29	236	37	33	18
29	8.0	50	44	89	------	37	225	28	502	242	40	17
30	8.2	130	38	73	------	39	651	221	289	378	39	17
31	7.8	------	33	66	------	69	------	128	------	1,030	31	------
TOTAL	323.7	1,987.9	2,465	13,194	1,896	5,966	9,962	7,578	5,426	4,865	5,175	1,482
MEAN	10.4	66.3	79.5	426	67.7	192	332	244	181	157	167	49.4
MAX	82	450	400	2,410	320	1,320	3,430	1,500	1,260	1,030	785	273
MIN	7.4	7.3	24	20	21	20	34	28	27	25	31	17
CFSM	.13	.83	1.00	5.36	.85	2.42	4.18	3.07	2.28	1.97	2.10	.62
IN.	.15	.93	1.15	6.17	.89	2.79	4.66	3.55	2.54	2.28	2.42	.69

CAL YR 1974 TOTAL 59,182.9 MEAN 162 MAX 6,000 MIN 7.3 CFSM 2.04 IN 27.69
WTR YR 1975 TOTAL 60,320.6 MEAN 165 MAX 3,430 MIN 7.3 CFSM 2.08 IN 28.23

PEAK DISCHARGE (BASE, 1,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1- 8	1930	14.18	2,870	5- 1	0245	12.78	1,990
1-25	1645	11.52	1,480	5- 9	0100	11.79	1,560
3-18	1545	11.68	1,520	6-11	2045	11.84	1,580
4-15	1200	15.23	3,780				

NOTE.--No gage-height record Nov. 11 to Dec. 11.

07376500 Natalbany River at Baptist, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.15	3.13	--	3.49	3.63	3.30	3.68	11.36	3.81	5.44	8.65	3.55
2	3.17	3.13	--	3.44	3.53	3.26	3.54	7.25	3.50	4.92	6.93	3.49
3	3.17	3.14	--	3.42	3.47	3.22	3.49	5.23	3.36	5.55	6.24	3.47
4	3.17	3.13	--	3.38	3.48	4.88	3.55	4.88	3.31	6.56	6.62	3.44
5	3.17	3.12	--	3.32	3.41	6.22	3.45	4.64	3.29	5.68	6.52	3.48
6	3.17	3.13	--	3.30	3.31	4.88	3.39	4.27	3.29	4.12	5.90	4.01
7	3.16	3.12	--	4.61	3.25	4.18	3.36	4.05	3.28	3.72	4.91	5.04
8	3.16	3.13	--	13.45	3.21	3.82	3.45	8.51	4.87	3.63	4.22	4.11
9	3.16	3.14	--	13.32	3.18	3.61	3.68	10.97	5.28	3.62	4.20	3.65
10	3.16	3.14	--	11.55	3.15	3.49	3.77	8.50	4.26	3.48	5.38	3.56
11	3.15	--	--	10.69	3.14	3.38	4.44	5.56	10.56	4.68	4.53	3.55
12	3.15	--	3.98	10.26	3.18	3.34	4.23	5.07	8.97	3.92	4.03	3.51
13	3.15	--	3.75	8.84	3.12	4.18	3.72	5.75	5.59	3.42	3.85	3.91
14	3.15	--	3.61	6.72	3.10	5.77	9.59	4.92	4.42	3.64	3.75	3.55
15	4.12	--	3.90	5.11	3.12	5.04	14.86	4.65	4.04	3.35	4.14	3.99
16	3.29	--	4.15	4.49	3.81	8.37	11.74	4.08	4.24	3.28	3.92	5.70
17	3.19	--	4.03	4.16	5.67	6.77	6.21	3.94	3.96	3.58	4.80	5.19
18	3.16	--	3.71	3.97	6.05	10.84	4.96	3.75	3.70	3.65	4.43	4.00
19	3.15	--	3.58	3.81	4.64	8.87	4.49	3.64	3.59	4.70	3.87	3.62
20	3.15	--	4.52	3.78	4.11	6.34	4.19	3.56	3.48	5.89	4.21	3.54
21	3.14	--	4.10	3.72	3.79	4.90	4.75	3.50	3.45	4.28	6.20	3.51
22	3.14	--	3.73	3.58	3.61	4.38	7.17	3.46	3.37	4.18	5.32	3.45
23	3.14	--	3.58	3.48	3.77	4.09	5.22	3.41	3.43	5.80	4.41	3.45
24	3.14	--	3.51	3.51	4.30	3.89	4.34	3.38	3.33	3.98	4.71	3.41
25	3.13	--	3.59	10.34	3.97	3.76	4.03	3.35	3.42	3.53	4.16	3.38
26	3.13	--	4.34	7.16	3.63	3.70	3.83	3.33	3.32	3.43	3.78	3.37
27	3.13	--	4.26	5.20	3.47	3.58	3.72	3.38	7.47	3.74	3.65	3.36
28	3.13	--	3.90	4.45	3.37	3.51	3.64	3.31	5.48	3.49	3.65	3.36
29	3.16	--	3.73	4.08	------	3.47	5.30	3.30	7.18	5.46	3.75	3.35
30	3.17	--	3.63	3.88	------	3.52	7.19	5.21	5.88	6.38	3.75	3.35
31	3.15	------	3.55	3.77	------	4.08	------	4.55	------	9.77	3.63	------
MAX	4.12	--	--	13.45	6.05	10.84	14.86	11.36	10.56	9.77	8.65	5.70
MIN	3.13	--	--	3.30	3.10	3.22	3.36	3.30	3.28	3.28	3.63	3.35

07377000 Amite River near Darlington, La.

LOCATION.--Lat 30°53'20", long 90°50'40", in lot 72, T.2 S., R.4 E., St. Helena meridian, St. Helena Parish, near center of span on downstream side of bridge on State Highway 10, 1.5 mi (2.4 km) upstream from Collins Creek, and 4.0 mi (6.4 km) west of Darlington.

DRAINAGE AREA.--580 mi^2 (1,502 km^2).

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.81 ft (44.443 m) above mean sea level. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft (213 m) to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, datum 2.99 ft (0.911 m) higher.

AVERAGE DISCHARGE.--25 years, 865 ft^3/s (24.50 m^3/s), 20.25 in/yr (514 mm/yr).

EXTREMES.--Current year: Maximum discharge, 40,700 ft^3/s (1,150 m^3/s) June 9, gage height, 18.98 ft (5.785 m); minimum, 266 ft^3/s (7.53 m^3/s) Oct. 23, 24, 28, 29, gage height, 3.43 ft (1.045 m).
Period of record: Maximum discharge, 62,100 ft^3/s (1,760 m^3/s) Mar. 25, 1973, gage height, 20.19 ft (6.154 m); minimum, 188 ft^3/s (5.32 m^3/s) Oct. 18, 1956.

REMARKS.--Records good. See following page for table of daily gage height. Records of water temperatures for water year 1975 are published in section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	295	300	1,160	590	557	603	682	5,810	594	760	3,010	446
2	293	291	824	543	545	585	624	8,190	463	1,160	5,570	380
3	289	287	629	508	534	567	685	5,110	412	841	5,900	355
4	285	286	516	503	531	1,130	988	2,770	384	849	4,000	346
5	284	288	459	494	543	3,690	890	5,830	372	1,220	2,920	378
6	284	284	498	471	532	2,750	668	6,640	362	675	3,650	1,400
7	282	286	2,990	618	513	1,400	597	6,840	369	523	2,600	1,670
8	281	288	5,120	7,400	500	963	628	15,400	4,110	469	1,410	1,460
9	279	293	3,690	10,900	491	791	1,960	23,600	29,400	448	1,140	1,120
10	279	298	1,510	10,700	479	707	1,290	10,400	14,500	718	1,060	1,840
11	277	386	896	13,200	471	667	1,200	3,370	8,480	525	1,150	1,570
12	276	394	959	12,500	469	639	1,040	1,520	3,910	460	850	1,350
13	274	335	872	7,300	466	655	761	1,120	2,060	433	859	936
14	273	311	742	2,500	454	1,040	1,370	988	1,520	408	742	470
15	281	305	982	1,470	454	1,190	3,230	923	1,730	394	735	399
16	287	302	1,340	1,090	623	1,160	2,020	1,030	3,390	389	784	433
17	290	312	984	934	4,390	1,220	1,130	899	3,220	391	1,120	7,370
18	281	940	760	844	5,640	5,150	803	883	2,020	374	2,260	21,100
19	276	493	652	796	3,870	8,200	662	736	1,020	403	706	9,990
20	272	2,010	646	786	1,280	6,940	580	629	807	1,100	496	2,820
21	269	3,520	642	808	928	2,720	564	569	674	886	534	1,280
22	268	2,370	613	751	790	1,230	533	526	594	1,190	447	960
23	268	858	555	684	787	976	493	495	545	1,250	417	791
24	268	614	549	634	994	959	472	472	524	691	479	708
25	268	546	690	660	877	983	456	451	799	535	450	593
26	269	509	1,460	784	726	780	441	425	1,300	1,110	422	521
27	269	466	1,780	773	662	690	426	409	1,570	895	385	473
28	268	438	1,170	677	624	644	416	460	764	638	368	441
29	445	417	879	625	------	619	412	1,010	662	547	397	418
30	397	726	736	596	------	697	660	981	895	556	653	400
31	333	------	653	574	------	776	------	848	------	729	705	------
TOTAL	8,960	19,153	35,956	81,713	29,730	51,121	26,681	109,334	87,450	21,567	46,219	62,418
MEAN	289	638	1,160	2,636	1,062	1,649	889	3,527	2,915	696	1,491	2,081
MAX	445	3,520	5,120	13,200	5,640	8,200	3,230	23,600	29,400	1,250	5,900	21,100
MIN	268	284	459	471	454	567	412	409	362	374	368	346
CFSM	.50	1.10	2.00	4.54	1.83	2.84	1.53	6.08	5.03	1.20	2.57	3.59
IN.	.57	1.23	2.31	5.24	1.91	3.28	1.71	7.01	5.61	1.38	2.96	4.00

CAL YR 1974 TOTAL 379,007 MEAN 1,038 MAX 15,900 MIN 268 CFSM 1.79 IN 24.31
WTR YR 1975 TOTAL 580,302 MEAN 1,590 MAX 29,400 MIN 268 CFSM 2.74 IN 37.22

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-08	1500	10.57	5,480	05-09	0230	18.23	32,000
01-12	0815	15.63	13,900	06-09	0730	18.98	40,700
02-18	1145	10.99	5,890	08-03	1515	11.13	6,160
03-19	1915	12.92	8,400	09-18	0500	17.66	26,600
05-02	1730	13.18	8,750				

07377000 Amite River near Darlington, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.54	3.56	5.36	4.23	4.26	4.21	4.38	10.80	4.68	4.91	7.92	4.47
2	3.55	3.51	4.71	4.12	4.23	4.17	4.26	12.76	4.45	5.56	10.65	4.29
3	3.53	3.49	4.31	4.05	4.20	4.13	4.39	10.10	4.35	5.05	10.92	4.20
4	3.51	3.49	4.06	4.04	4.20	5.17	5.01	7.77	4.28	5.06	9.19	4.17
5	3.51	3.50	3.93	4.02	4.22	8.93	4.82	10.87	4.25	5.65	8.02	4.27
6	3.51	3.46	4.02	3.96	4.20	7.82	4.35	11.54	4.22	4.76	8.87	5.98
7	3.50	3.49	7.89	4.26	4.16	5.79	4.20	11.71	4.24	4.49	7.63	6.36
8	3.50	3.50	10.27	11.96	4.13	4.96	4.26	15.30	8.54	4.38	5.94	6.06
9	3.49	3.52	8.90	14.42	4.11	4.62	6.74	17.17	17.82	4.33	5.53	5.59
10	3.49	3.54	5.96	14.27	4.08	4.44	5.59	13.97	15.51	4.84	5.38	6.58
11	3.48	3.84	4.83	15.43	4.06	4.35	5.44	8.39	12.92	4.49	5.54	6.23
12	3.48	3.87	4.96	15.09	4.06	4.29	5.11	6.12	9.08	4.36	5.03	5.91
13	3.47	3.68	4.79	12.01	4.05	4.32	4.56	5.54	6.89	4.29	5.06	5.31
14	3.46	3.59	4.54	7.48	4.02	5.13	5.60	5.33	6.11	4.23	4.85	4.53
15	3.50	3.57	5.01	6.01	4.02	5.41	8.40	5.23	6.37	4.19	4.84	4.34
16	3.52	3.56	5.70	5.37	4.39	5.35	6.82	5.40	8.61	4.17	4.94	4.41
17	3.54	3.59	5.01	5.06	9.54	5.48	5.32	5.20	8.41	4.18	5.54	11.58
18	3.50	5.01	4.57	4.88	10.71	10.07	4.73	5.17	6.82	4.12	7.18	16.86
19	3.48	4.12	4.36	4.78	8.96	12.77	4.45	4.93	5.34	4.21	4.98	13.77
20	3.46	6.57	4.34	4.76	5.58	11.77	4.29	4.74	4.99	5.46	4.59	7.73
21	3.45	8.74	4.33	4.81	4.89	7.62	4.26	4.64	4.76	5.12	4.67	5.83
22	3.44	7.26	4.27	4.68	4.62	5.49	4.20	4.56	4.62	5.59	4.47	5.37
23	3.44	4.76	4.15	4.54	4.61	4.99	4.11	4.51	4.53	5.69	4.39	5.13
24	3.44	4.27	4.14	4.43	5.03	4.96	4.07	4.47	4.49	4.79	4.55	4.99
25	3.44	4.13	4.43	4.48	4.79	5.00	4.03	4.43	4.96	4.51	4.48	4.80
26	3.45	4.05	5.91	4.76	4.48	4.60	4.00	4.37	5.77	5.47	4.41	4.64
27	3.45	3.95	6.45	4.73	4.34	4.40	3.96	4.34	6.18	5.13	4.30	4.54
28	3.44	3.88	5.37	4.52	4.26	4.30	3.94	4.44	4.92	4.69	4.25	4.46
29	3.98	3.82	4.81	4.41	------	4.24	3.93	5.36	4.74	4.53	4.33	4.40
30	3.90	4.49	4.53	4.34	------	4.42	4.40	5.32	5.14	4.55	4.87	4.35
31	3.68	------	4.36	4.29	------	4.59	------	5.11	------	4.85	4.98	------
MAX	3.98	8.74	10.27	15.43	10.71	12.77	8.40	17.17	17.82	5.69	10.92	16.86
MIN	3.44	3.46	3.93	3.96	4.02	4.13	3.93	4.34	4.22	4.12	4.25	4.17

07377500 Comite River near Olive Branch, La.

LOCATION.--Lat 30°45'21", long 91°02'38", in lot 41, T.3 S., R.2 E., St. Helena meridian, East Feliciana Parish, near center of span on downstream side of bridge on State Highway 67, 1,800 ft (549 m) downstream from Knighton Bayou, and 1.3 mi (2.1 km) northeast of Olive Branch.

DRAINAGE AREA.--145 mi^2 (376 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 115.65 ft (35.250 m) above mean sea level (Louisiana Geodetic Survey bench mark). Prior to Oct. 29, 1949, nonrecording gage. Prior to Feb. 3, 1964, at site 1,400 ft (400 m) upstream at same datum.

AVERAGE DISCHARGE.--33 years, 226 ft^3/s (6.40 m^3/s), 21.17 in/yr (538 mm/yr).

EXTREMES.--Current year: Maximum discharge, 7,230 ft^3/s (205 m^3/s) June 9, gage height, 12.37 ft (3.770 m); minimum, 39 ft^3/s (1.10 m^3/s) Oct. 28; minimum gage height, .40 ft (.122 m) Sept. 29, 30.
Period of record: Maximum discharge, 19,900 ft^3/s (564 m^3/s) Mar. 18, 1961, gage height, 21.37 ft (6.514 m); minimum discharge, 28 ft^3/s (.79 m^3/s) Oct. 12, 13, 15, 16, 17, 18, 19, 1972; minimum gage height, .40 ft (.122 m) Sept. 29, 30, 1975.

REMARKS.--Records good, except for periods of no gage-height record, which are fair. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1007: Drainage area. WSP 1177: 1948, 1949(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	52	440	77	78	70	92	2,200	191	158	2,140	275
2	46	45	137	72	76	64	72	2,530	110	188	1,380	91
3	46	43	82	69	76	60	71	726	83	129	3,090	64
4	45	43	65	73	74	240	102	398	70	142	1,220	54
5	45	44	59	75	72	700	64	525	65	147	2,000	48
6	45	44	80	66	72	230	54	236	62	91	1,700	127
7	45	42	1,070	350	70	150	50	351	176	77	1,200	183
8	44	43	1,100	3,360	70	110	56	2,440	1,760	80	390	93
9	44	44	451	4,090	68	90	666	4,740	5,860	724	181	156
10	44	48	156	2,280	68	78	455	1,960	2,480	431	135	575
11	44	152	127	2,120	66	74	251	349	1,790	577	124	199
12	44	97	201	1,830	66	70	166	227	910	201	132	260
13	44	62	143	628	64	110	99	189	285	118	157	236
14	43	50	100	288	64	170	539	217	188	90	114	112
15	45	48	479	160	64	130	1,210	287	288	76	97	87
16	44	48	518	130	270	380	437	205	683	68	200	101
17	44	52	190	110	1,600	300	168	140	330	66	127	501
18	44	450	118	100	368	1,470	113	100	166	144	145	389
19	44	272	99	94	200	1,660	87	84	252	225	88	143
20	43	882	105	92	130	757	73	74	194	130	71	103
21	42	1,150	98	96	100	230	340	66	131	218	120	87
22	42	498	80	92	86	150	273	60	120	149	158	79
23	42	123	71	88	150	120	110	56	108	86	113	74
24	43	80	77	86	300	100	77	54	156	64	93	75
25	42	100	181	86	150	381	65	52	147	101	92	70
26	42	79	456	86	100	166	57	56	115	235	73	67
27	40	63	259	90	86	94	52	52	766	153	66	65
28	39	56	161	86	76	78	49	60	486	168	59	65
29	787	53	120	84	------	70	48	150	166	151	59	64
30	244	324	98	82	------	108	368	446	141	736	57	64
31	90	------	85	80	------	182	------	450	------	1,780	297	------
TOTAL	2,343	5,087	7,406	17,020	4,664	8,592	6,264	19,480	18,279	7,703	15,878	4,507
MEAN	75.6	170	239	549	167	277	209	628	609	248	512	150
MAX	787	1,150	1,100	4,090	1,600	1,660	1,210	4,740	5,860	1,780	3,090	575
MIN	39	42	59	66	64	60	48	52	62	64	57	48
CFSM	.52	1.17	1.65	3.79	1.15	1.91	1.44	4.33	4.20	1.71	3.53	1.03
IN.	.60	1.31	1.90	4.37	1.20	2.20	1.61	5.00	4.69	1.98	4.07	1.16

CAL YR 1974 TOTAL 81,883 MEAN 224 MAX 3,310 MIN 39 CFSM 1.54 IN 21.01
WTR YR 1975 TOTAL 117,223 MEAN 321 MAX 5,860 MIN 39 CFSM 2.21 IN 30.07

PEAK DISCHARGE (BASE, 2,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1- 9	1030	9.52	4,910	6- 9	1100	12.37	7,230
5- 2	1000	6.91	2,820	8- 3	0245	9.56	4,940
5- 9	1145	10.52	5,710				

07377500 Comite River near Olive Branch, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.62	.68	2.35	.80	--	--	.73	6.03	1.23	1.00	5.94	1.50
2	.61	.62	1.19	.76	--	--	.61	6.49	.83	1.15	4.28	.66
3	.61	.61	.89	.74	--	--	.61	2.93	.68	.84	7.13	.55
4	.60	.60	.78	.77	--	--	.79	2.04	.60	.91	4.36	.50
5	.60	.61	.73	.78	--	3.09	.56	2.47	.57	.94	--	.47
6	.60	.61	.85	.73	--	--	.50	1.43	.55	.67	--	.85
7	.60	.60	4.02	1.59	--	--	.47	1.87	1.15	.60	--	1.12
8	.59	.60	4.11	7.58	--	--	.51	6.06	4.42	.62	1.97	.67
9	.59	.61	2.27	8.50	--	--	2.87	9.33	10.70	3.13	1.12	.96
10	.59	.65	1.22	6.13	--	--	2.19	5.46	6.33	2.18	.88	2.60
11	.59	1.25	1.07	5.91	--	--	1.49	1.86	5.41	2.67	.81	1.20
12	.59	.99	1.42	5.43	--	--	1.11	1.39	3.53	1.21	.85	1.43
13	.58	.76	1.15	2.88	--	--	.77	1.26	1.60	.78	.99	1.37
14	.58	.65	.93	1.77	--	--	2.29	1.37	1.16	.66	.76	.74
15	.60	.63	2.36	--	--	--	4.36	1.69	1.56	.60	.69	.57
16	.59	.63	2.55	--	--	--	2.14	1.33	3.04	.57	1.19	.65
17	.59	.67	1.37	--	5.01	--	1.13	--	1.76	.56	.83	2.40
18	.59	2.29	1.03	--	2.03	4.76	.85	--	1.04	.94	.93	1.99
19	.58	1.74	.92	--	--	5.20	.70	--	1.43	1.33	.65	.92
20	.57	3.45	.95	--	--	3.04	.62	--	1.18	.85	.58	.68
21	.57	4.24	.91	--	--	--	1.72	--	.85	1.30	.82	.57
22	.56	2.45	.81	--	--	--	1.55	--	.79	.95	.99	.51
23	.57	1.12	.76	--	--	--	.83	--	.73	.64	.76	.48
24	.57	.89	.80	--	--	--	.64	--	.99	.55	.67	.49
25	.57	1.00	1.27	--	--	1.64	.57	--	.94	.73	.66	.45
26	.57	.88	2.36	--	--	1.11	.52	--	.77	1.37	.59	.43
27	.54	.75	1.66	--	--	.74	.49	--	3.17	.96	.56	.42
28	.53	.71	1.24	--	--	.65	.46	--	2.28	1.05	.53	.41
29	2.98	.68	1.04	--	------	.60	.45	--	1.05	.96	.53	.40
30	1.64	1.92	.92	--	------	.80	1.63	2.22	.90	2.90	.51	.40
31	.93	------	.84	--	------	1.19	------	2.23	------	5.38	1.53	------
MAX	2.98	4.24	4.11	8.50	--	--	4.36	--	10.70	5.38	7.13	2.60
MIN	.53	.60	.73	--	--	--	.45	--	.55	.55	.51	.40

07378000 Comite River near Comite, La.

LOCATION.--Lat 30°30'45", long 91°04'25", in NW¼ sec.24, T.6 S., R.1 E., St. Helena meridian, East Baton Rouge Parish, near left bank on downstream side of bridge on State Highway 946, 0.5 mi (0.8 km) downstream from Blackwater Bayou, and 2.6 mi (4.2 km) west of Comite.

DRAINAGE AREA.--284 mi^2 (735 km^2). See REMARKS.

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

GAGE.--Water-stage recorder. Datum of gage is 25.85 ft (7.879 m) above mean sea level (Louisiana Geodetic Survey bench mark; levels by Louisiana Department of Public Works). Prior to Apr. 22, 1946, nonrecording gage at same site. Prior to Oct. 1, 1962, at datum 3.00 ft (0.914 m) higher.

AVERAGE DISCHARGE.--31 years, 453 ft^3/s (12.82 m^3/s), 21.66 in/yr (550 mm/yr).

EXTREMES.--Current year: Maixmum discharge, 10,800 ft^3/s (306 m^3/s) Jan. 8, gage height, 16.49 ft (5.026 m); minimum discharge, 48 ft^3/s (1.36 m^3/s) Oct. 28, minimum gage height, 1.65 ft (.503 m) Apr. 7, 8.
Period of record: Maximum discharge, 20,900 ft^3/s (592 m^3/s Apr. 29, 1962; maximum gage height, 28.64 ft (8.729 m) May 19, 1953, present datum (prior to dredging August 1961); minimum daily, 29 ft^3/s (0.82 m^3/s).

REMARKS.--Records good. Since 1957, entire flow from 46 mi^2 (119 km^2) diverted from basin. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WSP 1920: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	113	820	138	100	119	188	6,950	444	256	4,310	642
2	57	86	341	137	98	112	137	4,210	158	223	6,300	267
3	56	76	155	134	96	107	129	1,890	106	293	4,900	194
4	56	71	121	130	94	461	131	1,150	92	373	3,450	174
5	56	68	106	139	92	1,310	129	926	90	202	3,710	167
6	55	67	168	127	90	707	108	378	89	144	3,060	246
7	55	66	2,100	859	88	302	100	364	493	117	2,630	506
8	54	68	2,030	9,410	88	207	107	2,720	551	108	1,390	313
9	53	67	1,120	9,200	86	163	355	6,560	4,790	255	417	501
10	53	67	316	8,140	86	139	893	4,970	5,860	1,600	335	1,600
11	53	325	230	7,310	84	129	377	1,580	4,070	3,360	373	907
12	52	286	246	3,540	84	125	306	404	2,940	2,880	225	708
13	52	120	266	2,020	84	164	190	292	743	810	265	1,790
14	52	90	175	804	82	320	4,180	204	301	383	228	423
15	79	64	542	407	82	249	4,790	302	300	170	192	196
16	70	64	1,200	269	350	731	1,480	276	748	132	392	160
17	56	300	466	205	2,130	578	436	155	724	117	326	331
18	54	700	232	171	1,330	3,050	265	130	280	138	255	680
19	53	400	180	148	386	3,340	197	105	363	294	208	277
20	52	1,000	172	134	257	1,600	162	89	974	681	180	179
21	51	2,000	181	137	189	462	157	80	221	292	686	140
22	51	2,100	156	127	158	286	900	74	191	542	1,160	126
23	50	273	136	120	268	224	303	70	141	2,690	489	119
24	50	149	127	115	590	194	178	66	141	693	303	114
25	50	124	404	110	288	521	142	63	227	330	702	112
26	51	138	983	110	179	316	125	69	152	180	740	108
27	50	115	533	120	144	185	113	63	264	343	283	105
28	49	102	316	110	128	146	106	68	1,130	301	209	103
29	268	94	216	105	------	134	369	160	597	152	269	101
30	1,520	485	171	105	------	134	2,480	1,250	246	175	328	100
31	223	------	147	100	------	226	------	1,200	------	828	214	------
TOTAL	3,539	9,678	14,356	44,681	7,731	16,741	19,533	36,818	27,426	19,062	38,529	11,389
MEAN	114	323	463	1,441	276	540	651	1,188	914	615	1,243	380
MAX	1,520	2,100	2,100	9,410	2,130	3,340	4,790	6,950	5,860	3,360	6,300	1,790
MIN	49	64	106	100	82	107	100	63	89	108	180	100
CFSM	.40	1.14	1.63	5.07	.97	1.90	2.29	4.18	3.22	2.17	4.38	1.34
IN.	.46	1.27	1.88	5.85	1.01	2.19	2.56	4.82	3.59	2.50	5.05	1.49

CAL YR 1974 TOTAL 166,801 MEAN 457 MAX 8,250 MIN 49 CFSM 1.61 IN 21.85
WTR YR 1975 TOTAL 249,483 MEAN 684 MAX 9,410 MIN 49 CFSM 2.41 IN 32.68

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1- 8	2145	16.49	10,800	6-10	0330	13.82	7,720
4-14	1700	13.52	7,390	7-11	1915	11.84	5,590
5- 1	0500	13.72	7,610	8- 2	0115	13.25	7,100
5- 9	2315	13.67	7,560				

07378000 Comite River near Comite, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.79	2.24	4.38	2.27	--	1.81	2.19	13.11	3.38	2.80	9.96	3.78
2	1.78	2.03	3.18	2.27	--	1.76	1.92	10.25	2.38	2.68	12.51	2.61
3	1.78	1.95	2.52	2.25	--	1.72	1.87	6.55	2.06	2.91	11.09	2.31
4	1.77	1.91	2.30	2.23	--	3.01	1.89	5.06	1.96	3.18	9.24	2.22
5	1.77	1.88	2.19	2.28	--	5.47	1.87	4.51	1.94	2.60	9.57	2.19
6	1.76	1.88	2.43	2.21	--	3.90	1.73	2.91	1.93	2.31	8.72	2.49
7	1.76	1.87	6.99	3.78	--	2.66	1.67	2.88	3.43	2.13	8.01	3.41
8	1.75	1.89	6.91	15.28	--	2.27	1.73	7.59	3.64	2.07	5.54	2.78
9	1.75	1.87	5.02	15.12	--	2.07	2.64	12.75	10.80	2.66	3.14	3.21
10	1.75	1.87	3.01	14.17	--	1.94	4.43	10.98	11.99	6.06	2.85	6.07
11	1.74	3.05	2.71	13.41	--	1.87	2.93	5.99	10.08	8.73	2.97	4.55
12	1.74	3.01	2.78	9.43	--	1.85	2.67	3.27	8.39	8.31	2.44	4.09
13	1.74	--	2.85	6.88	--	2.07	2.20	2.94	4.15	4.32	2.60	6.41
14	1.73	--	2.47	4.31	--	2.73	8.95	2.60	2.97	3.20	2.46	3.32
15	1.97	--	3.55	3.30	--	2.45	10.90	2.97	2.94	2.45	2.30	2.57
16	1.90	--	5.22	2.85	--	4.00	5.71	2.88	4.16	2.23	3.03	2.40
17	1.77	--	3.45	2.61	6.83	3.56	3.11	2.37	4.11	2.13	2.82	3.04
18	1.76	--	2.72	2.45	5.37	8.41	2.54	2.22	2.90	2.27	2.57	4.02
19	1.75	--	2.48	2.33	3.01	9.06	2.26	2.05	3.02	2.93	2.37	2.87
20	1.73	--	2.46	2.24	2.47	6.03	2.09	1.94	4.67	4.02	2.24	2.49
21	1.73	--	2.50	2.27	2.20	3.20	2.06	1.87	2.65	2.92	3.87	2.28
22	1.72	--	2.38	2.20	2.05	2.60	4.42	--	2.50	3.47	5.03	2.20
23	1.72	2.98	2.26	--	2.47	2.35	2.67	--	2.28	8.00	3.34	2.15
24	1.72	2.49	2.21	--	3.59	2.22	2.17	1.75	2.28	4.04	2.75	2.11
25	1.72	2.32	3.14	--	2.60	3.35	1.97	1.72	2.70	3.01	3.72	2.10
26	1.73	2.42	4.74	--	2.15	2.70	1.86	1.77	2.35	2.45	4.03	2.07
27	1.72	2.26	3.64	--	1.97	2.18	1.78	1.72	2.66	3.11	2.67	2.05
28	1.71	2.15	3.02	--	1.87	1.98	1.72	1.76	5.08	2.97	2.38	2.03
29	2.40	2.10	2.66	--	------	1.91	2.80	2.38	3.78	2.34	2.62	2.02
30	5.84	3.49	2.45	--	------	1.91	6.33	5.16	2.76	2.40	2.84	2.01
31	2.81	------	2.33	--	------	2.34	------	5.23	------	4.36	2.40	------
MAX	5.84	--	6.99	15.28	--	9.06	10.90	13.11	11.99	8.73	12.51	6.41
MIN	1.71	--	2.19	--	--	1.72	1.67	--	1.93	2.07	2.24	2.01

07378500 Amite River near Denham Springs, La.

LOCATION.--Lat 30°27'50", long 90°59'25", in lot 2, T.7 S., R.2 E., St. Helena meridian, Livingston Parish, on right bank at downstream side of bridge on U.S. Highway 190, 1,000 ft (300 m) downstream from Comite River, 2.3 mi (3.7 km) southwest of town of Denham Springs, and 15 mi (24 km) east of Baton Rouge.

DRAINAGE AREA.--1,280 mi^2 (3,315 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 3.87 ft (1.180 m) above mean sea level. Prior to Aug. 8, 1939, nonrecording gage at same site and datum. Auxiliary water-stage recorder 3.0 mi (4.8 km) downstream from base gage at datum 3.12 ft (0.951 m) above mean sea level (Corps of Engineers bench mark). Oct. 1, 1945, to Dec. 23, 1952, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--37 years, 1,915 ft^3/s (54.23 m^3/s), 20.32 in/yr (516 mm/yr).

EXTREMES.--Current year: Maximum discharge, 29,900 ft^3/s (847 m^3/s) May 10, gage height, 26.59 ft (8.105 m); minimum, 442 ft^3/s (12.5 m^3/s) Oct. 24, 25, 26, gage height, 6.18 ft (1.884 m).
Period of record: Maximum discharge, 67,000 ft^3/s (1,900 m^3/s) May 20, 1953, gage height, 32.63 ft (9.946 m); minimum daily discharge, 271 ft^3/s (7.67 m^3/s) Oct. 17, 18, 1956.

REMARKS.--Records good. Since 1957, entire flow from 46 mi^2 (119 km^2) diverted from basin. See following page for table of daily gage height. For auxiliary gage heights, see station 07378510. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WSP 1920: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	512	961	1,830	1,200	1,190	1,150	1,490	11,300	2,220	1,890	6,700	1,720
2	508	700	2,010	1,110	1,160	1,100	1,340	12,800	1,330	1,730	12,600	1,260
3	499	628	1,410	1,040	1,120	1,060	1,240	12,000	1,010	2,050	14,800	998
4	494	592	1,110	992	1,090	1,600	1,210	9,940	881	2,170	13,900	912
5	488	570	949	977	1,080	3,300	1,470	6,880	812	1,940	11,600	1,190
6	496	557	960	954	1,060	4,830	1,430	6,380	773	1,780	10,600	1,250
7	494	550	3,340	1,690	1,040	3,930	1,200	6,590	1,070	1,380	9,540	2,490
8	481	560	5,430	11,100	1,010	2,470	1,170	8,690	1,250	1,130	7,580	2,760
9	484	559	5,980	20,000	985	1,800	1,260	15,600	5,640	1,170	4,310	2,370
10	470	556	4,990	25,200	963	1,520	3,120	26,500	14,900	2,150	2,630	4,020
11	464	846	2,860	25,000	952	1,350	2,510	24,400	26,900	4,450	2,400	4,660
12	466	1,040	1,840	24,100	953	1,260	2,170	11,800	21,300	6,310	2,140	3,700
13	486	857	1,750	20,000	971	1,360	1,810	4,650	8,990	3,180	1,880	3,900
14	467	711	1,550	14,000	952	1,590	6,480	2,930	5,680	1,800	1,770	3,170
15	497	629	1,880	7,840	1,000	1,890	12,800	2,240	4,000	1,190	1,650	1,630
16	553	596	3,210	3,990	1,800	3,410	11,300	2,050	3,950	1,030	2,160	2,240
17	497	609	2,940	2,830	4,000	3,000	6,380	1,900	5,080	965	2,920	1,770
18	483	618	2,010	2,270	6,000	5,090	3,020	1,690	4,500	1,010	2,090	4,930
19	477	1,290	1,500	2,000	7,000	8,650	2,060	1,530	3,330	1,310	2,890	8,490
20	468	1,670	1,340	1,820	5,060	10,100	1,700	1,320	3,080	2,370	1,680	13,600
21	460	4,100	1,270	1,730	2,670	9,100	1,560	1,170	2,080	2,350	1,960	9,110
22	452	5,020	1,200	1,690	1,850	6,060	2,650	1,070	1,760	2,080	2,970	4,060
23	449	3,530	1,150	1,580	1,650	3,080	2,200	1,000	1,640	5,070	1,910	1,660
24	446	1,720	1,110	1,510	1,940	2,190	1,530	952	1,390	3,680	1,380	1,530
25	446	1,240	1,370	1,740	1,840	2,160	1,320	910	1,410	1,970	1,920	1,380
26	449	1,070	2,530	1,520	1,610	2,080	1,230	898	1,440	1,360	2,700	1,240
27	454	958	2,890	1,600	1,370	1,660	1,140	852	1,720	2,190	1,310	1,130
28	452	876	2,690	1,550	1,240	1,470	1,090	806	3,160	1,870	1,080	1,060
29	476	818	2,020	1,410	------	1,390	2,650	980	3,060	1,350	1,110	1,010
30	2,570	1,300	1,590	1,310	------	1,440	3,760	2,710	2,160	1,780	1,160	967
31	1,660	------	1,390	1,240	------	1,400	------	3,720	------	3,290	1,220	------
TOTAL	18,098	35,731	68,099	184,993	53,556	92,490	84,290	186,258	136,516	67,995	134,560	90,207
MEAN	584	1,191	2,197	5,968	1,913	2,984	2,810	6,008	4,551	2,193	4,341	3,007
MAX	2,570	5,020	5,980	25,200	7,000	10,100	12,800	26,500	26,900	6,310	14,800	13,600
MIN	446	550	949	954	952	1,060	1,090	806	773	965	1,080	912
CFSM	.46	.93	1.72	4.66	1.49	2.33	2.20	4.69	3.56	1.71	3.39	2.35
IN.	.53	1.04	1.98	5.38	1.56	2.69	2.45	5.41	3.97	1.98	3.91	2.62

CAL YR 1974 TOTAL 841,763 MEAN 2,306 MAX 18,800 MIN 446 CFSM 1.80 IN 24.46
WTR YR 1975 TOTAL 1,152,793 MEAN 3,158 MAX 26,900 MIN 446 CFSM 2.47 IN 33.50

PEAK DISCHARGE (BASE, 10,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-10	2315	26.04	27,400	5-10	2300	26.59	29,900
3-20	1615	21.11	10,300	6-11	1530	26.31	28,600
4-15	1645	22.27	13,000	8- 3	1645	22.92	14,900
5- 2	1345	22.22	12,900	9-20	1100	22.70	14,300

07378500 Amite River near Denham Springs, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.37	7.63	9.65	8.27	8.24	8.15	8.92	21.53	11.22	10.02	17.72	9.77
2	6.40	6.89	10.04	8.05	8.15	8.02	8.58	22.16	9.37	9.72	22.07	8.83
3	6.38	6.66	8.74	7.86	8.07	7.90	8.36	21.85	8.58	10.34	22.86	8.16
4	6.36	6.54	8.03	7.72	7.99	9.08	8.27	20.88	8.24	10.57	22.54	7.92
5	6.34	6.47	7.60	7.68	7.95	12.58	8.86	18.54	8.04	10.12	21.66	8.57
6	6.37	6.42	7.62	7.62	7.92	15.41	8.77	17.96	7.93	9.81	21.19	8.70
7	6.36	6.40	12.68	9.11	7.85	13.77	8.25	18.22	8.70	9.01	20.66	11.19
8	6.32	6.43	16.45	21.23	7.76	10.97	8.18	20.02	9.19	8.49	19.18	11.70
9	6.32	6.43	17.38	24.30	7.70	9.58	8.39	23.05	16.48	8.57	14.46	10.94
10	6.28	6.42	15.69	25.75	7.64	8.97	12.26	25.86	22.74	10.51	11.40	13.93
11	6.26	7.31	11.74	25.86	7.61	8.60	11.06	25.68	25.96	14.65	10.98	15.12
12	6.26	7.85	9.66	25.69	7.61	8.40	10.36	22.03	24.98	17.80	10.48	13.37
13	6.33	7.35	9.46	24.75	7.66	8.60	9.60	17.02	21.97	12.98	9.98	13.73
14	6.27	6.93	9.03	22.90	7.61	9.13	16.30	12.72	17.90	9.85	9.75	12.42
15	6.37	6.66	9.74	19.58	--	9.76	22.15	11.31	14.43	8.61	9.50	9.60
16	6.55	6.55	12.44	14.93	--	12.81	21.52	10.93	13.81	8.23	10.48	10.76
17	6.37	6.60	11.91	11.71	--	12.04	18.14	10.61	15.85	8.07	11.96	9.88
18	6.32	6.63	10.03	10.57	--	15.77	12.85	10.16	14.82	8.19	10.48	15.54
19	6.30	8.39	8.92	10.02	--	20.06	10.13	9.80	12.70	8.86	11.91	19.81
20	6.27	9.29	8.58	9.63	15.80	20.99	9.36	9.34	12.26	10.94	9.71	22.43
21	6.24	14.07	8.42	9.42	11.37	20.39	9.07	9.00	10.39	10.92	10.22	20.12
22	6.21	15.76	8.28	9.34	9.69	17.40	11.31	8.75	9.78	10.38	12.05	14.03
23	6.20	13.02	8.13	9.10	9.25	12.17	10.41	8.57	9.53	15.84	10.14	10.43
24	6.19	9.41	8.03	8.94	9.87	10.40	9.00	8.43	9.05	13.34	9.09	9.59
25	6.19	8.35	8.62	9.45	9.67	10.33	8.55	8.31	9.08	10.17	10.10	9.26
26	6.20	7.92	11.10	8.97	9.16	10.18	8.33	8.28	9.14	8.96	11.56	8.96
27	6.22	7.63	11.81	9.13	8.65	9.28	8.12	8.08	9.70	10.61	8.93	8.69
28	6.21	7.40	11.42	9.03	8.35	8.87	7.98	8.03	12.40	9.98	8.38	8.51
29	6.30	7.24	10.05	8.73	------	8.69	11.27	8.52	12.22	8.96	8.45	8.37
30	11.07	8.46	9.12	8.51	------	8.79	12.94	11.94	10.56	9.74	8.57	8.25
31	9.27	------	8.69	8.36	------	8.70	------	13.83	------	12.63	8.71	------
MAX	11.07	15.76	17.38	25.86	--	20.99	22.15	25.86	25.96	17.80	22.86	22.43
MIN	6.19	6.40	7.60	7.62	--	7.90	7.98	8.03	7.93	8.07	8.38	7.92

07378510 Amite River at 4-H Camp, near Denham Springs, La.

LOCATION.--Lat 30°26'30", long 90°58'20", in lot 41, T.7 S., R.2 E., St. Helena meridian, Livingston Parish, on left bank, 3.0 mi (4.8 km) downstream from gaging station Amite River near Denham Springs, (sta 07378500), 3.0 mi (4.8 km) southwest of town of Denham Springs, and 3.2 mi (5.1 km) downstream from mouth of Comite River.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Unpublished records, October 1945 to September 1973, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 3.12 ft (0.951 m) above mean sea level (Corps of Engineers bench mark). Prior to Dec. 23, 1952, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum gage height, 24.83 ft (7.568 m) May 11; minimum, 2.96 ft (0.902 M) Oct. 26.
Period of record: Maximum gage height, 24.83 ft (7.568 m) May 11, 1974; minimum, 2.96 ft (0.902 m) Oct. 26, 1974.

REMARKS.--Records of chemical analyses and suspended-sediment loads for the water year 1974 are published in Section 2 of this report.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.22	5.15	6.56	5.39	5.17	5.07	6.06	18.40	9.33	7.34	11.85	6.21
2	3.21	3.95	7.66	5.16	5.52	4.90	5.55	19.83	6.83	7.06	18.70	6.09
3	3.16	3.58	6.19	4.90	4.97	4.76	5.32	19.87	5.68	7.28	20.56	5.11
4	3.15	3.48	5.28	4.71	4.87	4.65	4.98	18.97	5.16	8.40	20.72	4.80
5	3.13	3.28	4.70	4.63	4.84	8.80	5.66	17.14	4.87	7.69	19.68	4.69
6	3.16	3.23	4.39	4.58	4.79	12.25	5.90	15.45	4.74	6.87	19.37	5.32
7	3.17	3.19	9.66	4.41	4.75	11.85	5.25	15.40	4.66	6.34	18.32	7.86
8	3.10	3.20	12.65	16.92	4.64	8.90	4.84	16.35	6.35	5.54	17.74	9.25
9	3.12	3.24	14.19	21.67	4.62	6.95	5.11	19.66	11.10	5.35	14.15	7.20
10	3.07	3.21	13.86	24.02	4.49	6.15	8.80	23.35	17.47	6.79	9.36	10.73
11	3.03	3.73	10.31	24.46	4.45	5.65	8.74	24.70	22.17	9.40	8.43	12.55
12	3.03	5.04	7.14	24.35	4.47	5.37	7.57	21.56	24.00	15.40	7.79	11.30
13	3.22	4.45	6.68	23.63	4.48	5.19	6.98	17.05	21.13	12.57	7.22	9.76
14	3.07	3.92	6.36	22.43	4.45	6.21	8.13	11.85	17.50	7.79	6.82	10.75
15	3.04	3.54	6.73	19.00	4.40	6.73	19.77	8.74	13.30	5.78	6.58	6.74
16	3.46	3.31	9.06	14.68	4.87	10.30	20.00	8.30	10.70	5.18	6.45	9.37
17	3.23	3.32	9.91	10.03	6.38	9.44	17.66	7.91	12.83	4.96	9.70	6.66
18	3.13	3.45	7.78	8.06	12.71	11.20	13.48	7.40	12.52	5.05	7.08	10.85
19	3.11	4.58	6.26	7.33	14.05	16.17	7.85	7.00	10.78	5.63	9.44	15.25
20	3.08	5.63	5.71	6.85	13.91	18.40	6.56	6.44	9.85	7.97	7.15	19.75
21	3.04	9.63	5.47	6.56	9.79	18.42	6.32	6.00	7.95	8.13	6.70	19.32
22	3.01	12.81	5.34	6.49	7.03	16.69	7.40	5.71	6.78	7.49	9.74	14.15
23	2.99	11.47	5.11	6.24	6.30	11.20	8.30	5.45	6.93	12.48	7.75	8.32
24	2.97	7.22	5.09	5.91	6.88	7.83	6.24	5.26	6.02	12.57	6.19	6.75
25	2.98	5.52	4.88	7.50	6.89	6.95	5.57	5.11	6.22	8.14	6.27	6.32
26	2.96	4.99	7.79	6.07	6.46	7.70	5.25	5.03	5.98	6.12	10.77	5.93
27	3.02	4.70	9.23	6.19	5.70	6.45	4.94	4.95	6.53	8.96	6.29	5.62
28	3.00	4.43	8.95	6.14	5.33	5.90	4.76	4.78	9.02	7.47	5.39	5.33
29	3.03	4.20	7.64	5.81	------	5.60	8.93	5.37	10.42	6.38	5.33	5.14
30	7.20	5.44	6.50	5.51	------	5.97	6.13	6.15	8.07	5.57	5.24	4.99
31	7.25	------	5.92	5.31	------	5.38	------	11.62	------	10.66	5.53	------
MAX	7.25	12.81	14.19	24.46	14.05	18.42	20.00	24.70	24.00	15.40	20.72	19.75
MIN	2.96	3.19	4.39	4.41	4.40	4.65	4.76	4.78	4.66	4.96	5.24	4.69

07380108 Bayou Manchac at mouth, near Port Vincent, La.

LOCATION.--Lat 30°30'43", long 90°53'35", in lot 18, T.8 S., R.3 E., Ascension Parish, on right bank 100 ft (30 m) upstream from mouth, 2.6 mi (4.2 km) northwest of Port Vincent.

DRAINAGE AREA.--153 mi^2 (396 km^2).

PERIOD OF RECORD.--Annual maximum elevation, water years 1972-74, October 1974 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 1.00 ft (.305 m) below mean sea level. Prior to October 1974 at datum 1.00 ft (.305 m) higher.

EXTREMES.--Maximum gage heights for water years 1972-75 (present datum) are contained in the following table:

Water year	Date	Gage height (feet)	(metres)
1972	Dec. 10, 1971	a12.33	3.758
1973	Mar. 27, 1973	13.99	4.264
1974	Dec. 28, 1973	7.72	2.353
1975	Jan. 12, 1975	9.75	2.972

a Corrected.

REMARKS.--No gage heights recorded below 1.1 ft (.427 m). Gage heights affected by tide below about 3.0 ft (.914 m).

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.28	2.00				1.19	1.84	4.74	1.78	1.46	1.85	1.64
2	1.33	1.83			1.26	1.20	1.86	5.18	1.36	1.79	3.58	1.59
3	1.47	1.69		1.65	1.19	1.27	1.17	5.50		1.84	4.54	1.64
4	1.51	1.52		1.15		1.52		5.18		1.72	5.58	1.85
5	1.92	1.22			1.26	2.04		4.49		1.25	5.65	2.03
6	1.80			1.27	1.15	2.05		3.56			5.56	2.07
7	1.66	1.34	2.08	1.24	1.40	1.96		3.23			4.78	2.36
8	1.39	1.30	1.73	3.61	1.40	1.21	1.24	3.65			4.30	2.07
9		1.29	1.66	4.37	1.41		1.79	3.85			3.62	2.09
10		1.65	1.71	6.47	1.34	1.65	1.71	5.04	1.91		2.46	2.37
11		1.82	1.63	9.00	1.52	1.28	1.75	7.39	3.75		1.98	2.40
12	1.33		1.16	9.52	1.41	1.47	1.61	7.97	7.32	2.50	1.72	2.30
13	1.43		1.20	9.64	1.29	1.45	1.60	6.12	7.56	2.46	1.43	1.98
14	1.57		1.21	8.84	1.28	1.21	2.35	3.67	5.78	1.67		2.14
15	1.77		1.38	7.18	1.29	1.23	4.93	2.31	3.49	1.24		1.93
16	1.50	1.24	1.34	4.76	1.68	2.55	5.63	1.87	2.08			2.73
17	1.15	1.61		2.23	1.53	2.19	5.52	1.70	1.90	1.46	1.25	2.60
18		1.50		1.62	1.83	2.81	4.31	1.26	2.11	1.54	1.12	2.45
19		1.33		1.42	2.06	3.15	2.62		2.14	1.45	1.15	2.74
20		1.13			2.04	3.35	2.24		2.01	1.67	1.11	3.07
21	1.20				1.87	3.63	2.42		1.82	1.44	1.13	3.87
22	1.70			1.43	1.98	3.53	2.31		1.77	1.35	1.90	4.04
23	2.09			1.32	2.08	2.62	2.32	1.12	2.20	1.89	2.14	2.77
24	1.77		1.19	1.29	1.40	1.66	1.98	1.36	2.48	2.22	1.97	1.98
25	1.57			1.83		1.23	1.78	1.47	2.39	1.61	1.85	1.57
26	1.31		1.29	1.31	1.18	1.38	1.79	1.46	2.11	1.35	2.63	1.24
27	1.51	1.25	1.66	1.25	1.24	2.16	1.84	1.29	1.84	1.91	1.85	
28	1.62		1.39	1.20	1.25	2.48	1.80	1.39	1.70	1.32	1.68	
29	1.97	1.23	1.15	1.18	------	2.42	2.01	1.56	2.00	1.57	1.62	
30	2.13	1.33			------	2.07	2.02	1.80	1.46	1.30	1.68	
31	2.15	------			------	1.62	------	2.41	------	2.18	1.73	------
MAX	2.15	2.00	2.08	9.64	2.08	3.63	5.63	7.97	7.56	2.50	5.65	4.04
MIN	--	--	--	--	--	--	--	--	--	--	--	--

07380400 Bayou Lafourche at Donaldsonville, La.

LOCATION.--Lat 30°06'00", long 90°58'40", in lot 96, T.11 S., R.14 E., Louisiana meridian, Ascension Parish, on left bank 40 ft (12 m) upstream from culvert under State Highway 18, in Donaldsonville, and 1,500 ft (457 m) downstream from Donaldsonville pumping plant.

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

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark, levels by Louisiana Department of Highways).

AVERAGE DISCHARGE.--18 years, 254 ft^3/s (7.193 m^3/s), 184,000 acre-ft/yr (227 hm^3/yr).

EXTREMES.--Period of record: Maximum daily discharge, 600 ft^3/s (17.0 m^3/s) Apr. 6, 1975; no flow June 11, 14, 1959, Feb. 23, 24-27, 28, 1970, Mar. 3, Apr. 2, 3, May 14, 1971, Sept. 7-12, 1973.

REMARKS.--Records poor. Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during freshets. See following page for table of daily elevation. Records of water temperatures and suspended-sediment loads for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	98	259	230	152	263	270	425	252	222	249	160	202
2	98	245	221	148	260	269	433	254	251	247	150	202
3	98	257	214	152	261	271	475	258	257	244	147	202
4	98	257	235	157	262	275	572	257	256	241	150	202
5	97	241	295	163	262	276	592	256	250	241	151	203
6	98	234	279	171	264	276	600	258	245	241	150	202
7	97	235	249	170	265	277	338	258	240	241	149	203
8	101	230	244	177	266	282	272	259	236	241	155	203
9	98	225	237	143	269	281	270	258	236	241	163	203
10	98	220	230	215	272	274	269	258	252	241	189	206
11	96	215	228	265	273	281	270	259	239	243	189	204
12	95	210	227	267	274	282	271	259	190	240	189	204
13	94	210	229	268	275	280	271	260	177	240	189	206
14	94	208	225	268	276	212	281	260	171	239	197	208
15	99	208	232	268	276	167	265	259	165	239	201	208
16	98	209	229	268	277	176	271	260	163	239	194	207
17	95	225	221	269	279	167	269	261	160	238	189	206
18	93	236	226	269	280	173	268	261	164	200	189	206
19	91	229	232	269	280	165	269	261	166	206	189	205
20	91	231	247	270	280	165	269	260	313	203	157	204
21	133	230	246	272	279	204	269	260	563	206	140	204
22	210	242	239	274	278	312	268	260	421	207	144	185
23	261	297	214	274	277	312	268	256	207	207	228	182
24	246	304	238	273	275	319	267	259	229	206	353	202
25	260	283	224	273	273	334	267	258	248	204	355	172
26	261	234	229	272	272	339	264	257	249	205	339	141
27	262	224	200	272	271	345	259	256	246	204	323	148
28	262	219	238	270	271	349	257	240	248	205	202	153
29	262	215	239	268	------	361	254	252	251	204	202	151
30	262	237	201	261	------	412	259	244	250	209	202	150
31	257	------	156	263	------	410	------	217	------	201	202	------
TOTAL	4,603	7,070	7,154	7,301	7,610	8,516	9,582	7,927	7,265	6,972	6,137	5,774
MEAN	148	235	231	236	272	275	319	256	242	225	198	192
MAX	262	304	295	274	280	412	600	261	563	249	355	208
MIN	91	208	156	143	260	165	254	217	160	200	140	141
AC-FT	9,130	14,020	14,190	14,480	15,090	16,890	19,010	15,720	14,410	13,830	12,170	11,450

CAL YR 1974 TOTAL 70,160 MEAN 192 MAX 314 MIN 86 AC-FT 139,200
WTR YR 1975 TOTAL 85,911 MEAN 235 MAX 600 MIN 91 AC-FT 170,400

07380400 Bayou Lafourche at Donaldsonville, La.--Continued

ELEVATION, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.41	8.14	7.35	6.23	8.25	8.49	9.10	8.20	7.68	8.15	6.98	8.34
2	5.41	7.86	7.23	6.15	8.18	8.48	9.12	8.24	8.18	8.12	6.63	8.34
3	5.41	8.09	7.14	6.23	8.20	8.52	9.24	8.30	8.28	8.06	6.55	8.34
4	5.40	8.08	7.65	6.31	8.23	8.57	9.49	8.28	8.27	8.02	6.64	8.34
5	5.40	7.68	9.06	6.38	8.23	8.59	9.55	8.27	8.17	8.01	6.67	8.34
6	5.41	7.55	8.64	6.51	8.26	8.59	9.59	8.29	8.09	8.02	6.65	8.34
7	5.39	7.56	7.85	6.49	8.30	8.59	8.98	8.29	8.00	8.01	6.59	8.36
8	5.45	--	7.68	6.60	8.33	8.61	8.52	8.32	7.94	8.02	6.81	8.36
9	5.41	--	7.49	6.09	8.41	8.61	8.49	8.30	7.94	8.01	7.07	8.36
10	5.41	--	7.35	7.38	8.48	8.54	8.49	8.30	8.19	8.02	7.94	8.37
11	5.37	--	7.33	8.30	8.51	8.60	8.50	8.32	7.98	8.04	7.93	8.36
12	5.36	--	7.31	8.35	8.55	8.62	8.51	8.32	7.10	7.99	7.93	8.37
13	5.34	--	7.33	8.38	8.57	8.60	8.51	8.33	6.86	8.01	7.92	8.38
14	5.34	7.06	7.28	8.38	8.58	7.40	8.59	8.32	6.74	7.99	8.15	8.39
15	5.42	7.06	7.38	8.38	8.58	6.66	8.42	8.32	6.63	7.98	8.31	8.38
16	5.41	7.07	7.35	8.39	8.60	6.83	8.51	8.33	6.59	7.97	8.09	8.38
17	5.37	7.29	7.23	8.42	8.68	6.66	8.47	8.34	6.53	8.60	7.92	8.38
18	5.32	7.46	7.30	8.41	8.68	6.77	8.46	8.35	6.60	8.21	7.92	8.38
19	5.30	7.33	7.39	8.41	8.70	6.63	8.48	8.35	6.63	8.38	7.92	8.34
20	5.30	7.37	7.78	8.45	8.71	6.63	8.48	8.33	7.80	8.36	6.87	8.35
21	5.93	7.32	7.76	8.49	8.67	7.29	8.48	8.33	9.47	8.38	6.31	8.31
22	7.22	7.72	7.54	8.54	8.64	8.75	8.47	8.34	8.74	8.38	6.45	7.72
23	8.19	9.10	7.15	8.54	8.61	8.75	8.46	8.27	7.41	8.38	7.30	7.66
24	7.92	9.26	7.54	8.51	8.58	8.78	8.45	8.31	7.82	8.38	8.91	8.31
25	8.17	8.72	7.33	8.50	8.54	8.83	8.45	8.30	8.13	8.37	8.91	7.35
26	8.20	7.42	7.41	8.50	8.53	8.85	8.40	8.28	8.15	8.37	8.83	6.34
27	8.20	7.27	6.96	8.48	8.51	8.86	8.32	8.27	8.10	8.37	8.76	6.57
28	8.21	7.20	7.52	8.44	8.50	8.88	8.28	7.99	8.13	8.37	8.34	6.74
29	8.21	7.15	7.55	8.38	------	8.92	8.24	8.20	8.18	8.37	8.34	6.66
30	8.21	7.48	6.98	8.21	------	9.07	8.30	8.07	8.16	8.39	8.35	6.63
31	8.10	------	6.29	8.25	------	9.06	------	7.56	------	8.05	8.34	------
MAX	8.21	--	9.06	8.54	8.71	9.07	9.59	8.35	9.47	8.60	8.91	8.39
MIN	5.30	--	6.29	6.09	8.18	6.63	8.24	7.56	6.53	7.97	6.31	6.34

07381000 Bayou Lafourche at Thibodaux, La.

LOCATION.--Lat 29°47'52", long 90°49'21", in lot 117, T.15 S., R.16 E., Lafourche Parish, on downstream side of left pier of drawspan of bridge on State Highway 20 at Thibodaux, 2.7 mi (4.3 km) upstream from Laurel Valley Canal.

PERIOD OF RECORD.--April 1966 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Louisiana Department of Public Works).

EXTREMES.--Current year: Maximum elevation, 6.75 ft (2.057 m) June 11; minimum, 3.05 ft (0.930 m) Aug. 23.
Period of record: Maximum elevation, 7.64 ft (2.329 m) Apr. 17, 1973; minimum, 0.82 ft (0.250 m) Dec. 2, 1966.

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during freshets. Low-water sill about 1,000 ft (300 m) downstream since Nov. 5, 1968. Records of suspended-sediment loads for the water year 1975 are published in Section 2 of this report.

ELEVATION, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.97	5.46	5.44	5.20	5.32	5.35	5.66	5.87	5.34	5.19	6.00	5.26
2	4.95	5.43	5.25	5.14	5.32	5.34	5.81	5.46	4.99	5.16	5.46	5.19
3	4.94	5.45	5.14	5.15	5.29	5.30	5.83	5.30	4.93	5.18	4.92	5.13
4	4.93	5.51	5.10	5.16	5.31	5.32	5.88	5.27	4.98	5.14	4.64	5.32
5	4.94	5.43	5.23	5.18	5.19	5.53	5.75	5.31	4.94	5.14	5.35	5.65
6	4.96	5.40	5.50	5.21	5.16	5.45	5.82	5.18	4.80	5.15	4.87	5.87
7	4.97	5.37	5.98	5.24	5.17	5.44	5.87	5.17	4.85	5.13	4.76	5.92
8	4.95	5.30	5.59	5.21	5.18	5.40	5.73	5.56	4.78	4.98	4.59	5.68
9	4.95	5.32	5.43	4.91	5.28	5.39	5.65	5.54	4.85	4.99	4.36	5.39
10	4.96	5.30	5.32	4.17	5.35	5.42	5.64	5.52	4.77	5.01	4.44	5.34
11	4.88	5.60	5.33	5.59	5.39	5.42	5.67	5.41	6.25	5.03	4.65	5.38
12	4.86	5.44	5.40	5.48	5.40	5.47	5.39	5.50	6.03	5.31	4.65	5.36
13	4.83	5.37	5.40	5.41	5.41	5.44	5.38	5.36	5.38	5.15	4.63	5.26
14	4.83	5.24	5.23	5.36	5.39	5.41	5.45	5.30	4.78	5.11	4.73	5.20
15	4.86	5.11	5.67	5.34	5.41	5.10	5.65	5.38	4.35	5.06	4.95	5.16
16	4.91	5.13	5.40	5.35	5.46	5.25	5.47	5.25	4.50	4.99	5.09	5.19
17	4.77	5.73	5.31	5.35	5.61	4.83	5.42	5.24	4.52	4.98	4.88	5.27
18	4.65	5.65	5.28	5.40	5.52	4.70	5.36	5.26	4.36	4.94	4.72	5.17
19	4.60	5.50	5.30	5.40	5.51	4.68	5.34	5.34	4.27	5.18	4.67	5.13
20	4.52	5.50	5.83	5.42	5.51	4.07	5.33	5.20	4.30	5.39	4.62	5.15
21	4.48	5.45	5.65	5.39	5.54	4.07	5.35	5.17	5.04	5.38	3.93	5.13
22	4.68	5.42	5.53	5.44	5.57	4.73	5.36	5.17	5.55	5.33	3.50	5.10
23	5.08	5.43	5.47	5.49	5.59	5.36	5.38	5.18	5.36	5.34	3.08	4.88
24	5.26	5.76	5.40	5.56	5.49	5.54	5.39	5.16	4.85	5.32	4.56	4.90
25	5.33	5.91	5.44	5.44	5.47	5.53	5.34	5.18	4.97	5.24	5.69	5.01
26	5.37	5.76	5.40	5.40	5.45	5.60	5.40	5.22	5.15	5.23	5.73	4.72
27	5.41	5.51	5.44	5.37	5.45	5.64	5.43	5.19	5.21	5.23	5.94	4.50
28	5.56	5.37	5.39	5.36	5.44	5.54	5.41	5.23	5.12	5.22	5.62	4.37
29	5.59	5.17	5.46	5.34	------	5.56	5.37	5.08	5.27	5.23	5.37	4.25
30	5.64	5.70	5.48	5.32	------	5.64	5.35	6.20	5.54	5.20	5.33	3.34
31	5.65	------	5.30	5.29	------	5.65	------	6.03	------	5.60	5.32	------
MAX	5.65	5.91	5.98	5.59	5.61	5.65	5.88	6.20	6.25	5.60	6.00	5.92
MIN	4.48	5.11	5.10	4.17	5.16	4.07	5.33	5.08	4.27	4.94	3.08	3.34

07381200 Bayou Lafourche at Valentine, La.

LOCATION.--Lat 29°35'35", long 90°28'25", on line between lots 96 and 98, T.17 S., R.20 E., Lafourche Parish, on upstream side of bridge on State Highway 308, at Valentine, 5.2 mi (8.4 km) upstream from Intracoastal Waterway, and 5.7 mi (9.2 km) south of Lockport.

PERIOD OF RECORD.--April 1966 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage at mean sea level. Prior to Oct. 1, 1968, at daum 2.98 ft (0.908 m) higher.

EXTREMES.--Current year: Maximum elevation, 3.07 ft (0.936 m) May 31; minimum, 0.56 ft (0.171 m) Dec. 5.
Period of record: Maximum elevation, 3.33 ft (1.015 m) Apr. 21, 1973; minimum, -0.18 ft (-0.055 m) Feb. 9, 1968 (present datum).

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during freshets. Elevation affected by tide at all stages. Records of specific conductance for the water year 1974 are published in Section 2 of this report.

ELEVATION, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.50	2.17	1.22	1.48	1.43	1.25	1.90	2.40	2.30	1.95	2.34	2.08
2	1.60	2.14	.91	1.37	1.46	1.30	1.85	2.24	2.57	1.93	2.44	2.04
3	1.50	2.12	.74	1.61	1.48	1.23	1.88	2.10	2.33	1.95	2.42	2.01
4	1.42	2.03	.66	1.49	1.50	1.39	1.55	2.06	2.16	1.90	2.38	2.11
5	1.57	1.98	.68	1.14	1.55	1.40	1.45	2.00	2.06	1.78	2.45	2.18
6	1.61	1.85	.89	1.23	1.60	1.42	1.40	2.05	1.99	1.66	2.39	2.24
7	1.64	1.70	1.46	1.28	1.24	1.53	1.42	2.22	1.91	1.63	2.35	2.22
8	1.55	1.53	1.35	1.52	1.15	1.50	1.69	2.47	1.83	1.60	2.20	2.22
9	1.43	1.36	1.10	1.54	1.40	1.21	1.78	2.38	1.94	1.57	2.13	2.24
10	1.44	1.56	1.03	1.70	1.31	1.51	1.85	2.33	2.01	1.59	2.09	2.25
11	1.44	1.85	1.25	1.93	1.46	1.58	1.94	2.15	2.30	1.67	1.99	2.25
12	1.60	1.48	1.41	1.97	1.59	1.73	1.80	2.06	2.43	1.67	1.96	2.21
13	1.61	1.28	1.44	1.42	1.30	1.97	1.55	2.03	2.37	1.60	1.92	2.17
14	1.74	1.40	1.44	1.02	1.27	1.97	1.75	2.04	2.26	1.65	1.85	2.06
15	1.93	1.25	1.65	.98	1.43	1.69	1.90	2.13	2.19	1.64	1.78	1.97
16	1.73	1.29	1.55	1.06	1.76	1.85	1.72	2.10	2.25	1.57	1.77	2.14
17	1.57	1.51	1.39	1.13	1.95	1.62	1.68	2.07	2.16	1.65	1.73	2.26
18	1.53	1.64	1.15	1.29	1.83	1.73	1.78	1.91	2.22	1.70	1.68	2.19
19	1.46	1.61	1.33	1.35	1.85	1.80	2.00	1.73	2.24	1.70	1.65	2.28
20	1.45	1.67	1.41	1.37	1.67	1.55	1.91	1.75	2.27	1.70	1.60	2.28
21	1.38	1.41	1.37	.96	1.68	1.53	1.90	1.82	2.18	1.67	1.57	2.26
22	1.40	1.24	1.24	1.17	1.88	1.57	1.85	1.85	2.16	1.68	1.64	2.32
23	1.60	1.14	1.40	1.19	2.05	1.65	1.80	1.85	2.16	1.72	1.95	1.95
24	1.56	1.27	1.53	1.11	1.91	1.86	1.83	1.85	2.25	1.75	2.02	1.85
25	1.64	1.42	1.50	1.37	1.58	1.79	1.90	1.89	2.26	1.80	2.03	1.83
26	1.57	1.06	1.48	1.40	1.40	1.71	1.88	1.90	2.24	1.80	2.12	1.70
27	1.65	1.15	1.50	1.47	1.27	2.00	1.91	1.87	2.18	1.75	2.09	1.69
28	1.74	1.20	1.52	1.52	1.27	2.13	1.95	1.90	2.14	1.58	2.05	1.63
29	2.04	1.30	1.50	1.56	------	2.22	2.00	1.94	2.07	1.75	2.05	1.55
30	2.14	1.60	1.53	1.45	------	2.27	2.13	2.78	2.00	1.92	2.07	1.55
31	2.15	------	1.53	1.45	------	2.00	------	2.94	------	2.25	2.11	------
MAX	2.15	2.17	1.65	1.97	2.05	2.27	2.13	2.94	2.57	2.25	2.45	2.32
MIN	1.38	1.06	.66	.96	1.15	1.21	1.40	1.73	1.83	1.57	1.57	1.55

07381300 Bayou Lafourche at Golden Meadow, La.

LOCATION.--Lat 29°23'25", long 90°15'55", on line between lots 22 and 23, T.19 S., R.22 E., Lafourche Parish, near right bank on downstream side of first pile bent from right abutment of highway bridge connecting State Highways 1 and 308 at Golden Meadow.

PERIOD OF RECORD.--April 1959 to September 1968, February to July 1970, October 1970 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.40 ft (1.036 m) below mean sea level (levels by Louisiana Department of Public Works). Prior to Feb. 10, 1970, at datum 3.40 ft (1,036 m) higher.

EXTREMES.--Current year: Maximum gage height, 6.25 ft (1.905 m) Sept. 16; minimum, 3.74 ft (1.140 m) Dec. 3.
Period of record: Maximum gage height, 8.13 ft (2.478 m) Oct. 4, 1964, present datum; minimum, not determined.

REMARKS.--Gage height affected by tide at all stages.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.12	5.89	4.51	5.11	4.97	4.84	5.21	5.92	5.57	5.39	5.66	5.92
2	5.29	5.78	4.43	4.90	4.76	4.55	5.20	5.43	5.30	5.48	5.68	5.83
3	5.17	5.74	4.35	5.36	4.80	4.50	4.92	5.38	5.30	5.54	5.74	5.84
4	5.27	5.73	4.33	4.71	4.82	4.85	4.58	5.34	5.33	5.49	5.67	5.92
5	5.47	5.57	4.43	4.40	4.98	4.75	4.64	5.45	5.48	5.39	5.67	5.90
6	5.56	5.37	4.62	4.66	5.01	4.78	4.73	5.68	5.44	5.30	5.57	5.81
7	5.59	5.32	5.08	4.69	4.57	4.98	4.91	5.88	5.36	5.22	5.40	5.92
8	5.46	5.15	4.43	4.94	4.72	4.62	5.35	5.90	5.36	5.18	5.38	5.95
9	5.41	5.04	4.34	4.96	4.96	4.66	5.51	5.58	5.36	5.11	5.31	6.06
10	5.43	5.19	4.36	5.37	4.90	5.33	5.47	5.45	5.54	5.16	5.44	6.15
11	5.34	5.50	5.00	5.44	5.24	5.22	5.45	5.33	5.65	5.10	5.52	6.08
12	5.40	4.87	4.96	5.42	5.27	5.62	5.04	5.37	5.50	5.10	5.58	6.04
13	5.22	4.83	5.10	4.56	4.85	5.70	5.12	5.30	5.34	5.11	5.59	5.91
14	5.56	4.98	5.05	4.38	5.02	5.25	5.38	5.40	5.23	5.32	5.57	5.73
15	5.79	4.73	5.32	4.44	5.26	4.97	5.22	5.50	5.35	5.27	5.50	5.77
16	5.29	5.14	5.17	4.63	5.42	5.31	4.99	5.38	5.30	5.37	5.48	6.03
17	5.39	5.22	5.02	4.74	5.42	4.91	4.98	5.25	5.61	5.53	5.42	6.14
18	5.29	5.34	4.76	4.87	5.30	5.31	5.23	5.09	5.78	5.49	5.34	5.97
19	5.25	5.31	5.05	4.86	5.10	4.94	5.34	5.06	5.85	5.48	5.33	6.00
20	5.26	5.28	4.95	4.39	4.90	4.65	5.25	5.17	5.75	5.42	5.27	5.94
21	5.26	4.88	4.74	4.27	5.11	4.73	5.34	5.47	5.62	5.31	5.18	5.94
22	5.48	4.81	4.50	4.66	5.55	4.82	5.37	5.47	5.67	5.33	5.38	6.14
23	5.50	4.58	4.77	4.49	5.92	5.11	5.38	5.53	5.66	5.25	5.67	5.76
24	5.50	4.80	4.87	4.65	5.26	5.45	5.47	5.50	5.78	5.30	5.56	5.75
25	5.48	4.53	4.80	5.01	4.92	5.26	5.49	5.56	5.64	5.33	5.73	5.67
26	5.36	4.45	4.90	4.97	4.83	5.27	5.40	5.40	5.59	5.36	5.82	5.53
27	5.28	4.82	4.92	5.05	4.87	5.74	5.40	5.30	5.50	5.33	5.77	5.63
28	5.55	4.73	4.97	5.14	4.95	5.90	5.50	5.30	5.42	5.31	5.82	5.53
29	5.90	4.95	5.06	5.20	------	5.75	5.50	5.51	5.35	5.59	5.88	5.46
30	5.84	5.25	5.10	5.08	------	5.44	5.64	6.01	5.32	5.69	5.95	5.54
31	5.89	------	5.18	5.09	------	5.00	------	6.02	------	5.70	5.98	------
MAX	5.90	5.89	5.32	5.44	5.92	5.90	5.64	6.02	5.85	5.70	5.98	6.15
MIN	5.12	4.45	4.33	4.27	4.57	4.50	4.58	5.06	5.23	5.10	5.18	5.46

07381490 Atchafalaya River at Simmesport, La.

LOCATION.--Lat 30°58'57", long 91°47'54", in NE¼SW¼ sec.7, T.1 S., R.7 E., Louisiana meridian, Avoyelles Parish, near right bank on downstream side of Kansas City Southern Railway Co. bridge, 0.4 mi (0.6 km) east of town of Simmesport, 0.5 mi (0.8 km) upstream from State Highway 1, and 4.9 mi (7.9 km) downstream from confluence of Red River and Old River (head of Atchafalaya River).

DRAINAGE AREA.--Approximately 87,570 mi^2 or 226,810 km^2 (see REMARKS).

PERIOD OF RECORD.--October 1972 to current year. Gage heights, May 1, 1887, to May 15, 1892, and Dec. 1, 1903, to current year, and discharge (intermittently since 1851) are contained in reports of Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is 5.73 ft (1.747 m) above mean sea level (levels by Corps of Engineers).

EXTREMES.--1973-74: Maximum discharge, 563,000 ft^3/s or 15,900 m^3/s (observed) Feb. 12, gage height, 37.90 ft (11.552 m); minimum discharge, 75,000 ft^3/s (2,124 m^3/s) Aug. 14, gage height, 1.35 ft (0.411 m).
Current year: Maximum discharge, 746,000 ft^3/s or 21,100 m^3/s (observed Apr. 16, gage height, 49.00 ft (14.935 m); minimum discharge, 100,000 ft^3/s (2,832 m^3/s) Sept. 21, gage height, 7.75 ft (2.362 m).
Period of record: Maximum discharge, 781,000 ft^3/s or 22,100 m^3/s (observed) May 12, 1973, gage height, 48.70 ft (14.844 m), minimum, 75,000 ft^3/s or 2,124 m^3/s; minimum gage height, 1.35 ft or 0.411 m Aug. 14, 1974.
Maximum gage height known since 1903, 53.4 ft or 16.28 m, May 16, 1927.

REMARKS.--Flow consists of that from the Red River and controlled diversion from the Mississippi River by way of Old River control structure. Drainage area does not include non-contributing area or Mississippi River area.

COOPERATION.--Computations of daily discharge furnished by Corps of Engineers.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93,000	208,000	290,000	343,000	483,000	439,000	388,000	427,000	324,000	433,000	159,000	128,000
2	97,000	204,000	312,000	343,000	490,000	435,000	394,000	422,000	331,000	417,000	150,000	130,000
3	102,000	187,000	330,000	345,000	497,000	430,000	394,000	414,000	344,000	409,000	147,000	134,000
4	103,000	181,000	347,000	354,000	502,000	428,000	386,000	405,000	350,000	401,000	145,000	136,000
5	115,000	198,000	342,000	363,000	507,000	421,000	381,000	395,000	346,000	395,000	142,000	151,000
6	125,000	202,000	341,000	371,000	506,000	413,000	375,000	389,000	345,000	392,000	139,000	167,000
7	137,000	216,000	348,000	378,000	506,000	412,000	372,000	384,000	345,000	389,000	133,000	181,000
8	146,000	223,000	361,000	383,000	503,000	405,000	368,000	381,000	350,000	385,000	125,000	195,000
9	161,000	223,000	375,000	387,000	516,000	396,000	368,000	372,000	356,000	381,000	118,000	206,000
10	172,000	224,000	390,000	390,000	529,000	386,000	360,000	363,000	368,000	372,000	110,000	212,000
11	177,000	223,000	403,000	396,000	546,000	379,000	358,000	360,000	384,000	360,000	103,000	216,000
12	182,000	219,000	399,000	401,000	563,000	373,000	376,000	357,000	394,000	349,000	112,000	219,000
13	188,000	215,000	398,000	407,000	550,000	370,000	427,000	349,000	402,000	339,000	104,000	220,000
14	195,000	204,000	401,000	412,000	538,000	366,000	453,000	342,000	414,000	329,000	99,000	222,000
15	207,000	193,000	416,000	419,000	533,000	358,000	460,000	338,000	425,000	317,000	106,000	225,000
16	211,000	183,000	418,000	413,000	528,000	355,000	445,000	333,000	436,000	304,000	117,000	233,000
17	217,000	175,000	421,000	406,000	525,000	356,000	437,000	328,000	453,000	291,000	122,000	240,000
18	224,000	167,000	414,000	409,000	520,000	352,000	424,000	320,000	467,000	274,000	121,000	244,000
19	235,000	159,000	414,000	422,000	515,000	353,000	423,000	313,000	467,000	258,000	126,000	247,000
20	238,000	156,000	407,000	428,000	509,000	358,000	426,000	308,000	466,000	245,000	127,000	247,000
21	233,000	155,000	387,000	433,000	510,000	355,000	419,000	296,000	465,000	232,000	133,000	245,000
22	231,000	151,000	384,000	435,000	508,000	356,000	421,000	290,000	469,000	220,000	137,000	243,000
23	229,000	149,000	375,000	439,000	494,000	368,000	417,000	293,000	473,000	210,000	142,000	243,000
24	230,000	150,000	373,000	443,000	479,000	375,000	420,000	302,000	477,000	199,000	141,000	243,000
25	230,000	156,000	373,000	448,000	469,000	385,000	430,000	316,000	477,000	197,000	138,000	238,000
26	227,000	162,000	372,000	452,000	459,000	398,000	436,000	310,000	478,000	188,000	136,000	233,000
27	229,000	178,000	366,000	457,000	451,000	397,000	436,000	309,000	478,000	182,000	134,000	229,000
28	228,000	206,000	361,000	468,000	443,000	395,000	434,000	313,000	475,000	175,000	132,000	222,000
29	224,000	232,000	356,000	477,000	------	392,000	434,000	319,000	461,000	171,000	132,000	215,000
30	222,000	260,000	352,000	479,000	------	389,000	434,000	327,000	447,000	168,000	131,000	210,000
31	215,000	------	351,000	481,000	------	381,000	------	319,000	------	168,000	128,000	------
TOTAL	5,823.0M	5,759.0M	11,577M	12,782M	14,179M	11,976M	12,296M	10,694M	12,467M	9,150.0M	3,989.0M	6,274.0M
MEAN	187,800	192,000	373,500	412,300	506,400	386,300	409,900	345,000	415,600	295,200	128,700	209,100
MAX	238,000	260,000	421,000	481,000	563,000	439,000	460,000	427,000	478,000	433,000	159,000	247,000
MIN	93,000	149,000	290,000	343,000	443,000	352,000	358,000	290,000	324,000	168,000	99,000	128,000
AC-FT	11,550M	11,420M	22,960M	25,350M	28,120M	23,750M	24,390M	21,210M	24,730M	18,150M	7,912M	12,440M

CAL YR 1973 TOTAL 137,740,000 MEAN 377,400 MAX 781,000 MIN 89,000 AC-FT 273,200,000
WTR YR 1974 TOTAL 116,966,000 MEAN 320,500 MAX 563,000 MIN 93,000 AC-FT 232,000,000

07381490 Atchafalaya River at Simmesport, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	208,000	122,000	280,000	285,000	322,000	420,000	587,000	498,000	421,000	313,000	150,000	110,000
2	208,000	125,000	281,000	287,000	323,000	438,000	578,000	479,000	423,000	318,000	153,000	105,000
3	205,000	130,000	283,000	289,000	327,000	455,000	572,000	476,000	433,000	312,000	162,000	102,000
4	202,000	134,000	283,000	294,000	337,000	474,000	562,000	506,000	426,000	305,000	168,000	102,000
5	194,000	158,000	282,000	301,000	355,000	464,000	551,000	483,000	418,000	299,000	174,000	104,000
6	183,000	167,000	283,000	309,000	372,000	453,000	553,000	496,000	411,000	298,000	173,000	106,000
7	184,000	175,000	287,000	320,000	387,000	441,000	556,000	495,000	403,000	295,000	164,000	114,000
8	178,000	176,000	284,000	324,000	398,000	439,000	558,000	510,000	397,000	292,000	160,000	121,000
9	180,000	179,000	281,000	326,000	407,000	438,000	587,000	520,000	395,000	285,000	156,000	127,000
10	181,000	186,000	280,000	324,000	415,000	434,000	614,000	523,000	386,000	278,000	151,000	127,000
11	182,000	198,000	278,000	341,000	426,000	432,000	644,000	522,000	378,000	273,000	145,000	127,000
12	174,000	202,000	278,000	352,000	415,000	429,000	704,000	542,000	381,000	269,000	138,000	122,000
13	165,000	225,000	278,000	361,000	403,000	457,000	704,000	549,000	382,000	264,000	135,000	122,000
14	156,000	228,000	285,000	367,000	390,000	491,000	733,000	529,000	379,000	261,000	139,000	120,000
15	147,000	258,000	290,000	362,000	404,000	498,000	707,000	553,000	379,000	257,000	136,000	114,000
16	144,000	275,000	293,000	359,000	421,000	503,000	746,000	541,000	377,000	254,000	130,000	105,000
17	136,000	283,000	299,000	355,000	440,000	510,000	719,000	555,000	375,000	251,000	126,000	107,000
18	138,000	283,000	306,000	369,000	456,000	507,000	705,000	558,000	370,000	247,000	122,000	107,000
19	135,000	288,000	305,000	383,000	470,000	505,000	704,000	557,000	366,000	241,000	117,000	103,000
20	133,000	297,000	301,000	396,000	436,000	499,000	715,000	546,000	362,000	228,000	114,000	101,000
21	129,000	286,000	294,000	412,000	401,000	493,000	691,000	569,000	361,000	215,000	115,000	100,000
22	126,000	293,000	287,000	398,000	416,000	507,000	701,000	542,000	362,000	200,000	118,000	102,000
23	122,000	281,000	280,000	384,000	428,000	522,000	651,000	566,000	363,000	186,000	122,000	105,000
24	119,000	279,000	279,000	370,000	439,000	539,000	653,000	542,000	358,000	174,000	126,000	104,000
25	117,000	277,000	279,000	382,000	450,000	558,000	634,000	532,000	341,000	174,000	128,000	113,000
26	116,000	274,000	283,000	392,000	429,000	549,000	602,000	522,000	333,000	167,000	130,000	114,000
27	114,000	275,000	286,000	401,000	408,000	542,000	577,000	510,000	325,000	161,000	130,000	113,000
28	112,000	276,000	289,000	409,000	392,000	533,000	558,000	494,000	322,000	159,000	127,000	112,000
29	113,000	279,000	291,000	383,000	------	525,000	514,000	467,000	317,000	157,000	123,000	115,000
30	117,000	280,000	288,000	360,000	------	545,000	514,000	438,000	312,000	153,000	120,000	119,000
31	120,000	------	287,000	333,000	------	565,000	------	445,000	------	150,000	115,000	------
TOTAL	4,738.0M	6,889.0M	8,880.0M	10,928M	11,267M	15,165M	18,894M	16,065M	11,256M	7,436.0M	4,267.0M	3,343.0M
MEAN	152,800	229,600	286,500	352,500	402,400	489,200	629,800	518,200	375,200	239,900	137,600	111,400
MAX	208,000	297,000	306,000	412,000	470,000	565,000	746,000	569,000	433,000	318,000	174,000	127,000
MIN	112,000	122,000	278,000	285,000	322,000	420,000	514,000	438,000	312,000	150,000	114,000	100,000
AC-FT	9,398M	13,660M	17,610M	21,680M	22,350M	30,080M	37,480M	31,860M	22,330M	14,750M	8,464M	6,631M

CAL YR 1974 TOTAL 114,314,000 MEAN 313,200 MAX 563,000 MIN 99,000 AC-FT 226,700,000
WTR YR 1975 TOTAL 119,128,000 MEAN 326,400 MAX 746,000 MIN 100,000 AC-FT 236,300,000

07381655 Elliot Jones Canal at Greenwood, La.

LOCATION.--Lat 29°36'54", long 90°54'42", in lot 14, T.17 S., R.15 E., Terrebonne Parish, on north side of canal at Shell Oil Co. boat dock, 0.6 mi (1.0 km) southwest of Greenwood, and 1.3 mi (2.1 km) downstream from Bayou Black.

PERIOD OF RECORD.--March 1974 to current year (elevations only).

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

EXTREMES.--March to September 1974: Maximum elevation, 3.10 ft (.945 m) May 24; minimum, 1.25 ft (.381 m) Aug. 23.
Current year: Maximum elevation, 3.97 ft (1.210 m) May 31; minimum, 1.57 ft (.479 m) date unknown.

REMARKS.--Elevation affected by tide at low stages.

ELEVATION, IN FEET, MARCH TO SEPTEMBER 1974

DAY	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	--	2.91	2.83	2.86	--	1.91	2.04	17	2.66	2.90	2.87	--	--	1.72	2.22
2	--	2.95	2.83	2.87	--	1.89	1.95	18	2.64	2.87	2.85	--	--	1.71	2.22
3	--	2.93	2.84	2.80	--	1.91	2.01	19	2.62	2.85	2.84	--	--	1.73	2.22
4	--	2.97	2.82	2.76	--	1.83	1.76	20	2.62	2.83	2.82	--	2.49	1.59	2.22
5	--	2.90	2.79	2.72	--	1.78	1.71	21	2.62	2.83	2.85	--	2.46	1.56	2.22
6	--	2.85	2.77	2.72	--	1.80	1.74	22	2.53	2.85	2.99	--	2.48	1.53	2.22
7	--	2.81	2.77	--	--	1.76	1.82	23	2.50	2.95	3.03	--	2.43	1.61	2.06
8	--	2.87	2.75	--	--	1.97	2.20	24	2.51	2.96	3.02	--	2.38	1.61	2.10
9	--	2.79	2.75	--	--	1.91	2.48	25	2.43	2.92	3.00	--	2.42	1.63	2.18
10	--	2.75	2.75	--	--	1.92	2.60	26	2.56	2.90	2.97	--	2.35	1.85	2.33
11	--	2.72	2.92	--	--	1.88	2.55	27	2.85	2.87	3.05	--	2.35	2.05	2.34
12	--	2.75	2.92	--	--	1.83	2.53	28	2.91	2.86	2.97	--	2.22	2.17	2.33
13	--	2.83	2.88	--	--	1.78	2.48	29	2.96	2.84	2.92	--	2.07	2.17	2.37
14	--	2.87	2.85	--	--	1.72	2.43	30	2.92	2.84	2.87	--	1.97	2.11	2.17
15	--	2.95	2.87	--	--	1.70	2.34	31	2.90	--	2.84	--	1.92	2.07	--
16	2.72	2.93	2.87	--	--	1.71	2.27								
MAX									--	2.97	3.05	--	--	2.17	2.60
MIN									--	2.72	2.75	--	--	1.53	1.71

ELEVATION, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.10	--	2.22	2.30	2.60	2.73	3.12	3.68	3.90	3.20	3.09	2.50
2	2.13	--	2.13	2.17	2.60	2.71	3.15	3.63	3.82	3.16	3.07	2.48
3	2.04	--	2.02	2.26	2.60	2.66	3.13	3.63	3.73	3.16	3.00	2.42
4	2.04	--	1.94	2.22	2.58	2.64	3.09	3.57	3.66	3.11	2.96	2.41
5	2.05	--	1.92	2.10	2.58	2.74	3.09	3.56	3.61	3.13	3.05	2.46
6	2.10	--	1.97	2.15	2.57	2.75	3.08	3.55	3.54	3.04	3.00	2.49
7	2.15	--	2.26	2.15	2.49	2.77	3.07	3.55	3.49	2.97	2.97	2.55
8	2.07	--	2.24	2.28	2.47	2.75	3.06	3.72	3.44	2.92	2.90	2.52
9	1.98	--	2.15	2.32	2.50	2.70	3.08	3.76	3.44	2.86	2.87	2.54
10	1.95	--	2.13	2.40	2.48	2.72	3.15	3.69	3.43	2.91	2.82	2.60
11	1.95	--	2.23	2.53	2.51	2.75	3.20	3.64	3.62	2.98	2.79	2.60
12	2.02	--	2.25	2.52	2.55	2.77	3.19	3.62	3.75	3.00	2.73	2.61
13	2.02	--	2.26	2.49	2.53	2.85	3.19	3.60	3.73	2.93	2.67	2.57
14	2.10	--	2.25	2.44	2.50	2.89	3.24	3.59	3.66	2.89	2.62	2.42
15	2.22	--	2.33	2.42	2.50	2.85	3.30	3.66	3.63	2.84	2.59	2.38
16	2.07	--	2.33	2.42	2.55	2.89	3.34	3.63	3.61	2.77	2.55	2.45
17	2.05	--	2.32	2.42	2.71	2.90	3.36	3.58	3.57	2.74	2.48	2.53
18	2.03	--	2.24	2.44	2.72	3.02	3.40	3.55	3.52	2.74	2.42	2.50
19	1.95	--	2.25	2.47	2.73	3.02	3.44	3.52	3.47	2.72	2.36	2.52
20	1.87	--	2.35	2.48	2.70	3.00	3.37	3.48	3.46	2.70	2.30	2.53
21	1.77	--	2.33	2.44	2.70	3.00	3.37	3.45	3.47	2.67	2.32	2.39
22	1.71	--	2.32	2.44	2.72	3.01	3.39	3.43	3.43	2.63	2.36	2.40
23	1.85	--	2.28	2.45	2.82	3.05	3.41	3.40	3.40	2.62	2.42	2.06
24	1.88	--	2.30	2.47	2.82	3.07	3.45	3.39	3.40	2.59	2.50	2.15
25	2.17	--	2.33	2.57	2.81	3.03	3.48	3.39	3.40	2.56	2.48	2.14
26	2.30	1.97	2.24	2.57	2.78	3.02	3.48	3.37	3.38	2.52	2.49	2.05
27	2.22	2.07	2.30	2.58	2.75	3.00	3.48	3.36	3.34	2.48	2.46	2.10
28	2.06	2.05	2.32	2.60	2.74	3.06	3.48	3.36	3.32	2.42	2.45	2.08
29	1.99	2.08	2.33	2.61	------	3.11	3.51	3.38	3.31	2.43	2.45	2.02
30	1.68	2.32	2.33	2.61	------	3.14	3.52	3.80	3.26	2.55	2.46	1.98
31	--	------	2.30	2.60	------	3.13	------	3.97	------	2.98	2.49	------
MAX	2.30	--	2.35	2.61	2.82	3.14	3.52	3.97	3.90	3.20	3.09	2.61
MIN	--	--	1.92	2.10	2.47	2.64	3.06	3.36	3.26	2.42	2.30	1.98

07381800 Spring Creek near Glenmora, La.

LOCATION.--Lat 31°00'00", long 92°34'10", in SE¼NE¼ sec.4, T.1 S., R.2 W., Rapides Parish, Louisiana meridian, near right bank on downstream side of bridge on U. S. Highway 165, 0.2 mi (0.3 km) upstream from Missouri Pacific Railroad Co. bridge, 2.0 mi (3.2 km) north of Glenmora, and 7.9 mi (12.7 km) upstream from mouth.

DRAINAGE AREA.--68.3 mi^2 (176.9 km^2).

PERIOD OF RECORD.--Water years 1954-56 (annual maximum), March 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 63.28 ft (19.288 m) above mean sea level (Louisiana Geodetic Survey bench mark). Oct. 23, 1953, to Mar. 6, 1956, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--19 years, 92.4 ft^3/s (2.616 m^3/s), 18.37 in/yr (467 mm/yr), 66,940 acre-ft/yr (82.5 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 2,350 ft^3/s (66.5 m^3/s) May 5, (gage height, 14.73 ft or 4.490 m); minimum, 40 ft^3/s (1.13 m^3/s) Oct. 22, 26, 27, 28; minimum gage height, 5.03 ft (1.533 m) Oct. 21, 22, 26, 27, 28.
Period of record: Maximum discharge, 6,150 ft^3/s (174 m^3/s), revised, Nov. 12, 1966 (gage height, 17.22 ft or 5.249 m); minimum, 27 ft^3/s (0.76 m^3/s) Sept. 20, Oct. 4, 5, 6, 1970; minimum gage height, 4.55 ft (1.387 m) Oct. 4, 5, 6, 1970.
Maximum stage since 1886, 20.50 ft (6.248 m) in May 1953; flood of June 1886 was similar, from floodmarks and information by local residents.

REMARKS.--Records good. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WRD LA, 1974: 1962(M), 1964(M), 1965(P), 1966(M), 1967-78(P), 1971-72(M), 1973(P),

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	42	52	91	58	59	61	980	151	116	170	68
2	47	42	50	80	57	58	61	544	100	132	293	66
3	47	42	49	115	56	57	59	225	85	115	338	65
4	46	43	48	122	69	78	58	889	78	88	286	64
5	46	44	48	107	85	123	57	1,680	75	77	447	64
6	46	42	227	84	87	99	57	524	74	71	522	64
7	45	42	560	130	66	75	56	183	72	68	245	63
8	45	45	187	309	60	66	134	328	76	66	130	62
9	45	44	92	201	57	61	222	504	78	68	97	61
10	44	52	74	208	56	60	116	343	144	96	86	61
11	44	97	80	284	55	59	85	155	287	191	80	94
12	43	53	76	165	56	60	73	120	181	102	77	73
13	43	45	71	134	68	207	70	102	98	80	74	84
14	43	43	68	113	62	394	96	94	81	74	72	82
15	46	43	93	88	58	189	157	108	77	76	70	64
16	45	44	113	78	96	99	108	203	79	69	68	62
17	43	50	81	74	181	89	76	133	75	66	67	68
18	43	47	68	70	139	267	67	100	70	65	66	62
19	43	338	66	67	85	261	63	88	77	65	65	61
20	42	684	63	65	72	125	60	81	88	78	98	60
21	42	135	61	65	66	88	146	78	71	82	96	59
22	41	74	60	64	63	78	286	76	90	238	68	58
23	41	62	61	62	66	75	130	74	228	141	90	58
24	41	60	67	66	94	83	87	72	118	80	151	58
25	41	60	134	78	80	80	73	70	114	71	114	58
26	41	55	314	77	67	70	67	70	120	69	137	57
27	40	53	400	71	63	66	63	69	90	66	223	57
28	41	52	570	65	61	65	62	93	146	99	123	56
29	47	51	342	61	------	68	61	159	110	80	83	56
30	43	54	171	60	------	66	310	464	103	67	74	56
31	42	------	112	59	------	62	------	403	------	92	70	------
TOTAL	1,354	2,538	4,458	3,313	2,083	3,287	3,021	9,012	3,236	2,848	4,580	1,921
MEAN	43.7	84.6	144	107	74.4	106	101	291	108	91.9	148	64.0
MAX	48	684	570	309	181	394	310	1,680	287	238	522	94
MIN	40	42	48	59	55	57	56	69	70	65	65	56
CFSM	.64	1.24	2.11	1.57	1.09	1.55	1.48	4.26	1.58	1.35	2.17	.94
IN.	.74	1.38	2.43	1.80	1.13	1.79	1.65	4.91	1.76	1.55	2.49	1.05
AC-FT	2,690	5,030	8,840	6,570	4,130	6,520	5,990	17,880	6,420	5,650	9,080	3,810

CAL YR 1974 TOTAL 41,882 MEAN 115 MAX 2,000 MIN 40 CFSM 1.68 IN 22.81 AC-FT 83,070
WTR YR 1975 TOTAL 41,651 MEAN 114 MAX 1,680 MIN 40 CFSM 1.67 IN 22.69 AC-FT 82,610

PEAK DISCHARGE (BASE, 1,100 CFS).--May 5 (0015) 2,350 cfs (14.73 ft).

07381800 Spring Creek near Glenmora, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.10	5.09	5.32	5.99	5.43	5.35	5.41	12.88	6.88	6.38	7.14	5.55
2	5.09	5.09	5.29	5.80	5.41	5.33	5.40	10.91	6.12	6.62	8.86	5.52
3	5.08	5.09	5.27	6.36	5.39	5.30	5.36	7.94	5.88	6.37	9.50	5.48
4	5.07	5.13	5.25	6.47	5.65	5.74	5.33	11.95	5.76	5.94	8.68	5.46
5	5.07	5.16	5.25	6.24	5.95	6.49	5.32	13.98	5.69	5.73	10.61	5.46
6	5.07	5.11	7.59	5.86	5.98	6.11	5.30	10.51	5.68	5.62	11.10	5.46
7	5.06	5.10	11.25	6.53	5.61	5.68	5.28	7.34	5.63	5.55	8.20	5.45
8	5.06	5.17	7.39	9.14	5.48	5.51	6.55	9.36	5.72	5.51	6.58	5.43
9	5.07	5.15	5.99	7.60	5.42	5.41	7.90	11.00	5.74	5.56	6.08	5.41
10	5.06	5.31	5.69	7.70	5.38	5.38	6.39	9.39	6.77	6.06	5.90	5.41
11	5.05	6.12	5.79	8.79	5.37	5.35	5.88	6.94	8.82	7.44	5.80	6.01
12	5.05	5.36	5.71	7.08	5.39	5.38	5.66	6.44	7.31	6.15	5.73	5.65
13	5.05	5.18	5.63	6.65	5.64	7.66	5.59	6.17	6.09	5.79	5.67	5.84
14	5.05	5.14	5.55	6.37	5.53	10.20	6.04	6.03	5.81	5.67	5.62	5.82
15	5.11	5.12	6.01	5.99	5.44	7.43	6.97	6.24	5.74	5.71	5.59	5.47
16	5.09	5.15	6.34	5.84	6.09	6.12	6.25	7.63	5.77	5.57	5.56	5.43
17	5.07	5.28	5.80	5.76	7.32	5.94	5.71	6.63	5.69	5.51	5.53	5.56
18	5.06	5.22	5.56	5.68	6.72	8.54	5.54	6.13	5.59	5.49	5.51	5.43
19	5.05	8.57	5.51	5.63	5.88	8.46	5.44	5.93	5.71	5.49	5.49	5.39
20	5.05	11.62	5.44	5.59	5.63	6.52	5.37	5.81	5.92	5.75	6.03	5.37
21	5.04	6.65	5.39	5.59	5.50	5.94	6.75	5.76	5.61	5.80	6.06	5.36
22	5.04	5.76	5.37	5.57	5.45	5.75	8.78	5.71	5.93	8.05	5.55	5.34
23	5.04	5.54	5.41	5.53	5.51	5.69	6.59	5.67	7.97	6.74	5.92	5.33
24	5.04	5.50	5.54	5.60	5.99	5.85	5.92	5.63	6.41	5.80	6.90	5.33
25	5.04	5.50	6.62	5.84	5.79	5.79	5.66	5.59	6.36	5.62	6.34	5.33
26	5.04	5.39	9.20	5.81	5.54	5.60	5.53	5.59	6.43	5.58	6.67	5.32
27	5.04	5.35	10.11	5.70	5.44	5.52	5.45	5.58	5.95	5.50	7.90	5.31
28	5.06	5.32	11.34	5.58	5.39	5.49	5.42	6.01	6.81	6.10	6.48	5.30
29	5.18	5.30	9.52	5.51	------	5.55	5.41	7.00	6.30	5.80	5.85	5.30
30	5.11	5.38	7.17	5.47	------	5.50	8.57	10.69	6.16	5.54	5.67	5.30
31	5.09	------	6.32	5.45	------	5.43	------	10.10	------	5.93	5.60	------
MAX	5.18	11.62	11.34	9.14	7.32	10.20	8.78	13.98	8.82	8.05	11.10	6.01
MIN	5.04	5.09	5.25	5.45	5.37	5.30	5.28	5.58	5.59	5.49	5.49	5.30

07381950 Cocodrie Lake near Clearwater, La.

LOCATION.--Lat 31°00'00", long 92°22'57", in SE¼NE¼ sec.5, T.1 S., R.1 E., Louisiana meridian, Rapides Parish, 50 ft (15 m) north of concrete spillway in center of drainage canal, 1,000 ft (305 m) upstream from U. S. Highway 167, 0.9 mi (1.4 km) downstream from Chicago, Rock Island and Pacific Railroad Co. bridge, 1.5 mi (2.4 km) east of Clearwater, and 4.0 mi (6.4 km) downstream from Hurricane Creek.

DRAINAGE AREA.--240 mi^2 (622 km^2).

PERIOD OF RECORD.--September 1959 to September 1967 (gage heights only). September 1970 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft (12.192 m) above mean Gulf level (levels by Corps of Engineers), and 39.57 ft (12.061 m) above mean sea level (levels by Louisiana Department of Public Works).

EXTREMES.--Current year: Maximum gage height, 17.77 ft (5.416 m) May 11; minimum, 10.74 ft (3.274 m) Nov. 7.
Period of record: Maximum gage height 20.64 ft (6.291 m) Mar. 26, 1973; minimum not determined.

REMARKS.--Reservoir is formed on Bayou Cocodrie by earthfill dam, completed in 1959. Storage began Jan. 23, 1959. The dam contains a 100-ft (30-metres) concrete spillway. The crest of the dam is 51.44 ft (15.679 m) above mean Gulf level (levels by Corps of Engineers) and 51.00 ft (15.545 m) above mean sea level (levels by Louisiana Department of Public Works). Drawdown structure consists of one 4.0 ft (1.2 m) pipe with a metal gate that can be varied from 41.44 ft (12.631 m) to 45.44 ft (13.850 m) above mean Gulf level and from 41.00 ft (12.497 m) to 45.00 ft (13.716 m) above mean sea level. Invert of pipe is 41.44 ft (12.631 m) above mean Gulf level and 41.00 ft (12.497 m) above mean sea level. Usable capacity, 11,000 acre-ft (13.6 hm^3). Reservoir is used for recreation. Flow for Bayou Cocodrie (sta 07382000) is outflow of reservoir.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.52	10.83	12.15	14.34	13.30	--	12.51	13.04	15.02	12.75	12.75	13.14
2	11.50	10.82	12.14	14.14	13.14	--	12.47	14.46	14.86	12.76	13.31	12.97
3	11.46	10.80	12.11	14.03	13.00	--	12.44	15.25	14.66	12.86	14.65	12.84
4	11.42	10.78	12.09	13.94	12.91	--	12.40	15.93	14.44	12.92	15.38	12.71
5	11.39	10.78	12.07	13.86	12.85	--	12.37	16.45	14.22	12.88	16.15	12.61
6	11.36	10.77	12.10	13.74	12.80	--	12.33	16.87	14.00	12.79	16.98	12.52
7	11.32	10.74	12.91	13.57	12.75	--	12.30	16.88	13.79	12.67	17.17	12.44
8	11.29	10.77	13.93	14.10	12.69	--	12.28	16.92	13.61	12.58	17.07	12.37
9	11.26	10.78	14.12	14.76	12.64	--	12.50	17.10	13.40	12.50	16.88	12.30
10	11.23	10.80	13.99	15.32	12.57	--	12.81	17.43	13.30	12.52	16.66	12.23
11	11.19	11.10	13.86	15.74	12.51	--	12.95	17.76	13.25	12.65	16.44	12.27
12	11.15	11.21	13.68	15.97	12.47	--	12.92	17.70	13.30	13.01	16.22	12.24
13	11.11	11.31	13.50	15.93	12.42	--	12.86	17.49	13.26	13.32	15.99	12.22
14	11.08	11.35	13.31	15.76	12.38	--	12.83	17.26	13.11	13.30	15.76	12.19
15	11.05	11.34	13.22	15.57	12.35	--	12.85	17.03	12.95	13.13	15.53	12.17
16	11.08	11.35	13.10	15.37	12.38	--	12.97	16.81	12.85	12.98	15.30	12.15
17	11.06	11.44	13.02	15.16	12.56	--	12.99	16.62	12.74	12.84	15.08	12.20
18	11.04	11.47	12.92	14.96	12.80	--	12.93	16.40	12.63	12.72	14.83	12.20
19	11.02	11.64	12.85	14.75	12.94	--	12.84	16.17	12.53	12.62	14.63	12.17
20	10.99	11.82	12.76	14.56	12.91	--	12.76	15.93	12.54	12.68	14.40	12.15
21	10.96	12.17	12.68	14.35	12.84	--	12.74	15.69	12.47	12.64	14.33	12.13
22	10.93	12.34	12.61	14.15	12.76	13.12	12.83	15.45	12.39	12.73	14.23	12.10
23	10.91	12.33	12.54	13.93	12.70	12.99	12.93	15.22	12.34	12.87	14.03	12.08
24	10.89	12.31	12.52	13.72	12.64	12.94	12.97	14.98	12.41	12.93	13.88	12.06
25	10.87	12.30	12.52	13.93	12.59	12.88	12.91	14.74	12.47	13.02	13.79	12.04
26	10.85	12.27	12.59	14.14	12.54	12.83	12.81	14.51	12.52	13.05	13.66	12.02
27	10.83	12.25	12.93	14.20	--	12.77	12.70	14.38	12.62	13.02	13.60	12.00
28	10.81	12.21	13.74	14.08	--	12.70	12.61	14.17	12.62	12.92	13.62	11.99
29	10.85	12.18	14.32	13.89	------	12.65	12.53	14.29	12.69	12.82	13.57	11.98
30	10.84	12.17	14.52	13.69	------	12.60	12.55	14.65	12.73	12.74	13.42	11.98
31	10.84	------	14.48	13.50	------	12.55	------	15.91	------	12.68	13.30	------
MAX	11.52	12.34	14.52	15.97	13.30	--	12.99	17.76	15.02	13.32	17.17	13.14
MIN	10.81	10.74	12.07	13.50	12.35	--	12.28	13.04	12.34	12.50	12.75	11.98

07382000 Bayou Cocodrie near Clearwater, La.

LOCATION.--Lat 31°00'00", long 92°22'46", in NW¼SW¼ Sec.4, T.1 S., R.1 E., Louisiana meridian, Evangeline Parish, near right bank on downstream side of bridge on U. S. Highway 167, 1,000 ft (305 m) downstream from Cocodrie Lake dam, 1.0 mi (1.6 km) downstream from Chicago, Rock Island and Pacific Railroad Co. bridge, 1.5 mi (2.4 km) east of Clearwater, 4.0 mi (6.4 km) south of Meeker, and 5.0 mi (8.0 km) downstream from Hurricane Creek.

DRAINAGE AREA.--240 mi^2 (622 km^2).

PERIOD OF RECORD.--May 1922 to January 1925 (published as "near Meeker"), October 1937 to current year. Monthly discharge only for October 1937, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft (12.192 m) above mean Gulf level (levels by Corps of Engineers), and 39.57 ft (12.060 m) above mean sea level (levels by Louisiana Department of Public Works) May 1922 to January 1925, nonrecording gage 500 ft (152 m) downstream at datum about 1.5 ft (0.46 m) lower. October to December 1937, nonrecording gage at present site at datum 40.00 ft (12.192 m) lower. Jan. 1, 1938, to Mar. 28, 1940, nonrecording gage at present site and datum. Since Jan. 23, 1945, auxiliary nonrecording gage 6.6 mi (10.6 km) downstream from base gage at datum 35.10 ft (10.698 m) above mean sea level (Louisiana Geodetic Survey bench mark).

AVERAGE DISCHARGE.--40 years (1922-24, 1937-75), 419 ft^3/s (11.87 m^3/s), 23.71 in/yr (602 mm/yr), 303,600 acre-ft/yr (374 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 1,350 ft^3/s (38.2 m^3/s) May 11 (gage height, 17.71 ft or 5.398 m); minimum, 49 ft^3/s (1.39 m^3/s) Nov. 20 (gage height, 4.86 ft or 1.481 m), regulated.
Period of record: Maximum discharge, 28,200 ft^3/s (798 m^3/s) May 18, 1953 (gage height, 26.72 ft or 8.144 m); reverse flow Nov. 13-15, 1922, probably caused by heavy rains in basin below station; minimum discharge, 49 ft^3/s (1.39 m^3/s) Nov. 20, 1974, regulated.

REMARKS.--Records good. Slight regulation at low flow by Cocodrie Lake (sta 07382000). See following pages for tables of daily discharge and gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1211: 1938, drainage area. Revised figures of discharge, in cubic feet per second, for water year 1974, superseding figures published in WRD LA, 1974, are given below:

Date	Discharge	Date	Discharge	Date	Discharge
Sept. 13	338	Sept. 19	245	Sept. 25	180
14	332	20	231	26	178
15	312	21	219	27	173
16	293	22	205	28	170
17	276	23	193	29	166
18	259	24	185	30	161

Month	Cfs-days	Min.	Mean	Per square mile	Inches	Ac-ft
Sept. 1974	7,034	161	234	.98	1.09	13,950
Water year	210,937				32.70	418,400

07382000 Bayou Cocodrie near Clearwater, La.--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	157	110	201	862	733	300	328	745	941	553	674	717
2	154	110	191	840	701	279	307	893	920	568	798	680
3	152	110	182	829	653	257	286	979	896	623	926	630
4	151	110	176	819	609	269	267	1,070	874	637	1,010	574
5	149	109	170	809	571	289	250	1,130	849	630	1,110	525
6	149	108	343	793	537	300	236	1,190	824	588	1,210	482
7	148	106	723	794	506	309	347	1,180	799	534	1,240	442
8	148	106	828	859	470	298	355	1,200	777	486	1,220	408
9	146	105	841	926	433	284	340	1,230	755	449	1,180	378
10	145	107	825	993	399	273	515	1,300	743	485	1,150	322
11	145	114	809	1,040	370	257	593	1,350	738	556	1,120	268
12	146	107	787	1,070	342	248	586	1,330	741	695	1,090	246
13	145	106	765	1,060	317	353	553	1,290	732	744	1,060	236
14	143	106	740	1,030	297	501	540	1,240	706	738	1,030	222
15	139	106	730	1,010	289	655	550	1,210	669	711	1,000	213
16	123	106	706	984	360	714	570	1,190	624	671	973	210
17	120	110	675	958	475	695	600	1,150	569	619	946	223
18	120	97	630	935	567	721	590	1,120	514	564	931	221
19	119	66	583	912	617	733	580	1,090	464	532	895	214
20	118	80	529	887	602	743	570	1,060	456	543	871	203
21	117	172	477	864	558	730	560	1,020	433	520	864	189
22	116	260	430	840	514	696	570	990	399	557	851	177
23	116	273	399	816	477	646	580	960	374	619	829	169
24	114	270	400	804	438	623	590	940	390	661	813	161
25	114	264	389	829	402	584	580	910	419	693	802	151
26	113	251	455	849	372	541	560	880	437	701	787	144
27	112	239	688	851	344	456	527	860	477	687	782	138
28	112	227	815	833	320	421	480	850	489	655	782	130
29	113	215	871	811	------	393	441	870	512	612	774	120
30	112	210	888	786	------	366	507	910	535	573	758	116
31	111	------	881	761	------	342	------	937	------	579	742	------
TOTAL	4,067	4,460	18,127	27,454	13,273	14,276	14,358	33,074	19,056	18,783	29,218	8,909
MEAN	131	149	585	886	474	461	479	1,067	635	606	943	297
MAX	157	273	888	1,070	733	743	600	1,350	941	744	1,240	717
MIN	111	66	170	761	289	248	236	745	374	449	674	116
CFSM	.55	.62	2.44	3.69	1.98	1.92	2.00	4.45	2.65	2.53	3.93	1.24
IN.	.63	.69	2.81	4.26	2.06	2.21	2.23	5.13	2.95	2.91	4.53	1.38
AC-FT	8,070	8,850	35,950	54,460	26,330	28,320	28,480	65,600	37,800	37,260	57,950	17,670

CAL YR 1974 TOTAL 192,155 MEAN 526 MAX 2,110 MIN 66 CFSM 2.19 IN 29.78 AC-FT 381,100
WTR YR 1975 TOTAL 205,055 MEAN 562 MAX 1,350 MIN 66 CFSM 2.34 IN 31.78 AC-FT 406,700

07382000 Bayou Cocodrie near Clearwater, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.47	5.94	7.12	14.20	13.03	8.56	8.91	13.12	14.92	11.28	12.49	12.88
2	6.42	5.94	6.97	14.00	12.74	8.30	8.65	14.48	14.73	11.43	13.62	12.55
3	6.39	5.95	6.83	13.90	12.28	8.03	8.39	15.24	14.50	11.98	14.78	12.05
4	6.37	5.97	6.72	13.81	11.84	8.18	8.15	15.94	14.31	12.12	15.46	11.49
5	6.35	5.97	6.63	13.72	11.46	8.42	7.93	16.46	14.08	12.05	16.29	11.00
6	6.34	5.95	8.70	13.57	11.12	8.56	7.73	16.80	13.85	11.63	16.97	10.57
7	6.32	5.94	12.93	13.58	10.81	8.68	9.10	16.78	13.63	11.10	17.10	10.17
8	6.32	5.95	13.89	14.17	10.45	8.54	--	16.89	13.43	10.61	16.99	9.81
9	6.30	5.94	14.01	14.78	10.08	8.36	--	17.06	13.23	10.24	16.79	9.48
10	6.28	5.99	13.86	15.36	9.71	8.23	10.89	17.43	13.12	10.60	16.57	8.84
11	6.29	6.14	13.72	15.76	9.39	8.02	11.68	17.68	13.07	11.30	16.34	8.16
12	6.31	6.01	13.52	15.94	9.08	7.90	11.61	17.60	13.10	12.67	16.12	7.87
13	6.31	6.00	13.32	15.87	8.78	9.20	11.28	17.39	13.02	13.13	15.89	7.73
14	6.30	6.00	13.09	15.69	8.53	10.76	--	--	12.78	13.07	15.66	7.53
15	6.23	5.99	13.00	15.49	8.43	12.30	--	--	12.44	12.83	15.42	7.40
16	5.98	6.00	12.78	15.28	9.28	12.85	--	--	11.99	12.46	15.19	7.35
17	5.95	6.07	12.50	15.07	10.50	12.68	--	--	11.44	11.94	14.96	7.54
18	5.95	5.82	12.05	14.86	11.42	12.92	--	--	10.89	11.39	14.83	7.52
19	5.95	5.19	11.58	14.65	11.92	13.03	--	--	10.39	11.07	14.50	7.41
20	5.94	5.47	11.04	14.43	11.77	13.12	--	--	10.31	11.18	14.28	7.26
21	5.94	7.04	10.52	14.22	11.33	13.00	--	--	10.08	10.95	14.22	7.06
22	5.93	8.05	10.05	14.00	10.89	12.69	--	--	9.71	11.32	14.10	6.87
23	5.93	8.18	9.71	13.78	10.52	12.21	--	--	9.43	11.94	13.90	6.74
24	5.92	8.13	9.72	13.67	10.13	11.98	--	--	9.61	12.36	13.75	6.60
25	5.92	8.04	9.60	13.90	9.74	11.59	--	--	9.93	12.66	13.65	6.44
26	5.91	7.85	10.30	14.08	9.41	11.16	--	--	10.12	12.74	13.52	6.32
27	5.91	7.68	12.62	14.10	9.10	10.31	11.01	--	10.52	12.61	13.47	6.22
28	5.92	7.49	13.77	13.94	8.81	9.96	10.55	14.09	10.64	12.30	13.47	6.09
29	5.95	7.32	14.28	13.74	------	9.64	10.16	14.27	10.87	11.86	13.40	5.91
30	5.94	7.25	14.44	13.51	------	9.34	10.80	14.64	11.10	11.48	13.25	5.83
31	5.94	------	14.37	13.28	------	9.07	------	14.88	------	11.54	13.11	------
MAX	6.47	8.18	14.44	15.94	13.03	13.12	--	17.68	14.92	13.13	17.10	12.88
MIN	5.91	5.19	6.63	13.28	8.43	7.90	7.73	13.12	9.43	10.24	12.49	5.83

07382500 Bayou Courtableau at Washington, La.

LOCATION.--Lat 30°37'05", long 92°03'20", in lot 81, T.5 S., R.4 E., Louisiana meridian, St. Landry Parish, near center of span on downstream side of bridge on State Highway 10 at Washington, 0.2 mi (0.3 km) upstream from Texas and New Orleans Railroad Co. bridge, 1.2 mi (1.9 km) upstream from Bayou Carron, 3.5 mi (5.6 km) downstream from confluence of Bayou Cocodrie and Bayou Boeuf, and 6.0 mi (9.7 km) north of Opelousas.

DRAINAGE AREA.--715 mi^2 (1,852 km^2). See REMARKS.

PERIOD OF RECORD.--July 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Louisiana Geodetic Survey bench mark). Prior to Aug. 23, 1948, non-recording gage at same site and datum. Auxiliary water-stage recorder 3.2 miles upstream from base gage. Datum of auxiliary gage is at mean Gulf level (Corps of Engineers bench mark). Prior to Feb. 28, 1949, auxiliary nonrecording gage at site 3.5 mi (5.6 km) upstream from base gage at same datum.

AVERAGE DISCHARGE.--29 years, 1,068 ft^3/s (30.25 m^3/s), 773,800 acre-ft/yr (954 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 4,730 ft^3/s (134 m^3/s) May 8, maximum elevation, 27.80 ft (8.473 m) Jan. 12; minimum discharge, 198 ft^3/s (5.61 m^3/s) Oct. 20, minimum elevation, 12.85 ft (3.917 m) Oct. 28.
Period of record: Maximum discharge, 9,490 ft^3/s (269 m^3/s) May 21, 1953; maximum elevation, 35.29 ft (10.756 m) May 22, 1953; minimum discharge, 70 ft^3/s (1.98 m^3/s) Oct. 19, 1973, minimum elevation, 10.72 ft (3.267 m) Oct. 18, 1956.

REMARKS.--Records good. See following page for table of daily elevation. Some flow diverted from Bayou Boeuf into Chatlin Lake Canal through Bayou Lamourie. Since April 1952, floodflow is diverted from 76.1 mi^2 (197.1 m^2) in Bayou Rapides basin into Bayou Boeuf when stages of Red River makes it necessary to close gates at mouth of Bayou Rapides. In extreme floods, considerable flow bypasses the station. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	358	369	601	3,010	1,140	533	623	3,070	2,800	1,040	1,660	929
2	328	308	579	2,440	1,090	509	592	3,340	1,800	1,500	2,970	952
3	323	286	549	1,900	1,050	454	669	3,750	1,450	1,880	3,250	1,070
4	339	270	487	1,840	998	563	629	4,060	1,250	1,690	3,510	983
5	285	315	451	1,780	990	920	573	4,310	1,150	1,300	3,780	836
6	255	312	736	1,590	1,050	1,030	511	4,480	1,040	1,050	4,050	799
7	253	310	2,870	1,620	986	941	479	4,570	1,090	850	4,240	727
8	247	304	3,360	3,340	911	763	458	4,650	1,090	698	4,340	709
9	248	348	3,370	3,540	892	631	1,100	4,670	1,000	636	4,330	686
10	256	333	3,240	3,820	837	575	1,530	4,630	1,050	1,280	4,190	642
11	284	473	2,810	4,150	761	530	1,500	4,590	1,360	1,880	3,950	687
12	266	644	2,280	4,470	701	507	1,290	4,590	1,660	2,460	3,530	623
13	248	679	1,780	4,620	662	614	1,090	4,560	1,680	2,010	2,870	687
14	240	681	1,520	4,630	650	1,660	1,460	4,430	1,520	1,510	2,100	766
15	284	610	2,030	4,560	571	2,010	2,220	4,260	1,380	1,250	1,560	813
16	274	541	2,330	4,450	777	1,870	2,260	4,120	1,330	1,080	1,340	697
17	246	554	1,980	4,240	1,740	1,580	2,030	3,960	1,150	900	1,240	854
18	228	650	1,570	3,970	2,100	2,200	1,580	3,730	938	801	1,160	1,000
19	214	695	1,400	3,620	1,910	2,790	1,200	3,370	788	817	1,030	884
20	203	1,820	1,260	3,180	1,490	2,620	958	2,730	718	923	1,050	710
21	205	2,490	1,050	2,560	1,170	2,180	806	2,030	617	778	986	631
22	210	1,990	909	1,950	986	1,690	1,130	1,500	583	851	913	681
23	217	1,430	874	1,480	893	1,310	1,270	1,220	551	1,780	882	609
24	223	1,150	1,860	1,310	842	1,380	1,120	1,150	533	1,850	873	465
25	225	1,010	1,960	2,290	808	1,420	997	1,080	720	1,520	915	444
26	226	913	2,280	2,580	705	1,240	841	1,050	1,120	1,210	984	408
27	227	766	2,940	2,270	623	1,040	780	1,000	959	1,080	1,010	383
28	229	626	3,380	1,870	575	872	711	1,100	805	1,110	935	357
29	534	588	3,520	1,550	------	768	602	1,500	827	906	904	326
30	587	597	3,550	1,370	------	732	1,330	2,500	834	1,040	866	301
31	472	------	3,400	1,240	------	704	------	3,000	------	1,270	877	------
TOTAL	8,734	22,062	60,926	87,240	27,908	36,636	32,339	99,000	33,793	38,950	66,295	20,659
MEAN	282	735	1,965	2,814	997	1,182	1,078	3,194	1,126	1,256	2,139	689
MAX	587	2,490	3,550	4,630	2,100	2,790	2,260	4,670	2,800	2,460	4,340	1,070
MIN	203	270	451	1,240	571	454	458	1,000	533	636	866	301
AC-FT	17,320	43,760	120,800	173,000	55,360	72,670	64,140	196,400	67,030	77,260	131,500	40,980

CAL YR 1974 TOTAL 484,407 MEAN 1,327 MAX 5,590 MIN 203 AC-FT 960,800
WTR YR 1975 TOTAL 534,542 MEAN 1,464 MAX 4,670 MIN 203 AC-FT 1,060,000

07382500 Bayou Courtableau at Washington, La.--Continued

ELEVATION, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.91	16.27	17.02	22.66	19.38	18.31	18.50	26.45	22.91	19.06	22.13	18.90
2	14.67	15.61	16.75	21.71	19.21	18.16	18.44	27.09	21.84	20.24	25.55	18.85
3	14.46	15.09	16.30	20.63	19.04	18.16	18.70	27.42	20.44	21.20	25.89	18.65
4	14.34	14.79	15.90	20.36	18.89	18.65	18.73	27.60	19.67	20.88	25.94	18.36
5	14.16	15.09	15.90	20.09	18.81	19.21	18.52	27.60	19.35	19.71	25.84	18.31
6	13.93	15.23	16.82	19.61	18.81	19.41	18.35	27.47	19.18	18.75	25.69	18.33
7	13.74	15.16	22.93	20.43	18.69	19.23	18.20	27.29	19.27	18.24	25.54	18.42
8	13.61	15.08	24.14	25.62	18.59	18.92	18.32	27.33	19.49	18.11	25.38	18.44
9	13.56	15.18	24.06	26.67	18.53	18.69	19.50	27.36	19.40	18.00	25.11	18.32
10	13.51	15.17	23.42	27.20	18.48	18.53	20.33	27.36	20.12	19.23	24.77	18.14
11	13.51	15.56	22.28	27.59	18.42	18.39	20.24	27.22	20.73	20.76	24.21	18.10
12	13.46	16.42	21.13	27.77	18.36	18.27	19.84	26.90	20.79	21.92	23.40	17.91
13	13.38	16.65	20.03	27.69	18.35	18.34	19.47	26.55	20.65	20.99	22.22	17.91
14	13.31	16.04	19.27	27.42	18.30	20.19	21.04	26.48	20.30	19.98	20.97	18.12
15	13.34	15.84	21.03	27.02	18.31	21.05	22.99	26.34	20.16	19.48	19.82	18.33
16	13.34	15.73	22.01	26.52	18.79	20.76	22.84	25.89	20.20	18.46	19.00	18.25
17	13.28	16.31	21.43	26.01	20.41	20.30	21.91	25.39	19.81	18.48	18.43	18.44
18	13.20	17.27	20.19	25.42	20.95	21.82	20.65	24.79	19.39	18.64	18.13	17.85
19	13.11	16.30	19.45	24.72	20.59	23.21	19.74	23.78	19.08	19.10	18.84	17.76
20	13.01	18.93	19.05	23.80	19.94	22.96	19.25	22.49	18.86	19.15	19.00	17.90
21	12.94	21.35	18.47	22.60	19.48	22.01	19.00	21.21	18.70	18.84	18.44	17.81
22	12.91	20.45	17.95	21.38	19.28	20.73	19.45	20.23	18.57	18.54	18.81	17.34
23	12.89	19.01	17.64	20.34	19.15	19.93	19.69	19.67	18.45	20.37	18.94	15.83
24	12.88	17.81	19.78	19.87	19.07	19.97	19.45	19.40	18.53	20.81	19.01	15.63
25	12.87	17.11	20.91	21.33	18.94	20.16	19.20	19.33	18.79	20.19	18.89	15.48
26	12.87	16.71	21.82	22.27	18.76	19.82	18.95	19.42	19.26	19.20	18.38	15.29
27	12.86	16.52	23.03	21.74	18.60	19.41	18.81	19.33	18.99	18.32	18.14	15.08
28	12.87	16.75	23.97	20.86	18.46	19.11	18.66	19.59	18.88	17.94	18.41	14.89
29	17.90	16.70	24.08	20.27	------	18.90	18.54	20.78	18.73	18.69	18.55	14.70
30	18.98	16.90	23.86	19.88	------	18.73	21.51	22.90	18.55	19.35	18.59	14.49
31	17.26	------	23.39	19.60	------	18.63	------	23.41	------	19.48	18.71	------
MAX	18.98	21.35	24.14	27.77	20.95	23.21	22.99	27.60	22.91	21.92	25.94	18.90
MIN	12.86	14.79	15.90	19.60	18.30	18.16	18.20	19.33	18.45	17.94	18.13	14.49

07383500 Bayou des Glaises diversion channel at Moreauville, La.

LOCATION.--Lat 31°01'59", long 91°58'57", in NE¼ sec.29, T.1 N., R.5 E., Avoyelles Parish, near left bank on downstream side of bridge on State Highway 1 at Moreauville, and 150 ft (46 m) downstream from point of diversion from Bayou des Glaises.

DRAINAGE AREA.--270 mi^2 (699 km^2), see REMARKS.

PERIOD OF RECORD.--July 1943 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.46 ft (7.151 m) above mean sea level, (levels by Louisiana Department of Public Works). Prior to Oct. 31, 1950, nonrecording gage at same site. Prior to Sept. 30, 1961 at datum 4.84 ft (1.475 m) higher. Auxiliary water-stage recorder 2.5 mi (4.0 km) downstream from base gage at different datum.

AVERAGE DISCHARGE.--32 year, 432 ft^3/s (12.23 m^3/s), 313,00 acre-ft/yr (386 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 2,840 ft^3/s (80.4 m^3/s) Jan. 10 (gage height, 16.75 ft or 5.105 m); minimum, 16 ft^3/s (0.091 m^3/s) Nov. 19; (gage height, 2.65 ft or 0.808 m).
Period of record: Maximum discharge, 6,340 ft^3/s (180 m^3/s) May 18, 1953 (gage height, 22.68 ft or 6.913 m, present datum); minimum 2.7 ft^3/s (0.075 m^3/s) Oct. 13, 14, 15, 1973.

REMARKS.--Records good. Diversion channel carries natural flow of Bayou des Glaises except when operation of floodgates, 12 mi (19 km) 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 (9.6 km) downstream. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	60	362	1,240	695	181	269	1,850	709	224	377	365
2	33	59	230	1,200	572	148	276	1,350	686	264	676	349
3	31	58	160	1,160	422	127	314	1,170	644	397	860	217
4	29	58	127	1,140	323	182	199	1,820	581	454	1,120	130
5	27	57	111	1,110	319	517	163	1,610	482	389	1,320	95
6	29	54	415	1,070	388	618	145	1,380	373	298	1,430	167
7	36	54	1,300	1,240	348	624	167	1,330	488	215	1,240	180
8	37	57	1,060	2,380	285	543	398	2,080	644	162	1,210	143
9	37	60	1,020	1,820	228	413	927	1,940	693	146	1,260	121
10	36	61	1,050	2,290	200	300	853	1,610	1,300	147	1,300	100
11	35	74	1,100	2,520	185	224	851	1,490	1,270	363	1,330	88
12	34	194	1,110	1,910	170	182	833	1,430	942	398	1,340	81
13	33	243	1,100	1,680	192	369	806	1,380	883	356	1,310	139
14	32	71	1,060	1,560	229	856	894	1,330	866	347	1,250	188
15	31	29	1,120	1,490	209	862	947	1,290	780	302	1,180	158
16	32	20	1,070	1,460	596	887	866	1,270	961	224	1,100	129
17	32	17	1,020	1,330	917	902	837	1,180	795	158	1,010	189
18	31	17	965	1,250	927	1,130	801	1,110	724	119	939	336
19	31	17	917	1,160	951	1,080	757	1,040	675	103	876	306
20	32	340	862	1,090	947	1,030	709	963	624	198	810	206
21	35	719	802	1,020	911	997	652	892	537	198	746	133
22	37	741	739	953	866	957	658	826	422	142	686	96
23	38	748	847	885	804	906	681	763	436	106	630	79
24	39	779	1,540	987	741	963	661	703	543	108	563	71
25	39	781	1,110	1,520	656	885	602	634	565	131	476	64
26	39	765	1,110	1,130	503	811	494	551	557	154	367	58
27	40	731	1,200	1,020	345	739	379	460	502	143	256	53
28	41	683	1,200	963	238	618	302	436	409	132	184	55
29	45	599	1,200	904	------	454	263	514	312	164	138	54
30	43	496	1,250	842	------	358	594	669	243	219	131	47
31	54	------	1,260	777	------	320	------	712	------	282	327	------
TOTAL	1,105	8,642	28,417	41,101	14,167	19,183	17,298	35,783	19,846	7,043	26,442	4,397
MEAN	35.6	288	917	1,326	506	619	577	1,154	662	227	853	147
MAX	54	781	1,540	2,520	951	1,130	947	2,080	1,300	454	1,430	365
MIN	27	17	111	777	170	127	145	436	243	103	131	47
CFSM	.13	1.07	3.40	4.91	1.87	2.29	2.14	4.27	2.45	.84	3.16	.54
AC-FT	2,190	17,140	56,370	81,520	28,100	38,050	34,310	70,980	39,360	13,970	52,450	8,720

CAL YR 1974 TOTAL 182,338 MEAN 500 MAX 2,300 MIN 17 CFSM 1.85 IN 25.12 AC-FT 361,700
WTR YR 1975 TOTAL 223,424 MEAN 612 MAX 2,520 MIN 17 CFSM 2.27 IN 30.78 AC-FT 443,200

07383500 Bayou des Glaises diversion channel at Moreauville, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.39	3.82	6.44	11.44	8.57	5.07	5.77	14.00	8.65	5.43	6.53	6.58
2	3.32	3.80	5.47	11.27	7.83	4.79	5.81	11.95	8.52	5.73	8.46	6.47
3	3.25	3.79	4.89	11.06	6.85	4.59	6.10	11.12	8.27	6.68	9.49	5.50
4	3.18	3.79	4.59	10.95	6.16	5.03	5.22	13.86	7.89	7.07	10.88	4.70
5	3.13	3.77	4.44	10.82	6.14	7.49	4.92	13.09	7.26	6.64	11.85	4.31
6	3.18	3.73	6.44	10.58	6.63	8.12	4.76	12.10	6.53	5.98	12.33	5.04
7	3.39	3.72	11.76	11.34	6.35	8.15	4.94	11.87	7.29	5.35	11.44	5.19
8	3.42	3.77	10.56	15.57	5.89	7.65	6.61	14.65	8.27	4.91	11.33	4.84
9	3.41	3.81	10.33	13.89	5.46	6.80	9.85	14.29	8.56	4.77	11.55	4.61
10	3.39	3.83	10.51	15.14	5.23	6.01	9.46	13.11	11.70	4.78	11.74	4.37
11	3.36	4.00	10.75	15.88	5.10	5.42	9.45	12.57	11.56	6.43	11.87	4.22
12	3.34	5.16	10.83	14.19	4.98	5.08	9.35	12.34	9.93	6.70	11.91	4.13
13	3.30	5.57	10.75	13.37	5.16	6.34	9.20	12.13	9.62	6.41	11.76	4.76
14	3.28	3.91	10.57	12.91	5.47	9.48	9.68	11.87	9.53	6.34	11.50	5.26
15	3.26	3.18	10.85	12.57	5.31	9.51	9.96	11.68	10.11	6.02	11.14	4.99
16	3.28	2.84	10.61	12.33	7.87	9.64	9.53	11.59	10.03	5.42	10.74	4.69
17	3.27	2.71	10.32	11.86	9.80	9.72	9.37	11.15	9.14	4.88	10.33	5.25
18	3.24	2.68	10.05	11.48	9.85	10.94	9.17	10.79	8.74	4.52	9.93	6.38
19	3.24	2.66	9.80	11.09	9.98	10.67	8.93	10.43	8.45	4.35	9.59	6.17
20	3.27	6.29	9.51	10.72	9.96	10.37	8.65	10.04	8.15	5.19	9.22	5.41
21	3.36	8.71	9.18	10.35	9.77	10.22	8.32	9.67	7.61	5.21	8.88	4.74
22	3.41	8.84	8.83	9.99	9.53	10.01	8.35	9.31	6.86	4.73	8.53	4.32
23	3.43	8.88	9.37	9.63	9.19	9.74	8.49	8.96	6.95	4.38	8.21	4.12
24	3.46	9.05	12.78	10.11	8.84	10.04	8.37	8.62	7.65	4.41	7.81	4.01
25	3.45	9.06	10.82	12.70	8.33	9.63	8.02	8.21	7.79	4.63	7.29	3.92
26	3.47	8.97	10.84	10.92	7.39	9.23	7.34	7.70	7.74	4.84	6.59	3.83
27	3.49	8.78	11.28	10.34	6.33	8.83	6.57	7.11	7.39	4.74	5.81	3.76
28	3.51	8.50	11.28	10.04	5.54	8.12	6.01	6.95	6.77	4.64	5.23	3.78
29	3.57	8.00	11.25	9.73	------	7.07	5.73	7.46	6.09	4.93	4.79	3.77
30	3.54	7.35	11.52	9.40	------	6.42	7.70	8.42	5.58	5.39	4.70	3.67
31	3.73	------	11.54	9.04	------	6.15	------	8.67	------	5.88	6.32	------
MAX	3.73	9.06	12.78	15.88	9.98	10.94	9.96	14.65	11.70	7.07	12.33	6.58
MIN	3.13	2.66	4.44	9.04	4.98	4.59	4.76	6.95	5.58	4.35	4.70	3.67

07384400 State Canal near Krotz Springs, La.

LOCATION.--Lat 30°33'55", long 91°49'55", in NW¼ sec.2, T.6 S., R.7 E., St. Landry Parish, at bridge on U.S. Highway 71, 1.7 mi (2.7 km) upstream from Slow Bayou, 2.0 mi (3.2 km) north of the junction of U.S. Highways 71 and 190, and 5.0 mi (8.0 km) northwest of town of Krotz Springs.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Annual peaks, water years 1960-67, October 1967 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 2.55 ft (0.777 m) above mean sea level. Crest-stage gage prior to 1967 at present datum.

EXTREMES.--Current year: Maximum gage height, 18.59 ft (5.666 m) May 4; minimum, 10.05 ft (3.063 m) Oct. 29.
Period of record: Maximum gage height, 20.64 ft (6.291 m) May 27, 1973; minimum, not determined.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.87	13.24	13.20	15.90	16.14	16.03	17.08	18.54	--	15.50	14.39	12.77
2	11.73	13.12	13.16	15.88	16.04	16.03	17.10	18.57	--	15.43	16.15	12.69
3	11.62	12.92	13.10	15.80	15.93	16.02	17.13	18.57	--	15.56	16.44	12.63
4	11.48	12.73	13.02	15.70	15.84	16.05	17.15	18.58	--	15.92	16.44	12.66
5	11.38	12.58	12.92	15.60	15.74	16.15	17.18	18.55	--	15.84	16.96	12.60
6	11.29	12.40	12.84	15.44	15.65	16.20	17.21	18.52	--	15.71	16.98	12.52
7	11.20	12.20	14.14	15.29	15.57	16.23	17.23	17.97	--	15.50	16.94	12.45
8	11.13	12.06	14.91	16.57	15.53	16.25	17.27	17.96	--	15.35	16.83	--
9	10.87	11.92	15.24	16.84	15.50	16.26	17.40	17.92	--	15.07	16.72	--
10	10.80	11.78	15.62	16.94	15.47	16.28	17.47	17.88	--	15.06	16.58	--
11	10.75	11.81	15.63	17.20	15.48	16.30	17.50	17.84	--	15.12	16.43	--
12	10.73	11.79	15.53	17.32	15.52	16.35	17.53	17.76	--	15.47	16.30	--
13	10.67	11.74	15.36	17.37	15.53	16.35	17.57	--	--	15.65	16.03	--
14	10.61	11.77	15.18	17.39	15.56	16.37	17.63	--	17.05	15.65	15.80	--
15	10.59	11.79	15.34	17.39	15.58	16.40	17.95	--	17.01	15.54	15.49	--
16	10.58	11.70	15.63	17.37	15.68	16.46	18.03	--	17.00	15.46	15.17	--
17	10.56	11.73	15.63	17.33	15.79	16.48	18.05	--	16.95	15.24	14.88	--
18	10.50	12.02	15.50	17.27	15.94	16.73	18.07	--	16.88	14.96	14.61	--
19	10.43	12.30	15.34	17.22	16.07	16.87	18.10	--	16.79	14.67	14.38	--
20	10.35	12.79	15.26	17.14	16.12	16.95	18.08	--	16.70	14.44	14.05	--
21	10.27	13.29	15.13	17.05	16.10	16.99	18.12	--	16.60	14.47	13.95	--
22	10.21	13.86	14.93	16.92	16.13	17.00	18.17	--	16.42	14.03	13.77	--
23	10.18	14.04	14.77	16.84	16.15	17.00	18.16	--	16.27	13.88	13.55	13.04
24	10.17	14.01	14.80	16.70	16.13	17.06	18.14	--	16.12	13.94	13.48	12.98
25	10.16	13.95	15.27	16.64	16.12	17.06	18.12	--	16.02	14.08	13.32	12.80
26	10.15	13.79	15.64	16.53	16.10	17.05	18.07	--	15.97	13.99	13.26	12.65
27	10.15	13.62	15.87	16.49	16.08	17.05	18.00	--	15.87	13.93	13.27	12.52
28	10.15	13.42	16.00	16.44	16.06	17.06	17.94	--	15.75	13.94	13.21	12.37
29	11.58	13.25	16.06	16.36	------	17.07	17.95	--	15.69	14.22	13.14	12.22
30	13.55	13.21	16.04	16.29	------	17.05	17.95	--	15.58	14.15	12.94	12.08
31	13.56	------	15.98	16.23	------	17.07	------	--	------	14.16	12.85	------
MAX	13.56	14.04	16.06	17.39	16.15	17.07	18.17	18.58	--	15.92	16.98	--
MIN	10.15	11.70	12.84	15.29	15.47	16.02	17.08	--	15.58	13.88	12.85	--

07385470 Bayou Teche at Robin, La.

LOCATION.--Lat 31°26'48", long 91°55'22", in lot 51, T.7 S., R.5 E., Louisiana meridian, St. Landry Parish, near center of span on downstream side of bridge on parish road, at Robin, and 3.7 mi (6.0 km) upstream from Bayou Fusilier.

DRAINAGE AREA.--Not determined. See REMARKS.

PERIOD OF RECORD.--October 1974 to current year (elevations only). Unpublished records, November 1947 to September 1974, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Louisiana Geodetic Survey bench mark). Prior to February 4, 1953, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum elevation, 19.66 ft (5.992 m) Jan. 10; minimum, 10.16 ft (3.097 m) Oct. 27.

REMARKS.--Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station via Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya floodway through Big Darbonne Bayou culvert and since April 1956 through Bayou Courtableau drainage structure. Since April 1952, floodflow is diverted from Bayou Rapides, drainage area, 76.1 mi^2 (197 km^2) into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides.

ELEVATION, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.55	12.60	12.74	14.71	14.25	13.90	13.96	18.73	15.67	14.39	15.44	14.17
2	11.43	12.10	12.60	14.65	14.18	13.81	13.93	18.53	15.19	14.79	17.11	14.16
3	11.27	11.75	12.33	14.36	14.09	13.73	14.00	18.22	14.83	15.25	17.11	13.92
4	11.15	11.55	12.05	14.24	14.02	14.11	14.09	17.83	14.56	14.92	16.94	13.73
5	11.07	11.91	11.60	14.01	13.96	14.37	14.01	17.48	14.41	14.34	16.79	13.83
6	10.94	11.76	12.69	13.81	13.89	14.31	13.91	17.14	14.33	13.93	16.24	14.07
7	10.80	11.65	16.46	14.94	13.85	14.25	13.81	16.83	14.28	13.72	15.77	14.13
8	10.69	11.74	16.60	18.60	13.84	14.16	13.86	17.16	14.44	13.72	15.45	14.06
9	10.65	11.80	16.02	18.79	13.82	14.07	14.17	17.37	14.52	13.68	15.21	14.13
10	10.62	11.68	15.18	19.23	13.80	13.99	14.52	17.85	15.05	13.88	15.06	13.98
11	10.60	11.93	14.91	19.36	13.81	13.91	14.54	17.59	15.55	15.72	14.91	13.82
12	10.58	12.15	14.50	18.88	13.83	13.85	14.43	17.03	15.19	17.10	14.72	13.79
13	10.56	12.46	13.86	18.48	13.81	13.80	14.33	16.50	14.93	16.72	14.47	13.80
14	10.53	12.11	13.48	17.69	13.80	14.14	15.81	16.86	14.78	16.07	14.38	13.71
15	10.50	11.93	14.68	17.08	13.78	14.54	16.75	17.55	14.91	15.36	14.17	13.78
16	10.48	11.89	15.02	16.54	13.98	14.57	16.24	17.18	15.13	14.23	13.84	13.85
17	10.46	12.75	14.47	16.21	14.33	14.52	15.56	16.55	14.83	13.94	13.51	13.94
18	10.43	13.65	13.95	15.88	14.37	15.17	14.98	15.97	14.61	13.97	13.29	13.41
19	10.37	12.72	13.62	15.65	14.32	15.52	14.58	15.47	14.49	14.21	13.79	13.29
20	10.31	13.81	13.55	15.41	14.27	15.28	14.38	15.06	14.44	14.48	14.04	13.54
21	10.27	14.64	13.39	15.15	14.25	15.06	14.64	14.76	14.39	14.35	13.75	13.62
22	10.23	14.16	13.22	14.88	14.28	14.75	15.24	14.53	14.26	13.98	14.00	13.48
23	10.21	13.42	13.09	14.64	14.30	14.51	14.93	14.38	14.24	14.26	14.25	12.46
24	10.21	12.87	13.41	14.52	14.25	14.49	14.56	14.28	14.17	14.77	14.35	12.13
25	10.20	12.52	14.43	14.64	14.19	14.51	14.35	14.25	14.33	14.47	14.34	12.02
26	10.19	12.31	15.07	14.96	14.13	14.45	14.22	14.32	14.66	13.94	13.98	11.90
27	10.17	12.21	15.06	14.93	14.06	14.36	14.13	14.27	14.34	13.39	13.71	11.77
28	10.19	12.44	15.32	14.64	13.98	14.28	14.05	14.34	14.14	13.09	13.81	11.64
29	12.77	12.53	15.21	14.48	------	14.19	14.79	14.64	14.11	13.66	13.92	11.52
30	14.64	12.71	14.93	14.38	------	14.07	16.04	15.82	14.01	14.28	14.08	11.39
31	13.48	------	14.72	14.31	------	14.00	------	16.15	------	14.28	14.19	------
MAX	14.64	14.64	16.60	19.36	14.37	15.52	16.75	18.73	15.67	17.10	17.11	14.17
MIN	10.17	11.55	11.60	13.81	13.78	13.73	13.81	14.25	14.01	13.09	13.29	11.39

07385500 Bayou Teche at Arnaudville, La.

LOCATION.--Lat 30°23'50", long 91°55'50", in lot 63, T.7 S., R.5 E., Louisiana meridian, St. Landry Parish, near center of span on downstream side of bridge on State Highway 31, at Arnaudville, and 270 ft (82 m) upstream from Bayou Fusilier.

DRAINAGE AREA.--1,531 mi^2 (3,965 km^2). See REMARKS.

PERIOD OF RECORD.--April 1949 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Louisiana Geodetic Survey bench mark). Prior to May 11, 1949, non-recording 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. Auxiliary water-stage recorder 3.7 mi (6.0 km) upstream from base gage, at same datum.

AVERAGE DISCHARGE.--26 years, 838 ft^3/s (23.73 m^3/s), 607,100 acre-ft/yr (749 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 2,080 ft^3/s (58.91 m^3/s) Jan. 10, maximum elevation, 18.96 ft (5.779 m) Jan. 10; minimum discharge, 243 ft^3/s (6.88 m^3/s) Oct. 25, minimum elevation, 9.90 ft (3.018 m) Oct. 27.
Period of record: Maximum discharge, 4,630 ft^3/s (131 m^3/s) May 24, 1952; maximum elevation, 24.27 ft (7.397 m), May 23, 1953; minimum discharge, 53 ft^3/s (1.50 m^3/s) Aug. 12, 1965, minimum elevation, 6.78 ft (2.067 m) Oct. 28, 1956.

REMARKS.--Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station via Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya floodway through Big Darbonne Bayou culvert and since April 1956 through Bayou Courtableau drainage structure. Since April 1952, floodflow is diverted from Bayou Rapides, drainage area, 76.1 mi^2 (197 km^2), into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. See following page for table of daily elevation. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	533	727	769	1,230	1,150	1,020	1,050	2,030	1,350	1,070	1,300	1,100
2	507	636	739	1,170	1,140	1,000	1,050	1,930	1,300	1,150	1,550	1,100
3	478	568	687	1,130	1,120	990	1,070	1,930	1,220	1,210	1,530	1,040
4	452	534	631	1,100	1,100	1,050	1,090	1,900	1,180	1,200	1,580	1,010
5	437	583	635	1,060	1,090	1,100	1,060	1,870	1,150	1,120	1,540	1,030
6	410	562	774	1,020	1,070	1,120	1,040	1,800	1,130	1,050	1,460	1,030
7	383	542	1,230	1,340	1,060	1,120	1,020	1,730	1,130	1,010	1,410	1,050
8	360	538	1,130	1,750	1,060	1,100	1,030	1,740	1,170	1,010	1,370	1,070
9	351	554	1,160	1,450	1,060	1,080	1,100	1,680	1,180	992	1,330	1,050
10	345	543	1,140	1,800	1,050	1,060	1,180	1,630	1,310	990	1,310	1,040
11	340	575	1,080	1,580	1,030	1,040	1,170	1,650	1,370	922	1,270	1,020
12	338	662	1,020	1,550	995	1,030	1,150	1,630	1,300	848	1,230	1,030
13	331	724	972	1,620	1,010	1,020	1,130	1,570	1,260	840	1,170	1,010
14	323	634	917	1,630	1,000	1,110	1,400	1,580	1,230	958	1,160	1,000
15	321	611	1,060	1,590	1,000	1,190	1,420	1,560	1,210	1,070	1,110	1,020
16	318	605	1,130	1,550	1,030	1,190	1,360	1,530	1,220	984	1,020	1,040
17	315	717	1,100	1,530	1,110	1,170	1,310	1,500	1,220	1,020	956	1,050
18	306	816	1,020	1,490	1,120	1,280	1,260	1,450	1,190	1,050	913	921
19	295	703	956	1,450	1,120	1,360	1,180	1,360	1,160	1,110	1,050	916
20	279	860	927	1,400	1,100	1,330	1,130	1,290	1,140	1,110	1,100	971
21	271	1,000	907	1,340	1,110	1,300	1,160	1,230	1,120	1,110	1,020	985
22	267	925	878	1,280	1,120	1,220	1,120	1,180	1,090	1,050	1,080	940
23	262	848	852	1,230	1,110	1,180	1,150	1,150	1,090	1,140	1,130	700
24	261	762	940	1,200	1,100	1,160	1,160	1,140	1,090	1,150	1,140	652
25	259	709	1,160	1,240	1,090	1,180	1,130	1,140	1,120	1,120	1,130	633
26	259	686	1,150	1,320	1,080	1,160	1,120	1,150	1,070	1,060	1,050	608
27	258	669	1,210	1,310	1,060	1,140	1,100	1,140	1,090	956	974	576
28	259	734	1,290	1,230	1,040	1,130	1,080	1,140	1,090	873	1,020	547
29	855	740	1,260	1,200	------	1,100	1,030	1,240	1,090	1,010	1,040	524
30	1,070	757	1,250	1,180	------	1,070	1,380	1,380	966	1,120	1,080	498
31	850	------	1,220	1,160	------	1,060	------	1,370	------	1,070	1,090	------
TOTAL	12,293	20,524	31,194	42,130	30,125	35,060	34,630	46,620	35,236	32,373	37,113	27,161
MEAN	397	684	1,006	1,359	1,076	1,131	1,154	1,504	1,175	1,044	1,197	905
MAX	1,070	1,000	1,290	1,800	1,150	1,360	1,420	2,030	1,370	1,210	1,580	1,100
MIN	258	534	631	1,020	995	990	1,020	1,140	966	840	913	498
AC-FT	24,380	40,710	61,870	83,560	59,750	69,540	68,690	92,470	69,890	64,210	73,610	53,870

CAL YR 1974 TOTAL 378,479 MEAN 1,037 MAX 2,870 MIN 258 AC-FT 750,700
WTR YR 1975 TOTAL 384,459 MEAN 1,053 MAX 2,030 MIN 258 AC-FT 762,600

07385500 Bayou Teche at Arnaudville, La.--Continued

ELEVATION, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.09	12.04	12.16	13.86	13.42	13.19	13.20	17.86	14.86	13.69	14.66	13.40
2	10.98	11.58	12.02	13.88	13.35	13.11	13.18	17.70	14.36	14.06	16.34	13.39
3	10.84	11.26	11.78	13.59	13.27	13.02	13.24	17.34	14.03	14.54	16.37	13.17
4	10.74	11.08	11.52	13.49	13.20	13.40	13.32	16.89	13.76	14.16	16.12	13.00
5	10.67	11.44	11.46	13.27	13.16	13.64	13.26	16.49	13.62	13.57	15.99	13.08
6	10.56	11.29	12.09	13.08	13.09	13.54	13.17	16.13	13.54	13.18	15.41	13.38
7	10.45	11.18	15.85	13.98	13.06	13.47	13.08	15.82	13.50	12.99	14.92	13.41
8	10.35	11.30	16.07	17.88	13.05	13.39	13.13	16.23	13.63	12.98	14.58	13.31
9	10.32	11.35	15.42	18.27	13.03	13.30	13.40	16.53	13.71	12.96	14.34	13.42
10	10.29	11.22	14.52	18.56	13.02	13.23	13.71	17.14	14.17	13.19	14.19	13.26
11	10.27	11.47	14.27	18.81	13.07	13.16	13.75	16.83	14.70	15.24	14.06	13.08
12	10.26	11.60	13.88	18.31	13.14	13.11	13.64	16.19	14.35	16.76	13.90	13.04
13	10.24	11.88	13.20	17.63	13.10	13.07	13.55	15.60	14.09	16.36	13.66	13.08
14	10.21	11.59	12.82	16.95	13.09	13.35	14.98	16.04	13.95	15.61	13.57	12.98
15	10.19	11.42	14.04	16.28	13.07	13.72	16.04	16.85	14.13	14.77	13.40	13.04
16	10.17	11.38	14.35	15.68	13.27	13.77	15.50	16.45	14.38	13.61	13.11	13.10
17	10.16	12.22	13.75	15.29	13.57	13.73	14.78	15.74	14.03	13.23	12.81	13.19
18	10.13	13.13	13.25	14.96	13.60	14.36	14.16	15.11	13.81	13.22	12.60	12.74
19	10.07	12.21	12.94	14.72	13.55	14.68	13.79	14.62	13.70	13.43	13.00	12.60
20	10.03	13.25	12.89	14.50	13.52	14.43	13.60	14.22	13.68	13.76	13.22	12.81
21	10.00	14.04	12.73	14.25	13.49	14.21	13.88	13.94	13.63	13.60	13.02	12.90
22	9.97	13.59	12.56	14.00	13.51	13.94	14.61	13.73	13.52	13.24	13.22	12.79
23	9.95	12.84	12.45	13.79	13.54	13.71	14.22	13.57	13.50	13.45	13.46	11.91
24	9.95	12.30	12.71	13.67	13.50	13.69	13.79	13.48	13.41	14.03	13.56	11.58
25	9.94	11.97	13.63	13.76	13.44	13.70	13.57	13.45	13.57	13.73	13.56	11.49
26	9.93	11.76	14.39	14.04	13.39	13.65	13.44	13.50	14.00	13.18	13.24	11.39
27	9.91	11.65	14.30	14.03	13.33	13.56	13.35	13.47	13.62	12.66	13.02	11.28
28	9.93	11.84	14.53	13.78	13.26	13.50	13.28	13.55	13.39	12.41	13.07	11.17
29	12.05	11.93	14.43	13.63	------	13.43	14.18	13.76	13.35	12.90	13.18	11.07
30	13.98	12.13	14.11	13.54	------	13.32	15.29	15.00	13.47	13.51	13.33	10.95
31	12.90	------	13.90	13.47	------	13.24	------	15.40	------	13.58	13.43	------
MAX	13.98	14.04	16.07	18.81	13.60	14.68	16.04	17.86	14.86	16.76	16.37	13.42
MIN	9.91	11.08	11.46	13.08	13.02	13.02	13.08	13.45	13.35	12.41	12.60	10.95

07385700 Bayou Teche at Keystone Lock, near St. Martinville, La.

LOCATION.--Lat 30°04'15", long 91°49'45", on line between lots 8 and 17, T.11 S., R.6 E., St. Martin Parish, on right bank of concrete lock and dam, 3.5 mi (5.6 km) south of St. Martinville, and 11 mi (18 km) 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. Datum of gage is mean low Gulf level or 0.78 ft (0.238 m) below mean sea level (Corps of Engineers bench mark).

AVERAGE DISCHARGE.--16 years, 494 ft^3/s (13.99 m^3/s), 357,900 acre-ft/yr (441 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 2,230 ft^3/s (63.15 m^3/s) Jan. 7, gage height, 11.86 ft (3.615 m); minimum, 150 ft^3/s (4.25 m^3/s) Oct. 28, gage height, 9.90 ft (3.018 m).
Period of record: Maximum discharge, 3,970 ft^3/s (112 m^3/s) Sept. 5, 1973, maximum gage height, 15.59 ft (4.752 m) Oct. 4, 1964; minimum discharge, no flow Aug. 10-29, 1962, June 12-16, 1963, July 24, 1964, July 21, 1972.

REMARKS.--Records good. See following page for table of daily gage height. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station via Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya floodway through Big Darbonne Bayou culvert and since April 1956 through Bayou Courtableau Drainage Structure. Since April 1952, floodflow is diverted from Bayou Rapides (drainage area, 76.1 mi^2 or 197 km^2) into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Dependent upon its gradient, Bayou Fusilier interchanges flow between Bayou Teche and Vermilion River. Water for irrigation is diverted through Ruth Canal (see sta 07386700) into Vermilion River. Crest of dam raised from 8.0 ft (2.44 m) to 9.47 ft (2.866 m) in June 1957. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	359	481	479	729	646	615	480	1,240	865	1,000	909	688
2	337	401	461	728	642	617	482	1,240	773	880	1,080	685
3	316	359	432	705	592	571	484	1,190	763	1,040	1,120	662
4	304	329	396	674	604	581	483	1,120	727	957	1,080	634
5	302	361	380	641	612	603	492	1,050	696	764	1,050	674
6	288	360	461	610	610	554	476	978	687	663	1,060	793
7	277	340	928	1,060	591	537	450	918	668	609	1,000	776
8	274	401	1,040	1,700	586	526	535	1,010	739	595	854	697
9	269	381	1,010	1,480	607	502	516	1,050	728	648	820	708
10	269	399	883	1,760	587	503	562	1,210	779	670	801	684
11	269	541	831	1,710	591	487	582	1,120	989	1,430	774	646
12	265	396	766	1,650	636	474	545	1,020	868	1,390	747	629
13	257	410	660	1,450	601	495	532	987	780	1,190	713	634
14	251	418	578	1,280	597	486	970	981	743	1,050	685	621
15	256	369	939	1,150	591	535	1,020	1,020	852	927	677	627
16	236	356	818	1,030	607	585	906	1,030	825	767	647	641
17	227	476	744	953	670	591	781	961	772	638	604	652
18	226	604	650	899	678	803	660	847	732	658	562	619
19	215	539	607	864	678	757	609	744	736	670	507	573
20	209	581	615	815	668	701	556	676	747	696	454	591
21	204	691	566	776	665	652	594	626	712	712	628	611
22	201	710	524	742	635	626	709	589	673	671	642	606
23	201	615	497	710	681	561	682	560	704	657	709	521
24	197	539	510	681	662	588	616	539	668	729	738	435
25	194	474	713	677	652	560	582	533	833	718	721	417
26	185	424	815	705	646	543	540	541	956	451	735	411
27	170	404	789	729	641	532	519	579	771	384	668	403
28	173	412	779	712	634	533	523	569	687	500	659	385
29	303	438	800	690	------	547	652	603	664	562	730	378
30	653	549	771	671	------	507	824	1,210	778	721	754	367
31	632	------	735	659	------	478	------	1,080	------	860	694	------
TOTAL	8,519	13,758	21,177	29,640	17,610	17,650	18,362	27,821	22,915	24,207	23,822	17,768
MEAN	275	459	683	956	629	569	612	897	764	781	768	592
MAX	653	710	1,040	1,760	681	803	1,020	1,240	989	1,430	1,120	793
MIN	170	329	380	610	586	474	450	533	664	384	454	367
AC-FT	16,900	27,290	42,000	58,790	34,930	35,010	36,420	55,180	45,450	48,010	47,250	35,240

CAL YR 1974 TOTAL 233,032 MEAN 638 MAX 2,180 MIN 149 AC-FT 462,200
WTR YR 1975 TOTAL 243,249 MEAN 666 MAX 1,760 MIN 170 AC-FT 482,500

07385700 Bayou Teche at Keystone Lock, near St. Martinville, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.23	10.39	10.39	10.66	10.57	10.54	10.39	11.15	10.80	10.93	10.85	10.62
2	10.21	10.29	10.37	10.66	10.57	10.54	10.39	11.15	10.71	10.82	11.01	10.62
3	10.18	10.24	10.33	10.64	10.51	10.49	10.39	11.10	10.70	10.97	11.04	10.59
4	10.16	10.19	10.28	10.60	10.53	10.50	10.39	11.05	10.66	10.89	11.01	10.56
5	10.16	10.24	10.26	10.57	10.54	10.53	10.40	10.98	10.63	10.70	10.98	10.60
6	10.14	10.24	10.35	10.54	10.54	10.47	10.38	10.91	10.61	10.59	10.99	10.73
7	10.12	10.21	10.87	10.92	10.51	10.45	10.35	10.86	10.60	10.53	10.93	10.71
8	10.12	10.29	10.97	11.51	10.51	10.44	10.45	10.94	10.67	10.52	10.79	10.63
9	10.11	10.26	10.94	11.34	10.53	10.41	10.43	10.97	10.66	10.58	10.76	10.64
10	10.11	10.28	10.82	11.54	10.51	10.41	10.48	11.13	10.71	10.60	10.74	10.62
11	10.11	10.46	10.77	11.51	10.51	10.40	10.50	11.04	10.92	11.27	10.71	10.57
12	10.11	10.28	10.70	11.47	10.56	10.38	10.46	10.95	10.81	11.27	10.68	10.56
13	10.09	10.30	10.59	11.32	10.53	10.41	10.45	10.92	10.72	11.11	10.65	10.56
14	10.08	10.31	10.50	11.18	10.52	10.40	10.89	10.92	10.68	10.98	10.62	10.55
15	10.09	10.25	10.87	11.07	10.51	10.45	10.96	10.95	10.79	10.87	10.61	10.55
16	10.06	10.23	10.76	10.97	10.53	10.51	10.84	10.96	10.76	10.70	10.58	10.57
17	10.05	10.38	10.68	10.89	10.60	10.51	10.72	10.90	10.71	10.57	10.53	10.58
18	10.04	10.53	10.58	10.84	10.61	10.74	10.59	10.79	10.67	10.59	10.48	10.54
19	10.03	10.46	10.53	10.80	10.61	10.69	10.53	10.68	10.67	10.60	10.42	10.49
20	10.01	10.50	10.54	10.75	10.60	10.63	10.48	10.61	10.68	10.63	10.35	10.51
21	10.01	10.62	10.49	10.71	10.59	10.58	10.52	10.55	10.65	10.65	10.55	10.54
22	10.00	10.64	10.44	10.68	10.56	10.55	10.64	10.51	10.60	10.60	10.57	10.53
23	10.00	10.54	10.41	10.64	10.61	10.48	10.61	10.48	10.64	10.59	10.64	10.43
24	9.99	10.46	10.42	10.61	10.59	10.51	10.54	10.46	10.60	10.66	10.67	10.33
25	9.99	10.38	10.65	10.61	10.58	10.48	10.50	10.45	10.76	10.65	10.66	10.31
26	9.97	10.32	10.75	10.64	10.57	10.46	10.46	10.46	10.89	10.35	10.67	10.30
27	9.94	10.29	10.73	10.66	10.57	10.45	10.43	10.50	10.71	10.26	10.60	10.29
28	9.95	10.30	10.72	10.65	10.56	10.45	10.44	10.49	10.62	10.41	10.59	10.27
29	10.15	10.34	10.74	10.62	------	10.47	10.58	10.53	10.59	10.48	10.66	10.26
30	10.58	10.47	10.71	10.60	------	10.42	10.75	11.11	10.70	10.65	10.69	10.25
31	10.56	------	10.67	10.59	------	10.39	------	11.01	------	10.80	10.63	------
MAX	10.58	10.64	10.97	11.54	10.61	10.74	10.96	11.15	10.92	11.27	11.04	10.73
MIN	9.94	10.19	10.26	10.54	10.51	10.38	10.35	10.45	10.59	10.26	10.35	10.25

07386700 Ruth Canal near Ruth, La.

LOCATION.--Lat 30°14'35", long 91°53'05", in NE¼NW¼ lot 95, T.9 S., R.6 E., St. Martin Parish, near center of span on downstream side of bridge on State Highway 31, 1,200 ft (370 m) above control structure, 1,500 ft (460 m) downstream from point of diversion from Bayou Teche, 0.4 mi (0.6 km) northwest of Ruth, and 2.2 mi (3.5 km) south of Breaux Bridge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1959 to current year. Gage heights only May 1945 to June 1946 (fragmentary), January 1947 to September 1960 in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark). Auxiliary water-stage recorder 150 ft (46 m) below control structure at same datum. Nov. 4, 1965, to July 11, 1973, auxiliary nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--16 years, 137 ft^3/s (3.88 m^3/s), 99,260 acre-ft/yr (122 hr^3/yr).

EXTREMES.--Current year: Maximum daily discharge, 178 ft^3/s (5.04 m^3/s) May 27; minimum daily, 21 ft^3/s (0.59 m^3/s) Oct. 15-28.
Period of record: Maximum daily discharge, 802 ft^3/s (22.7 m^3/s) Apr. 21, 1966; minimum daily, 18 ft^3/s (0.51 m^3/s) Sept. 3-5, Oct. 22 to Nov. 7, 1963, July 27-30, 1965, July 4-9, 1969, Oct. 20, 21, 1972.

REMARKS.--Records good. Total flow through control structure diverted from Bayou Teche. Diversions are for irrigation.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	25	25	28	27	27	25	161	145	30	30	27
2	23	24	25	29	27	27	25	162	81	30	32	27
3	23	23	25	28	30	26	25	160	29	31	31	27
4	23	23	24	28	27	26	25	158	28	30	32	27
5	22	23	24	27	27	26	25	159	28	28	32	27
6	22	23	25	27	27	26	25	161	28	27	32	28
7	22	23	31	30	26	26	25	165	27	27	31	28
8	22	24	32	37	27	25	25	163	28	26	30	28
9	22	24	32	37	27	25	25	158	28	27	29	28
10	22	24	30	39	26	25	26	157	29	27	29	27
11	22	25	30	39	27	25	26	154	30	34	29	27
12	22	25	29	38	27	25	26	151	30	37	28	27
13	22	25	30	36	27	25	26	151	29	34	28	27
14	22	24	27	35	27	25	30	150	28	32	28	27
15	21	24	30	34	27	26	31	151	29	31	27	27
16	21	24	30	32	27	26	30	151	29	29	27	27
17	21	25	29	31	27	26	29	151	29	27	26	27
18	21	27	27	31	28	28	159	151	28	27	26	27
19	21	26	27	30	27	28	163	157	28	28	25	26
20	21	26	27	30	27	28	169	163	28	28	25	27
21	21	28	26	29	27	27	167	166	28	28	27	26
22	21	28	26	29	28	26	158	170	28	27	27	26
23	21	27	26	28	28	26	159	172	28	27	28	25
24	21	26	26	28	27	26	164	173	27	28	28	24
25	21	25	28	28	27	26	169	176	28	28	28	24
26	21	25	30	28	27	26	172	177	30	24	28	24
27	21	24	30	29	27	26	174	178	28	23	27	24
28	21	24	30	28	27	26	175	174	28	25	27	24
29	23	25	30	28	------	26	156	173	27	26	28	23
30	28	26	30	28	------	25	150	161	28	28	28	23
31	27	------	29	28	------	25	------	149	------	29	28	------
TOTAL	684	745	870	957	760	806	2,584	5,003	1,019	883	881	786
MEAN	22.1	24.8	28.1	30.9	27.1	26.0	86.1	161	34.0	28.5	28.4	26.2
MAX	28	28	32	39	30	28	175	178	145	37	32	28
MIN	21	23	24	27	26	25	25	149	27	23	25	23
AC-FT	1,360	1,480	1,730	1,900	1,510	1,600	5,130	9,920	2,020	1,750	1,750	1,560

CAL YR 1974 TOTAL 33,531 MEAN 91.9 MAX 186 MIN 21 AC-FT 66,510
WTR YR 1975 TOTAL 15,978 MEAN 43.8 MAX 178 MIN 21 AC-FT 31,690

07386880 Vermilion River at Surrey Street, at Lafayette, La.

LOCATION.--Lat 30°13'02", long 91°59'34", between lots 76 and 142, T.9 S., R.5 E., Lafayette Parish, at bridge on Surrey Street, at Lafayette, 0.6 mi (1.0 km) north of Lafayette Airport, and 1.4 mi (2.3 km) upstream from Coulee des Poches.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1967 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 0.74 ft (.226 m), above mean sea level (levels by Corps of Engineers).

EXTREMES.--Maximum and minimum gage heights for water-years 1968-75 are contained in the following table:

Water year	Maximum			Minimum		
	Date	Gage height (feet)	(metres)	Date	Gage height (feet)	(metres)
1968a	Jan. 1	10.05	3.063	Feb. 8	1.88	.573
1969	Apr. 13	12.97	3.953	Oct. 25, 26, 29, Nov. 4, 9, 10, 12, 13, 19, 20, Jan. 10	2.06	.628
1970	June 2	8.51	2.594	Nov. 20	.79	.241
1971	Sept. 16	11.46	3.493	May 1	1.52	.463
1972	Dec. 6	14.00	4.267	Nov. 25	2.15	.655
1973	Mar. 24	13.30	4.054	Oct. 20	2.86	.872
1974	Feb. 7	12.40	3.780	Dec. 17	2.14	.652
1975	Jan. 8	12.07	3.679	Oct. 16	2.14	.652

a Period Dec. 14 to Sept. 30.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1967 TO SEPTEMBER 1968

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				8.35	4.25	4.82	4.36	4.39	4.35	4.09	3.67	3.71
2				9.83	4.01	3.87	5.04	4.08	4.62	4.09	3.43	3.62
3				9.41	3.10	4.75	5.43	4.11	4.46	4.42	3.54	3.72
4				9.13	4.20	4.76	5.67	4.24	4.22	3.78	3.89	4.36
5				8.72	4.00	4.93	5.31	3.81	3.80	3.70	3.68	7.31
6				8.29	3.74	4.90	4.24	4.32	4.01	3.64	3.48	5.86
7				7.62	2.70	5.62	4.78	5.00	4.10	3.45	3.50	4.90
8				6.73	1.98	5.30	4.82	4.65	4.21	3.33	3.58	4.37
9				6.28	2.72	5.14	4.58	4.98	4.29	3.31	3.56	4.14
10				8.52	3.37	5.06	5.50	5.16	4.08	3.20	3.78	4.23
11				8.10	3.54	5.12	4.87	5.21	4.62	3.24	3.65	4.59
12				7.79	3.02	5.00	4.74	5.45	4.24	3.29	3.37	4.33
13				7.16	4.27	3.65	5.02	5.28	4.22	3.43	3.73	4.39
14				6.28	3.64	3.88	5.09	5.01	4.19	3.86	4.12	4.12
15			7.11	5.51	4.10	4.59	4.51	4.66	4.25	4.26	4.54	4.21
16			5.63	5.27	3.02	4.32	4.23	4.50	4.31	4.22	4.37	4.67
17			5.66	5.00	3.38	4.01	4.76	4.44	4.35	3.91	4.18	4.51
18			5.73	4.87	3.97	4.43	4.95	4.62	5.97	3.64	4.07	3.99
19			5.64	5.09	4.21	4.47	4.71	4.18	5.39	3.62	3.83	3.08
20			9.10	4.77	4.09	4.43	4.94	3.90	5.07	3.69	3.73	3.55
21			7.89	4.42	3.83	4.49	4.52	3.97	4.77	3.78	4.17	3.62
22			8.22	4.57	4.08	7.31	4.94	4.23	5.03	3.36	3.60	4.08
23			7.62	4.67	3.99	6.96	4.71	4.48	5.09	3.87	4.03	4.46
24			6.81	3.43	3.05	6.41	4.36	4.35	5.36	3.78	3.95	4.35
25			6.18	3.18	3.56	5.80	3.84	5.00	5.57	4.47	3.93	4.13
26			5.58	4.58	3.90	5.35	4.40	4.82	4.78	4.38	3.97	3.91
27			5.28	4.40	3.19	5.05	4.22	4.58	4.26	4.00	3.89	3.51
28			8.59	4.51	3.62	4.87	4.27	4.40	4.02	3.70	3.71	3.59
29			8.01	4.41	6.21	4.62	4.55	4.06	4.15	3.33	4.10	3.68
30			7.90	4.25	------	4.47	4.44	4.22	4.23	3.18	4.50	3.27
31			8.59	4.01	------	4.41	------	4.13	------	3.43	4.08	------
MAX			--	9.83	6.21	7.31	5.67	5.45	5.97	4.47	4.54	7.31
MIN			--	3.18	1.98	3.65	3.84	3.81	3.80	3.18	3.37	3.08

07386880 Vermilion River at Surrey Street at Lafayette, La.--Continued

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1968 TO SEPTEMBER 1969

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.12	3.56	9.28	4.09	4.46	6.70	4.21	7.37	4.08	3.48	3.70	3.83
2	3.67	3.38	8.34	4.01	4.90	6.07	4.37	6.73	4.23	3.50	3.67	3.51
3	3.77	3.97	7.78	4.37	6.85	5.84	4.06	6.19	3.99	3.26	3.79	3.36
4	3.28	2.59	7.30	3.23	5.54	4.94	4.36	6.68	4.51	2.99	3.75	3.74
5	3.50	3.13	6.26	2.53	4.83	4.56	4.92	6.36	4.92	3.10	3.43	3.60
6	4.55	4.24	5.54	3.93	4.61	8.34	8.59	9.33	4.61	3.43	3.55	3.53
7	3.60	3.22	4.99	3.59	3.88	8.10	7.47	8.59	4.49	3.23	3.74	3.40
8	4.04	2.83	4.03	3.72	4.25	7.67	6.51	10.79	4.47	3.09	3.42	3.07
9	4.06	2.46	4.18	3.82	3.23	6.99	6.10	10.32	4.30	2.61	3.45	2.73
10	3.83	2.55	4.21	2.07	3.43	5.90	5.58	9.94	3.94	2.44	3.27	2.92
11	3.88	4.60	3.85	2.90	3.92	5.31	5.53	9.64	3.78	5.19	2.93	2.85
12	3.96	2.06	4.15	2.97	3.68	4.75	5.27	9.29	3.98	3.56	3.04	2.84
13	4.36	2.30	6.67	3.54	3.88	4.67	12.90	8.89	4.14	2.75	3.32	3.17
14	4.56	3.51	6.55	3.52	5.64	4.40	11.93	8.46	4.06	2.56	3.92	3.70
15	4.43	4.13	4.95	4.01	9.27	4.89	11.55	7.88	3.93	2.53	3.75	4.14
16	4.24	4.06	4.13	4.15	8.20	7.53	11.31	7.27	3.41	2.56	3.79	3.86
17	4.52	4.03	4.23	6.80	7.68	7.30	12.61	7.78	3.63	2.66	3.91	3.71
18	3.18	4.09	4.33	6.96	6.86	8.86	12.28	7.85	3.87	2.90	3.06	3.49
19	3.00	2.09	6.61	6.04	5.70	8.36	11.86	7.11	3.51	3.91	4.04	3.90
20	3.54	2.84	5.78	4.63	5.09	8.05	11.52	6.33	3.57	4.08	4.77	3.49
21	3.44	3.64	5.15	4.04	5.19	7.54	11.23	5.46	3.30	4.00	4.13	3.39
22	3.87	3.60	5.31	6.43	10.94	6.91	10.82	5.07	3.22	4.05	3.73	3.35
23	3.87	3.70	4.22	5.95	9.62	6.46	10.38	4.79	3.54	5.25	4.16	3.37
24	4.10	3.90	3.12	4.90	9.30	7.25	9.97	4.47	3.50	5.66	3.33	3.25
25	2.72	3.08	3.56	3.72	8.99	6.33	9.58	4.17	3.76	4.95	3.22	3.02
26	2.96	3.94	4.06	4.01	8.55	5.31	9.15	4.34	3.88	4.20	4.04	3.34
27	3.65	4.58	4.43	4.37	8.01	4.78	8.75	4.39	3.82	3.89	4.25	3.74
28	3.38	4.60	4.29	4.05	7.48	4.55	9.36	4.12	3.21	3.82	4.41	3.64
29	2.06	2.73	3.21	4.37	------	4.72	8.67	4.15	3.15	3.46	4.40	3.62
30	3.27	3.34	4.21	4.68	------	4.56	8.04	3.95	3.02	4.47	4.28	3.50
31	2.96	------	4.51	4.50	------	3.96	------	3.74	------	4.45	4.24	------
MAX	4.56	4.60	9.28	6.96	10.94	8.86	12.90	10.79	4.92	5.66	4.77	4.14
MIN	2.06	2.06	3.12	2.07	3.23	3.96	4.06	3.74	3.02	2.44	2.93	2.73

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1969 TO SEPTEMBER 1970

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.84	3.49	3.01	2.75	4.13	3.79	5.24	5.61	5.27	3.34	3.50	4.91
2	3.97	2.77	2.73	3.67	5.40	4.21	5.11	4.50	7.77	3.51	3.55	5.93
3	4.02	3.31	3.15	3.08	3.59	4.43	4.28	4.39	7.92	2.89	4.63	5.36
4	3.91	2.84	3.12	3.37	2.23	7.16	4.86	4.43	7.09	2.79	5.00	7.52
5	3.07	3.21	4.16	4.25	4.39	5.62	4.47	4.53	6.53	2.75	4.11	5.99
6	3.29	3.49	4.70	5.17	4.02	4.90	3.76	4.76	5.76	2.70	3.46	4.82
7	4.34	3.80	4.67	4.19	3.45	5.44	3.71	4.65	5.31	2.61	3.30	4.39
8	4.20	3.24	4.10	2.79	3.54	6.37	3.46	4.65	5.07	2.62	3.26	4.01
9	4.07	3.55	4.95	3.37	3.20	5.55	3.78	4.89	4.63	2.51	3.71	3.73
10	4.46	3.51	4.97	2.98	2.19	5.29	4.15	5.49	4.35	3.17	4.03	3.75
11	5.12	3.71	4.74	4.39	2.82	5.35	4.57	5.56	4.51	2.98	3.60	3.57
12	5.02	3.86	3.73	4.20	2.98	5.58	4.29	5.46	5.35	3.11	3.49	4.12
13	5.44	3.72	3.75	3.20	3.14	4.91	4.44	5.32	5.22	3.58	3.14	4.11
14	3.23	2.67	3.66	3.41	3.78	4.44	4.41	5.12	4.71	3.81	3.06	4.02
15	2.95	1.05	3.54	3.45	3.77	4.60	4.46	5.30	3.86	4.16	3.33	4.02
16	3.66	1.05	3.29	3.61	3.46	4.65	4.86	5.27	3.44	3.70	3.44	5.16
17	3.51	1.05	3.40	3.74	1.00	5.83	5.03	5.08	3.84	3.31	3.30	4.90
18	3.23	1.05	3.58	3.70	3.01	5.94	4.89	5.18	4.00	3.51	3.45	4.52
19	3.72	1.05	3.26	3.39	3.36	5.73	5.89	5.09	3.71	3.85	3.67	4.55
20	4.00	.79	3.25	3.13	2.20	5.52	5.44	5.16	3.91	3.68	3.54	4.71
21	3.88	2.61	4.92	2.74	2.66	5.35	4.96	5.25	3.92	3.39	3.73	4.72
22	3.56	3.43	3.47	3.12	3.20	5.51	5.10	5.44	4.22	3.54	3.82	4.75
23	3.16	3.69	3.77	3.76	2.81	4.95	5.25	5.51	3.97	3.49	3.53	4.46
24	3.20	3.89	3.74	3.44	3.01	4.61	5.19	5.48	4.03	3.94	3.24	5.87
25	4.13	3.72	4.40	3.42	4.08	4.55	4.88	5.43	4.64	3.71	5.31	6.09
26	4.52	3.61	2.81	3.36	2.53	4.60	5.18	5.12	6.99	3.67	3.92	5.41
27	4.59	3.66	3.03	3.04	3.33	4.00	5.02	5.03	6.01	3.92	3.13	4.86
28	3.96	3.18	4.30	3.41	3.69	5.00	5.29	4.82	5.10	3.56	3.30	4.10
29	3.70	2.59	4.54	3.48	------	4.96	5.17	5.14	4.09	3.20	3.98	3.99
30	4.37	2.79	4.27	2.31	------	4.72	5.35	4.97	3.47	2.95	6.24	4.10
31	4.87	------	2.58	1.00	------	4.72	------	4.92	------	3.14	5.43	------
MAX	5.44	3.89	4.97	5.17	5.40	7.16	5.89	5.61	7.92	4.16	6.24	7.52
MIN	2.95	.79	2.58	1.00	1.00	3.79	3.46	4.39	3.44	2.51	3.06	3.57

07386880 Vermilion River at Surrey Street at Lafayette, La.--Continued

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.31	6.89	4.28	6.88	3.27	4.42	5.15	1.94	3.84	3.50	6.00	3.23
2	4.37	6.33	4.24	6.21	4.05	4.54	4.80	2.94	3.71	3.12	6.00	4.21
3	4.25	5.58	4.12	5.77	4.51	4.58	4.20	2.81	3.97	3.52	7.52	3.80
4	4.29	4.94	3.88	5.55	4.07	3.18	5.23	3.09	3.72	3.61	7.32	3.89
5	4.27	4.33	3.44	4.09	4.70	3.88	4.86	4.37	3.49	3.20	7.41	4.02
6	4.49	4.04	3.55	3.25	4.40	4.71	3.78	4.89	3.16	2.73	7.20	3.82
7	5.20	4.30	2.98	3.16	6.61	3.49	3.10	4.78	3.28	2.49	6.80	3.89
8	4.84	4.35	4.16	3.37	5.88	2.65	3.39	4.04	3.06	3.56	6.25	4.59
9	4.68	4.55	4.18	4.33	4.47	3.67	3.79	3.89	3.29	3.17	8.70	4.58
10	3.10	4.03	3.94	4.79	3.68	5.72	3.89	4.14	3.05	4.00	7.99	5.27
11	3.80	3.68	4.56	4.50	3.98	5.80	3.91	5.42	3.39	4.77	7.30	5.13
12	5.89	4.12	5.10	4.13	5.19	5.23	3.85	6.50	3.54	4.31	6.57	5.16
13	8.61	3.94	3.59	4.31	6.73	5.10	3.79	5.99	3.09	3.46	5.95	4.30
14	8.21	7.23	3.70	4.22	6.10	4.23	4.04	5.31	3.11	3.25	5.52	3.71
15	7.86	6.22	4.28	3.95	5.76	3.99	3.56	5.14	2.80	3.11	5.19	4.07
16	7.51	4.92	5.40	2.92	4.93	3.24	3.67	4.88	2.99	2.95	4.92	6.36
17	6.92	4.45	4.09	3.95	4.38	3.88	4.52	4.65	2.82	2.61	4.58	11.11
18	6.34	4.44	4.24	3.88	4.18	4.27	4.81	4.90	2.83	2.38	3.96	10.28
19	5.98	4.07	4.42	2.88	4.67	6.24	4.67	5.15	2.72	2.31	3.78	9.99
20	5.81	4.37	4.15	2.65	4.54	5.47	4.53	4.47	2.95	2.24	3.74	9.90
21	5.38	3.42	4.13	4.19	5.24	4.81	4.54	3.81	2.65	2.29	3.76	9.74
22	5.13	4.21	4.05	4.00	4.89	4.64	4.29	3.60	2.00	2.57	3.75	9.57
23	5.02	3.64	4.29	4.28	3.13	4.07	4.33	3.68	2.12	4.04	3.73	9.44
24	5.29	2.03	6.03	4.44	3.42	4.41	3.30	4.65	2.05	4.77	3.61	9.24
25	4.44	3.29	6.55	4.47	4.40	5.10	3.24	4.31	2.91	4.79	3.78	8.95
26	4.27	4.35	5.82	4.39	4.27	4.54	3.83	3.75	2.71	4.56	3.56	8.31
27	4.82	4.09	5.22	4.00	5.04	4.04	3.63	4.21	2.95	5.22	3.62	8.00
28	9.59	4.43	5.06	4.22	4.58	4.54	3.59	3.97	3.25	5.08	3.64	7.37
29	8.63	4.52	4.70	3.85	------	4.52	3.57	3.36	3.59	5.08	3.53	6.72
30	8.06	4.23	5.51	3.89	------	4.79	3.62	3.80	3.49	5.32	3.50	6.18
31	7.52	------	7.92	3.77	------	4.83	------	3.88	------	5.81	3.37	------
MAX	9.59	7.23	7.92	6.88	6.73	6.24	5.23	6.50	3.97	5.81	8.70	11.11
MIN	3.10	2.03	2.98	2.65	3.13	2.65	3.10	1.94	2.00	2.24	3.37	3.23

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.79	4.27	4.72	7.71	9.13	4.76	5.40	6.96	4.11	2.78	--	--
2	5.51	4.49	5.91	8.16	9.09	7.72	4.91	6.13	4.54	3.14	--	--
3	5.19	4.22	9.69	7.97	8.85	7.93	4.67	8.19	4.42	3.53	--	--
4	5.01	3.21	8.67	7.72	8.35	7.14	4.66	7.48	4.84	3.37	--	--
5	6.18	3.95	8.40	8.43	7.75	6.44	4.25	7.08	4.75	2.46	--	--
6	5.77	4.41	13.98	7.67	7.26	5.47	4.33	6.57	4.51	2.24	--	--
7	5.19	3.95	13.89	6.96	9.27	5.52	4.40	5.99	3.64	2.65	--	--
8	5.04	2.80	13.72	6.41	8.40	5.59	3.88	6.81	3.17	3.32	--	--
9	4.99	4.10	13.48	6.10	7.68	6.97	3.27	5.79	3.08	3.39	--	--
10	4.09	3.20	13.22	5.81	6.93	6.41	4.37	5.31	3.39	3.46	--	--
11	3.10	3.34	13.01	8.82	6.30	5.67	4.22	5.45	3.48	3.56	--	--
12	3.88	3.75	12.75	7.97	7.09	5.06	4.09	6.79	3.72	3.88	--	--
13	3.65	3.62	12.52	7.49	7.76	4.62	3.88	9.91	4.93	3.62	--	--
14	3.55	4.19	12.32	6.84	7.47	4.37	4.35	9.21	5.41	--	--	--
15	3.71	4.56	12.12	5.97	6.94	4.02	4.42	8.78	5.53	--	--	--
16	3.85	4.51	11.89	5.13	8.17	9.35	4.86	8.28	6.01	--	--	--
17	7.91	4.67	11.68	5.33	7.92	8.23	3.51	7.71	7.88	--	--	--
18	7.68	5.09	11.43	5.23	7.13	8.07	3.87	7.16	6.71	--	--	--
19	7.95	4.86	11.18	4.88	6.21	8.01	4.17	6.65	5.78	--	--	--
20	7.79	3.82	11.63	7.37	5.23	7.74	3.85	6.05	5.02	--	--	--
21	7.45	3.83	11.43	10.43	5.19	9.19	4.45	5.53	4.59	--	--	--
22	6.62	3.42	11.05	9.73	4.66	8.85	4.29	5.13	3.94	--	--	--
23	5.91	4.09	10.73	9.45	4.20	8.31	3.57	4.58	3.36	--	--	--
24	5.29	3.60	10.45	9.23	4.50	7.64	3.82	4.27	3.53	--	--	--
25	4.77	2.71	10.10	8.88	4.36	8.52	3.12	4.18	3.33	--	--	--
26	4.61	4.01	9.74	8.39	4.43	8.38	3.63	3.93	3.17	--	--	--
27	4.63	4.23	9.40	7.79	3.78	8.27	4.36	3.85	3.06	--	--	4.74
28	4.33	4.03	9.07	7.16	3.59	7.87	5.05	4.05	3.14	--	--	5.10
29	4.28	5.35	8.65	7.06	3.68	7.17	9.12	4.04	3.10	--	--	4.81
30	3.87	4.40	8.22	8.81	------	6.35	8.00	4.08	3.06	--	--	4.54
31	4.21	------	7.93	9.41	------	5.84	------	4.07	------	--	--	------
MAX	7.95	5.35	13.98	10.43	9.27	9.35	9.12	9.91	7.88	--	--	--
MIN	3.10	2.71	4.72	4.88	3.59	4.02	3.12	3.85	3.06	--	--	--

07386880 Vermilion River at Surrey Street at Lafayette, La.--Continued

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.03	4.64	--	--	7.30	4.83	11.06	8.04	9.09	4.23	3.70	4.50
2	3.86	4.60	--	--	8.21	4.75	10.77	7.69	7.85	4.58	3.82	4.64
3	3.91	--	--	--	7.40	5.09	10.49	8.18	7.51	4.45	3.71	4.74
4	4.08	--	--	--	6.82	6.84	10.11	8.13	7.13	4.35	4.02	5.82
5	4.16	--	--	--	6.25	8.05	9.65	7.92	6.59	4.11	4.33	11.83
6	4.01	--	--	--	5.66	7.72	9.33	7.71	6.22	5.23	4.06	12.47
7	3.81	--	--	--	5.31	7.67	9.93	7.52	5.70	4.86	3.77	12.25
8	3.06	--	--	--	5.25	7.06	9.69	9.07	5.30	4.38	3.91	12.22
9	3.80	--	--	--	7.20	9.04	9.32	8.77	6.13	4.19	3.78	12.03
10	4.14	--	--	--	7.51	8.80	8.78	8.63	6.04	3.71	3.52	11.85
11	4.45	--	--	--	7.20	9.12	8.30	8.38	6.01	3.43	3.51	11.74
12	4.68	--	--	--	6.85	9.00	7.80	8.05	5.51	3.18	3.77	11.50
13	4.58	--	--	--	6.52	8.79	7.22	8.13	5.44	3.31	3.80	12.35
14	4.30	--	--	--	6.69	8.60	6.61	7.49	5.27	3.57	3.79	12.30
15	3.94	--	--	4.81	6.80	8.16	6.32	6.81	5.06	3.38	4.29	11.95
16	3.60	--	--	4.79	6.18	7.91	6.29	6.15	5.54	3.47	4.42	11.69
17	3.67	--	--	5.88	5.59	7.58	10.22	5.63	5.76	3.49	4.96	11.46
18	3.55	--	--	5.93	5.34	6.45	12.26	5.78	5.70	3.13	4.54	11.16
19	3.79	--	--	5.43	5.18	6.05	11.47	5.78	5.26	3.13	4.35	10.84
20	3.02	--	--		5.02	5.78	11.28	5.40	5.00	3.33	4.11	10.48
21	4.51	--	--		4.49	6.22	11.18	5.15	5.12	4.29	3.83	10.08
22	5.36	--	--		4.25	5.54	11.02	5.05	4.52	3.78	3.78	9.65
23	6.90	--	--		4.36	5.55	10.81	4.89	4.46	4.10	3.65	9.24
24	5.86	--	--	4.67	4.22	10.35	10.59	4.89	4.54	3.71	3.91	9.07
25	4.72	--	--	4.73	4.26	13.01	10.37	4.68	4.32	3.09	3.80	8.57
26	4.62	--	--	6.74	4.22	12.32	10.09	4.79	3.96	3.47	3.90	7.98
27	5.92	--	--	5.82	4.16	11.90	9.66	5.66	3.79	3.63	3.96	7.27
28	5.22	--	--	6.17	4.16	11.69	9.19	5.40	3.86	3.71	4.05	6.98
29	4.68	--	--	5.67	------	11.59	8.80	4.29	3.82	3.68	4.05	8.66
30	4.71	--	--	4.81	------	11.41	8.39	4.31	3.88	3.89	3.90	8.49
31	4.74	------	--	4.99	------	11.27	------	4.54	------	4.28	4.14	------
MAX	6.90	--	--	--	8.21	13.01	12.26	9.07	9.09	5.23	4.96	12.47
MIN	3.02	--	--	--	4.16	4.75	6.29	4.29	3.79	3.09	3.51	4.50

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.89	3.75	4.56	--	11.05	4.40	5.58	4.72	5.42	3.76	--	5.44
2	7.89	4.55	4.52	--	11.04	4.36	8.14	4.62	5.08	3.82	--	--
3	7.28	4.38	5.01	--	11.08	4.40	6.86	4.46	4.46	4.12	--	--
4	6.30	4.16	5.68	--	10.72	4.52	6.31	4.06	4.34	5.02	--	--
5	5.64	8.40	5.10	--	10.50	4.58	5.20	4.28	4.48	4.50	--	--
6	5.11	9.03	4.12	--	10.38	4.84	4.40	4.34	4.76	5.48	--	--
7	4.79	8.50	4.10	--	12.38	4.46	4.64	4.20	5.30	7.24	--	--
8	4.61	9.12	3.54	--	11.78	4.78	5.12	4.44	5.82	8.00	--	--
9	4.77	9.42	3.72	--	11.26	4.64	3.96	4.30	6.14	7.56	--	--
10	4.76	9.44	3.84	--	10.98	4.52	4.18	4.48	5.40	7.32	--	--
11	5.00	9.43	3.56	--	10.76	4.58	5.44	6.07	4.24	6.82	--	--
12	6.95	9.38	4.60	--	10.50	4.24	5.76	5.02	4.00	6.18	--	--
13	6.66	9.15	4.54	--	10.22	3.82	9.37	4.50	3.96	5.52	--	--
14	8.21	8.81	3.92	--	9.88	4.00	8.20	5.60	4.20	5.00	--	--
15	8.41	8.36	4.64	--	9.52	4.20	8.80	5.54	4.20	4.80	--	--
16	7.98	7.68	3.02	--	9.48	4.40	8.34	5.56	3.94	4.66	--	--
17	7.32	6.83	2.14	--	9.02	3.86	7.68	5.32	3.76	4.52	--	--
18	6.40	6.20	4.42	--	8.66	4.38	7.08	5.02	5.66	4.36	--	--
19	5.81	5.54	4.88	--	8.42	4.62	6.68	4.70	6.08	3.88	--	--
20	5.27	5.69	5.44	--	7.84	4.24	6.42	4.56	5.92	3.76	--	--
21	4.86	6.74	4.48	--	7.42	4.46	6.34	4.96	5.48	3.82	3.44	--
22	4.47	6.50	4.24	--	7.30	3.24	6.22	5.38	4.90	3.68	3.62	--
23	4.07	6.34	4.72	--	6.30	4.14	5.86	4.94	5.26	3.84	4.06	--
24	4.41	5.94	5.26	--	5.92	4.25	5.48	4.98	5.28	3.96	3.94	--
25	4.57	5.88	8.34	11.64	5.00	4.56	5.20	4.78	4.54	4.04	3.74	--
26	4.57	5.98	8.10	11.70	4.30	5.16	5.07	4.96	4.26	3.74	4.78	--
27	4.54	6.00	7.96	12.00	4.50	7.30	4.96	5.02	4.26	10.14	5.60	--
28	4.84	5.84	7.84	11.70	4.68	7.26	5.15	4.78	4.20	--	5.06	--
29	3.93	4.74	7.76	11.62	------	6.96	5.20	4.80	3.90	--	4.90	--
30	4.17	4.80	7.40	11.40	------	6.32	4.98	4.64	3.96	--	6.34	--
31	4.93	------	6.96	11.24	------	5.84	------	4.92	------	--	6.18	------
MAX	8.41	9.44	8.34	--	12.38	7.30	9.37	6.07	6.14	--	--	--
MIN	3.93	3.75	2.14	--	4.30	3.24	3.96	4.06	3.76	--	--	--

07386880 Vermilion River at Surrey Street at Lafayette, La.--Continued

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	--	5.60	3.42	5.20	4.50	4.04	4.82	8.53	8.65	8.15	7.21	5.63
2	--	5.22	2.50	4.94	4.44	3.84	4.74	8.19	8.17	6.97	8.27	4.97
3	3.98	5.22	2.98	5.64	4.42	3.98	4.44	8.26	7.32	7.78	8.56	4.73
4	4.42	5.08	3.22	4.88	4.30	5.10	3.88	8.22	6.54	7.54	8.31	5.17
5	4.84	4.62	3.56	4.56	4.38	6.14	4.40	8.07	6.07	7.12	8.35	5.19
6	4.80	4.38	4.32	4.82	4.28	5.78	4.46	7.84	5.54	6.46	8.13	6.33
7	4.50	4.04	8.76	4.68	2.82	5.38	4.44	7.47	5.05	5.69	7.79	6.96
8	3.98	4.00	7.60	12.04	4.00	4.70	5.30	7.68	4.73	4.94	7.21	6.28
9	3.60	5.20	7.28	10.60	4.78	4.38	5.40	7.95	4.76	4.45	6.52	6.23
10	3.84	5.10	7.00	10.42	3.68	5.38	5.06	8.70	5.10	4.42	6.13	6.18
11	3.84	5.80	7.44	11.56	4.80	4.56	5.28	8.48	6.34	5.93	6.64	5.78
12	4.10	4.20	7.38	11.18	4.88	5.00	4.68	8.38	6.10	10.63	6.12	5.44
13	4.03	3.48	6.72	11.18	3.94	5.18	4.70	8.20	5.43	9.97	5.51	5.28
14	4.36	4.64	5.94	10.88	4.30	4.18	5.44	8.23	5.10	9.70	5.04	4.82
15	4.58	3.42	8.78	10.66	4.44	3.88	8.24	8.77	5.49	9.48	4.68	4.70
16	2.86	4.56	8.02	10.42	4.98	4.86	7.68	8.49	7.09	9.18	4.69	4.63
17	3.54	5.42	7.36	10.11	5.16	4.56	7.54	8.27	6.48	8.70	4.69	5.01
18	3.94	6.58	6.44	9.76	4.94	6.26	7.14	7.98	6.07	8.15	4.17	4.71
19	3.76	6.02	6.02	9.50	4.62	6.78	6.78	7.44	5.65	7.41	3.91	4.91
20	3.78	6.00	5.68	8.94	4.06	6.01	5.86	6.81	5.81	7.77	4.77	4.82
21	4.12	6.10	5.62	8.26	4.98	5.70	5.88	6.32	5.45	7.22	4.09	4.36
22	4.12	5.90	5.26	7.74	5.20	5.44	6.80	5.89	5.17	6.36	4.19	4.56
23	4.44	5.48	4.94	7.00	5.60	5.32	6.82	5.55	5.18	5.98	4.99	3.01
24	4.20	4.94	4.88	6.34	4.04	5.70	6.50	5.30	5.47	6.45	5.53	3.66
25	4.28	4.04	5.18	6.20	2.92	5.06	5.94	5.11	5.55	6.84	5.47	4.28
26	3.80	3.18	7.50	5.70	3.80	4.96	5.46	5.03	6.76	7.04	6.06	4.57
27	4.14	4.46	7.18	5.48	3.88	6.00	5.34	4.78	6.30	6.47	6.88	4.32
28	4.54	4.08	6.78	5.32	3.94	6.04	5.30	5.10	5.99	5.94	6.49	4.08
29	5.72	4.68	6.66	5.08	------	5.94	6.64	5.65	5.62	5.19	5.75	3.82
30	5.72	4.84	6.12	4.74	------	5.10	7.54	8.26	5.10	5.27	5.46	3.58
31	6.00	------	5.66	4.74	------	4.20	------	9.16	------	6.92	6.11	------
MAX	6.00	6.58	8.78	12.04	5.60	6.78	8.24	9.16	8.65	10.63	8.56	6.96
MIN	2.86	3.18	2.50	4.56	2.82	3.84	3.88	4.78	4.73	4.42	3.91	3.01

07386935 Vermilion River at State Highway 3073, near Lafayette, La.

LOCATION.--Lat 30°09'45", long 92°03'20", between lots 68 and 69, T.10 S., R.4 E., Lafayette Parish, at bridge on State Highway 3073, 4.1 mi (6.6 km) downstream from Coulee Mine, 4.8 mi (7.7 km) southwest of Central School at Lafayette, and 5.1 (8.2 km) downstream from Pinhook Bridge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1967 to current year (gage height only).

GAGE.--Water-stage recorder. Altitude of gage is 0.5 ft (0.152 m) from topographic map.

EXTREMES.--Maximum and minimum gage heights for water years 1968-75 are contained in the following table:

Water year	Maximum			Minimum		
	Date	Gage height (feet)	(metres)	Date	Gage height (feet)	(metres)
1968a	Oct. 30	10.24	3.121	Feb. 8	1.36	.415
1969	Apr. 13	13.81	4.209	Nov. 19	1.24	.378
1970	June 2	8.50	2.591	Feb. 17	1.32	.402
1971	Sept. 16	11.79	3.594	June 24	.96	.293
1972	Dec. 6	15.63	4.764	Nov. 24	2.20	.671
1973	Mar. 24	14.64	4.462	July 12	2.51	.765
1974	Feb. 7	12.67	3.831	Dec. 17	1.87	.570
1975	Jan. 8	12.82	3.908	Dec. 2	1.93	.588

a Period Oct. 26 to Sept. 30.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1967 TO SEPTEMBER 1968

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		7.12	4.02	7.09	4.22	3.40	3.51	3.49	3.66	3.38	3.79	4.00
2		6.16	4.75	9.55	3.77	3.12	4.09	3.09	4.02	3.51	3.57	3.91
3		5.69	3.07	8.14	2.89	4.34	4.87	3.15	3.71	3.87	3.70	4.03
4		4.20	3.17	7.62	4.02	3.47	5.29	3.40	3.40	3.24	4.02	4.40
5		4.27	4.12	7.01	3.80	3.95	4.64	2.96	3.11	3.35	3.76	7.27
6		4.47	4.38	6.81	3.51	4.32	3.33	3.76	3.69	3.25	3.57	5.44
7		4.40	3.93	6.01	2.40	4.56	4.27	4.62	3.75	3.09	3.40	4.47
8		4.17	3.88	5.09	1.62	4.29	4.33	4.20	3.68	2.93	3.45	4.11
9		3.90	4.22	5.27	2.55	4.36	3.94	4.86	3.65	2.90	3.41	3.93
10		4.10	8.11	8.03	3.22	4.35	4.75	5.11	3.38	2.74	3.63	3.90
11		4.25	6.03	6.58	3.42	4.69	3.73	4.74	3.56	2.77	3.51	4.02
12		3.86	4.40	6.28	3.09	4.28	4.26	4.72	3.24	2.89	3.25	4.16
13		3.55	4.80	5.51	4.29	2.46	4.59	4.57	3.43	3.05	3.69	4.49
14		3.60	5.02	4.57	3.62	3.27	4.46	4.20	3.32	3.61	4.24	4.25
15		3.64	6.77	4.18	4.19	4.07	3.55	3.73	3.51	4.10	4.68	4.38
16		4.11	4.88	4.31	2.81	3.71	3.36	3.54	3.62	4.18	4.49	4.82
17		4.30	5.36	4.24	3.23	3.45	4.07	3.51	3.71	3.98	4.30	4.68
18		3.87	5.43	4.56	3.94	4.11	4.34	3.83	4.54	3.77	4.14	3.70
19		3.86	5.11	4.50	3.94	4.19	4.06	3.25	4.45	3.72	3.93	3.20
20		4.23	9.17	4.12	3.81	4.33	4.40	2.94	4.19	3.83	3.77	3.71
21		4.40	7.24	4.01	3.47	4.53	3.93	3.41	4.12	3.80	3.95	3.78
22		4.33	7.60	4.27	3.83	5.29	4.67	3.82	4.45	3.21	3.42	4.29
23		4.24	5.98	4.32	3.72	5.07	4.48	4.18	4.30	3.71	3.70	4.43
24		4.26	5.18	2.71	2.47	4.88	3.26	3.92	4.95	3.55	3.70	4.35
25		3.79	5.08	2.96	3.54	4.78	3.51	4.35	4.96	4.14	3.63	4.05
26	3.64	3.81	6.65	4.42	3.72	4.08	4.24	3.89	4.08	4.17	3.67	3.83
27	4.32	3.76	4.76	4.24	3.10	4.31	3.91	3.70	3.33	3.88	3.63	3.67
28	3.18	2.89	7.89	4.46	3.85	4.23	3.88	3.47	3.12	3.59	3.48	3.91
29	4.52	4.59	6.58	4.30	5.65	3.72	3.72	3.02	3.40	3.22	4.22	4.00
30	9.00	4.70	6.37	4.07	------	3.70	3.27	3.25	3.53	3.14	4.65	3.56
31	8.93	------	8.14	3.96	------	3.75	------	3.17	------	3.38	4.35	------
MAX	--	7.12	9.17	9.55	5.65	5.87	5.29	5.11	4.96	4.18	4.68	7.27
MIN	--	2.89	3.07	2.71	1.62	2.46	3.26	2.94	3.11	2.74	3.25	3.20

07386935 Vermilion River at State Highway 3073, near Lafayette, La.--Continued

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1968 TO SEPTEMBER 1969

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.45	3.67	9.37	3.05	4.42	5.39	4.15	5.59	3.39	3.19	3.32	3.84
2	3.97	3.51	7.81	3.95	4.85	5.10	4.12	5.10	3.61	3.07	3.47	3.74
3	3.95	4.10	6.79	4.40	6.64	5.11	3.68	4.80	3.22	2.91	3.70	3.62
4	3.38	2.66	5.80	2.97	4.63	3.66	4.05	6.22	3.98	2.73	3.81	3.96
5	3.69	3.26	5.00	2.40	4.35	4.06	4.99	5.62	4.48	3.09	3.49	3.82
6	4.73	4.39	4.80	3.98	4.35	8.23	8.16	9.21		3.63	3.61	3.79
7	3.69	3.38	4.36	3.58	3.47	7.17	6.03	7.59	3.89	3.60	3.84	3.64
8	4.24	2.95	3.22	3.72	4.07	6.35	5.07	10.86	4.35	3.40	3.38	3.08
9	4.17	2.65	4.18	3.82	2.81	5.64	5.23	9.42	3.97	2.89	3.45	2.72
10	3.87	2.72	4.19	1.77	3.30	4.54	4.71	8.18	3.35	2.89	3.10	2.90
11	4.01	4.69	3.92	2.93	3.80	4.30	4.67	7.60	3.22	5.17	2.76	2.85
12	4.12	1.83	4.30	3.01	3.58	3.90	4.74	7.14	3.67	3.43	2.76	2.89
13	4.52	2.39	6.70	3.63	3.87	4.11	13.73	6.91	3.54	2.67	3.13	3.22
14	4.71	3.62	5.75	3.59	5.95	3.98	11.82	6.49	3.28	2.41	3.73	3.88
15	4.59	4.26	3.84	4.13	9.16	4.83	10.46	5.87	3.10	2.34	3.62	4.27
16	4.43	4.18	3.66	4.27	7.05	7.42	9.39	5.40	2.54	2.54	3.68	4.05
17	4.66	4.03	4.02	5.83	6.14	6.57	12.20	6.96	2.97	2.64	3.88	3.94
18	3.13	4.07	4.26	6.12	5.44	8.49	10.99	6.62	3.23	2.81	2.81	3.80
19	3.21	2.01	6.15	5.32	4.44		9.78	5.65	2.87	3.71	4.23	4.19
20	3.72	2.89	5.27	4.13	4.18	6.17	9.18	5.05	3.04	3.96	4.93	3.76
21	3.60	3.66	5.00	3.86	4.67	5.64	8.93	4.15	2.90	3.95	4.33	3.67
22	4.04	3.74	5.12	5.77	11.20	5.26	8.44	3.96	3.06	3.96	3.95	3.62
23	4.00	3.89	3.41	5.21	8.96	5.37	7.98	3.84	3.79	4.90	4.27	3.49
24	4.14	4.08	2.39	4.36	7.85	6.57	7.67	3.57	3.78	5.14	3.42	3.30
25	2.75	3.22	3.39	3.24	7.25	4.96	7.49	3.64	4.07	4.38	3.49	3.12
26	2.96	4.19	4.09	3.91	6.86	3.68	7.23	3.72	4.15	3.73	4.05	3.42
27	3.73	4.75	4.43	4.40	6.55	3.53	7.04	3.59	4.07	3.53	4.21	3.86
28	3.50	4.60	4.13	4.03	6.24	3.56	8.42	3.51	3.15	3.44	4.38	3.76
29	2.08	2.67	3.00	4.43	------	4.09	6.77	3.74	2.91	3.09	4.39	3.75
30	3.37	3.49	4.23	4.79	------	3.97	6.21	3.28	2.63	3.31	4.26	3.66
31	3.07	------	3.85	4.45	------	3.38	------	3.00	------	3.68	4.25	------
MAX	4.73	4.75	9.37	6.12	11.20	8.49	13.73	10.86	4.48	5.17	4.93	4.27
MIN	2.08	1.83	2.39	1.77	2.81	3.38	3.68	3.00	2.63	2.34	2.76	2.72

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1969 TO SEPTEMBER 1970

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.00	3.55	3.11	2.63	4.20	3.69	4.99	5.58	5.01	3.27	3.44	4.74
2	4.11	2.98	2.88	3.56	5.25	4.18	4.60	4.03	7.84	3.16	3.49	5.94
3	4.16	3.48	3.24	2.74	2.97	4.41	--	3.90	7.51	2.60	4.83	5.14
4	4.04	3.03	3.15	3.21	2.36	7.28	4.78	3.40	6.41	2.54	5.01	7.60
5	3.24	3.42	4.27	4.21	4.62	5.30	4.15	3.44	5.69	2.54	4.04	5.77
6	3.45	3.72	4.94	5.17	4.23	4.40	3.13	3.74	4.75	2.50	3.41	4.67
7	4.28	4.01	4.43	3.18	3.72	5.23	3.19	3.47	4.33	2.37	3.26	4.43
8	3.98	3.40	4.08	2.57	3.67	5.59	2.99	3.68	4.23	2.47	3.36	4.19
9	4.16	3.69	4.95	3.46	2.97	4.43	3.30	4.15	3.74	2.39	3.96	3.98
10	4.55	3.64	4.89	2.93	1.91	4.36	3.75	5.05	3.61	3.38	4.25	3.99
11	5.20	3.86	4.70	4.65	2.67	4.40	4.08	5.10	4.03	3.07	3.86	3.76
12	5.06	4.05	3.79	3.69	2.82	4.52	3.73	4.96	5.30	3.30	3.73	4.29
13	5.56	3.97	3.85	2.86	3.02	3.45	3.73	4.75	4.95	3.72	3.43	4.08
14	2.91	2.85	3.74	3.19	3.73	3.04	3.59	4.47	4.16	4.03	3.34	3.85
15	3.12	1.46	3.56	3.24	3.68	3.62	3.85	4.94	3.44	3.90	3.34	3.90
16	3.86	3.40	3.27	3.53	3.30	3.76	4.43	4.78	3.02	3.51	3.30	5.25
17	3.72	3.88	3.36	3.67	1.61	5.60	4.67	4.13	3.64	3.11	3.19	4.82
18	3.45	4.27	3.59	3.61	3.18	5.02	4.72	4.44	3.56	3.38	3.36	4.40
19	3.95	2.75	3.25	3.29	3.35	5.12	5.88	--	3.08	3.77	3.59	4.59
20	4.22	2.76	3.20	3.25	2.07	4.71	4.69	4.52	3.34	3.61	3.51	4.87
21	4.12	2.88	5.03	2.72	2.69	4.28	4.18	4.54	3.43	3.36	3.79	4.87
22	3.68	3.47	3.06	3.20	3.44	4.32	4.77	4.74	3.76	3.22	3.89	4.93
23	3.21	3.86	4.06	3.92	2.85	3.83	4.73	4.78	3.57	3.46	3.78	4.56
24	3.31	4.02	3.97	3.60	3.03	3.63	4.58	4.90	3.63	4.02	3.68	5.35
25	4.34	3.87	4.68	3.41	3.97	3.73	4.15	4.76	4.26	3.92	5.19	5.60
26	4.73	3.80	2.30	3.33	2.22	3.70	4.76	4.25	7.06	3.79	3.83	4.95
27	4.69	3.87	3.44	3.03	3.21	3.81	4.63	4.18	5.72	4.03	3.17	4.39
28	4.03	3.23	4.47	3.41	3.58	4.55	5.01	4.09	4.73	3.59	3.58	3.46
29	3.98	2.77	6.75	3.47	------	4.41	4.89	4.86	3.65	3.22	4.08	3.56
30	4.66	2.79	4.22	2.18	------	4.12	5.39	4.56	3.15	2.93	6.13	3.84
31	5.06	------	2.11	1.94	------	4.81	------	4.46	------	3.10	5.20	------
MAX	5.56	4.27	5.03	5.17	5.25	7.28	5.88	5.58	7.84	4.03	6.13	7.60
MIN	2.91	1.46	2.11	1.94	1.61	3.04	2.99	3.40	3.02	2.37	3.17	3.44

07386935 Vermilion River at State Highway 3073, near Lafayette, La.--Continued

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.16	5.82	4.48	5.55	3.16	4.01	4.61	1.35	3.56	2.38	4.90	3.38
2	4.30	5.43	4.49	5.31	4.02	4.16	4.13	2.09	3.44	2.06	5.23	4.19
3	4.23	4.56	4.39	5.33	4.53	4.02	3.68	1.99	3.43	3.64	6.80	3.82
4	4.40	3.80	3.95	5.10	4.02	2.03	5.05	1.89	3.34	3.63	6.38	3.86
5	4.56	3.07	3.69	3.14	4.63	3.69	4.52	3.18	3.15	2.90	6.25	3.88
6	4.83	3.49	3.67	2.46	4.38	4.52	3.01	3.69	2.97	2.40	5.95	3.57
7	5.38	4.14	3.03	2.68	6.65	2.94	1.94	4.06	3.01	2.16	5.54	3.88
8	5.11	4.36	4.24	3.09	5.19	2.61	2.77	3.74	2.77	2.98	4.98	4.45
9	4.66	4.57	4.25	4.13	3.39	3.89	3.29	3.56	2.95	2.66	8.48	4.69
10	3.23	3.70	3.96	4.71	2.97	4.56	3.17	3.73	2.74	3.20	6.97	5.42
11	4.16	3.73	4.62	4.33	4.01	4.46	3.26	4.63	2.90	3.99	5.94	5.27
12	6.08	4.10	5.01	4.00	5.15	4.42	3.19	6.02	3.19	3.58	5.22	5.12
13	8.28	4.10	3.46	4.34	5.44	4.82	3.15	6.19	2.71	2.78	4.65	4.39
14	7.45	7.01	3.98	4.20	4.40	3.83	3.52	5.84	2.33	2.29	4.39	3.86
15	6.65	5.20	4.76	3.82	4.74	3.69	3.05	5.64	2.01	1.96	4.08	4.26
16	6.00	3.75	5.22	2.63	4.06	2.94	3.29	5.35	2.07	1.77	3.96	6.06
17	5.51	4.20	3.63	3.87	3.82	3.81	4.39	5.07	1.72	1.38	3.61	11.20
18	5.42	4.38	4.38	3.77	3.87	4.25	4.82	4.92	1.53	1.19	3.42	9.66
19	5.44	4.39	4.32	2.61	4.52	5.75	4.61	4.85	1.50	1.18	3.40	8.61
20	5.19	4.44	4.06	2.53	4.37	3.90	4.55	4.30	1.70	1.19	3.50	8.33
21	4.97	3.72	4.07	4.15	5.34	3.47	4.60	3.70	1.67	2.19	3.59	7.88
22	4.88	4.47	3.97	3.93	4.69	4.09	4.21	3.52	1.05	2.37	3.67	7.69
23	4.89	3.63	4.22	4.23	2.95	3.68	4.22	3.51	1.36	3.47	3.66	7.66
24	5.25	1.34	5.31	4.40	3.68	3.84	3.16	4.11	1.19	4.07	3.54	7.78
25	4.24	3.74	5.51	4.38	4.65	4.95	3.10	3.95	2.09	4.12	3.76	7.79
26	4.30	4.37	4.43	4.38	4.75	3.84	3.77	3.53	1.96	3.93	3.57	7.00
27	4.94	4.14	4.67	4.08	4.31	3.76	3.43	4.10	2.11	4.26	3.78	7.15
28	9.71	4.48	4.95	4.39	3.97	3.99	3.42	3.92	2.46	4.22	3.86	6.45
29	8.09	4.48	4.72	3.87	------	3.86	3.51	3.38	2.74	4.27	3.72	5.82
30	6.76	4.47	5.10	3.78	------	3.42	2.86	3.55	2.54	4.43	3.71	5.40
31	6.26	------	7.42	3.64	------	4.00	------	3.62	------	4.62	3.58	------
MAX	9.71	7.01	7.42	5.55	6.65	5.75	5.05	6.19	3.56	4.62	8.48	11.20
MIN	3.23	1.34	3.03	2.46	2.95	2.03	1.94	1.35	1.05	1.18	3.40	3.38

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.09	4.41	4.91	6.23	7.57	4.75	4.38	6.14	3.63	2.66	5.75	3.79
2	4.92	4.66	5.86	7.74	7.54	7.58	3.97	5.50	4.17	3.08	5.00	3.93
3	4.66	4.23	9.66	6.80	7.10	7.07	3.97	7.79	4.06	3.67	4.85	4.03
4	4.58	3.39	7.60	6.69	6.28	5.78	4.16	6.00	4.65	3.52	4.67	4.19
5	5.53	4.23	7.08	7.61	6.01	5.23	3.39	5.59	4.58	2.74	3.75	3.76
6	5.00	4.62	15.51	6.09	6.08	4.33	3.91	5.49	4.52	2.50	2.97	3.46
7	4.69	4.12	14.08	5.58	9.29	4.84	4.15	5.04	3.74	2.96	2.97	3.94
8	4.91	3.01	13.18	5.37	6.99	4.89	3.63	6.45	3.25	3.62	2.88	3.88
9	5.03	4.34	12.31	5.29	6.25	5.84	3.15	4.97	3.13	3.37	2.93	3.86
10	3.90	3.49	11.55	5.09	5.66	5.23	4.51	4.42	3.39	3.47	3.07	3.45
11	3.32	3.56	11.01	8.61	5.30	4.78	4.36	4.77	3.27	3.42	3.24	4.38
12	4.15	3.97	10.46	6.82	6.49	4.45	3.95	6.57	3.48	3.71	3.42	4.88
13	3.92	3.85	10.15	6.34	6.54	4.26	3.77	10.08	4.75	3.51	3.70	5.04
14	3.85	4.41	9.96	5.72	5.96	4.18	4.32	8.33	5.31	3.87	3.42	4.96
15	3.91	4.60	9.92	4.65	5.84	4.02	4.28	7.28	5.32	4.06	3.39	4.64
16	4.08	4.55	9.70	3.77	8.01	9.21	4.73	6.67	5.30	4.19	3.92	4.52
17	6.73	4.92	9.52	4.92	7.01	6.85	3.15	6.13	7.48	4.41	4.02	4.45
18	6.47	5.34	9.18	4.85	5.89	6.13	3.62	5.71	5.79	4.60	3.98	4.29
19	6.73	4.83	8.97	4.47	4.75	6.10	4.00	5.43	5.21	4.68	3.79	3.90
20	6.65	3.82	10.50	7.10	3.89	6.02	3.80	4.75	4.72	4.86	3.54	3.71
21	6.27	4.03	9.95	10.55	4.50	9.30	4.52	4.32	4.36	4.58	3.11	3.66
22	5.64	3.66	9.01	8.63	3.91	7.89	4.22	4.09	3.26	4.08	2.75	3.72
23	5.28	4.49	8.59	7.79	3.64	6.62	3.61	3.51	2.99	3.94	3.22	4.42
24	4.69	3.58	8.44	7.48	4.25	5.99	3.87	3.55	3.32	3.50	3.01	4.96
25	4.54	3.12	8.11	7.21	4.22	7.86	2.99	3.64	3.10	3.14	3.52	5.39
26	4.53	4.31	7.78	6.77	4.42	6.70	3.72	3.23	2.97	3.02	3.60	5.35
27	4.73	4.18	7.57	6.41	3.59	6.67	4.40	3.33	2.71	3.30	3.66	4.90
28	4.50	4.25	7.36	6.02	3.53	6.27	5.06	3.41	2.84	3.48	3.52	5.19
29	4.46	5.17	6.99	6.08	3.69	5.67	9.24	3.45	2.76	3.39	3.55	4.97
30	4.03	4.37	6.79	8.48	------	4.81	7.40	3.46	2.81	3.57	3.77	4.68
31	4.36	------	6.47	8.82	------	4.57	------	3.51	------	6.97	3.94	------
MAX	6.73	5.34	15.51	10.55	9.29	9.30	9.24	10.08	7.48	6.97	5.75	5.39
MIN	3.32	3.01	4.91	3.77	3.53	4.02	2.99	3.23	2.71	2.50	2.75	3.45

07386935 Vermilion River at State Highway 3073, near Lafayette, La.--Continued

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.97	4.89	3.28	5.00	7.06	4.89	9.03	6.74	9.11	3.61	3.24	4.64
2	4.06	4.74	4.46	4.82	7.68	4.85	8.60	6.56	6.87	4.05	3.39	4.81
3	4.14	4.66	4.35	5.66	6.00	4.73	8.53	7.02	6.41	3.88	3.36	4.91
4	4.33	3.93	4.45	5.19	5.35	7.54	8.07	6.53	6.16	3.86	3.88	6.15
5	4.42	4.60	5.19	5.10	5.15	7.41	7.43	6.19	5.61	3.71	4.32	12.74
6	4.12	5.12	10.34	5.02	4.71	--	7.44	6.24	5.11	4.60	4.12	13.15
7	3.86	5.12	8.40	4.66	4.48	--	9.74	7.87	4.60	4.36	3.90	12.09
8	3.13	3.80	7.52	5.05	4.68	--	8.33	8.34	4.68	4.13	3.94	11.38
9	3.92	4.74	7.16	4.06	6.78	--	7.62	--	5.41	3.90	3.80	10.69
10	4.35	5.01	6.75	3.95	6.53	--	6.55	--	5.11	3.35	3.43	10.17
11	4.74	3.80	6.01	4.27	6.01	--	6.18	--	5.38	2.77	3.58	9.89
12	4.89	4.46	5.86	3.70	5.84	--	6.04	--	4.80	2.54	3.63	9.48
13	4.80	5.04	6.37	3.92	5.87	--	5.59	--	4.83	2.71	3.65	11.50
14	4.54	6.23	5.80	4.32	6.11	--	5.34	--	4.59	2.94	3.52	10.94
15	4.23	4.54	7.30	4.23	5.69	--	5.45	--	4.29	2.83	3.79	9.89
16	3.87	4.66	6.10	4.10	5.13	--	5.75	--	4.59	2.92	4.17	9.44
17	3.90	4.35	5.09	4.63	4.63	--	10.34	--	4.65	2.93	4.81	9.17
18	3.83	5.19	5.23	5.05	4.79	--	12.54	--	4.53	2.79	4.35	8.80
19	3.98	8.35	5.21	4.80	4.57	--	10.53	--	4.22	2.84	4.27	8.50
20	3.29	6.07	5.19	4.88	4.47	--	9.82	--	4.04	3.12	4.15	8.28
21	4.73	5.36	9.67	5.98	3.93	--	9.55	--	4.40	3.83	4.03	--
22	5.61	4.47	8.01	5.36	3.78	--	9.31	--	3.76	3.79	3.92	--
23	6.63	3.78	6.71	4.87	3.93	4.98	8.93	--	3.91	4.25	3.87	--
24	5.36	4.51	6.64	4.09	3.87	10.58	8.69	--	4.24	3.85	4.12	--
25	4.37	6.16	5.96	4.45	3.90	12.47	8.56	--	4.07	3.28	3.97	--
26	4.89	5.23	5.60	6.71	3.93	10.62	8.22	--	3.58	3.47	3.92	--
27	5.95	4.39	4.84	5.06	3.85	--	7.57	--	3.43	3.45	3.85	--
28	4.85	5.21	4.85	5.77	3.94	9.56	7.02	--	3.26	3.26	4.04	--
29	4.85	4.16	5.15	4.40	------	9.52	6.90	--	3.09	3.20	4.01	--
30	4.97	3.86	5.54	3.96	------	9.28	6.77	--	3.13	3.24	3.97	--
31	4.96	------	5.90	4.71	------	9.25	------	--	------	3.67	4.29	------
MAX	6.63	8.35	10.34	6.71	7.68	12.47	12.54	--	9.11	4.60	4.81	13.15
MIN	2.97	3.78	3.28	3.70	3.78	--	5.34	--	3.09	2.54	3.24	--

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.75	3.82	4.31	--	8.95	4.15	4.91	4.62	5.48	3.53	5.66	4.94
2	7.18	4.70	4.48	--	9.83	4.22	8.04	4.68	4.56	3.65	4.94	4.64
3	6.48	4.53	5.09	--	9.65	4.26	6.16	4.53	3.82	3.68	4.71	6.98
4	5.58	4.31	5.67	--	8.67	4.52	5.72	4.04	3.71	4.20	4.43	5.33
5	5.08	7.34	4.74	--	8.45	4.56	4.03	4.32	3.90	3.79	3.99	4.73
6	4.74	8.68	3.83	--	8.55	4.94	3.22	3.76	4.20	4.32	4.08	4.19
7	4.64	7.15	3.93	--	12.67	4.60	4.24	3.70	5.18	5.85	4.06	4.37
8	4.54	7.65	3.96	--	10.71	4.70	4.58	3.99	5.77	7.21	4.53	10.13
9	4.87	7.84	3.72	--	9.18	4.31	3.19	3.70	6.21	6.05	4.44	10.78
10	4.78	7.51	3.91	--	8.76	4.15	3.82	4.20	5.06	5.63	4.67	9.64
11	5.20	7.55	3.66	--	8.63	4.15	5.41	6.13	3.77	5.34	4.53	8.76
12	7.04	7.69	4.73	--	8.41	3.65	5.67	4.33	3.69	4.94	4.09	7.98
13	6.91	7.48	4.60	--	8.26	3.15	9.75	3.96	3.89	4.40	3.95	7.63
14	8.29	7.27	3.96	--	8.01	3.53	7.98	5.54	4.16	4.02	5.32	7.33
15	8.10	6.99	4.73	--	7.75	3.79	8.25	5.38	4.17	4.35	4.56	6.87
16	7.02	6.36	2.69	--	8.03	3.94	7.20	5.47	3.90	4.31	3.95	6.46
17	6.23	5.85	1.87	--	7.16	3.46	6.19	5.30	3.60	4.17	3.61	6.02
18	5.50	5.58	4.53	--	7.10	4.14	5.72	4.94	4.21	3.77	3.43	5.57
19	5.30	5.11	5.02	--	7.15	4.66	5.56	4.59	4.77	3.24	3.50	5.16
20	5.01	5.65	4.87	--	6.28	4.14	5.52	4.44	4.60	3.20	3.36	5.07
21	4.76	6.32	3.28	--	6.52	4.18	5.64	4.87	4.42	3.31	3.46	4.89
22	4.48	5.98	4.20	--	6.29	2.98	5.61	5.17	4.08	3.24	3.66	4.52
23	4.10	6.00	4.75	--	4.88	4.22	5.00	4.40	4.32	3.50	4.23	3.83
24	4.54	5.70	5.32	--	5.12	3.85	4.58	4.60	4.36	3.74	4.16	4.64
25	4.68	5.80	8.25	11.50	3.89	3.67	4.30	4.36	3.36	4.06	3.95	5.04
26	4.63	6.09	9.10	11.11	3.34	4.23	4.28	4.76	3.59	3.78	5.00	4.79
27	4.64	5.92	8.15	10.99	4.05	6.61	4.30	4.77	3.96	9.88	5.38	4.41
28	4.93	5.42	8.23	9.89	4.45	6.17	4.68	4.71	4.02	9.06	4.71	4.62
29	4.04	3.73	--	9.70	------	5.64	4.86	4.72	3.70	6.79	4.71	4.04
30	4.27	4.57	--	9.28	------	5.06	4.69	4.70	3.80	5.95	5.58	3.28
31	5.09	------	--	9.10	------	4.94	------	5.04	------	5.91	5.57	------
MAX	8.29	8.68	9.10	--	12.67	6.61	9.75	6.13	6.21	9.88	5.66	10.78
MIN	4.04	3.73	1.87	--	3.34	2.98	3.19	3.70	3.36	3.20	3.36	3.28

07386935 Vermilion River at State Highway 3073, near Lafayette, La.--Continued

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.75	5.51	2.94	4.69	--	3.83	4.42	4.62	--	8.24	6.53	5.24
2	--	5.27	2.17	4.18	--	3.56	4.34	4.58	--	6.18	7.65	4.66
3	--	5.36	2.98	5.35	--	3.88	3.83	4.32	--	6.97	7.75	4.40
4	4.59	5.29	3.21	3.98	--	4.96	3.43	3.73	--	6.19	6.91	5.07
5	4.95	4.41	3.65	3.97	--	5.22	4.11	3.92	--	5.76	6.92	4.90
6	5.00	4.40	4.43	4.64	--	4.98	4.20	3.81	--	5.17	6.62	5.85
7	4.58	4.21	8.65	4.66	--	4.76	4.21	3.63	4.07	4.53	6.50	6.59
8	4.09	4.13	6.51	12.63	--	3.93	4.95	3.99	3.85	3.92	6.16	5.66
9	3.83	4.85	5.67	10.09	--	4.21	5.12	3.78	3.98	3.48	5.59	5.63
10	4.11	5.05	5.66	9.20	--	5.27	4.45	4.14	4.61	3.70	5.44	5.62
11	4.09	5.83	6.84	11.02	--	4.27	4.76	6.15	5.93	4.45	6.23	5.47
12	4.36	3.64	6.44	9.66	--	5.02	3.89	4.52	5.34	10.55	5.56	5.34
13	4.34	3.43	5.87	9.44	--	4.87	4.21	4.12	4.63	8.89	4.98	5.05
14	4.64	4.63	5.36	8.66	--	3.13	5.13	5.62	4.44	7.89	4.67	4.42
15	4.83	3.46	8.68	--	--	3.38	7.66	5.44	4.77	7.50	4.54	4.51
16	2.76	4.77	7.30	--	--	4.40	6.31	5.54	6.44	7.22	4.56	4.65
17	3.78	5.45	6.11	--	--	3.90	6.19	5.30	5.78	6.80	4.35	4.89
18	4.02	6.06	5.30	--	--	6.22	6.11	--	5.77	6.41	3.92	4.44
19	3.87	5.54	5.40	--	--	5.66	5.96	--	5.43	5.82	3.73	4.79
20	4.09	5.91	5.03	--	--	4.73	4.78	--	5.04	6.19	3.98	4.71
21	4.39	5.13	4.85	--	--	4.83	5.16	--	4.64	5.57	3.76	4.23
22	4.36	5.10	4.85	--	--	4.64	5.74	--	4.43	5.03	4.02	4.43
23	4.69	4.97	4.69	--	--	4.96	5.61	--	4.57	5.04	4.87	2.71
24	4.43	4.78	4.66	--	--	5.46	5.48	--	5.01	5.41	5.44	3.79
25	4.55	3.64	4.80	--	2.55	4.24	5.13	--	5.02	5.67	5.07	4.43
26	4.07	3.17	7.05	--	3.85	4.93	4.73	--	6.05	6.02	5.56	4.64
27	4.42	4.58	6.49	--	3.67	6.04	4.88	--	5.26	5.35	6.48	4.51
28	4.79	4.19	5.83	--	3.74	5.87	4.98	--	5.31	4.88	5.91	4.38
29	5.85	4.81	5.75	--	------	5.63	5.20	--	5.10	4.70	5.41	4.14
30	5.41	4.91	5.36	--	------	4.42	6.80	--	4.54	4.78	5.24	4.05
31	5.87	------	5.12	--	------	3.50	------	--	------	6.20	6.07	------
MAX	5.87	6.06	8.68	12.63	--	6.22	7.66	--	--	10.55	7.75	6.59
MIN	2.76	3.17	2.17	--	--	3.13	3.43	--	3.85	3.48	3.73	2.71

08010000 Bayou des Cannes near Eunice, La.

LOCATION.--Lat 30°29'00", long 92°29'25", in SW¼SE¼ sec.32, T.6 S., R.1 W., Louisiana meridian, Evangeline Parish, on left bank at downstream side of bridge on U.S. Highway 190, 3.0 mi (4.8 km) downstream from New Orleans, Texas, and Mexico Railway Co. bridge, and 4.0 mi (6.4 km) west of Eunice.

DRAINAGE AREA.--131 mi^2 (339 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 14.84 ft (4.523 m) above mean sea level (Louisiana Geodetic Survey bench mark; levels by Corps of Engineers). Prior to Jan. 17, 1940, nonrecording gage at same site and datum. Auxiliary water-stage recorder 1.8 mi (2.9 km) downstream from base gage. Datum of auxiliary gage is 13.70 ft (4.176 m) above mean sea level. See WSP 1732 for history of changes prior to Jan. 13, 1958.

AVERAGE DISCHARGE.--37 years, 269 ft^3/s (7.62 m^3/s), 27.89 in/yr (708 mm/yr), 194,900 acre-ft/yr (240 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 5,220 ft^3/s (148 m^3/s) Aug. 3, gage height, 18.54 ft (5.651 m); no flow oct. 8-29.
Period of record: Maximum discharge, 11,900 ft^3/s (337 m^3/s) May 20, 1953, gage height, 22.36 ft (6.82 m). No flow at times in 1939, 1948, 1955-56, 1964, 1971, 1975.

REMARKS.--Records poor. Small diversion above station. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1242: 1950(P).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	150	96	114	22	2.8	37	4,500	516	547	1,620	111
2	3.6	76	31	130	14	6.7	26	4,400	220	958	4,500	62
3	3.2	26	16	110	14	3.8	60	2,190	79	740	5,140	35
4	2.8	22	11	122	13	63	43	1,150	46	435	4,200	26
5	2.6	89	7.0	86	18	174	41	671	43	167	2,130	35
6	1.6	53	170	48	19	72	46	250	37	97	1,120	27
7	.60	22	1,440	554	12	40	33	81	28	66	537	20
8	0	225	944	4,000	9.8	26	289	1,320	24	50	172	14
9	0	350	450	4,800	11	15	480	1,690	40	49	115	11
10	0	250	120	4,500	7.6	10	123	1,330	79	1,470	83	8.6
11	0	320	189	3,500	5.2	5.5	102	639	223	2,700	63	19
12	0	195	170	2,320	8.7	4.0	67	200	152	2,590	76	22
13	0	77	61	957	11	47	46	85	104	1,180	50	28
14	0	35	45	400	8.4	174	1,120	357	78	453	40	16
15	0	21	1,340	100	8.9	52	2,220	198	90	182	35	9.3
16	0	13	1,260	75	28	31	807	108	144	130	33	8.0
17	0	120	650	99	100	22	350	74	97	119	30	43
18	0	300	180	74	34	922	110	42	68	208	23	42
19	0	150	474	75	17	837	75	32	58	560	18	20
20	0	600	319	103	8.0	300	51	28	112	408	27	14
21	0	1,400	87	49	6.2	80	53	21	75	173	32	10
22	0	500	66	30	7.1	36	455	10	59	598	27	8.5
23	0	250	134	24	11	27	119	12	158	806	27	8.0
24	0	120	1,090	61	13	294	54	21	292	730	32	7.4
25	0	150	817	576	5.5	167	61	22	380	495	32	6.6
26	0	92	1,130	196	3.7	80	41	22	583	238	95	6.0
27	0	43	1,700	77	3.0	56	18	23	319	119	118	5.6
28	0	26	1,750	46	2.4	49	12	119	980	91	59	5.2
29	595	18	741	34	------	58	33	1,190	554	116	50	4.8
30	1,320	116	340	28	------	64	1,680	2,190	250	160	132	4.8
31	387	------	200	23	------	36	------	1,550	------	901	176	------
TOTAL	2,320.20	5,809	15,960.0	23,311	431.5	3,760.8	8,652	24,525	5,888	17,536	20,792	637.8
MEAN	74.8	194	515	752	15.4	121	288	791	196	566	671	21.3
MAX	1,320	1,400	1,760	4,800	100	922	2,220	4,500	980	2,700	5,140	111
MIN	0	13	7.0	23	2.4	2.8	12	10	24	49	18	4.8
CFSM	.57	1.48	3.93	5.74	.12	.92	2.20	6.04	1.50	4.32	5.12	.16
IN.	.66	1.65	4.53	6.62	.12	1.07	2.46	6.96	1.67	4.98	5.90	.18
AC-FT	4,600	11,520	31,660	46,240	856	7,460	17,160	48,650	11,680	34,780	41,240	1,270

CAL YR 1974 TOTAL 118,471.40 MEAN 325 MAX 5,350 MIN 0 CFSM 2.48 IN 33.64 AC-FT 235,000
WTR YR 1975 TOTAL 129,623.30 MEAN 355 MAX 5,140 MIN 0 CFSM 2.71 IN 36.81 AC-FT 257,100

08010000 Bayou des Cannes near Eunice, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.89	6.74	4.28	5.59	2.56	1.83	3.02	18.01	11.23	10.68	14.24	4.92
2	1.88	4.11	2.92	6.28	2.43	2.02	2.70	17.93	6.85	12.68	17.95	3.71
3	1.86	2.88	2.50	4.93	2.28	1.89	3.65	15.97	4.13	11.85	18.48	2.96
4	1.84	2.76	2.26	5.45	2.27	3.42	3.21	13.85	3.28	9.81	17.91	2.70
5	1.83	4.40	2.11	4.32	2.43	6.21	3.15	11.80	3.20	6.77	15.95	2.97
6	1.78	3.56	4.58	3.34	2.47	3.94	3.29	8.00	3.04	4.64	13.84	2.74
7	1.73	2.73	14.07	6.92	2.23	3.12	2.92	4.83	2.75	3.79	10.96	2.50
8	1.69	6.42	12.82	17.54	2.14	2.68	6.50	12.37	2.63	3.39	7.07	2.30
9	1.65	8.18	8.47	18.20	2.17	2.33	9.81	15.18	3.11	3.34	5.21	2.17
10	1.62	5.25	5.04	17.84	2.06	2.16	6.43	14.32	3.99	13.09	4.21	2.09
11	1.59	7.88	6.07	17.82	2.00	1.97	4.74	11.82	6.62	16.54	3.73	2.46
12	1.56	7.16	6.73	16.11	2.10	1.90	3.82	7.47	5.09	16.46	4.06	2.57
13	1.52	4.23	4.27	13.25	2.17	2.98	3.30	4.67	4.02	14.01	3.39	2.75
14	1.48	2.96	3.24	9.09	2.09	6.01	10.58	7.58	3.44	10.51	3.11	2.38
15	1.47	2.54	12.46	5.72	2.10	3.43	15.99	7.07	3.72	7.25	2.96	2.12
16	1.46	2.27	14.19	4.02	2.67	2.84	12.65	5.10	4.75	5.73	2.93	2.07
17	1.45	4.93	9.88	4.56	4.56	2.55	7.81	3.99	3.87	5.14	2.82	3.15
18	1.44	7.70	5.89	4.00	3.07	10.76	4.73	3.16	3.19	6.25	2.60	3.17
19	1.42	5.39	9.24	4.03	2.40	12.50	4.01	2.89	2.92	9.92	2.44	2.47
20	1.41	11.69	9.03	4.64	2.07	7.59	3.42	2.77	4.18	9.42	2.72	--
21	1.39	15.26	5.76	3.37	2.00	4.09	3.38	2.54	3.35	6.50	2.89	--
22	1.38	11.93	3.80	2.83	2.04	3.01	9.00	2.16	2.96	10.19	2.72	--
23	1.37	7.61	4.45	2.62	2.18	2.72	5.84	2.22	5.15	11.86	2.73	--
24	1.35	5.08	12.79	3.36	2.24	6.80	3.49	2.54	6.85	11.75	2.88	--
25	1.33	5.68	12.47	9.79	1.97	6.37	3.67	2.57	8.60	10.15	2.89	--
26	1.32	4.44	13.44	7.37	1.89	4.27	3.14	2.56	10.01	7.64	4.44	1.84
27	1.31	3.25	15.14	4.19	1.85	3.56	2.42	2.60	8.44	5.35	4.92	1.82
28	1.31	2.76	15.36	3.29	1.82	3.36	2.21	4.80	12.50	4.42	3.63	1.80
29	10.52	2.49	12.45	2.93	------	3.59	2.89	11.63	10.77	4.93	3.39	1.78
30	14.46	4.40	8.76	2.76	------	3.74	13.33	15.73	7.36	5.83	5.12	1.76
31	10.73	------	6.17	2.61	------	3.01	------	14.84	------	11.39	5.87	------
MAX	14.46	15.26	15.36	18.20	4.56	12.50	15.99	18.01	12.50	16.54	18.48	4.92
MIN	1.31	2.27	2.11	2.61	1.82	1.83	2.21	2.16	2.63	3.34	2.44	1.76

08011000 Bayou Plaquemine Brule near Crowley, La.

LOCATION.--Lat 30°14'09", long 92°23'44", in NW¼SW¼ sec.29, T.9 S., R.1 E., Louisiana meridian, Acadia Parish, at bridge on State Highway 100, 1.0 mi (1.6 km) downstream from bridge on State Highway 13, 1.5 mi (2.4 km) upstream from Missouri Pacific Railroad Co. bridge and 1.8 mi (2.9 km) northwest of Crowley.

DRAINAGE AREA.--252 mi^2 (652.7 km^2).

PERIOD OF RECORD.--October 1942 to September 1947 (daily discharge), October 1965 to February 1975 (annual maximum gage height), and March to September 1975 (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 1.11 ft (0.338 m) below mean sea level. October 1942 to September 1947 nonrecording gage at same site at datum 1.06 ft (0.323 m) lower, October 1, 1965, to March 1, 1975, flood-profile gage at present site and datum.

AVERAGE DISCHARGE.--5 years (1942-47), 545 ft^3/s (15.43 m^3/s).

EXTREMES.--Period March to September: Maximum gage height, 11.10 ft (3.383 m) Aug. 4; minimum not determined.
Period of record: Maximum gage height, 21.90 ft (6.690 m) July 8, 1946, present datum.
1942-47: Maximum discharge, 12,400 ft^3/s (351 m^3/s) July 7, 1946; no flow at times in most years.

REMARKS.--Large diversions below station for irrigation by pumping affect stage-discharge relation. Records include waste water from rice fields above station that were irrigated from ground-water supplies.

GAGE HEIGHT, IN FEET, AT 0800, MARCH TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						2.50	2.69	7.25	3.94	--	5.49	3.29
2						2.27	2.76	7.40	3.50	--	9.49	3.12
3						2.35	2.39	6.00	3.46	3.77	10.74	3.08
4						2.33	2.49	4.45	3.40	3.86	10.71	3.02
5						3.37	2.57	4.31	--	3.48	10.79	3.09
6						2.74	2.58	4.30	--	3.37	10.11	3.11
7						2.69	2.54	4.19	--	3.20	8.36	3.10
8						2.27	2.94	6.37	--	3.08	5.86	3.10
9						2.34	3.01	7.88	--	2.93	5.00	3.07
10						2.74	2.80	6.74	--	2.77	4.54	3.12
11						2.50	2.74	6.27	--	3.96	4.23	3.39
12						2.79	2.64	4.30	--	9.85	4.03	3.24
13						2.76	2.72	3.95	--	10.61	3.84	3.59
14						2.25	2.87	4.30	--	10.07	3.67	3.09
15						2.39	5.91	5.65	--	7.60	3.52	2.97
16						2.62	5.33	5.05	--	5.01	3.44	2.97
17						2.47	3.44	4.08	--	4.24	3.34	3.47
18						2.92	3.58	3.72	--	4.04	3.19	3.27
19						3.09	3.64	3.51	--	3.82	3.09	3.25
20						2.74	3.25	3.39	--	3.76	2.95	3.23
21						2.84	3.37	3.31	--	3.60	2.87	
22						2.99	5.05	3.22	--	3.36	2.84	
23						3.11	4.26	3.19	--	4.11	2.90	2.79
24						3.08	3.56	3.16	--	5.24	3.01	2.71
25						2.69	3.59	3.20	--	4.46	3.00	2.67
26					2.50	2.81	3.39	3.04	--	3.91	3.18	2.78
27					2.44	3.02	3.44	2.96	--	3.63	3.31	2.76
28					2.47	3.20	3.42	2.91	--	3.44	3.17	2.68
29					------	3.29	4.78	2.99	--	3.35	3.20	2.65
30					------	2.54	6.22	3.99	--	3.31	3.25	2.54
31		------			------	2.69	------	4.70	------	3.38	3.43	------
MAX					--	3.37	6.22	7.88	--	10.61	10.79	--
MIN					--	2.25	2.39	2.91	--	--	2.84	2.54

08011500 Boggy Bayou near Pine Prairie, La.

LOCATION.--Lat 30°47'10", long 92°28'30", in NW¼NE¼ sec.21, T.3 S., R.1 W., Louisiana meridian, Evangeline Parish, near right bank on downstream side of bridge on State Highway 106, 2.8 mi (4.5 km) upstream from Beaver Creek, and 3.0 mi (4.8 km) west of Pine Prairie.

DRAINAGE AREA.--51.3 mi^2 (132.9 km^2).

PERIOD OF RECORD.--September 1948 to December 1951 (published as Cypress Creek near Pine Prairie), and occasional low-flow measurements, water years 1956, 1960, 1962-65. November 1965 to current year.

GAGE.--Water-stage recorder. Datum of gage is 61.33 ft (corrected) or 18.693 m above mean sea level. Jan. 38, 1952, to Oct. 14, 1958, and Aug. 2, 1961, to Nov. 9, 1965, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--12 years (1948-51, 1966-75), 86.2 ft^3/s (2.441 m^3/s), 22.82 in/yr (580 mm/yr), 62.450 acre-ft/yr (77.0 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 1,500 ft^3/s (42.5 m^3/s) May 3 (gage height, 13.45 ft or 4.100 m); no flow Oct. 4-12, 17-27.

Period of record: Maximum discharge, 17,400 ft^3/s (493 m^3/s) Apr. 23, 1965 (gage height, 18.78 ft or 5.724 m), from rating curve extended above 6,560 ft^3/s (186 m^3/s) on basis of contracted-opening and flow-over-road measurements of peak flow; no flow at times most years.

REMARKS.--Records good. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.14	.43	.80	73	36	13	40	1,240	160	234	257	253
2	.09	.40	.65	46	33	11	20	1,210	66	227	838	156
3	.04	.27	2.0	67	34	10	19	1,410	35	152	747	30
4	0	.27	13	119	38	100	16	1,370	28	121	723	17
5	0	.37	40	100	66	80	14	1,200	24	67	991	12
6	0	.33	80	60	86	50	11	737	21	26	971	11
7	0	.30	70	325	52	35	8.8	370	19	15	735	8.8
8	0	.30	50	953	32	25	51	441	18	11	328	6.9
9	0	.30	40	971	24	18	278	480	17	9.2	91	5.6
10	0	.43	36	1,200	22	16	180	823	22	86	67	5.0
11	0	4.0	34	1,210	19	14	80	764	52	293	47	4.1
12	0	6.1	32	815	16	20	45	436	49	376	38	3.5
13	.03	6.0	30	399	15	250	30	220	51	302	32	2.8
14	.17	2.7	21	156	13	140	200	120	31	182	27	2.4
15	.12	1.4	139	85	12	70	539	84	24	17	24	1.9
16	.06	.95	99	66	116	35	359	64	19	13	21	1.9
17	0	1.4	58	56	336	20	167	52	15	11	19	9.5
18	0	1.8	32	51	276	80	70	44	16	30	19	6.3
19	0	1.7	25	50	173	330	49	37	17	20	17	4.3
20	0	19	23	47	66	161	30	33	22	16	15	3.0
21	0	16	20	41	37	61	20	28	22	14	13	2.3
22	0	9.0	16	43	29	36	16	24	21	13	12	2.0
23	0	7.4	15	35	24	36	21	22	20	12	12	2.3
24	0	5.4	48	172	25	289	18	20	25	70	19	2.0
25	0	4.0	37	813	21	141	15	18	70	164	23	1.6
26	0	2.7	124	721	20	60	13	16	50	133	25	1.2
27	0	1.9	621	348	17	41	12	14	30	49	41	.91
28	1.4	1.4	825	160	15	47	11	20	25	25	58	.77
29	3.4	1.0	573	72	------	49	80	138	30	26	40	.66
30	1.2	.95	340	52	------	69	400	452	155	16	24	.56
31	.60	------	167	42	------	62	------	270	------	66	126	------
TOTAL	7.25	98.20	3,611.45	9,348	1,653	2,389	2,812.8	12,157	1,154	2,796.2	6,400	559.30
MEAN	.23	3.27	116	302	59.0	76.4	93.8	392	38.5	90.2	206	18.6
MAX	3.4	19	825	1,210	336	330	539	1,410	160	376	991	253
MIN	0	.27	.65	35	12	10	8.8	14	15	9.2	12	.56
CFSM	.005	.06	2.26	5.89	1.15	1.49	1.83	7.64	.75	1.76	4.02	.36
IN.	.005	.07	2.62	6.78	1.20	1.72	2.04	8.82	.84	2.03	4.64	.41
AC-FT	14	195	7,160	18,540	3,280	4,700	5,580	24,110	2,290	5,550	12,690	1,110

CAL YR 1974 TOTAL 31,337.64 MEAN 85.9 MAX 1,340 MIN 0 CFSM 1.67 IN 22.72 AC-FT 62,160
WTR YR 1975 TOTAL 42,966.20 MEAN 118 MAX 1,410 MIN 0 CFSM 2.30 IN 31.16 AC-FT 85,220

PEAK DISCHARGE (BASE, 1,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-10	1415	13.15	1,300	5-3	1115	13.45	1,500

08011500 Boggy Bayou near Pine Prairie, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.20	2.38	2.46	5.01	4.14	3.27	4.25	12.97	6.27	7.36	6.82	7.63
2	2.18	2.37	2.43	4.42	4.05	3.20	3.58	12.92	4.63	7.33	11.63	6.31
3	2.15	2.33	--	4.82	4.08	--	3.52	13.32	3.90	6.36	11.21	3.96
4	2.13	2.33	--	5.86	4.19	--	3.40	13.27	3.65	5.91	11.02	3.46
5	2.11	2.36	--	5.52	4.85	--	3.30	12.86	3.50	4.87	12.12	3.25
6	2.09	2.35	--	4.74	5.27	--	3.18	11.16	3.40	3.78	12.07	3.20
7	2.07	2.34	--	6.95	4.56	--	3.06	8.74	3.31	3.36	11.11	3.12
8	2.06	2.34	--	12.11	4.02	--	4.10	9.34	3.26	3.16	8.31	3.02
9	2.05	2.34	--	12.17	3.74	--	7.89	9.68	3.22	3.09	5.37	2.96
10	2.03	2.37	--	12.88	3.65	--	--	11.60	3.41	5.19	4.91	2.92
11	2.02	2.75	--	12.93	3.53	--	--	11.32	4.36	7.98	4.46	2.87
12	2.01	2.93	4.00	11.43	3.41	--	--	9.32	4.27	8.84	4.21	2.82
13	2.15	2.92	3.94	9.02	3.35	--	--	--	4.31	8.14	4.02	2.77
14	2.26	2.69	3.62	6.38	3.28	--	--	--	3.74	6.51	3.85	2.74
15	2.23	2.55	6.12	5.26	3.23	--	10.12	--	3.50	--	3.73	2.69
16	2.20	2.49	5.51	4.88	5.71	--	8.67	--	3.33	--	3.63	2.68
17	2.16	2.55	4.68	4.66	8.46	--	6.52	--	3.15	--	3.55	3.15
18	2.12	2.61	4.00	4.55	7.86	--	4.97	--	3.20	--	3.54	2.99
19	2.09	2.60	3.75	4.52	6.63	--	4.50	--	3.23	--	3.46	2.88
20	2.07	3.45	3.70	4.45	4.85	6.46	--	--	3.42	--	3.35	2.79
21	2.04	3.38	3.59	4.29	4.18	4.77	--	--	3.45	--	3.29	2.73
22	2.03	3.08	3.41	4.34	3.90	4.13	--	--	3.39	--	3.21	2.69
23	2.01	3.00	3.35	4.11	3.74	4.07	--	--	3.35	--	3.23	2.73
24	1.99	2.89	4.45	5.57	3.73	8.01	--	3.56	--	--	3.53	2.70
25	1.98	2.80	4.16	11.56	3.63	6.15	--	3.48	--	6.53	3.70	2.65
26	1.97	2.70	5.79	11.10	3.58	4.75	--	3.41	--	6.04	3.76	2.60
27	1.96	2.62	10.45	8.57	3.45	4.27	--	3.33	--	4.48	4.29	2.55
28	2.31	2.56	11.62	6.43	3.35	4.44	--	3.51	--	3.75	4.70	2.52
29	2.74	2.50	10.31	4.99	------	4.50	--	6.02	--	3.77	4.24	2.50
30	2.53	2.49	8.51	4.57	------	4.93	--	9.47	--	3.40	3.71	2.48
31	2.42	------	6.53	4.32	------	4.78	------	7.75	------	4.75	5.84	------
MAX	2.74	3.45	11.62	12.93	8.46	--	10.12	13.32	6.27	8.84	12.12	7.63
MIN	1.96	2.33	2.34	4.11	3.23	--	3,06	3.33	3.15	3.09	3.21	2.48

08012000 Bayou Nezpique near Basile, La.

LOCATION.--Lat 30°28'50", long 92°37'55", in NE¼NW¼ sec.1, T.7 S., R.3 W., Evangeline Parish, near left bank on downstream side of bridge on U.S. Highway 190, 1,300 ft (400 m) downstream from New Orleans, Texas, and Mexico Railway Co. bridge, and 2.0 mi (3.2 km) west of Basile.

DRAINAGE AREA.--527 mi^2 (1,365 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 3.39 ft (1.033 m) above mean sea level. Prior to July 17, 1947, nonrecording gage at same site and datum. Since Apr. 10, 1945, auxiliary nonrecording gage 7.5 mi (12.1 km) downstream from base gage. Datum of auxiliary gage (sta 08012020) is 1.03 ft (0.314 m) below mean sea level (Louisiana Geodetic Survey bench mark).

AVERAGE DISCHARGE.--37 years, 814 ft^3/s (23.05 m^3/s), 20.98 in/yr (533 mm/yr), 589,700 acre-ft/yr (727 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 9,070 ft^3/s (257 m^3/s) Jan. 20; maximum gage height, 25.18 ft (7.675 m) Jan. 11; minimum, 7.7 ft^3/s (0.22 m^3/s) Oct. 24, 25-28, gage height, 1.51 ft (0.460 m).
Period of record: Maximum discharge, 35,800 ft^3/s (1,010 m^3/s) May 20, 1953, gage height, 34.39 ft (10.48 m); minimum discharge, 0.1 ft^3/s (0.003 m^3/s) June 7-31, 1943, June 22-29, 1948; minimum gage height, 1.00 ft (0.0305 m) June 28, 1948.

REMARKS.--Records good. See following page for table of daily gage height. Records of water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1512: 1945-55.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	675	76	3,260	996	66	341	3,310	1,590	2,090	1,950	904
2	15	395	83	2,670	498	61	282	5,220	1,250	2,280	2,540	929
3	11	204	72	2,180	283	59	270	5,420	824	2,340	3,550	811
4	9.3	104	53	2,020	210	77	358	5,090	469	2,300	4,410	672
5	8.9	126	41	1,900	258	233	317	4,650	289	2,100	5,180	387
6	8.7	188	102	1,470	391	358	238	4,380	200	1,710	5,240	209
7	8.7	150	1,290	1,370	387	346	176	4,180	156	1,050	5,090	174
8	8.5	204	2,200	4,280	318	267	186	4,150	125	518	4,740	156
9	8.5	410	2,330	6,370	235	191	645	4,380	102	443	4,390	136
10	8.5	424	1,910	7,920	173	142	1,430	4,450	130	547	4,000	124
11	8.5	440	1,550	8,850	139	112	1,550	4,280	297	1,850	3,640	129
12	8.3	544	1,470	8,540	120	99	1,370	3,950	380	2,930	3,070	140
13	8.3	447	1,090	7,460	108	140	1,160	3,520	371	3,710	2,530	150
14	8.1	300	601	6,350	99	598	1,240	2,980	326	3,770	1,930	180
15	8.1	183	1,010	5,270	94	1,280	2,250	2,470	277	3,380	1,250	200
16	8.1	110	1,870	4,520	92	1,140	2,950	2,060	419	2,810	495	150
17	8.1	450	2,080	3,860	93	930	2,810	1,710	422	2,110	304	200
18	8.1	151	1,630	3,240	309	1,190	2,210	1,340	285	1,410	197	300
19	8.1	268	1,190	2,620	563	1,880	1,680	668	238	675	170	500
20	8.0	981	988	1,910	611	2,040	1,210	319	766	418	150	600
21	7.9	1,720	815	1,090	494	1,530	706	280	1,330	391	145	550
22	7.9	1,910	642	460	282	1,110	1,100	200	1,430	573	145	300
23	7.9	1,420	416	336	169	733	1,450	163	1,020	1,740	148	150
24	7.8	747	592	315	128	631	1,140	134	906	2,650	159	90
25	7.7	450	1,030	1,310	100	1,200	757	110	1,240	2,860	185	67
26	7.7	286	1,550	2,410	86	1,250	529	99	1,570	2,650	276	63
27	7.7	181	2,560	2,580	79	874	325	88	1,400	2,540	977	58
28	7.7	123	4,170	2,200	73	543	208	144	1,850	2,180	1,670	56
29	344	81	4,470	1,740	------	318	219	336	2,330	1,810	1,320	47
30	922	64	4,210	1,460	------	285	1,140	831	2,200	1,410	830	35
31	1,030	------	3,810	1,240	------	353	------	1,390	------	1,510	676	------
TOTAL	2,545.1	13,736	45,901	101,201	7,388	20,036	30,247	72,302	24,192	58,755	61,357	8,467
MEAN	82.1	458	1,481	3,265	264	646	1,008	2,332	806	1,895	1,979	282
MAX	1,030	1,910	4,470	8,850	996	2,040	2,950	5,420	2,330	3,770	5,240	929
MIN	7.7	64	41	315	73	59	176	88	102	391	145	35
AC-FT	5,050	27,250	91,040	200,700	14,650	39,740	59,990	143,400	47,980	116,500	121,700	16,790

CAL YR 1974 TOTAL 388,659.1 MEAN 1,065 MAX 7,100 MIN 7.7 AC-FT 770,900
WTR YR 1975 TOTAL 446,127.1 MEAN 1,222 MAX 8,850 MIN 7.7 AC-FT 884,900

08012000 Bayou Nezpique near Basile, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.94	9.90	3.28	20.13	12.06	3.08	6.94	18.67	14.26	16.87	16.10	11.02
2	1.84	7.48	3.42	19.24	8.78	2.98	6.31	21.28	13.36	17.35	18.40	11.17
3	1.67	5.35	3.19	18.32	6.30	2.93	6.16	22.24	11.59	17.63	19.82	10.53
4	1.59	3.78	2.81	17.75	5.43	3.29	7.12	22.17	8.81	17.71	20.96	9.70
5	1.57	4.17	2.54	17.17	6.01	5.55	6.69	21.77	6.48	17.29	22.05	7.37
6	1.56	5.16	3.50	15.79	7.45	7.12	5.78	21.45	5.30	16.20	22.33	5.41
7	1.56	4.57	12.76	14.77	7.41	7.00	4.96	21.20	4.64	13.75	22.18	4.94
8	1.55	5.23	16.35	20.24	6.70	6.12	5.07	21.15	4.13	10.30	21.89	4.70
9	1.55	7.64	17.03	22.85	5.74	5.17	9.24	21.32	3.76	7.92	21.53	4.43
10	1.55	7.78	16.33	24.40	4.91	4.43	13.56	21.45	4.21	8.63	21.08	4.26
11	1.55	7.93	15.27	25.09	4.37	3.92	14.17	21.31	6.58	15.52	20.52	4.33
12	1.54	8.84	14.76	24.92	4.07	3.70	13.74	20.97	7.66	18.62	19.80	--
13	1.54	7.99	13.26	24.27	3.86	4.38	12.86	20.40	7.55	19.90	18.92	--
14	1.53	6.50	10.33	23.38	3.71	8.89	13.51	19.67	6.98	20.28	17.77	--
15	1.53	5.05	11.73	22.49	3.61	12.90	16.58	18.82	6.33	20.04	15.62	--
16	1.53	3.88	15.25	21.71	3.58	12.56	18.38	17.92	8.10	19.30	11.66	--
17	1.53	3.29	16.22	20.94	3.59	11.39	18.63	16.88	8.14	18.18	7.99	--
18	1.53	4.53	15.32	20.12	6.42	12.48	17.79	15.27	6.43	16.18	5.86	--
19	1.53	6.14	13.86	19.15	8.95	15.29	16.34	12.14	5.75	12.77	4.87	--
20	1.53	11.26	12.61	17.73	9.33	16.05	14.38	8.48	10.57	9.63	4.55	--
21	1.52	14.78	11.42	15.03	8.37	14.93	11.56	6.27	13.19	7.95	4.47	--
22	1.52	15.83	9.59	11.26	6.28	13.04	12.76	5.30	13.68	8.72	4.47	--
23	1.52	14.56	7.68	8.22	4.84	10.32	14.02	4.76	12.17	14.95	4.52	--
24	1.52	11.56	9.08	6.66	4.19	9.42	13.06	4.29	11.42	17.66	4.70	--
25	1.51	8.52	11.65	12.78	3.72	12.47	10.84	3.90	12.71	18.47	5.10	3.35
26	1.51	6.33	14.02	16.97	3.47	12.95	8.66	3.70	14.25	18.47	6.21	3.26
27	1.51	5.04	17.10	17.80	3.33	11.39	6.76	3.50	14.10	18.40	11.22	3.16
28	1.51	4.10	20.15	17.41	3.23	8.74	5.40	4.40	15.31	17.84	14.54	3.10
29	6.30	3.38	21.04	16.24	------	6.70	5.52	6.85	17.03	16.86	13.88	2.87
30	11.10	3.04	21.12	15.06	------	6.34	11.82	10.58	16.98	15.54	11.48	2.54
31	11.84	------	20.79	13.95	------	7.06	------	13.35	------	15.15	9.82	------
MAX	11.84	15.83	21.12	25.09	12.06	16.05	18.63	22.24	17.03	20.28	22.33	11.17
MIN	1.51	3.04	2.54	6.66	3.23	2.93	4.96	3.50	3.76	7.92	4.47	2.54

08012020 Bayou Nezpique at Mamou pumping plant, near Basile, La.

LOCATION.--Lat 30°25'10", long 92°35'40", in lot 19, T.7 S., R.2 W., Louisiana meridian, Acadia-Jefferson Parish line, at Mamou pumping station at head of Mamou Canal, 4.5 mi (7.2 km) south of Basile, and 7.5 mi (12.1 km) downstream from gaging station Bayou Nezpique near Basile (sta 08012000).

DRAINAGE AREA.--542 mi^2 (1,404 km^2).

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Unpublished records March 1945 to September 1973 on file in Baton Rouge district office.

GAGE.--Nonrecording gage read twice daily. Datum of gage is 1.03 ft (0.314 m) below mean sea level (Louisiana Geodetic Survey bench mark).

EXTREMES.--Current year: Maximum daily gage heights, 22.84 ft (6.962 m) Jan. 11, 12; minimum daily, 2.53 ft (0.771 m) Oct. 22.
Period of record: Maximum daily gage height, 22.84 ft (6.962 m) Jan. 11, 12, 1975; minimum daily, 2.53 ft (0.771 m) Oct. 22, 1974.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.03	10.17	3.40	19.78	11.62	3.33	6.00	15.72	12.31	15.70	14.71	9.41
2	3.03	8.12	3.39	19.14	10.19	3.22	5.17	18.34	12.52	15.87	17.44	10.19
3	2.93	5.97	3.39	18.43	7.01	3.03	5.12	20.59	11.62	16.24	18.24	9.77
4	2.97	4.61	3.33	17.69	5.01	3.18	5.71	21.01	9.57	16.59	19.24	9.16
5	3.00	5.43	3.22	17.06	4.77	4.25	5.89	20.81	6.82	16.51	20.54	7.92
6	2.98	4.22	3.37	16.27	5.87	5.67	5.25	20.54	5.12	16.01	21.14	6.05
7	2.88	4.50	9.89	15.03	6.27	6.17	4.19	20.34	4.29	14.64	21.03	5.06
8	2.61	4.77	13.39	17.74	5.97	5.49	4.42	20.29	3.92	12.22	20.94	4.22
9	2.99	7.25	14.96	20.59	5.17	4.68	5.99	20.24	3.49	8.62	20.74	4.35
10	2.91	7.33	15.41	22.33	4.31	3.79	10.85	20.41	3.72	7.35	20.44	4.22
11	2.85	7.54	14.88	22.84	3.94	3.38	12.43	20.41	4.72	14.08	19.84	4.56
12	2.85	7.96	14.25	22.84	3.79	3.71	12.67	20.24	6.12	16.74	19.44	4.49
13	2.88	7.67	13.52	22.57	3.52	3.94	12.14	19.81	6.42	18.00	18.79	5.17
14	2.91	6.31	11.62	21.97	3.27	5.47	13.12	19.36	6.42	18.89	18.11	5.96
15	2.85	5.03	10.95	21.48	3.49	10.56	14.39	18.74	5.62	19.24	16.91	5.93
16	2.79	4.12	12.52	21.13	3.55	11.62	15.92	17.99	6.87	18.91	14.37	5.01
17	2.76	4.58	14.34	20.38	3.43	10.67	17.09	17.24	7.42	18.34	10.69	6.35
18	2.82	4.69	14.63	19.81	4.05	11.09	17.19	15.94	6.02	17.24	8.07	8.25
19	2.84	5.22	14.04	19.05	7.29	12.92	16.39	14.10	4.77	15.01	4.97	9.99
20	2.87	9.72	12.81	18.19	8.19	14.16	14.92	11.32	7.25	12.02	4.43	8.59
21	2.59	12.71	11.71	16.67	8.02	14.29	12.82	7.55	10.67	9.72	4.21	8.02
22	2.53	13.95	9.96	14.03	6.17	12.90	12.39	5.07	12.12	8.07	4.03	5.82
23	2.76	14.09	8.09	10.77	4.77	10.37	12.77	4.47	11.65	13.27	3.93	4.25
24	2.76	12.61	7.91	7.67	3.92	9.07	12.72	4.07	10.95	15.11	3.89	3.85
25	2.72	10.16	10.32	9.59	3.55	10.17	11.12	3.82	11.07	16.51	4.19	3.64
26	2.79	7.11	12.12	14.04	3.45	11.65	8.87	3.57	12.52	17.23	5.09	3.66
27	2.81	4.63	15.14	15.64	3.36	11.17	6.79	3.49	13.27	17.43	8.32	3.63
28	2.92	4.22	17.52	16.33	3.33	9.39	5.07	3.42	13.41	17.33	11.95	3.37
29	6.53	3.68	19.33	15.93	------	6.75	4.46	5.39	14.95	16.86	13.32	3.30
30	9.79	3.71	20.09	14.93	------	5.44	9.92	8.42	15.47	16.07	11.72	3.24
31	10.88	------	20.12	13.89	------	5.52	------	11.22	------	14.84	9.94	------
MAX	10.88	14.09	20.12	22.84	11.62	14.29	17.19	21.01	15.47	19.24	21.14	10.19
MIN	2.53	3.68	3.22	7.67	3.27	3.03	4.19	3.42	3.49	7.35	3.89	3.24

08012470 Bayou Lacassine near Lake Arthur, La.

LOCATION.--Lat 30°04'12", long 92°52'43", in SE¼SE¼ sec.21, T.11 S., R.5 W., Jefferson Davis Parish, at bridge on State Highway 14, 12.9 mi (21 km) west of Lake Arthur, and 16.8 mi (27 km) upstream from Intracoastal Waterway.

DRAINAGE AREA.--299 mi^2 (774 km^2).

PERIOD OF RECORD.--Annual peaks, water years 1969-74, October 1974 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 7.00 ft (2.134 m) below mean sea level (levels by Corps of Engineers); prior to Oct. 1, 1974, nonrecording gage at same site and datum 0.85 ft (0.259 m) lower.

EXTREMES.--Current year: Maximum gage height, 10.18 ft (3.103 m) Jan. 10; minimum, 7.96 ft (2.426 m) Feb. 6.
Period of record: Maximum gage height, 13.60 ft (4.145 m) Sept. 16, 1971, present datum; minimum gage height, 7.96 ft (2.426 m) Feb. 6, 1975.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.31	9.36	8.16	9.21	8.85	8.32	8.55	--	--	8.98	8.97	8.98
2	8.35	9.20	8.27	9.14	8.77	8.22	8.56	--	--	9.06	9.38	8.91
3	8.33	9.15	8.32	9.23	8.63	8.34	8.23	--	--	9.05	9.54	8.87
4	8.36	9.03	8.37	8.97	8.53	8.23	8.40	--	--	9.04	9.61	8.89
5	8.45	9.05	8.42	8.98	8.54	8.38	8.40	--	--	8.94	9.71	8.96
6	8.37	9.05	8.55	8.92	8.25	8.48	8.40	--	--	8.83	9.78	8.93
7	8.21	8.97	8.80	8.94	7.99	8.50	8.43	--	8.90	8.76	9.78	8.94
8	8.13	8.86	8.86	8.96	8.36	8.27	8.55	--	8.88	8.67	9.76	8.96
9	8.23	8.93	8.81	9.73	8.39	8.39	8.70	--	8.87	8.55	9.70	8.97
10	8.25	9.10	8.85	10.17	8.25	8.51	8.53	--	8.90	8.56	9.63	9.01
11	8.20	9.08	8.92	10.15	8.40	8.44	8.53	--	8.90	9.00	9.58	9.04
12	8.33	8.94	8.90	10.02	8.24	8.65	8.51	--	8.88	9.25	9.49	9.02
13	8.26	8.86	8.87	9.83	8.30	8.60	8.58	--	8.85	9.44	9.41	8.94
14	8.31	8.83	8.92	9.87	8.40	8.09	8.67	--	8.83	9.53	9.32	8.86
15	8.18	8.67	8.99	9.83	8.47	8.35	8.84	--	8.91	9.56	9.21	8.88
16	8.08	8.74	9.19	9.79	8.50	8.39	8.90	--	9.08	9.47	9.16	8.95
17	8.16	8.85	9.16	9.65	8.36	8.36	9.00	--	9.20	9.40	9.10	9.21
18	8.07	8.98	9.08	9.62	8.52	8.49	9.20	--	9.16	9.39	9.03	9.33
19	8.13	9.11	9.08	9.65	8.14	8.47	9.08	--	9.08	9.31	8.93	9.35
20	8.16	9.05	9.00	9.30	8.37	8.57	8.88	--	8.92	9.27	8.81	9.27
21	8.20	9.05	8.91	9.40	8.52	8.65	8.90	--	8.89	9.17	8.72	9.06
22	8.18	9.07	8.88	9.35	8.68	8.66	9.13	--	8.87	9.16	8.70	8.80
23	8.16	9.11	8.92	9.16	8.46	8.77	9.28	--	8.90	9.17	8.82	8.58
24	8.11	9.02	8.98	9.10	8.28	8.73	9.32	--	9.00	9.16	8.86	8.57
25	8.12	8.64	8.83	9.03	8.30	8.62	9.29	--	9.07	9.14	8.93	8.65
26	8.08	8.69	8.96	9.01	8.40	8.71	9.22	--	9.06	9.13	8.93	8.67
27	8.18	8.65	9.29	9.00	8.35	9.03	9.25	--	9.05	9.09	8.95	8.61
28	8.30	8.67	9.44	9.02	8.32	9.19	9.26	--	9.01	8.96	8.99	8.55
29	9.01	8.73	9.48	8.98	------	9.04	9.23	--	8.98	8.91	9.08	8.50
30	9.20	8.31	9.42	8.90	------	8.47	9.44	--	8.91	8.89	9.08	8.40
31	9.38	------	9.35	8.95	------	8.59	------	--	------	8.84	9.06	------
MAX	9.38	9.36	9.48	10.17	8.85	9.19	9.44	--		9.56	9.78	9.35
MIN	8.07	8.31	8.16	8.90	7.99	8.09	8.23	--		8.55	8.70	8.40

08013000 Calcasieu River near Glenmora, La.

LOCATION.--Lat 30°59'45", long 92°40'25", in SE¼SE¼ sec.4, T.1 S., R.3 W., Louisiana meridian, Rapides Parish, on right bank on downstream side of bridge on State Highway 113, 1.0 mi (1.6 km) upstream from Prairie Branch, and 4.6 mi (7.4 km) northwest of Glenmora.

DRAINAGE AREA.--499 mi^2 (1,292 km^2).

PERIOD OF RECORD.--August 1943 to current year.

GAGE.--Water-stage recorder. Datum of gage is 110.77 ft (33.763 m) above mean sea level (Louisiana Geodetic Survey bench mark). Prior to Nov. 19, 1949, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--32 years, 728 ft^3/s (28.61 m^3/s), 19.81 in/yr (583 mm/yr), 527,400 acre-ft/yr (650 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 22,500 ft^3/s (637 m^3/s) May 6 (gage height, 17.32 or 5.279 m); minimum daily discharge, 25 ft^3/s (0.71 m^3/s) Oct. 16.
Period of record: Maximum discharge, 59,900 ft^3/s (1,696 m^3/s) May 19, 1953 (gage height, 21.55 ft or 6.568 m); minimum, 15 ft^3/s (0.42 m^3/s) Sept. 27, 28, Oct. 7-9, 1954, Oct. 18, 1956; minimum gage height, 3.86 ft (1.176 m) Oct. 18, 1956.

REMARKS.--Records good, except those for periods of no gage-height record which are fair. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISION (WATER YEARS).--WSP 1118: 1944-47.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	28	454	5,160	326	520	450	2,060	4,850	499	368	164
2	41	40	354	3,860	299	480	500	2,580	3,780	688	640	143
3	37	90	271	3,220	276	450	460	3,380	2,940	915	1,230	123
4	32	180	228	2,710	290	420	400	6,370	3,200	988	1,640	99
5	35	200	205	2,200	459	410	300	17,700	1,830	940	2,270	86
6	33	190	295	1,740	640	400	240	19,600	1,210	976	2,630	82
7	32	170	1,100	1,460	915	410	214	10,900	613	875	2,880	90
8	31	140	1,330	1,670	1,250	460	232	6,670	604	566	2,800	119
9	30	130	1,450	1,760	1,560	640	584	6,710	436	318	2,320	101
10	29	120	1,790	1,820	1,850	1,100	682	11,300	476	257	1,760	86
11	29	160	2,450	1,980	1,730	1,800	920	11,200	756	352	1,100	136
12	28	250	3,050	2,120	1,130	2,000	1,200	6,200	1,040	432	544	222
13	27	400	2,830	2,400	716	1,800	1,420	3,860	1,470	372	319	171
14	26	528	2,290	2,780	646	1,300	1,760	2,880	1,680	397	234	111
15	26	600	1,820	3,520	700	1,000	2,070	2,300	1,530	403	185	98
16	25	580	1,490	3,220	840	840	2,160	1,810	1,550	322	154	89
17	30	500	1,370	2,600	1,010	800	2,030	1,470	1,610	218	138	94
18	47	500	1,410	2,110	1,080	860	1,800	1,350	1,210	157	128	120
19	40	700	1,470	1,640	1,460	1,300	1,620	1,340	679	135	137	255
20	37	1,280	1,580	1,110	3,380	2,500	1,440	1,210	444	264	122	378
21	33	1,500	1,680	804	3,550	3,700	1,080	900	334	399	105	397
22	31	1,720	1,510	720	2,780	4,000	1,190	606	255	299	105	366
23	30	2,020	1,020	708	2,200	3,900	1,280	410	216	366	158	275
24	29	2,060	667	673	1,560	3,000	1,280	290	217	387	243	160
25	29	1,920	825	634	1,010	2,200	1,380	228	225	317	240	109
26	28	1,690	1,720	586	855	1,600	1,360	250	254	428	214	89
27	28	1,230	3,130	536	740	1,200	1,280	542	250	568	235	78
28	27	808	6,200	499	600	900	935	970	234	716	348	72
29	27	613	7,700	457	------	660	504	1,540	334	748	403	67
30	26	536	7,560	410	------	500	590	2,680	376	473	352	63
31	26	------	6,760	368	------	420	------	4,580	------	255	238	------
TOTAL	974	20,883	66,009	55,475	33,852	41,570	31,361	133,886	34,603	15,030	24,240	4,443
MEAN	31.4	696	2,129	1,790	1,209	1,341	1,045	4,319	1,153	485	782	148
MAX	47	2,060	7,700	5,160	3,550	4,000	2,160	19,600	4,850	988	2,880	397
MIN	25	28	205	368	276	400	214	228	216	135	105	63
CFSM	.06	1.39	4.27	3.59	2.42	2.69	2.09	8.66	2.31	.97	1.57	.30
IN.	.07	1.56	4.92	4.14	2.52	3.10	2.34	9.98	2.58	1.12	1.81	.33
AC-FT	1,930	41,420	130,900	110,000	67,150	82,450	62,200	265,600	68,640	29,810	48,080	8,810

CAL YR 1974 TOTAL 301,114 MEAN 825 MAX 7,700 MIN 25 CFSM 1.65 IN 22.45 AC-FT 597,300
WTR YR 1975 TOTAL 462,326 MEAN 1,267 MAX 19,600 MIN 25 CFSM 2.54 IN 34.47 AC-FT 917,000

PEAK DISCHARGE (BASE, 4,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-29	1300	14.68	7,840	5-10	2230	15.79	13,500
3-22	unknown	unknown	about 4,200	5-31	2330	14.06	5,240
5- 6	0030	17.32	22,500				

0801300 Calcasieu River near Glenmora, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	--	--	9.55	14.03	8.67	--	--	12.60	13.95	9.81	8.96	7.08
2	4.78	--	8.87	13.63	8.44	--	--	13.02	13.60	10.66	10.45	6.80
3	4.70	--	8.21	13.37	8.25	--	--	13.44	13.22	11.19	11.70	6.51
4	4.58	--	7.80	13.10	8.37	--	--	14.26	12.84	11.33	12.22	6.14
5	--	--	7.57	12.75	9.56	--	--	16.50	12.43	11.24	12.80	5.92
6	--	--	8.32	12.33	10.49	--	--	16.85	11.64	11.31	13.05	5.84
7	--	--	11.50	12.02	11.18	--	--	15.28	10.37	11.10	13.19	5.98
8	--	--	11.86	12.27	11.73	--	7.81	14.42	10.35	10.06	13.15	6.46
9	--	--	12.01	12.36	12.14	--	10.26	14.43	9.44	8.59	12.83	6.17
10	--	--	12.39	12.42	12.45	--	10.63	15.37	9.65	8.09	12.36	5.91
11	--	--	12.92	12.57	12.32	--	11.20	15.35	10.81	8.83	11.48	6.70
12	--	--	13.29	12.69	11.54	--	11.67	14.30	11.41	9.40	9.96	7.74
13	--	--	13.16	12.89	10.73	--	11.98	13.62	12.04	9.00	8.60	7.16
14	--	10.02	12.80	13.14	10.52	--	12.36	13.19	12.28	9.18	7.85	6.33
15	--	--	12.42	13.50	10.70	--	12.65	12.83	12.11	9.22	7.34	6.12
16	--	--	12.05	13.37	11.03	--	12.72	12.41	12.13	8.62	6.95	5.96
17	--	--	11.91	13.03	11.37	--	12.62	12.04	12.20	7.69	6.73	6.05
18	4.69	--	11.96	12.68	11.48	--	12.40	11.88	11.66	6.99	6.58	6.47
19	--	--	12.04	12.22	12.00	--	12.21	11.87	10.60	6.69	6.71	8.07
20	--	11.79	12.17	11.52	13.42	--	12.00	11.69	9.48	8.11	6.50	9.04
21	--	12.07	12.28	10.95	13.51	--	11.46	11.15	8.72	9.19	6.24	9.18
22	--	12.29	12.09	10.75	13.14	--	11.65	10.33	8.06	8.43	6.23	8.96
23	--	12.59	11.38	10.72	12.74	--	11.79	9.26	7.68	8.95	7.00	8.24
24	--	12.64	10.58	10.61	12.13	--	11.79	8.37	7.69	9.10	7.95	7.02
25	--	12.52	10.94	10.48	11.36	--	11.92	7.79	7.77	8.59	7.92	6.30
26	--	12.29	12.30	10.28	--	--	11.89	8.00	8.06	9.39	7.66	5.97
27	--	11.70	13.29	10.03	--	--	11.78	9.94	8.02	10.15	7.87	5.76
28	--	10.94	14.30	9.82	--	--	11.20	11.28	7.86	10.74	8.83	5.63
29	--	10.41	14.65	9.57	------	--	9.80	12.10	8.72	10.82	9.22	5.53
30	--	10.03	14.62	9.27	------	--	9.87	13.04	9.03	9.62	8.86	5.45
31	--	------	14.44	8.97	------	--	------	13.87	------	8.06	7.90	------
MAX	--	12.64	14.65	14.03	13.51	--	12.72	16.85	13.95	11.33	13.19	9.18
MIN	--	--	7.57	8.97	8.25	--	--	7.79	7.68	6.69	6.23	5.45

08013500 Calcasieu River near Oberlin, La.

LOCATION.--Lat 30°38'25", long 92°48'50", in NW¼NE¼ sec.7, T.5 S., R.4 W., Allen Parish, near right bank on downstream side of bridge on State Highway 26, 3.0 mi (4.8 km) northwest of Oberlin, and 15 mi (24 km) upstream from Whisky Chitto Creek.

DRAINAGE AREA.--753 mi^2 (1,950 km^2).

PERIOD OF RECORD.--August 1922 to January 1925, September 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 39.43 ft (12.018 m) above mean sea level (Louisiana Geodetic Survey bench mark). September 1938 to Aug. 17, 1959, nonrecording gage at same site. Prior to February 1925 at datum 2.5 ft (0.762 m) higher.

AVERAGE DISCHARGE.--39 years, (1922-24, 1938-75), 1,821 ft^3/s (51.56 m^3/s), 20.92 in/yr (531 mm/yr), 840,400 acre-ft/yr (1.04 km^3/yr). 38 years (1922-24, 1938-74), 1,143 ft^3/s (32.4 m^3/s), 828,100 acre-ft/yr (1.02 km^3/yr); figures published in Water Resources Data for Louisiana, 1974, in error.

EXTREMES.--Current year: Maximum discharge, 25,000 ft^3/s (708 m^3/s) May 7 (gage height, 20.25 ft or 6.172 m); minimum, 64 ft^3/s (1.81 m^3/s) Oct. 19, 20 (gage height, 1.93 ft or 0.588 m).
Period of record: Maximum discharge, 72,800 ft^3/s (2,060 m^3/s) May 19, 1953 (gage height, 26.53 ft or 8.086 m); minimum, 30 ft^3/s (0.85 m^3/s) Sept. 28, 29, Oct. 17-19, 1956; minimum gage height, 1.68 ft (0.512 m) Sept. 20, 21-22, 23, 1970, July 20, 1971. Flood in June 1886 reached a stage of between 22 ft (6.7 m) and 23 ft (7.0 m), present datum.

REMARKS.--Records good. Paper mill at Elizabeth pumps about 11 ft^3/s (0.31 m^3/s) from wells which is later discharged into Mill Creek 20 mi (32 km) upstream from station. This discharge is continuous and fairly constant. Some small diversions from April to September for rice irrigation upstream from station. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1512: 1923, 1939(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	82	71	889	7,420	646	1,040	602	5,960	4,460	1,480	2,210	621
2	81	69	701	6,830	584	923	550	5,670	4,590	1,320	2,440	464
3	78	84	582	6,030	534	817	580	4,230	4,930	1,170	2,740	340
4	74	146	496	5,270	564	725	630	4,560	4,630	1,280	3,300	275
5	72	198	428	4,600	774	708	650	6,560	3,890	1,440	3,850	240
6	71	232	448	3,900	792	698	613	8,540	3,220	1,330	4,990	221
7	71	249	1,100	3,770	717	710	522	21,300	2,640	1,130	5,150	203
8	69	249	1,700	6,190	708	730	536	23,100	2,210	1,020	4,590	187
9	68	222	1,800	5,400	761	782	1,270	16,200	2,410	980	3,810	180
10	67	245	1,600	4,780	890	867	1,730	10,500	2,390	1,060	3,400	230
11	66	315	1,470	4,600	1,090	971	1,880	9,050	2,250	1,850	3,060	190
12	66	410	1,470	3,970	1,340	1,080	1,570	11,800	2,100	3,940	2,580	240
13	65	435	1,580	3,250	1,530	1,280	1,190	11,000	1,930	3,720	2,050	190
14	65	414	1,790	2,760	1,530	1,920	1,480	7,420	1,650	2,310	1,440	250
15	66	376	2,350	2,470	1,210	1,980	2,210	5,350	1,450	1,160	859	320
16	66	378	2,940	2,460	1,010	1,750	2,290	4,260	1,510	691	556	245
17	65	455	2,820	2,710	1,570	1,590	2,220	3,470	1,600	588	428	500
18	65	544	2,280	3,210	1,930	1,780	2,150	2,830	1,550	530	362	300
19	64	639	1,810	3,320	1,630	2,240	2,090	2,290	1,530	455	320	220
20	64	763	1,520	2,950	1,340	2,390	1,970	1,860	2,370	396	286	210
21	68	860	1,380	2,500	1,230	2,620	1,790	1,580	2,170	508	262	240
22	97	842	1,340	2,010	1,510	2,820	1,680	1,480	1,210	655	249	330
23	125	881	1,360	1,560	2,290	2,780	1,760	1,340	817	1,500	254	380
24	122	967	1,430	1,310	2,990	3,200	1,740	1,120	1,030	1,840	267	390
25	104	1,060	1,480	2,230	2,890	3,810	1,540	859	887	1,980	299	310
26	92	1,190	1,630	2,450	2,430	3,550	1,370	643	971	1,250	339	260
27	85	1,340	2,110	1,920	1,830	2,910	1,280	522	1,060	887	532	210
28	82	1,400	2,730	1,310	1,320	2,240	1,270	506	1,090	792	769	170
29	80	1,340	3,320	1,020	------	1,660	1,260	1,160	1,520	774	635	150
30	76	1,140	4,450	831	------	1,130	2,430	3,380	1,280	1,000	534	135
31	73	------	6,990	727	------	766	------	4,690	------	1,510	588	------
TOTAL	2,389	17,514	57,994	103,758	37,640	52,467	42,853	183,230	65,345	40,546	53,149	8,201
MEAN	77.1	584	1,871	3,347	1,344	1,692	1,428	5,911	2,178	1,308	1,714	273
MAX	125	1,400	6,990	7,420	2,990	3,810	2,430	23,100	4,930	3,940	5,150	621
MIN	64	69	428	727	534	698	522	506	817	396	249	135
CFSM	.10	.78	2.48	4.44	1.78	2.25	1.90	7.85	2.89	1.74	2.28	.36
IN.	.12	.87	2.87	5.13	1.86	2.59	2.12	9.05	3.23	2.00	2.63	.41
AC-FT	4,740	34,740	115,000	205,800	74,660	104,100	85,000	363,400	129,600	80,420	105,400	16,270

CAL YR 1974 TOTAL 446,130 MEAN 1,222 MAX 10,500 MIN 64 CFSM 1.62 IN 22.04 AC-FT 884,900
WTR YR 1975 TOTAL 665,086 MEAN 1,822 MAX 23,100 MIN 64 CFSM 2.42 IN 32.86 AC-FT 1,319,000

PEAK DISCHARGE (BASE, 8,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
5-7	2400	20.25	25,000	5-12	2100	18.24	13,000

08013500 Calcasieu River near Oberlin, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.12	2.00	6.48	16.70	5.48	6.92	5.28	15.91	14.32	8.26	10.25	5.37
2	2.11	1.98	5.72	16.42	5.20	6.53	5.03	15.70	14.50	7.79	10.82	4.59
3	2.08	2.14	5.19	15.96	4.95	6.16	5.18	13.99	14.95	7.30	11.46	3.89
4	2.04	2.67	4.76	15.33	5.10	5.81	5.41	14.45	14.55	7.66	12.54	3.48
5	2.02	3.03	4.39	14.52	6.00	5.74	5.50	16.28	13.50	8.15	13.44	3.26
6	2.00	3.26	4.50	13.52	6.07	5.70	5.33	17.13	12.40	7.80	15.02	3.12
7	2.00	3.37	--	13.32	5.78	5.75	4.89	19.63	11.25	7.18	15.20	2.99
8	1.98	3.37	--	16.06	5.74	5.83	4.96	19.93	10.25	6.84	14.50	2.88
9	1.97	3.19	--	15.46	5.95	6.03	7.62	18.78	10.76	6.72	13.38	2.83
10	1.96	3.34	--	14.76	6.42	6.34	8.98	17.69	10.70	6.98	12.70	--
11	1.95	3.77	8.22	14.51	7.05	6.69	9.40	17.30	10.35	9.31	12.10	--
12	1.95	4.31	8.22	13.62	7.84	7.04	8.51	17.99	9.98	13.57	11.13	--
13	1.94	4.44	8.54	12.45	8.40	7.67	7.39	17.82	9.53	13.23	9.86	--
14	1.94	4.33	9.15	11.49	8.39	9.51	8.27	16.70	8.74	10.51	8.15	--
15	1.95	4.12	10.60	10.89	7.45	9.68	10.25	15.41	8.18	7.28	6.31	--
16	1.95	4.13	11.86	10.87	6.80	9.02	10.44	14.03	8.33	5.67	5.06	--
17	1.94	4.55	11.62	11.40	8.52	8.57	10.27	12.81	8.61	5.22	4.39	--
18	1.94	5.00	10.42	12.39	9.55	9.11	10.09	11.63	8.47	4.93	4.02	--
19	1.93	5.45	9.20	12.57	8.69	10.33	9.94	10.46	8.40	4.54	3.76	--
20	1.93	5.98	8.38	11.88	7.85	10.71	9.65	9.34	10.65	4.21	3.55	--
21	1.97	6.37	7.97	10.98	7.51	11.21	9.15	8.55	10.14	4.82	3.40	--
22	2.27	6.30	7.85	9.76	8.35	11.62	8.83	8.26	7.45	5.52	3.32	--
23	2.50	6.45	7.92	8.48	10.45	11.53	9.05	7.83	6.16	8.31	3.35	--
24	2.49	6.78	8.12	7.74	11.96	12.37	8.99	7.16	6.89	9.29	3.43	--
25	2.34	7.11	8.27	10.29	11.75	13.38	8.43	6.31	6.41	9.67	3.63	--
26	2.22	7.57	8.69	10.85	10.79	12.95	7.93	5.47	6.69	7.57	3.88	--
27	2.15	8.04	10.01	9.52	9.27	11.80	7.67	4.89	6.97	6.41	4.94	--
28	2.12	8.24	11.44	7.75	7.77	10.33	7.63	4.81	7.06	6.07	5.98	--
29	2.10	8.06	12.57	6.84	------	8.78	7.59	7.24	8.36	6.00	5.43	--
30	2.06	7.40	14.30	6.21	------	7.18	10.18	12.48	7.67	6.79	4.95	--
31	2.03	------	16.50	5.82	------	5.97	------	14.64	------	8.33	5.22	------
MAX	2.50	8.24	16.50	16.70	11.96	13.38	10.44	19.93	14.95	13.57	15.20	5.37
MIN	1.93	1.98	4.39	5.82	4.95	5.70	4.89	4.81	6.16	4.21	3.32	--

08014500 Whisky Chitto Creek near Oberlin, La.

LOCATION.--Lat 30°41'55", long 92°53'35", in NE¼NE¼ sec.20, T.4 S., R.5 W., Allen Parish, near left bank on downstream side of bridge on State Highway 26, 1.0 mi (1.6 km) downstream from Tenmile Creek, 8.0 mi (12.9 km) upstream from Bundick Creek, and 10 mi (16 km) northwest of Oberlin.

DRAINAGE AREA.--510 mi^2 (1,321 km^2).

PERIOD OF RECORD.--January 1939 to current year. Prior to October 1963 published as Whiskey Chitto Creek near Oberlin.

GAGE.--Water-stage recorder. Datum of gage is 46.24 ft (14.094 m) above mean sea level (Louisiana Geodetic Survey bench mark). Prior to Oct. 19, 1944, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--36 years, 812 ft^3/s (22.99 m^3/s), 21.62 in/yr (549 mm/yr), 588,300 acre-ft/yr (725 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 9,130 ft^3/s (259 m^3/s) May 5 (gage height, 18.52 ft or 5.645 m); minimum, 201 ft^3/s (5.69 m^3/s) Oct. 27 (gage height, 2.90 ft or 0.884 m).
Period of record: Maximum discharge, 144,000 ft^3/s (4,080 m^3/s) May 18, 1953 (gage height, 32.8 ft or 5.997 m, from floodmark), from rating curve extended above 35,000 ft^3/s (991 m^3/s) on basis of slope-area measurement of peak flow; minimum, 88 ft^3/s (2.49 m^3/s) Oct. 19, 20, 1956; minimum gage height, 2.48 ft (0.756 m) Aug. 17, 1970.
Flood in June 1886 reached a stage of 25.7 ft (7.8 m), from floodmarks preserved by local residents.

REMARKS.--Records good except those for period of no gage-height record which are fair. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	249	393	419	4,250	554	527	727	4,250	2,900	1,100	1,940	683
2	245	305	415	2,520	532	509	585	6,120	2,800	1,300	1,870	674
3	237	262	424	1,460	521	493	516	8,370	2,600	1,700	2,320	575
4	233	258	399	1,480	568	498	484	9,000	2,200	1,590	4,200	512
5	226	251	382	1,550	1,040	544	458	8,850	1,900	1,490	7,590	480
6	222	277	566	1,340	1,370	854	426	8,180	1,700	1,500	8,210	460
7	220	406	2,040	1,230	1,290	949	406	7,930	1,500	1,170	6,800	462
8	218	344	1,920	2,600	895	711	475	7,140	1,450	617	5,220	500
9	216	285	1,990	2,620	719	735	1,380	6,440	1,400	500	3,700	566
10	216	285	2,050	2,440	646	558	1,590	4,950	1,350	518	2,160	530
11	214	377	1,690	2,690	618	516	1,550	4,050	1,200	1,190	1,280	572
12	214	397	1,010	2,490	592	507	1,180	4,040	1,050	2,730	921	605
13	214	611	1,020	2,310	683	568	850	3,290	950	2,630	853	512
14	214	570	913	2,130	834	1,380	870	1,900	900	1,820	653	502
15	216	388	916	1,670	701	1,930	1,410	1,370	900	812	566	605
16	212	333	1,110	1,140	633	2,070	1,590	1,450	950	538	513	550
17	218	325	1,250	943	680	1,690	1,520	1,570	1,000	455	460	593
18	270	329	1,120	862	988	1,340	946	1,500	950	405	448	578
19	256	426	761	864	1,020	1,860	667	1,250	1,000	375	635	815
20	230	592	636	884	772	2,010	575	858	1,100	617	550	767
21	216	1,140	585	890	646	2,020	525	659	1,000	918	428	550
22	209	1,590	556	786	585	1,470	737	566	700	1,190	403	475
23	207	1,920	518	703	570	848	1,550	518	600	1,380	590	438
24	205	1,360	507	696	631	881	1,810	478	700	1,710	668	412
25	203	667	848	1,010	845	803	1,760	440	650	2,150	716	405
26	203	623	1,820	1,020	753	732	1,000	408	700	2,580	939	392
27	203	722	2,710	952	616	602	685	623	800	2,440	1,220	382
28	209	590	4,070	778	556	532	561	1,000	900	1,180	1,380	370
29	220	495	5,460	685	------	516	500	1,800	1,000	704	1,320	358
30	222	449	6,580	611	------	546	1,510	2,800	1,000	761	988	350
31	322	------	5,690	578	------	740	------	3,000	------	1,320	782	------
TOTAL	6,959	16,970	50,375	46,182	20,858	29,939	28,843	104,800	37,850	39,390	60,323	15,673
MEAN	224	566	1,625	1,490	745	966	961	3,381	1,262	1,271	1,946	522
MAX	322	1,920	6,580	4,250	1,370	2,070	1,810	9,000	2,900	2,730	8,210	815
MIN	203	251	382	578	521	493	406	408	600	375	403	350
CFSM	.44	1.11	3.19	2.92	1.46	1.89	1.88	6.63	2.47	2.49	3.82	1.02
IN.	.51	1.24	3.67	3.37	1.52	2.18	2.10	7.64	2.76	2.87	4.40	1.14
AC-FT	13,800	33,660	99,920	91,600	41,370	59,380	57,210	207,900	75,080	78,130	119,700	31,090

CAL YR 1974 TOTAL 372,909 MEAN 1,022 MAX 9,830 MIN 191 CFSM 2.00 IN 27.20 AC-FT 739,700
WTR YR 1975 TOTAL 458,162 MEAN 1,255 MAX 9,000 MIN 203 CFSM 2.46 IN 33.42 AC-FT 908,800

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-30	1100	16.51	6,690	5-31	unknown	unknown	about 3,300
5- 5	0130	18.52	9,130	8- 6	0100	18.18	8,660

NOTE.--No gage-height record May 28 to July 3.

08014500 Whisky Chitto Creek near Oberlin, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.13	3.79	3.91	13.65	4.49	4.11	5.18	13.65	--	--	9.07	4.96
2	3.11	3.39	3.89	10.42	4.40	4.03	4.62	15.93	--	--	8.88	4.92
3	3.07	3.19	3.93	7.55	4.35	3.96	4.33	17.95	--	--	10.07	4.53
4	3.05	3.17	3.82	7.60	4.55	3.98	4.19	18.43	--	8.07	13.59	4.28
5	3.02	3.14	3.74	7.82	6.27	4.18	4.08	18.32	--	7.78	17.32	4.14
6	3.00	3.26	4.54	7.20	7.28	5.47	3.94	17.81	--	7.80	17.83	4.06
7	2.99	3.85	9.16	6.86	6.99	5.79	3.85	17.60	--	6.88	16.61	4.07
8	2.98	3.57	8.83	10.63	5.59	4.85	4.15	16.92	--	5.19	14.93	4.22
9	2.97	3.30	9.02	10.68	4.88	4.95	7.32	16.26	--	4.76	12.83	4.50
10	2.97	3.30	9.20	10.22	4.60	4.24	7.93	14.65	--	4.83	9.65	4.35
11	2.96	3.72	8.20	10.86	4.49	4.06	7.81	13.37	--	6.92	7.18	4.52
12	2.96	3.81	6.17	10.35	4.38	4.02	6.71	13.35	--	11.06	6.16	4.65
13	2.96	4.73	6.21	9.88	4.74	4.28	5.63	12.15	--	10.86	5.64	4.28
14	2.96	4.56	5.85	9.41	5.34	7.22	5.70	9.03	--	8.70	5.31	4.23
15	2.97	3.77	5.86	8.14	4.81	8.86	7.39	7.45	--	5.84	5.02	4.65
16	2.95	3.52	6.50	6.60	4.55	9.24	7.92	7.68	--	4.91	4.81	4.44
17	2.98	3.48	6.92	5.95	4.73	8.20	7.72	8.00	--	4.58	4.60	4.60
18	3.23	3.50	6.52	5.67	5.95	7.18	5.96	7.81	--	4.38	4.55	4.55
19	3.16	3.94	5.31	5.68	6.10	8.68	4.95	7.10	--	4.26	5.25	5.50
20	3.04	4.65	4.83	5.75	5.10	9.10	4.58	5.98	--	5.19	4.96	5.30
21	2.97	6.60	4.62	5.77	4.60	9.12	4.37	5.33	--	6.15	4.47	4.44
22	2.94	7.92	4.50	5.40	4.35	5.90	5.22	5.02	--	6.93	4.37	4.12
23	2.93	8.84	4.34	5.09	4.29	5.62	7.80	4.83	--	7.47	5.10	3.97
24	2.92	7.25	4.29	5.06	4.54	5.74	8.52	4.67	--	8.41	5.36	3.87
25	2.91	4.95	5.62	6.16	5.34	5.46	8.39	4.52	--	9.63	5.52	3.84
26	2.91	4.78	8.55	6.21	5.03	5.20	6.14	4.39	--	10.72	6.21	3.79
27	2.91	5.16	10.90	5.98	4.48	4.69	5.02	5.21	--	10.38	7.02	3.75
28	2.94	4.64	13.40	5.37	4.23	4.40	4.52	--	--	6.91	7.47	3.70
29	2.99	4.24	15.20	5.02	------	4.33	4.26	--	--	5.48	7.26	3.65
30	3.00	4.04	16.40	4.73	------	4.46	7.53	--	--	5.67	6.12	3.62
31	3.47	------	15.45	4.59	------	5.23	------	--	------	7.39	5.36	------
MAX	3.47	8.84	16.40	13.65	7.28	9.24	8.52	18.43	--	11.06	17.83	5.50
MIN	2.91	3.14	3.74	4.59	4.23	3.96	3.85	4.39	--	4.26	4.37	3.62

08014800 Bundick Creek near De Ridder, La.

LOCATION.--Lat 30°49'09", long 93°13'51", in SE¼NW¼ sec.7, T.3 S., R.8 W., Beauregard Parish, near left bank on downstream side of bridge on State Highway 26, 1.1 mi (1.8 km) downstream from Flat Creek, and 3.8 mi (6.1 km) southeast of De Ridder.

DRAINAGE AREA.--120 mi^2 (311 km^2).

PERIOD OF RECORD.--March 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 113.75 ft (34.671 m) above mean sea level (Louisiana Geodetic Survey bench mark).

AVERAGE DISCHARGE.--19 years, 163 ft^3/s (4.616 m^3/s), 18.45 in/yr (469 mm/yr), 118,100 acre-ft/yr (146 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 5,750 ft^3/s (163 m^3/s) May 1 (gage height, 18.77 ft or 5.721 m); minimum, 20 ft^3/s (0.57 m^3/s) Oct. 13, 14 (gage height, 2.16 ft or 0.658 m).
Period of record: Maximum discharge, 17,200 ft^3/s (487 m^3/s) Mar. 25, 1973 (gage height, 21.71 ft or 6.617 m); minimum, 8.8 ft^3/s (0.25 m^3/s) Oct. 16, 1956; minimum gage height, 1.90 ft (0.579 m) Sept. 3, 4, 1965.

REMARKS.--Records good. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 2122: 1957-58, 1961-62, 1964(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	51	69	230	83	71	100	2,970	643	472	185	68
2	24	43	69	169	82	69	83	2,480	203	230	557	56
3	23	44	62	215	82	67	77	878	111	186	911	50
4	23	58	58	299	307	73	70	876	87	150	834	46
5	22	216	56	246	576	141	62	1,480	117	196	1,150	45
6	22	140	216	162	408	183	59	1,180	411	134	1,080	50
7	21	63	858	202	189	117	55	694	293	83	714	52
8	21	54	911	568	116	87	83	682	154	70	242	54
9	21	59	481	493	101	76	272	1,020	204	78	298	56
10	22	74	142	459	94	68	279	896	456	112	197	64
11	22	225	144	858	91	68	196	373	536	248	122	115
12	21	304	231	846	203	74	151	169	401	417	98	128
13	21	229	201	591	137	445	105	134	204	310	86	84
14	21	80	127	351	102	801	153	120	115	139	74	97
15	26	57	257	224	169	639	577	184	158	79	67	125
16	32	52	392	167	278	263	443	319	172	67	62	95
17	41	63	313	148	218	142	162	202	167	62	165	681
18	34	85	148	152	125	548	103	137	108	64	217	1,100
19	28	146	105	199	97	889	87	104	77	97	126	649
20	25	712	96	214	84	664	78	85	170	487	72	148
21	23	942	89	188	81	226	128	77	199	597	60	88
22	22	384	81	139	101	138	582	73	172	637	54	73
23	22	113	78	114	142	121	761	69	471	525	59	63
24	22	96	210	108	110	117	560	64	359	726	75	56
25	22	158	601	130	98	102	174	66	244	368	158	52
26	22	184	928	148	86	85	113	101	156	130	308	49
27	22	123	1,120	115	78	76	88	154	183	94	267	46
28	23	82	1,190	95	73	74	74	173	444	77	134	44
29	61	70	1,040	92	------	94	67	379	864	69	87	42
30	107	67	827	87	------	156	338	995	816	87	70	41
31	88	------	462	86	------	148	------	979	------	175	71	------
TOTAL	931	4,974	11,562	8,095	4,311	6,822	6,080	18,113	8,995	7,166	8,600	4,317
MEAN	30.0	166	373	261	154	220	203	584	300	231	277	144
MAX	107	942	1,190	858	576	889	761	2,970	864	726	1,150	1,100
MIN	21	43	56	86	73	67	55	64	77	62	54	41
CFSM	.25	1.38	3.11	2.18	1.28	1.83	1.69	4.87	2.50	1.93	2.31	1.20
IN.	.29	1.54	3.58	2.51	1.34	2.11	1.88	5.62	2.79	2.22	2.67	1.34
AC-FT	1,850	9,870	22,930	16,060	8,550	13,530	12,060	35,930	17,840	14,210	17 060	8,560

CAL YR 1974 TOTAL 68,643 MEAN 188 MAX 4,260 MIN 21 CFSM 1.57 IN 21.28 AC-FT 136,200
WTR YR 1975 TOTAL 89,966 MEAN 246 MAX 2,970 MIN 21 CFSM 2.05 IN 27.89 AC-FT 178,400

PEAK DISCHARGE (BASE, 900 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
11-21	0230	14.20	1,070	5- 9	2030	14.49	1,110
12- 8	0015	13.68	989	5-30	2400	14.14	1,060
12-28	0715	15.02	1,220	6-29	2145	13.42	956
1-11	2215	13.32	944	8- 3	1645	13.67	988
3-19	1445	13.11	921	8- 5	2000	15.12	1,250
5- 1	1745	18.77	5,750	9-18	0115	14.87	1,180
5- 5	1700	15.82	1,730				

08014800 Bundick Creek near De Ridder, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.30	2.87	3.21	5.63	3.49	3.25	3.79	15.99	10.28	8.41	5.02	3.20
2	2.25	2.71	3.21	4.82	3.47	3.22	3.50	16.42	5.24	5.61	9.35	2.95
3	2.23	2.72	3.08	5.44	3.48	3.17	3.38	12.59	3.96	5.05	12.95	2.84
4	2.22	2.99	2.99	6.49	6.42	3.30	3.23	12.56	3.57	4.54	12.30	2.77
5	2.21	5.74	2.95	5.82	9.62	4.41	3.08	15.44	4.01	5.19	14.36	2.74
6	2.20	4.51	5.14	4.72	7.75	5.01	3.01	14.62	7.76	4.30	14.16	2.83
7	2.18	3.10	12.44	5.20	5.06	4.06	2.94	10.85	6.34	3.50	11.03	2.87
8	2.18	2.93	12.97	9.51	4.05	3.56	3.47	10.75	4.60	3.24	5.75	2.92
9	2.19	3.02	8.44	8.68	3.80	3.35	6.12	13.83	5.26	3.40	6.47	2.97
10	2.19	3.31	4.43	8.28	3.69	3.20	6.24	12.79	8.28	3.96	5.18	3.13
11	2.19	5.83	4.45	12.49	3.63	3.20	5.18	7.30	9.18	5.76	4.14	4.03
12	2.18	6.94	5.63	12.41	5.20	3.32	4.55	4.81	7.66	7.85	3.75	4.23
13	2.17	5.90	5.25	9.76	4.34	8.07	3.85	4.32	5.27	6.62	3.54	3.51
14	2.17	3.44	4.22	7.12	3.82	12.00	4.51	4.10	4.02	4.35	3.33	3.73
15	2.29	2.98	5.89	5.53	4.79	10.26	9.61	4.99	4.62	3.42	3.18	4.16
16	2.46	2.88	7.58	4.79	6.22	5.97	8.09	6.74	4.85	3.18	3.08	3.64
17	2.66	3.10	6.64	4.51	5.47	4.43	4.70	5.25	4.78	3.08	4.74	10.34
18	2.49	3.54	4.50	4.57	4.17	9.18	3.83	4.35	3.90	3.11	5.45	14.29
19	2.34	4.47	3.87	5.23	3.74	12.81	3.56	3.85	3.38	3.66	4.18	10.30
20	2.27	10.92	3.71	5.42	3.52	10.53	3.40	3.54	4.82	8.58	3.28	4.55
21	2.24	13.23	3.60	5.07	3.45	5.51	4.11	3.37	5.23	9.83	3.04	3.68
22	2.21	7.32	3.45	4.37	3.79	4.37	9.66	3.29	4.85	10.29	2.93	3.40
23	2.20	3.99	3.39	4.02	4.43	4.13	11.61	3.21	8.41	9.05	3.02	3.22
24	2.20	3.72	5.33	3.91	--	4.05	9.37	3.11	10.52	11.25	3.34	3.08
25	2.20	4.66	9.84	4.26	--	3.82	4.87	3.15	5.72	7.24	4.62	3.00
26	2.20	5.03	13.12	4.51	--	3.53	3.99	3.80	4.63	4.25	6.59	2.94
27	2.20	4.14	14.41	4.03	3.39	3.35	3.58	4.59	5.02	3.69	6.06	2.88
28	2.23	3.47	14.88	3.70	3.30	3.32	3.31	4.85	8.07	3.38	4.30	2.84
29	3.06	3.23	14.05	3.65	------	3.69	3.17	7.34	12.54	3.21	3.57	2.81
30	3.97	3.18	12.21	3.55	------	4.64	6.75	13.68	12.11	3.56	3.24	2.79
31	3.61	------	8.30	3.55	------	4.52	------	13.60	------	4.90	3.26	------
MAX	3.97	13.23	14.88	12.49	9.62	12.81	11.61	16.42	12.54	11.25	14.36	14.29
MIN	2.17	2.71	2.95	3.55	3.30	3.17	2.94	3.11	3.38	3.08	2.93	2.74

08015500 Calcasieu River near Kinder, La.

LOCATION.--Lat 30°30'10", long 92°54'55", in NW¼SE¼ sec.30, T.6 S., R.5 W., Allen Parish, on left bank on downstream side of bridge on U. S. Highway 190, 0.5 mi (0.8 km) downstream from Whisky Chitto Creek, and 4.0 mi (6.4 km) west of Kinder.

DRAINAGE AREA.--1,700 mi^2 (4,403 km^2).

PERIOD OF RECORD.--August 1922 to January 1925, October 1938 to September 1957, October 1961 to current year. October 1957 to September 1961 (annual maximums) from U. S. Weather Bureau records.

GAGE.--Water-stage recorder. Datum of gage is 11.95 ft (3.642 m) above mean sea level (Louisiana Geodetic Survey bench mark). August 1922 to January 1925, water-stage recorder 400 ft (122 m) downstream at datum 1.77 ft (0.539 m) higher. October 1938 to July 9, 1939, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--35 years (1922-24, 1938-57, 1961-75), 2,590 ft^3/s (73.34 m^3/s), 1,876,000 acre-ft/yr (2.31 km^3/yr).

EXTREMES.--Current year: Maximum discharge, 29,900 ft^3/s (847 m^3/s) May 9 (gage height, 19.56 ft or 5.962 m); minimum, 333 ft^3/s (9.43 m^3/s) Oct. 22 (gage height, 2.15 ft or 0.655 m).
Period of record: Maximum discharge, 182,000 ft^3/s (5,154 m^3/s) May 19, 1953 (gage height, 32.00 ft or 9.754 m); minimum, 136 ft^3/s (3.85 m^3/s) Aug. 15, 1956; minimum gage height, 1.99 ft (0.606 m) Aug. 17, 1951, Oct. 20, 1973.

REMARKS.--Records good. Paper mill at Elizabeth pumps about 11 ft^3/s (0.31 m^3/s) from wells which is later discharged into Mill Creek 36 mi (58 km) above station. This discharge is continuous and fairly constant. Water is diverted during period April to September at points just above station and 5.0 mi (8.0 km) above station for the irrigation of about 7,500 acres (30.4 km^2) of rice, part of which is below station. The maximum rate of withdrawal is about 100 ft^3/s (2.83 m^3/s) and this diversion results in marked regulation of the low-water flow. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	470	531	1,740	14,000	1,710	2,020	1,830	8,490	9,600	4,590	3,800	1,700
2	456	549	1,460	12,000	1,610	1,760	1,620	13,900	8,400	4,830	5,400	1,500
3	445	486	1,270	11,000	1,520	1,620	1,480	15,200	7,800	4,380	5,900	1,300
4	430	499	1,140	9,450	1,540	1,550	1,430	14,500	6,900	3,890	6,220	1,100
5	419	582	1,040	8,450	2,090	1,640	1,410	15,700	5,900	3,600	8,110	1,000
6	412	594	1,120	7,360	2,720	1,690	1,350	17,100	5,200	3,360	11,800	900
7	403	695	2,800	7,190	2,880	1,930	1,260	17,800	4,300	3,100	14,000	850
8	387	878	4,350	12,600	2,620	1,860	1,270	26,000	3,500	2,540	13,500	900
9	378	820	4,700	15,100	2,160	1,710	2,520	29,100	3,700	2,090	11,900	1,100
10	375	721	4,860	13,600	1,970	1,640	3,700	23,900	4,000	2,000	9,900	1,600
11	372	881	4,690	11,600	1,950	1,660	3,890	18,400	3,800	2,970	6,710	1,200
12	371	1,020	4,030	10,500	2,040	1,720	3,760	15,500	4,300	5,370	5,050	1,150
13	370	1,110	3,180	8,900	2,200	1,890	2,860	15,800	5,400	6,910	4,020	1,110
14	365	1,300	2,990	7,420	2,440	2,640	2,940	15,400	4,700	7,130	3,210	1,110
15	374	1,190	3,280	6,330	2,490	4,000	4,900	11,600	4,020	4,800	2,560	1,150
16	380	1,010	4,020	5,000	2,140	4,360	5,130	8,780	3,250	2,860	1,890	2,250
17	382	1,070	4,280	4,490	2,300	4,410	4,750	7,120	3,020	2,030	1,580	2,450
18	379	1,190	4,340	4,190	2,850	4,140	4,320	5,950	3,050	1,670	1,400	1,950
19	415	1,200	3,940	4,360	3,220	4,220	3,640	4,970	2,920	1,690	1,390	1,860
20	408	1,500	3,190	4,570	2,900	4,720	3,200	4,010	3,200	1,860	1,470	1,900
21	376	1,860	2,570	4,390	2,370	5,000	2,930	3,110	3,660	1,850	1,330	1,720
22	350	2,360	2,270	3,930	2,180	5,220	3,030	2,580	3,250	2,290	1,210	1,380
23	396	2,790	2,140	3,290	2,400	4,880	3,230	2,340	2,370	3,890	1,230	1,190
24	425	3,160	2,090	2,740	2,940	4,410	3,680	2,130	2,830	4,310	1,430	1,090
25	418	2,780	2,090	4,110	3,460	4,500	3,900	1,890	3,140	4,700	1,620	1,000
26	399	2,210	4,000	4,640	3,700	4,580	3,700	1,630	2,990	5,100	1,900	915
27	384	2,200	6,000	4,310	3,310	4,460	2,920	1,430	3,350	4,880	2,300	834
28	367	2,260	9,800	3,250	2,600	3,950	2,370	1,630	3,250	4,240	2,810	779
29	430	2,110	12,500	2,560	------	3,300	2,210	2,370	3,430	2,900	2,700	742
30	438	1,970	15,000	2,070	------	2,590	3,310	5,000	4,150	2,530	2,300	714
31	422	------	16,000	1,850	------	2,030	------	7,000	------	2,760	1,900	------
TOTAL	12,396	41,526	136,880	215,250	68,310	96,100	88,540	320,330	129,380	111,120	140,540	38,444
MEAN	400	1,384	4,415	6,944	2,440	3,100	2,951	10,330	4,313	3,585	4,534	1,281
MAX	470	3,160	16,000	15,100	3,700	5,220	5,130	29,100	9,600	7,130	14,000	2,450
MIN	350	486	1,040	1,850	1,520	1,550	1,260	1,430	2,370	1,670	1,210	714
AC-FT	24,590	82,370	271,500	426,900	135,500	190,600	175,600	635,400	256,600	220,400	278,800	76,250

CAL YR 1974 TOTAL 1,122,661 MEAN 3,076 MAX 23,200 MIN 350 AC-FT 2,227,000
WTR YR 1975 TOTAL 1,398,816 MEAN 3,832 MAX 29,100 MIN 350 AC-FT 2,775,000

08015500 Calcasieu River near Kinder, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.58	2.77	6.23	--	6.14	6.93	6.46	14.28	--	11.66	10.17	--
2	2.53	2.83	5.48	--	5.88	6.28	5.91	16.65	--	11.97	12.20	--
3	2.50	2.63	4.97	--	5.64	5.91	5.53	16.97	--	11.37	13.11	--
4	2.45	2.67	4.60	15.26	5.70	5.74	5.40	16.81	--	10.67	13.40	--
5	2.42	2.93	4.30	14.79	7.10	5.97	5.34	17.10	--	10.20	14.51	--
6	2.40	2.97	4.53	14.21	8.54	6.09	5.20	17.44	--	9.81	15.89	--
7	2.37	3.27	8.58	13.91	8.85	6.71	4.94	17.61	--	9.30	16.70	--
8	2.32	3.82	11.34	16.08	8.34	6.53	4.98	19.03	--	8.16	16.56	--
9	2.29	3.65	11.80	16.98	7.28	6.14	8.02	19.46	--	7.12	16.13	--
10	2.28	3.35	12.00	16.60	6.80	5.97	10.41	18.74	--	6.88	15.45	--
11	2.27	3.83	11.79	16.04	6.75	6.02	10.70	17.73	--	8.70	14.22	--
12	2.27	4.24	10.87	15.68	7.00	6.17	10.50	17.05	--	12.00	12.68	--
13	2.27	4.51	9.46	15.00	7.38	6.61	9.26	17.14	--	13.70	11.31	4.52
14	2.25	5.04	9.08	14.25	7.96	8.34	8.98	17.04	11.80	14.09	9.87	4.50
15	2.28	4.74	9.64	13.50	8.06	10.59	11.63	16.03	10.85	12.70	8.18	4.63
16	2.30	4.20	10.87	12.55	7.23	11.36	12.34	14.94	9.58	9.46	6.61	7.48
17	2.30	4.40	11.25	11.53	7.60	11.43	11.89	14.07	9.14	6.95	5.79	7.99
18	2.29	4.74	11.33	11.13	8.80	11.06	11.31	13.16	9.20	6.03	5.31	6.84
19	2.41	4.77	10.75	11.36	9.54	11.17	10.30	12.13	8.94	6.09	5.29	6.63
20	2.38	5.58	9.47	11.63	8.90	11.83	9.50	10.84	9.48	6.53	5.50	6.71
21	2.28	6.53	8.23	11.40	7.79	12.18	8.97	9.32	10.31	6.49	5.14	6.28
22	2.20	7.75	7.55	10.74	7.33	12.44	9.17	8.25	9.57	7.58	4.80	5.43
23	2.35	8.68	7.24	9.66	7.85	12.03	9.55	7.71	7.77	10.32	4.87	4.93
24	2.44	9.41	7.10	8.58	8.97	11.42	10.37	7.20	8.75	11.29	5.41	4.66
25	2.42	8.65	7.10	10.53	9.97	11.54	10.72	6.60	9.39	11.80	5.90	4.42
26	2.36	7.41	--	11.73	10.37	11.65	10.40	5.93	9.08	12.30	6.64	4.17
27	2.31	7.38	--	11.29	9.70	11.49	8.93	5.41	9.77	12.02	7.61	3.92
28	2.25	7.52	--	10.01	8.27	10.77	7.80	5.93	9.59	11.17	8.72	3.76
29	2.45	7.15	--	8.20	------	9.68	7.40	7.75	9.91	8.89	--	3.65
30	2.48	6.82	--	7.05	------	8.26	9.17	--	11.06	8.13	--	3.56
31	2.43	------	--	6.49	------	6.95	------	--	------	8.61	--	------
MEAN	2.36	5.14			7.85	8.88	8.70			9.74		
MAX	2.58	9.41	--		10.37	12.44	12.34	19.46	--	14.09	16.70	--
MIN	2.20	2.63	4.30	6.49	5.64	5.74	4.94	5.41	7.77	6.03	4.80	3.56

08016400 Beckwith Creek near De Quincy, La.

LOCATION.--Lat 30°28'15", long 93°21'35", in SE¼NW¼ sec.11, T.7 S., R.10 W., Beauregard Parish, near right bank on downstream side of bridge on State Highway 12, 300 ft (91 m) upstream from New Orleans, Texas and Mexico Railway bridge, 2.3 mi (3.7 km) downstream from Hams Creek, and 4.4 mi (7.1 km) northwest of De Quincy.

DRAINAGE AREA.--148 mi^2 (383 km^2).

PERIOD OF RECORD.--August 1945 to current year.

GAGE.--Water-stage recorder. Datum of gage is 25.29 ft (7.708 m) above mean sea level. Prior to Oct. 28, 1950, nonrecording gage and Oct. 29, 1950, to Jan. 3, 1961, water-stage recorder 1,000 ft (305 m) upstream at same datum.

AVERAGE DISCHARGE.--30 years, 200 ft^3/s (5.663 m^3/s), 18.35 in/yr (466 mm/yr), 144,900 acre-ft/yr (179 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 2,790 ft^3/s (70.0 m^3/s) Sept. 17 (gage height, 18.42 ft or 5.614 m); minimum, 4.0 ft^3/s (0.11 m^3/s) Oct. 28 (gage height, 1.54 ft or 0.469 m).
Period of record: Maximum discharge, 13,800 ft^3/s (391 m^3/s) May 21, 1955 (gage height, 24.45 ft or 7.452 m); minimum, 0.1 ft^3/s (0.003 m^3/s) Sept. 27 to Oct. 30, 1956; minimum gage height, 0.87 ft (0.265 m) Sept. 26, 1954.

REMARKS.--Records good except those for period of no gage-height record, which are fair. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 1118: 1946, 1947(M). WSP 1512: 1945.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.9	12	24	1,080	58	23	44	1,350	864	402	523	59
2	9.1	11	21	757	57	21	35	1,030	1,110	213	1,650	35
3	8.5	16	19	511	58	60	28	793	1,060	302	1,190	26
4	8.2	29	18	461	547	140	23	706	557	547	1,460	21
5	8.2	26	17	304	734	280	20	701	103	394	2,420	19
6	7.4	20	51	241	466	220	18	491	56	167	1,830	20
7	6.8	86	551	794	398	160	16	481	41	76	1,350	18
8	6.4	109	587	2,420	363	110	381	1,050	33	43	910	21
9	6.4	50	570	1,360	179	70	491	1,030	163	31	662	22
10	5.8	98	546	1,020	92	54	234	851	697	41	405	73
11	5.7	201	627	1,130	69	47	213	616	782	108	186	60
12	6.1	137	439	896	60	41	135	438	654	267	124	290
13	5.7	142	176	840	53	70	78	195	540	338	84	38
14	5.2	158	146	759	47	140	944	88	356	401	59	23
15	5.7	92	566	727	43	230	1,100	117	142	432	46	31
16	5.4	40	486	510	58	290	435	101	69	164	46	132
17	5.2	36	318	222	137	350	263	96	50	70	179	2,390
18	5.1	28	266	189	83	270	149	120	72	61	108	1,700
19	5.0	63	185	435	69	210	76	131	49	58	79	678
20	5.2	243	95	470	59	180	50	67	32	93	58	278
21	5.1	216	62	415	47	220	59	40	54	49	49	85
22	5.0	185	49	249	39	190	340	28	67	82	36	45
23	4.8	143	42	147	40	150	198	22	70	496	29	33
24	4.8	93	43	225	51	110	130	18	67	1,240	25	26
25	4.8	66	223	618	36	80	90	16	82	884	27	22
26	4.7	53	757	329	31	60	61	14	343	1,150	26	18
27	4.6	45	1,360	188	28	46	41	45	447	1,050	49	17
28	4.4	57	1,580	132	25	38	30	138	281	618	99	15
29	6.4	43	1,480	97	------	34	23	407	144	231	178	14
30	7.3	30	1,520	78	------	30	744	1,070	311	209	186	13
31	7.3	------	1,400	66	------	26	------	1,030	------	297	145	------
TOTAL	189.2	2,527	14,224	17,670	3,927	3,950	6,449	13,280	9,296	10,514	14,218	6,222
MEAN	6.10	84.2	459	570	140	127	215	428	310	339	459	207
MAX	9.1	243	1,580	2,420	734	350	1,100	1,350	1,110	1,240	2,420	2,390
MIN	4.4	11	17	66	25	21	16	14	32	31	25	13
CFSM	.04	.57	3.10	3.85	.95	.86	1.45	2.89	2.09	2.29	3.10	1.40
IN.	.05	.64	3.58	4.44	.99	.99	1.62	3.34	2.34	2.64	3.57	1.56
AC-FT	375	5,010	28,210	35,050	7,790	7,830	12,790	26,340	18,440	20,850	28,200	12,340

CAL YR 1974 TOTAL 82,747.7 MEAN 227 MAX 3,480 MIN 4.4 CFSM 1.53 IN 20.80 AC-FT 164,100
WTR YR 1975 TOTAL 102,466.2 MEAN 281 MAX 2,420 MIN 4.4 CFSM 1.90 IN 25.76 AC-FT 203,200

PEAK DISCHARGE (BASE, 1,600 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-28	0600	15.20	1,600	8- 5	0900	18.26	2,660
1- 8	1015	18.40	2,770	9-17	1500	18.42	2,790
8- 2	1115	16.01	1,740				

NOTE.--No gage-height record Feb. 28 to Apr. 3.

08016400 Beckwith Creek near De Quincy, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.86	1.97	2.36	12.11	3.12	--	--	13.79	10.68	6.99	7.80	3.00
2	1.86	1.94	2.26	9.90	3.09	--	--	11.78	12.28	5.12	15.32	2.49
3	1.83	2.12	2.21	8.00	3.12	--	--	10.18	11.98	5.99	12.83	2.28
4	1.81	2.44	2.17	7.55	7.96	--	2.33	9.54	8.23	8.28	14.25	2.16
5	1.81	2.40	2.14	6.10	9.71	--	2.25	9.51	3.80	6.95	17.75	2.09
6	1.77	2.23	2.76	5.46	7.60	--	2.18	7.80	3.07	4.61	16.07	2.10
7	1.73	3.57	8.32	9.43	6.98	--	2.11	7.73	2.77	3.41	13.77	2.06
8	1.71	3.91	8.63	17.84	6.66	--	6.24	11.85	2.58	2.81	10.98	2.15
9	1.70	2.95	8.50	13.78	4.76	--	7.73	11.78	4.15	2.55	9.21	2.17
10	1.67	3.59	8.30	11.71	3.66	--	5.38	10.59	9.47	2.76	7.03	3.18
11	1.66	5.00	8.94	12.43	3.32	--	5.15	8.84	10.10	3.77	4.79	2.89
12	1.69	4.26	7.31	10.90	3.15	--	4.24	7.35	9.15	5.71	3.99	5.69
13	1.66	4.33	4.74	10.50	3.02	--	3.46	4.93	8.24	6.43	3.42	2.56
14	1.63	4.52	4.37	9.92	2.90	--	10.62	3.61	6.57	7.02	3.01	2.20
15	1.66	3.64	8.38	9.68	2.80	--	12.20	4.00	4.32	7.30	2.75	2.38
16	1.64	2.73	7.76	7.98	3.08	--	7.31	3.79	3.30	4.55	2.71	3.49
17	1.63	2.66	6.23	5.23	4.25	--	5.68	3.73	2.97	3.34	4.71	17.42
18	1.62	2.47	5.72	4.84	3.48	--	4.41	4.05	3.37	3.18	3.80	15.36
19	1.61	3.09	4.83	7.32	3.32	--	3.43	4.19	2.94	3.08	3.33	9.25
20	1.63	5.49	3.71	7.64	3.13	--	2.97	3.27	2.57	3.65	2.99	5.79
21	1.62	5.19	3.19	7.14	2.90	--	3.03	2.74	3.03	2.94	2.81	3.55
22	1.61	4.84	2.93	5.54	2.73	--	6.44	2.47	3.13	3.38	2.51	2.86
23	1.60	4.34	2.78	4.39	2.74	--	4.98	2.30	3.31	7.80	2.36	2.59
24	1.60	3.67	2.82	5.10	2.97	--	4.18	2.19	3.25	13.12	2.26	2.42
25	1.60	3.26	5.04	8.84	2.66	--	3.63	2.12	3.40	10.78	2.29	2.29
26	1.59	3.02	9.89	6.34	2.55	--	3.17	2.05	6.39	12.58	2.29	2.20
27	1.58	2.87	13.81	4.87	2.47	--	2.78	2.53	7.43	11.90	2.81	2.14
28	1.57	3.09	15.10	4.20	--	--	2.50	4.14	5.84	8.78	3.64	2.09
29	1.71	2.81	14.51	3.74	------	--	2.33	6.91	4.35	5.34	4.67	2.05
30	1.76	2.51	14.77	3.46	------	--	9.55	12.07	6.11	5.11	4.80	2.02
31	1.75	------	14.03	3.26	------	--	------	11.77	------	6.03	4.26	------
MAX	1.86	5.49	15.10	17.84	9.71	--	12.20	13.79	12.28	13.12	17.75	17.42
MIN	1.57	1.94	2.14	3.26	--	--	2.11	2.05	2.57	2.55	2.26	2.02

08016800 Bear Head Creek near Starks, La.

LOCATION.--Lat 30°19'59", long 93°37'44", in sec.30, T.8 S., R.12 W., Calcasieu Parish, near right bank on downstream side of bridge on State Highway 12, 2.4 mi (3.9 km) northeast of Starks, and 3.5 mi (5.6 km) downstream from Green Island Marsh Creek.

DRAINAGE AREA.--177 mi^2 (458 km^2).

PERIOD OF RECORD.--Annual maximums, water years 1954-56. March 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 16.34 ft (4.980 m) above mean sea level (Louisiana Geodetic Survey bench mark). Oct. 13, 1953, to Mar. 8, 1956, nonrecording gage at site 100 ft (30 m) downstream at same datum.

AVERAGE DISCHARGE.--19 years, 236 ft^3/s (6.68 m^3/s), 18.11 in/yr (460 m/yr), 171,000 acre-ft/yr (211 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 2,500 ft^3/s (70.8 m^3/s) Jan. 9 (gage height, 14.33 ft or 4.368 m); minimum, 0.10 ft^3/s (0.003 m^3/s) Oct. 27, 28 (gage height, 7.10 ft or 2.164 m).
Period of record: Maximum discharge, 11,200 ft^3/s (317 m^3/s) Oct. 28, 1970 (gage height, 17.63 ft or 5.374 m); no flow at times most years.

REMARKS.--Records good. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS (WATER YEARS).--WSP 2122: 1958(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	51	38	1,550	64	28	14	835	1,020	174	180	57
2	2.1	48	30	1,230	54	23	16	1,320	1,310	471	383	74
3	1.8	35	23	932	51	20	17	1,310	1,510	419	824	42
4	1.5	72	18	591	106	34	15	1,260	1,250	190	919	25
5	1.4	206	14	371	486	218	12	1,120	821	82	1,000	106
6	1.4	380	21	319	703	316	10	872	306	45	1,260	344
7	1.3	255	70	466	639	208	9.2	485	75	28	1,380	330
8	1.2	166	146	1,710	531	160	54	272	30	19	1,440	154
9	1.1	201	240	2,380	425	101	295	420	239	13	1,370	80
10	.88	235	319	2,170	280	56	568	605	1,270	8.8	1,100	144
11	.70	228	402	1,940	126	41	489	623	1,750	7.3	746	173
12	.50	228	474	1,760	67	33	342	547	1,420	5.9	408	167
13	.45	218	457	1,540	52	49	239	446	1,040	18	161	159
14	.32	188	316	1,260	44	117	343	245	762	61	54	149
15	1.3	147	298	1,000	38	215	1,120	222	558	102	36	62
16	1.2	84	461	816	47	282	1,260	275	339	133	26	44
17	.82	57	589	614	138	288	969	236	108	115	19	116
18	.55	49	509	363	176	315	716	235	40	47	16	294
19	.36	69	421	229	148	298	469	117	33	24	14	353
20	.28	166	329	273	88	212	205	50	28	22	55	399
21	.22	322	194	331	56	202	69	34	20	19	55	445
22	.19	322	79	361	43	227	143	22	55	19	33	349
23	.18	255	51	382	37	209	355	14	121	22	20	119
24	.16	210	44	379	31	104	388	9.5	78	55	16	33
25	.14	159	65	335	29	45	263	7.4	87	127	20	19
26	.12	105	196	378	42	32	140	5.8	164	187	62	13
27	.11	72	803	399	46	30	60	5.9	139	287	75	9.4
28	.16	57	1,440	316	35	30	39	25	264	501	33	7.2
29	1.8	50	1,790	220	------	24	23	181	306	391	32	5.8
30	3.5	45	1,870	137	------	19	174	477	181	240	24	4.8
31	16	------	1,770	85	------	15	------	898	------	153	24	------
TOTAL	44.34	4,680	13,477	24,837	4,582	3,951	8,816.2	13,174.6	15,324	3,986.0	11,785	4,277.2
MEAN	1.43	156	435	801	164	127	294	425	511	129	380	143
MAX	16	380	1,870	2,380	703	316	1,260	1,320	1,750	501	1,440	445
MIN	.11	35	14	85	29	15	9.2	5.8	20	5.9	14	4.8
CFSM	.008	.88	2.46	4.53	.93	.72	1.66	2.40	2.89	.73	2.15	.81
IN.	.009	.98	2.83	5.22	.96	.83	1.85	2.77	3.22	.84	2.48	.90
AC-FT	88	9,280	26,730	49,260	9,090	7,840	17,490	26,130	30,400	7,910	23,380	8,480

CAL YR 1974 TOTAL 88,245.61 MEAN 242 MAX 3,850 MIN .09 CFSM 1.37 IN 18.54 AC-FT 175,000
WTR YR 1975 TOTAL 108,934.34 MEAN 298 MAX 2,380 MIN .11 CFSM 1.68 IN 22.89 AC-FT 216,100

08016800 Bear Head Creek near Starks, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.54	8.91	8.74	13.45	9.21	8.38	8.01	12.45	12.79	10.61	10.68	9.05
2	7.50	8.85	8.55	13.08	8.99	8.26	8.06	13.19	13.18	11.75	11.52	9.39
3	7.47	8.55	8.37	12.65	8.91	8.18	8.01	13.18	13.42	11.62	12.47	8.72
4	7.44	9.36	8.23	12.02	9.92	8.51	8.04	13.12	13.10	10.72	12.63	8.31
5	7.43	10.92	8.14	11.50	11.72	10.82	7.96	12.93	12.45	9.53	12.76	9.79
6	7.42	11.53	8.31	11.35	12.25	11.34	7.91	12.55	11.21	8.79	13.11	11.41
7	7.41	11.10	9.35	11.69	12.12	10.89	7.86	11.77	9.37	8.40	13.27	11.37
8	7.40	10.58	10.55	13.58	11.90	10.53	8.83	11.19	8.44	8.17	13.33	10.40
9	7.38	10.86	11.07	14.26	11.65	9.83	11.18	11.63	9.88	8.00	13.25	9.50
10	7.35	11.05	11.35	14.08	11.20	9.03	11.97	12.05	13.10	7.85	12.91	10.37
11	7.32	11.02	11.59	13.87	10.13	8.68	11.80	12.09	13.67	7.79	12.32	10.64
12	7.28	11.02	11.77	13.69	9.26	8.50	11.42	11.93	13.30	7.73	11.59	10.59
13	7.27	10.98	11.73	13.45	8.95	8.88	11.05	11.70	12.81	8.09	10.43	10.52
14	7.24	10.76	11.34	13.12	8.75	10.05	11.33	11.04	12.36	9.11	8.98	10.41
15	7.40	10.41	11.28	12.76	8.63	10.92	12.91	10.96	11.95	9.87	8.58	9.13
16	7.40	9.56	11.74	12.45	8.82	11.23	13.11	11.20	11.39	10.26	8.35	8.76
17	7.34	9.04	12.02	12.07	10.29	11.25	12.71	11.05	9.85	10.03	8.15	9.97
18	7.29	8.87	11.85	11.47	10.66	11.34	12.27	11.04	8.68	8.81	8.06	11.26
19	7.25	9.29	11.64	11.03	10.41	11.28	11.75	9.99	8.49	8.30	8.02	11.45
20	7.23	10.51	11.38	11.19	9.64	10.93	10.76	8.89	8.39	8.25	9.00	11.58
21	7.21	11.35	10.76	11.39	9.02	10.88	9.30	8.52	8.18	8.16	9.00	11.70
22	7.19	11.36	9.56	11.48	8.74	11.02	10.29	8.24	8.86	8.17	8.51	11.43
23	7.17	11.13	9.00	11.54	8.59	10.91	11.45	8.02	10.13	8.23	8.20	9.95
24	7.16	10.94	8.86	11.53	8.46	9.83	11.55	7.88	9.45	8.98	8.07	8.50
25	7.14	10.59	9.28	11.40	8.40	8.78	11.15	7.79	9.51	10.18	8.18	8.17
26	7.12	9.98	10.54	11.52	8.71	8.49	10.29	7.72	10.55	10.75	9.11	7.99
27	7.11	9.43	12.41	11.58	8.81	8.44	9.11	7.72	10.32	11.22	9.38	7.87
28	7.15	9.13	13.33	11.34	8.56	8.43	8.66	8.21	11.16	11.83	8.50	7.78
29	7.47	9.00	13.71	10.96	------	8.30	8.27	10.64	11.31	11.55	8.47	7.72
30	7.57	8.88	13.79	10.29	------	8.16	10.35	11.75	10.67	11.05	8.29	7.67
31	8.06	------	13.69	9.59	------	8.06	------	12.59	------	10.46	8.28	------
MAX	8.06	11.53	13.79	14.26	12.25	11.34	13.11	13.19	13.67	11.83	13.33	11.70
MIN	7.11	8.55	8.14	9.59	8.40	8.06	7.86	7.72	8.18	7.73	8.02	7.67

08022500 Sabine River at Logansport, La.

LOCATION.--Lat 31°58'20", long 94°00'22", De Soto Parish, La.-Shelby County, Tex. State line at Logansport, just upstream from bridge on U.S. Highway 84, 3 mi (5 km) upstream from Bayou Castor, 111 mi (179 km) upstream from Toledo Bend Dam, and at mile 267.1 (429.8 km).

DRAINAGE AREA.--7,178 mi^2 (18,591 km^2).

PERIOD OF RECORD.--Gage-height record March 1968 to current year. Discharge record July 1903 to February 1968.

GAGE.--Water-stage recorder. Datum of gage is 147.72 ft (45.025 m) above mean sea level. July 1, 1903, to Sept. 30, 1956, nonrecording gage. Oct. 1, 1956, to Jan. 16, 1964, water-stage recorder 4,600 ft (1,402 m) upstream. Jan. 16, 1964, to Dec. 10, 1968, water-stage recorder 4,700 ft (1,433 m) upstream. All gages to present datum except prior to Dec. 31, 1906, when datum was 2.00 ft (0.610 m) lower.

AVERAGE DISCHARGE.--64 years (1903-67), 3,208 ft^3/s (90.85 m^3/s), 2,324,000 acre-ft/yr (2.87 km^3/yr).

EXTREMES.--Current year: Maximum gage height, 28.83 (8.787 m) Feb. 8; minimum, 19.98 ft (6.090 m) Sept. 30.
Period of gage-height record 1968-75: Maximum gage height, 32.50 ft (9.906 m) Apr. 20, 1969; minimum since initial filling of Toledo Bend Reservoir in June 1968, 18.40 ft (5.608 m) Oct. 19, 1972.
Period of discharge record 1903-67: Maximum discharge, 92,000 ft^3/s (2,610 m^3/s) Apr. 8, 1945, gage height, 44.07 ft (13.433 m) from floodmark; minimum, 16 ft^3/s (0.45 m^3/s) Sept. 26-28, Oct. 3, 4, 1939.
Maximum stage since at least 1884, that of Apr. 8, 1945. Flood in May 1884 reached a stage of 39.4 ft (12.0 m) present site and datum.

REMARKS.--Records good. Station discontinued as daily streamflow station on Mar. 1, 1968, due to backwater from storage in Toledo Bend Reservoir (sta 08025350). Eight major reservoirs, with a combined capacity of 1,068,000 acre-ft (1.32 km^3), largely regulate the flow. For statement regarding regulation by Soil Conservation Service floodwater-retarding structures, see Lake Fork Creek near Quitman (sta 08019000). Numerous diversions above station for oilfield operations, municipal, and industrial use.

REVISIONS (WATER YEARS).--WSP 1312: 1903-6 (monthly and annual means). WSP 1732: 1929(M), 1933(M).

GAGE HEIGHT, IN FEET, AT 2400, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.14	22.96	26.20	25.08	23.50	25.73	24.55	24.32	25.55	25.28	23.71	21.75
2	21.12	23.31	26.15	25.04	24.35	25.32	24.02	24.50	25.45	25.20	23.57	21.57
3	21.20	23.52	26.05	25.06	25.27	25.00	23.63	24.95	25.38	24.98	23.56	21.57
4	21.19	23.54	25.96	25.25	26.20	24.80	23.34	25.56	25.26	24.68	23.62	21.41
5	21.15	23.68	26.04	25.37	27.12	24.81	23.07	26.02	25.14	24.50	23.52	21.36
6	21.10	23.71	26.34	25.39	28.00	24.74	22.88	26.31	24.88	24.38	23.48	21.24
7	21.03	23.71	26.47	25.46	28.64	24.35	22.85	26.49	24.79	24.23	23.52	21.28
8	21.00	23.74	26.61	25.50	28.80	24.29	22.72	26.57	24.88	24.24	23.42	21.23
9	20.96	23.77	26.67	25.70	28.47	24.37	22.62	26.30	24.97	24.27	23.38	21.19
10	20.93	24.07	26.87	25.95	28.07	23.83	22.63	25.87	25.08	24.31	23.31	21.20
11	20.92	24.30	27.13	26.04	27.57	23.82	22.57	25.48	25.15	24.20	23.26	21.10
12	20.90	24.60	27.32	26.17	27.10	23.59	22.62	25.21	25.21	24.26	23.14	20.84
13	20.89	24.75	27.37	26.30	26.85	23.66	22.73	25.11	25.27	24.26	23.08	20.92
14	20.83	24.70	27.53	26.23	26.75	24.08	23.13	25.15	25.38	24.29	22.99	20.98
15	20.87	24.88	27.53	25.93	27.00	24.20	23.46	25.18	25.19	24.19	22.88	20.93
16	20.97	24.92	27.39	25.59	27.57	24.15	23.65	25.32	25.26	24.08	22.97	20.99
17	20.98	25.12	27.25	25.30	28.02	24.28	23.75	25.42	25.13	24.12	22.87	20.93
18	20.97	25.24	27.02	25.08	28.15	24.39	23.81	25.48	25.03	24.13	22.79	20.92
19	20.93	25.30	26.75	24.88	28.30	24.58	23.50	25.58	25.02	24.17	22.65	20.70
20	20.96	25.32	26.55	24.90	28.36	24.69	23.50	25.75	25.19	24.03	22.54	20.64
21	20.96	25.38	26.33	24.87	28.20	24.61	23.52	25.60	25.30	23.99	22.38	20.49
22	21.00	25.49	26.14	24.57	27.95	24.54	23.55	25.56	25.29	23.97	22.56	20.56
23	21.01	25.51	25.93	24.40	27.62	24.49	23.68	25.54	25.31	24.03	22.43	20.45
24	21.01	25.73	25.80	24.22	27.35	24.31	23.70	25.83	25.23	23.95	22.44	20.40
25	21.00	25.92	25.67	24.10	27.10	24.32	23.67	26.16	25.25	23.96	22.33	20.31
26	20.98	26.05	23.58	24.05	26.79	24.61	23.76	26.25	25.22	23.92	22.18	20.24
27	21.03	26.02	25.53	23.94	26.45	24.79	23.88	26.28	25.16	23.81	22.15	20.22
28	21.60	26.20	25.48	23.80	26.13	24.69	23.89	26.14	25.01	23.81	22.01	20.18
29	21.87	26.17	25.42	23.63	------	24.51	24.07	26.05	25.14	23.70	21.91	20.09
30	22.26	26.17	25.40	23.50	------	24.61	24.23	25.90	25.24	23.63	22.03	19.98
31	22.65	------	25.30	23.46	------	24.68	------	25.70	------	23.55	21.85	------
MEAN	21.14	24.79	26.32	24.99	27.20	24.48	23.43	25.66	25.18	24.20	22.86	20.86
MAX	22.65	26.20	27.53	26.30	28.80	25.73	24.55	26.57	25.55	25.28	23.71	21.75
MIN	20.83	22.96	23.58	23.46	23.50	23.59	22.57	24.32	24.79	23.55	21.85	19.98

CAL YR 1974 MEAN 6.07 MAX 31.30 MIN 20.04
WTR YR 1975 MEAN 24.24 MAX 28.80 MIN 19.98

08022765 Bayou Castor near Funston, La.

LOCATION.--Lat 32°00'57", long 93°57'35", SW¼NE¼ sec.24, T.12 N., R.6 W., De Soto Parish, near center of span on downstream side of bridge on unnumbered parish road, 0.3 mi (0.48 km) downstream from Bushneck Bayou and 2.4 mi (3.86 km) south of Funston.

DRAINAGE AREA.--91.5 mi^2 (237.0 km^2).

PERIOD OF RECORD.--October 1971 to current year.

GAGE.--Water-stage recorder. Datum of gage is 188.50 ft (57.455 m), unadjusted above mean sea level (Louisiana Geodetic Survey bench mark).

EXTREMES.--Current year: Maximum discharge, 1,470 ft^3/s (41.6 m^3/s) Feb. 4, gage height, 13.88 ft (4.230 m). Minimum discharge, 0.14 ft^3/s (0.004 m^3/s) Sept. 5, 16. Minimum gage height, 1.70 ft (0.518 m) Sept. 5, 16, 29, 30.
Period of record: Maximum discharge, 4,690 ft^3/s (133 m^3/s) Jan. 24, 25, 1973 (gage height, 15.23 ft (4.642 m). No flow at times most years.

REMARKS.--Records good. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.5	323	134	145	312	41	73	436	41	74	7.3	.52
2	3.9	346	68	230	698	38	51	215	23	98	5.9	.72
3	2.9	149	41	403	960	34	39	260	16	70	5.0	.36
4	2.4	47	30	476	1,340	164	32	411	13	24	4.6	.24
5	2.0	39	25	209	915	322	27	349	11	17	3.9	.16
6	1.6	35	316	85	387	124	24	140	10	12	3.4	1.5
7	1.5	29	698	72	120	66	22	108	9.0	9.4	3.0	2.2
8	1.5	32	575	344	78	48	22	161	8.4	94	2.7	2.1
9	1.2	45	106	363	65	36	25	105	47	70	2.5	1.4
10	1.1	109	56	483	56	31	27	48	181	49	2.2	.78
11	.59	494	127	900	51	29	35	32	71	60	1.9	.62
12	.26	626	259	632	47	30	26	26	32	70	1.6	.67
13	1.9	143	122	300	43	167	35	21	18	26	1.4	.44
14	.65	46	90	212	38	440	373	20	13	14	1.2	.30
15	1.0	31	247	120	65	281	594	56	25	9.8	1.0	.22
16	2.0	25	114	85	558	83	201	235	72	7.9	.90	3.1
17	1.7	31	62	65	724	57	58	193	37	6.6	.72	24
18	1.1	42	44	72	262	323	41	53	18	6.0	.57	15
19	.80	47	37	117	97	664	33	30	12	5.7	.48	5.6
20	.72	35	33	96	65	297	28	21	9.0	5.6	.44	2.8
21	.65	27	29	62	52	80	23	17	11	5.5	.36	2.0
22	.54	22	25	46	47	55	20	24	8.7	5.4	.27	1.4
23	.49	18	23	40	52	45	18	21	8.4	5.1	.22	1.2
24	.40	170	23	37	76	38	17	14	6.6	4.9	.27	.84
25	.44	436	37	41	58	32	16	48	9.9	6.1	.40	.67
26	.54	341	42	44	44	27	15	116	86	7.9	.52	.62
27	.54	82	14	39	39	287	14	38	210	6.6	3.7	.44
28	2.2	46	45	33	37	399	15	68	181	5.6	3.6	.30
29	216	34	58	30	------	344	74	51	104	15	1.6	.24
30	375	73	167	29	------	352	344	88	123	10	.84	.22
31	109	------	256	27	------	183	------	114	------	8.9	.48	------
TOTAL	740.12	3,923	3,933	5,837	7,286	5,117	2,322	3,519	1,415.0	810.0	62.97	70.66
MEAN	23.9	131	127	188	260	165	77.4	114	47.2	26.1	2.03	2.36
MAX	375	626	698	900	1,340	664	594	436	210	98	7.3	24
MIN	.26	18	23	27	37	27	14	14	6.6	4.9	.22	.16
AC-FT	1,470	7,780	7,800	11,580	14,450	10,150	4,610	6,980	2,810	1,610	125	140

CAL YR 1974 TOTAL 9,722.47 MEAN 26.6 MAX 698 MIN .26 AC-FT 19,280
WTR YR 1975 TOTAL 35,035.75 MEAN 96.0 MAX 1,340 MIN .16 AC-FT 69,490

08022765 Bayou Castor near Funston, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.41	9.30	6.31	6.50	8.73	3.83	5.02	10.83	4.07	5.02	2.53	1.82
2	2.29	9.62	4.91	7.89	12.61	3.70	4.38	7.50	3.37	5.53	2.42	1.87
3	2.20	6.53	4.07	10.42	13.38	3.57	4.01	8.23	3.06	4.82	--	1.79
4	2.16	4.28	3.65	11.28	13.79	6.52	3.72	10.51	2.88	3.41	--	1.74
5	2.13	4.01	3.44	7.49	13.27	9.26	3.52	9.59	2.78	3.11	--	1.71
6	2.08	3.84	8.73	5.34	9.65	6.05	3.40	6.38	2.72	2.85	--	1.97
7	2.08	3.62	12.65	4.99	5.96	4.85	3.32	5.78	2.65	2.68	--	2.08
8	2.08	3.75	11.14	9.46	5.03	4.31	3.31	6.72	2.61	5.02	--	2.08
9	2.05	4.22	5.73	9.74	4.65	3.89	3.43	5.71	4.04	4.90	--	1.96
10	2.04	5.60	4.59	10.21	4.37	3.68	3.52	4.31	7.03	4.31	--	1.88
11	1.96	11.10	6.14	13.28	4.19	3.62	3.82	3.73	4.94	4.67	--	1.85
12	1.90	12.17	8.38	11.81	4.06	3.62	3.48	3.47	3.74	4.90	--	1.86
13	2.11	6.36	6.08	8.98	3.89	6.45	3.73	3.29	3.16	3.48	--	1.81
14	1.99	4.24	5.37	7.59	3.72	10.88	9.89	3.26	2.88	2.94	1.95	1.77
15	2.03	3.70	8.18	6.04	4.36	8.52	12.08	4.37	3.41	2.70	1.92	1.74
16	2.13	3.45	5.90	5.34	11.47	5.24	7.20	7.97	4.98	2.57	1.90	2.10
17	2.10	3.69	4.76	4.86	12.74	4.61	4.60	7.18	3.89	2.48	1.87	3.37
18	2.04	4.12	4.20	5.01	8.18	9.04	4.05	4.44	3.12	2.43	1.84	2.97
19	2.01	4.29	3.94	5.98	5.45	12.49	3.75	3.63	2.82	2.41	1.82	2.37
20	2.00	3.85	3.78	5.56	4.65	8.64	3.57	3.29	2.65	2.40	1.81	2.12
21	1.99	3.55	3.61	4.78	4.23	5.19	3.36	3.11	2.80	2.39	1.79	2.01
22	1.97	3.33	3.46	4.27	4.06	4.53	3.23	3.38	2.63	2.38	1.76	1.94
23	1.95	3.15	3.36	4.06	4.22	4.21	3.16	3.25	2.61	2.36	1.74	1.88
24	1.94	6.42	3.37	3.93	4.96	3.97	3.11	2.97	2.49	2.34	1.75	1.85
25	1.95	10.84	3.93	4.08	4.42	3.71	3.05	4.20	2.66	2.44	1.80	1.82
26	1.97	9.30	4.11	4.18	3.92	3.52	2.99	5.90	4.91	2.56	1.83	1.81
27	1.97	5.23	4.17	4.01	3.76	8.63	2.93	3.95	7.35	2.48	2.20	1.76
28	2.12	4.24	4.22	3.79	3.66	10.36	3.00	4.83	6.94	2.40	2.22	1.73
29	7.42	3.80	4.64	3.65	------	9.57	5.03	4.36	5.60	2.94	1.99	1.71
30	9.94	5.00	6.83	3.59	------	9.69	9.53	5.37	5.97	2.71	1.89	1.70
31	5.73	------	8.35	3.53	------	7.03	------	5.86	------	2.63	1.82	------
MAX	9.94	12.17	12.65	13.28	13.79	12.49	12.08	10.83	7.35	5.53	2.53	3.37
MIN	1.90	3.15	3.36	3.53	3.66	3.52	2.93	2.97	2.49	2.34	1.74	1.70

08023000 Bayou Castor near Logansport, La.

LOCATION.--Lat 31°58'25", long 93°58'10", in NE¼ sec.1, T.11 N., R.16 W., De Soto Parish, near center of span on downstream side of bridge on U. S. Highway 84, 1.7 mi (2.7 km) east of Logansport, and 2.5 mi (4.0 km) upstream from Bayou Grand Cane.

DRAINAGE AREA.--96.5 mi^2 (249.9 km^2).

PERIOD OF RECORD.--October 1955 to September 1971. October 1971 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 171.20 ft (52.182 m) above mean sea level. Prior to Nov. 4, 1955, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--16 years (1956-71), 69.3 ft^3/s (1.962 m^3/s), 9.75 in/yr (248 mm/yr), 50,210 acre-ft/yr (61.91 hm^3/yr).

EXTREMES.--Current year: Maximum gage height, 12.52 ft (3.816 m) Feb. 4; minimum, 1.52 ft (0.463 m) Oct. 13.
Period of record: Maximum discharge, 8,030 ft^3/s (277 m^3/s) Apr. 6, 1956 (gage height, 23.33 ft or 7.111 m); no flow at times most years.

GAGE HEIGHT, IN FEET, AT 0800, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.94	5.84	4.37	5.02	4.87	2.93	3.49	6.88	3.43	3.78	2.43	2.10
2	1.86	6.32	4.08	4.84	7.52	2.90	3.48	6.66	2.89	3.67	2.24	2.07
3	1.78	5.71	3.38	6.42	9.97	2.80	3.27	4.30	2.67	4.19	2.23	2.12
4	1.71	3.62	3.07	7.33	11.38	3.54	3.12	6.91	2.54	2.97	2.09	2.12
5	1.70	3.18	2.87	6.67	11.63	6.03	2.99	7.00	2.45	2.68	2.04	2.12
6	1.68	3.10	4.97	4.15	9.04	4.91	2.92	5.07	2.42	2.54	2.01	2.15
7	1.66	3.07	7.57	3.64	5.09	3.73	2.87	4.32	2.37	2.41	1.98	2.33
8	1.67	2.92	9.17	5.10	4.72	3.36	2.83	4.80	2.33	2.43	1.97	2.46
9	1.72	3.18	5.41	7.07	4.52	3.09	2.97	4.45	2.35	4.08	2.02	2.59
10	1.72	3.36	3.80	6.56	4.22	2.92	2.93	3.57	4.79	3.22	2.04	2.56
11	1.72	6.26	4.01	8.40	3.88	2.84	3.06	3.07	3.85	3.16	1.98	2.53
12	1.70	7.82	5.56	10.35	3.54	2.84	2.87	2.88	3.15	3.68	1.96	2.55
13	1.57	6.85	5.17	6.67	3.32	3.61	2.74	2.78	2.74	3.03	1 92	2.58
14	1.85	3.53	4.09	5.93	3.17	6.34	5.18	2.78	2.54	2.64	1.88	2.28
15	1.82	3.12	6.00	4.57	3.07	7.20	7.50	3.26	2.53	2.46	1.86	2.10
16	1.85	2.88	5.03	4.04	7.17	4.07	7.17	5.42	3.34	2.35	1.82	2.27
17	2.00	3.01	4.12	3.68	8.99	3.57	3.65	5.69	3.34	2.28	1.79	2.56
18	1.84	3.18	3.67	3.56	8.20	4.80	3.27	3.68	2.73	2.23	1.77	2.79
19	1.78	3.36	3.38	4.06	4.75	7.56	3.07	3.08	2.50	2.19	1.75	2.46
20	1.82	3.15	3.21	4.18	4.39	8.32	2.96	2.84	2.36	2.16	1.72	2.27
21	1.82	2.93	3.05	3.68	4.22	4.04	2.85	2.71	2.34	2.13	1.68	2.12
22	1.83	2.79	2.91	3.32	4.00	3.57	2.77	2.64	2.44	2.10	1.81	2.07
23	1.85	2.65	2.81	3.14	3.78	3.35	2.70	2.87	2.26	2.09	1.69	2.01
24	1.83	3.44	2.75	3.04	3.82	3.24	2.67	2.63	2.25	2.07	1.63	1.93
25	1.92	6.70	2.97	3.05	3.78	3.13	2.63	2.57	2.25	2.07	1.69	1.90
26	2.02	7.35	3.16	3.13	3.37	3.01	2.60	4.11	2.87	2.17	1.72	1.88
27	1.98	4.50	3.22	3.12	3.09	5.24	2.56	3.37	6.06	2.40	1.73	1.88
28	1.96	3.53	3.19	2.96	2.95	6.73	2.52	3.36	3.43	2.19	2.27	1.89
29	3.45	3.22	3.32	2.87	------	6.73	3.49	3.37	4.85	2.10	2.16	1.90
30	6.36	3.38	3.97	2.81	------	6.48	6.10	3.86	5.50	2.58	2.12	1.99
31	4.69	------	5.58	2.76	------	5.63	------	4.49	------	2.33	2.09	------
MAX	6.36	7.82	9.17	10.35	11.63	8.32	7.50	7.00	6.06	4.19	2.43	2.79
MIN	1.57	2.65	2.75	2.76	2.95	2.80	2.52	2.57	2.25	2.07	1.63	1.88

08025350 Toledo Bend Reservoir near Burkeville, Tex.

LOCATION.--Lat 31°10'25", long 93°33'57", Newton County, in power house at right end of Toledo Bend Dam, 15 mi (24 km) northeast of Burkeville, and at mile 156.5 (251.8 km).
DRAINAGE AREA.--7,178 mi^2 (18,591 km^2).
PERIOD OF RECORD.--October 1966 to current year.
GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Sabine River Authority). Prior to July 20, 1967, nonrecording gage read once daily at same site and datum. July 20, 1967, to June 30, 1973, recording gage at south end of spillway, 1.6 mi (2.6 km) north of present site at same datum.
EXTREMES.--Current year: Maximum contents, 4,660,000 acre-ft (5.75 km^3) Feb. 18, elevation, 173.00 ft (52.730 m); minimum, 3,753,000 acre-ft (4.63 km^3) Sept. 30, elevation, 167.78 ft or 51.139 m.
Period of record: Maximum contents, 4,739,000 acre-ft (5.84 km^3) Mar. 21, 1969 (elevation, 173.42 ft or 52.858 m); minimum since initial filling of reservoir in June 1968, 3,517,000 acre-ft (4.34 km^3) Oct. 22, 1972, elevation, 166.29 ft (50.685 m).
REMARKS.--Reservoir is formed by a rolled earthfill dam, 11,243 ft (3,430 m) long, including dikes. Closure at embankment completed and deliberate impoundment was begun Oct. 3, 1966. Reservoir is operated for hydro-electric power generation and water conservation. A gate-controlled, gravity-concrete, ogee weir is located near the left abutment of the dam. Net opening of 440 ft (134 m) is controlled by eleven 40- by 28-ft (12.2- by 8.5 m) tainter gates. A low-flow release sluiceway is located in an enlarged gate pier near the center of the spillway structure. This sluiceway is a single 8.33- by 12-ft (2.5- by 3.7 m) concrete conduit controlled by a single gate. Two 20-inch- (508-m) diameter conduits are provided which bypass the sluice gate. Water for turbines is admitted through four 16.75- by 29-ft (5.1- by 8.8 m) penstocks and controlled by vertically operated caterpillar-type gates. For statement regarding regulation by Soil Conservation Service floodwater-retarding structures, see Lake Fork Creek near Quitman (sta 08019000, WRD TEXAS). For statement regarding regulation by upstream reservoirs, see Sabine River near Logansport (sta 08022500). Data regarding dam and reservoir are given in the following table:

	Elevation (feet)	Capacity (acre-feet)
Top of dam	185.0	--
Maximum design water surface	175.3	5,102,000
Top of gates	173.0	4,660,000
Top of power drawdown storage	172.0	4,476,000
Top of power head storage	162.2	2,922,000
Spillway crest (controlled)	145.0	1,162,000
Invert of low-flow release sluiceway	100.0	4,090

COOPERATION.--Capacity table furnished by Sabine River Authority, based on Geological Survey 15-minute quandrangle sheets, scale 1:62,500 with 20-ft (6.1 m) contour intervals.

Capacity table (elevation, in feet, and total contents, in acre-feet)

167.7	3,740,000	172.0	4,476,000
169.0	3,953,000	173.0	4,660,000
170.0	4,123,000		

CONTENTS, IN THOUSANDS OF ACRE-FEET, AT 2400, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,824	4,058	4,522	4,513	4,351	4,476	4,236	4,271	4,550	4,531	4,361	4,041
2	3,828	4,079	4,513	4,522	4,369	4,467	4,280	4,306	4,540	4,513	4,354	4,028
3	3,828	4,089	4,504	4,522	4,395	4,458	4,236	4,412	4,504	4,513	4,358	4,009
4	3,828	4,161	4,494	4,504	4,422	4,467	4,201	4,494	4,504	4,505	4,369	3,987
5	3,838	4,151	4,485	4,485	4,485	4,440	4,184	4,559	4,513	4,491	4,369	3,982
6	3,851	4,172	4,531	4,467	4,513	4,431	4,158	4,596	4,522	4,476	4,351	3,984
7	3,862	4,193	4,550	4,467	4,494	4,440	4,132	4,642	4,531	4,458	4,342	3,977
8	3,861	4,203	4,550	4,467	4,504	4,404	4,115	4,656	4,531	4,458	4,333	3,962
9	3,867	4,207	4,540	4,431	4,531	4,378	4,123	4,623	4,559	4,458	4,315	3,945
10	3,871	4,262	4,550	4,494	4,522	4,378	4,132	4,586	4,577	4,476	4,315	3,930
11	3,874	4,283	4,568	4,531	4,559	4,333	4,123	4,559	4,577	4,476	4,304	3,917
12	3,880	4,301	4,568	4,559	4,550	4,369	4,115	4,539	4,568	4,485	4,288	3,912
13	3,877	4,315	4,568	4,522	4,531	4,404	4,123	4,522	4,550	4,485	4,271	3,912
14	3,899	4,351	4,623	4,531	4,522	4,369	4,140	4,528	4,540	4,480	4,254	3,904
15	3,913	4,351	4,623	4,522	4,614	4,360	4,140	4,535	4,522	4,472	4,241	3,887
16	3,900	4,394	4,614	4,531	4,651	4,360	4,123	4,522	4,504	4,462	4,224	3,884
17	3,900	4,440	4,586	4,513	4,632	4,342	4,115	4,513	4,504	4,449	4,210	3,887
18	3,904	4,458	4,623	4,522	4,660	4,387	4,149	4,494	4,494	4,440	4,201	3,864
19	3,907	4,467	4,586	4,577	4,605	4,369	4,158	4,476	4,504	4,440	4,189	3,859
20	3,913	4,485	4,568	4,504	4,540	4,351	4,149	4,485	4,504	4,440	4,175	3,866
21	3,907	4,465	4,550	4,494	4,531	4,342	4,167	4,504	4,504	4,431	4,154	3,871
22	3,904	4,440	4,531	4,485	4,586	4,333	4,158	4,504	4,494	4,422	4,140	3,867
23	3,907	4,467	4,522	4,467	4,559	4,342	4,158	4,516	4,494	4,422	4,123	3,838
24	3,910	4,513	4,586	4,440	4,540	4,333	4,158	4,522	4,487	4,413	4,106	3,814
25	3,917	4,494	4,568	4,422	4,522	4,297	4,158	4,531	4,487	4,404	4,113	3,801
26	3,917	4,485	4,568	4,387	4,513	4,262	4,167	4,535	4,504	4,404	4,106	3,783
27	3,913	4,504	4,559	4,369	4,504	4,262	4,175	4,540	4,504	4,404	4,092	3,772
28	3,953	4,485	4,550	4,351	4,485	4,297	4,201	4,550	4,513	4,397	4,081	3,775
29	3,980	4,550	4,550	4,342	------	4,297	4,210	4,550	4,522	4,395	4,064	3,769
30	3,984	4,540	4,550	4,324	------	4,271	4,262	4,581	4,531	4,390	4,055	3,753
31	4,021	------	4,577	4,306	------	4,245	------	4,572	------	4,378	4,055	------
MAX	4,021	4,550	4,623	4,577	4,660	4,476	4,280	4,656	4,577	4,531	4,369	4,041
MIN	3,824	4,058	4,485	4,306	4,351	4,245	4,115	4,271	4,487	4,378	4,055	3,753

CAL YR 1974 MAX 4,688 MIN 3,766
WTR YR 1975 MAX 4,660 MIN 3,753

08025360 Sabine River at Toledo Bend Reservoir near Burkeville, Tex.

LOCATION.--Lat 31°10'25", long 93°33'57", Newton County, in powerhouse at right end of Toledo Bend Dam, 1.6 miles (2.6 km) south of Toledo Bend Reservoir gage, 10 miles (16 km) upstream from Sabine River near Burkeville gage, and at mile 156.5 (251.8 km).

DRAINAGE AREA.--7,178 mi^2 (18,591 km^2).

PERIOD OF RECORD.--October 1971 to current year.

GAGE.--Water-stage recorders. Datum of gages is at mean sea level (levels by Sabine River Authority).

EXTREMES.--Current year: Maximum daily discharge, 39,300 ft^3/s (1,110 m^3/s) May 9; minimum daily discharge, 70 ft^3/s (1.98 m^3/s) estimated on many days.
Period of record: Maximum daily discharge, 67,000 ft^3/s (1,900 m^3/s) Jan. 28, 1974; minimum daily discharge, 30 ft^3/s (0.85 m^3/s) estimated Oct. 1-4, 1972.

REMARKS.--Discharges below 16,000 ft^3/s (450 m^3/s) are based upon scroll case differential pressure-discharge relationships during turbine release periods; estimates of turbine leakage during non-turbine release periods, and low-flow sluiceway discharge based on discharge measurements. Discharges above 16,000 ft^3/s (450 m^3/s) are result of tainter gate operations and are based on tainter gate rating.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	420	100	14,500	20,400	11,100	17,400	14,900	7,320	14,400	8,620	6,930	6,690
2	120	100	14,200	21,300	10,900	15,600	14,800	7,040	14,400	13,600	70	6,910
3	100	100	14,200	21,400	12,300	15,700	12,400	2,190	14,700	13,100	70	6,980
4	100	100	13,800	20,900	15,200	9,210	14,600	15,400	13,300	10,500	70	6,960
5	100	100	14,100	20,800	15,600	15,000	14,700	16,500	3,570	10,200	4,760	7,200
6	100	300	13,800	21,500	15,600	13,400	14,400	16,300	2,900	10,400	4,810	70
7	100	680	14,000	17,200	15,400	14,600	14,200	22,500	70	9,770	4,890	70
8	100	130	14,000	15,400	15,200	14,300	14,500	37,400	70	4,730	4,750	6,460
9	100	130	14,000	15,400	15,200	14,800	14,600	39,300	2,880	4,830	4,890	6,260
10	100	130	14,000	14,800	15,300	14,800	11,900	38,800	9,200	4,650	70	6,270
11	100	390	14,000	14,500	15,300	14,200	7,010	28,000	14,800	4,720	7,120	6,190
12	100	130	14,000	14,600	15,200	15,000	7,410	20,400	15,100	70	7,160	6,310
13	100	130	14,600	15,200	15,000	14,600	6,930	15,300	14,700	70	4,910	70
14	100	270	14,300	15,600	15,100	14,800	7,280	15,300	14,400	4,870	7,140	70
15	100	410	20,000	15,500	16,000	14,200	7,210	14,800	14,200	4,820	6,800	6,210
16	100	130	27,500	15,600	30,200	14,300	6,950	14,900	12,100	4,670	7,540	6,270
17	100	130	27,800	15,600	38,000	14,000	7,630	15,000	5,790	4,750	70	6,350
18	100	7,460	20,900	15,200	37,100	14,200	8,300	15,000	6,550	4,730	7,300	6,450
19	100	8,370	21,800	15,100	32,700	14,100	7,340	13,200	6,850	70	7,170	6,330
20	100	8,860	24,200	15,800	36,200	14,400	6,820	4,660	6,670	70	6,980	70
21	100	13,800	20,000	15,700	29,200	14,200	7,690	5,000	7,050	4,730	7,100	70
22	100	11,400	16,900	15,500	24,400	14,600	7,670	5,870	6,730	4,860	2,530	70
23	320	7,250	14,400	15,600	21,800	14,200	7,440	7,980	7,040	4,820	6,930	6,380
24	370	9,580	14,600	15,600	21,500	14,500	7,640	10,600	6,930	4,860	70	6,250
25	100	14,000	17,300	14,800	21,200	14,800	7,460	10,600	6,390	4,530	4,270	5,940
26	100	12,300	21,000	14,700	21,200	14,800	70	11,700	6,260	70	7,120	6,200
27	100	10,700	21,300	14,700	21,000	14,600	70	14,800	7,130	70	7,150	70
28	1,290	10,400	20,500	14,700	21,300	14,500	7,390	15,300	6,810	4,570	5,680	70
29	100	10,200	20,700	13,600	------	14,700	7,220	15,300	7,100	4,680	7,170	6,230
30	100	11,300	21,400	12,100	------	14,800	7,020	15,500	7,060	4,170	1,140	5,970
31	100	------	21,400	12,200	------	14,800	------	15,000	------	4,490	300	------
TOTAL	5,120	139,080	549,200	501,000	574,200	449,110	273,550	486,960	256,150	161,090	142,960	135,440
MEAN	165	4,636	17,720	16,160	20,510	14,490	9,118	15,710	8,538	5,196	4,612	4,515
MAX	1,290	14,000	27,800	21,500	38,000	17,400	14,900	39,300	15,100	13,600	7,540	7,200
MIN	100	100	13,800	12,100	10,900	9,210	70	2,190	70	70	70	70
AC-FT	10,160	275,900	1,089M	993,700	1,139M	890,800	542,600	965,900	508,100	319,500	283,600	268,600

CAL YR 1974 TOTAL 3,104,380 MEAN 8,505 MAX 67,000 MIN 100 AC-FT 6,158,000
WTR YR 1975 TOTAL 3,673,860 MEAN 10,070 MAX 39,300 MIN 70 AC-FT 7,287,000

08025500 Bayou Toro near Toro, La.

LOCATION.--Lat 31°18'25", long 93°30'56", in SW¼ sec.20, T.4 N., R.11 W., Sabine Parish, near right bank on downstream side of bridge on State Highway 473, 0.2 mi (0.3 km) upstream from Hamby Creek, 2.5 mi (0.8 km) northeast of Toro, and 7.8 mi (12.5 km) west of Hornbeck.

DRAINAGE AREA.--148 mi^2 (383 km^2).

PERIOD OF RECORD.--October 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 138.00 ft (42.062 m) above mean sea level (Louisiana Geodetic Survey bench mark; levels by Louisiana Department of Public Works).

AVERAGE DISCHARGE.--20 years, 138 ft^3/s (3.908 m^3/s), 12.66 in/yr (322 mm/yr), 99,980 acre-ft/yr (123 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 13,700 ft^3/s (388 m^3/s) Feb. 16 (gage height, 22.71 ft or 6.922 m); minimum, 9.5 ft^3/s (0.27 m^3/s) Oct. 7, 8, 9, 10, 11, 13, 14 (gage height, 2.94 ft or 0.896 m).
Period of record: Maximum discharge, 31,200 ft^3/s (883 m^3/s) Apr. 9, 1968 (gage height, 25.73 ft or 7.842 m) from rating curve extended above 13,000 ft^3/s (510 m^3/s); minimum, 0.1 ft^3/s (0.003 m^3/s) Sept. 29, 30, Oct. 1-3, 1956; minimum gage height, 2.40 ft (0.732 m) Sept. 30, Oct. 1, 1956.

REMARKS.--Records good. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	330	91	354	123	125	91	255	554	268	79	53
2	13	198	84	230	2,010	116	85	408	183	289	85	31
3	11	94	68	755	2,540	106	79	1,950	125	479	62	24
4	11	163	59	897	2,680	427	71	6,750	102	372	128	20
5	10	140	55	442	1,810	870	66	4,750	96	259	12	22
6	10	85	977	241	1,040	451	62	2,870	94	128	76	20
7	9.5	59	1,010	302	342	220	60	2,160	85	97	58	21
8	9.5	57	433	683	228	163	85	4,200	78	122	56	22
9	9.5	84	174	431	188	125	271	3,700	76	897	45	21
10	9.8	134	119	1,310	160	124	863	1,930	1,100	1,290	43	24
11	9.8	561	251	1,520	146	127	611	990	2,190	1,230	40	24
12	10	344	400	1,180	302	116	174	368	2,340	777	38	23
13	9.8	117	206	552	277	1,620	110	241	957	235	35	34
14	9.8	76	132	350	160	2,490	146	262	200	138	32	21
15	40	59	475	238	676	2,060	364	268	154	107	30	15
16	52	74	539	191	7,620	611	200	532	217	94	28	70
17	34	257	212	162	5,900	324	112	310	150	83	25	82
18	23	565	131	170	2,030	1,680	91	178	100	77	25	55
19	17	541	208	264	528	1,500	81	132	81	72	23	38
20	14	380	286	240	298	659	70	111	74	79	22	29
21	12	296	157	177	232	257	130	100	100	74	20	25
22	11	131	110	133	201	195	126	92	96	71	20	24
23	11	92	94	118	515	169	88	84	244	322	19	21
24	11	125	102	115	537	148	73	85	354	298	24	20
25	11	372	1,030	146	269	125	64	786	310	117	50	19
26	11	271	1,190	140	181	106	57	892	248	88	59	16
27	11	129	1,290	113	151	98	51	280	1,780	71	47	15
28	30	93	1,440	101	136	95	47	185	1,100	59	39	14
29	909	75	1,400	94	------	99	48	537	980	55	37	14
30	550	79	1,090	88	------	110	144	1,330	897	70	34	14
31	115	------	636	84	------	109	------	1,180	------	58	64	------
TOTAL	2,012.7	5,982	14,449	11,821	31,280	15,425	4,520	37,916	15,065	8,376	1,455	831
MEAN	64.9	199	466	381	1,117	498	151	1,223	502	270	46.9	27.7
MAX	909	565	1,440	1,520	7,620	2,490	863	6,750	2,340	1,290	128	82
MIN	9.5	57	55	84	123	95	47	84	74	55	19	14
CFSM	.44	1.34	3.15	2.57	7.55	3.36	1.02	8.26	3.39	1.82	.32	.19
IN.	.51	1.50	3.63	2.97	7.86	3.88	1.14	9.53	3.79	2.11	.37	.21
AC-FT	3,990	11,870	28,660	23,450	62,040	30,600	8,970	75,210	29,880	16,610	2,890	1,650

CAL YR 1974 TOTAL 93,716.3 MEAN 257 MAX 15,400 MIN 7.7 CFSM 1.74 IN 23.56 AC-FT 185,900
WTR YR 1975 TOTAL 149,132.7 MEAN 409 MAX 7,620 MIN 9.5 CFSM 2.76 IN 37.48 AC-FT 295,800

PEAK DISCHARGE (BASE, 1,200 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12- 6	1445	11.43	1,670	5- 4	1400	21.03	8,080
12-28	1930	11.36	1,650	5- 8	1815	19.20	5,300
1-10	1315	11.90	1,840	5-30	1730	11.13	1,580
2- 3	1930	14.72	2,890	6-11	2345	14.92	2,970
2-16	1845	22.71	13,700	6-27	1245	12.35	1,990
3-14	0130	14.54	2,820	7-10	1700	11.89	1,830
3-18	1015	11.95	1,850				

08025500 Bayou Toro near Toro, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.07	6.14	4.43	6.27	4.73	4.83	4.44	5.75	7.16	5.82	4.24	3.89
2	3.05	5.40	4.33	5.60	12.36	4.74	4.35	6.32	5.29	5.94	4.35	3.56
3	3.01	4.47	4.12	8.06	13.82	4.63	4.27	12.04	4.83	6.86	4.03	3.43
4	2.98	5.06	3.99	8.66	14.20	6.50	4.16	20.21	4.58	6.35	4.74	3.37
5	2.96	4.96	3.93	6.68	11.83	8.56	4.09	18.08	4.49	5.75	4.68	3.40
6	2.96	4.35	6.51	5.67	9.06	6.72	4.04	14.66	4.47	4.86	4.24	3.37
7	2.94	3.98	9.13	5.97	6.20	5.54	4.00	12.81	4.36	4.51	3.98	3.38
8	2.94	3.96	6.66	7.78	5.59	5.15	4.33	17.30	4.26	4.74	3.95	3.41
9	2.94	4.33	5.23	6.64	5.33	4.84	5.77	16.41	4.24	8.66	3.78	3.38
10	2.95	4.86	4.77	9.88	5.13	4.82	8.53	12.12	8.52	10.11	3.75	3.44
11	2.95	7.24	5.73	10.93	5.02	4.85	7.42	8.98	12.87	9.95	3.71	3.44
12	2.96	6.20	6.50	9.65	5.99	4.74	5.23	6.33	13.30	8.14	3.67	3.42
13	2.95	4.74	5.44	7.19	5.86	10.55	4.67	5.67	8.70	5.62	3.62	3.60
14	2.95	4.24	4.90	6.25	5.13	13.71	5.00	5.79	5.40	4.95	3.57	3.39
15	3.60	3.98	6.85	5.65	6.94	12.51	6.31	5.82	5.08	4.64	3.54	3.28
16	3.84	4.16	7.13	5.35	19.93	7.38	5.40	7.10	5.52	4.47	3.50	3.90
17	3.64	5.74	5.48	5.14	18.82	6.09	4.70	6.04	5.05	4.33	3.46	4.26
18	3.33	7.26	4.89	5.20	12.37	11.44	4.44	5.26	4.55	4.25	3.45	3.87
19	3.19	7.15	5.44	5.80	7.07	10.88	4.30	4.90	4.30	4.18	3.42	3.60
20	3.10	6.40	5.91	5.65	5.99	7.60	4.15	4.69	4.20	4.27	3.41	3.44
21	3.04	5.97	5.11	5.25	5.61	5.76	4.83	4.55	4.55	4.21	3.37	3.36
22	3.01	4.89	4.67	4.91	5.42	5.38	4.84	4.45	4.50	4.15	3.36	3.33
23	2.99	4.45	4.47	4.76	7.02	5.19	4.39	4.34	5.68	6.02	3.34	3.30
24	2.99	4.79	4.57	4.72	7.12	5.02	4.19	4.36	6.27	5.95	3.42	3.27
25	2.99	6.36	9.11	5.02	5.82	4.83	4.06	8.16	6.04	4.74	3.84	3.25
26	2.99	5.83	9.80	4.97	5.28	4.63	3.96	8.63	5.64	4.40	3.99	3.22
27	2.99	4.87	10.17	4.71	5.06	4.52	3.88	5.87	11.72	4.17	3.80	3.19
28	3.24	4.46	10.66	4.56	4.93	4.49	3.81	5.31	9.32	3.99	3.68	3.17
29	8.69	4.24	10.52	4.47	------	4.54	3.82	7.08	8.86	3.92	3.65	3.17
30	7.16	4.28	9.37	4.40	------	4.68	4.93	10.27	8.57	4.15	3.58	3.16
31	4.72	------	7.58	4.34	------	4.66	------	9.73	------	3.98	4.04	------
MAX	8.69	7.26	10.66	10.93	19.93	13.71	8.53	20.21	13.30	10.11	4.74	4.26
MIN	2.94	3.96	3.93	4.34	4.73	4.49	3.81	4.34	4.20	3.92	3.34	3.16

08026000 Sabine River near Burkeville, Tex.
(Formerly published as Sabine River below Toledo Bend near Burkeville, Tex.)

LOCATION.--Lat 31°03'50", long 93°31'10", Newton County, Tex.-Vernon Parish, La. State line, near left edge of low-water channel at downstream side of bridge on State Highway 63, about 200 ft (61 m) downstream from Pearl Creek, 10 miles (16 km) northeast of Burkeville, 16 miles (26 km) downstream from Bayou Toro, and at mile 139.7 (224.8 km).

DRAINAGE AREA.--7,482 mi^2 (19,378 km^2).

PERIOD OF RECORD.--September 1955 to current year. Prior to October 1974, published as "below Toledo Bend, near Burkeville, Tex.".

GAGE.--Water-stage recorder. Datum of gage is 70.59 ft (21.516 m) above mean sea level. Prior to Aug. 23, 1958, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--11 years (1955-66) prior to completion of Toledo Bend Reservoir, 4,653 ft^3/s (131.8 m^3/s), 3,371,000 acre-ft/yr (4.16 km^3/yr); 9 years (1966-75) regulated, 5,407 ft^3/s (153.1 m^3/s), 3,917,000 acre-ft/yr (4.83) km^3/yr).

EXTREMES.--Current year: Maximum discharge, 39,700 ft^3/s (1,120 m^3/s) Feb. 18 (gage height, 29.17 ft or 8.891 m); minimum daily, 167 ft^3/s (4.73 m^3/s) Oct. 27.
Period of record: Maximum discharge, 80,600 ft^3/s (2,280 m^3/s) Jan. 29, 1974 (gage height, 34.20 ft or 10.424 m); minimum daily, 38 ft^3/s (1.08 m^3/s) Sept. 14, 15, 1967.
Maximum stage since at least 1860, 35.9 ft (10.94 m) in May 1884, from information by local resident. Flood of Apr. 15, 1945, reached a stage of 35.8 ft (10.91 m), and flood of May 23, 1953, reached a stage of 35.3 ft (10.76 m), from floodmarks.

REMARKS.--Records fair. Flow regulated by Toledo Bend Reservoir (station 08025350) 16.8 miles (27.0 km) upstream (capacity, 4,660,000 acre-ft or 5.75 km^3).

REVISIONS.--WSP 1732: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,760	592	13,400	21,200	11,700	19,700	15,200	7,900	16,300	8,600	6,610	3,610
2	355	625	14,000	21,000	12,500	16,600	15,100	7,930	15,200	13,800	3,920	6,730
3	248	444	13,900	22,000	13,800	16,200	13,600	6,820	15,200	14,600	915	7,020
4	224	344	13,800	22,000	18,000	14,200	13,700	18,400	15,100	12,300	672	6,920
5	214	536	13,900	21,400	18,600	15,600	14,900	23,000	6,810	11,200	3,580	7,120
6	206	472	15,200	21,000	17,500	15,100	14,800	21,400	3,940	10,800	5,100	3,530
7	200	667	16,400	19,400	16,400	14,800	14,500	20,700	2,120	10,600	4,970	494
8	196	588	15,100	16,700	15,700	14,800	14,800	30,000	869	7,000	4,960	3,070
9	194	339	14,400	16,200	15,700	15,300	15,400	36,700	2,230	6,500	4,930	6,050
10	193	361	14,200	17,300	15,600	15,400	14,900	39,100	5,570	6,500	3,060	5,970
11	189	1,010	14,300	17,400	15,500	14,700	9,130	38,100	17,400	6,500	4,110	5,980
12	187	938	14,500	16,600	15,400	15,500	8,160	30,700	18,300	3,000	7,020	6,030
13	186	576	14,900	16,300	15,200	16,500	7,730	21,600	17,400	700	5,450	3,310
14	197	394	14,700	16,000	15,100	18,500	7,820	17,800	15,600	4,500	6,570	459
15	684	480	17,100	15,900	15,400	17,400	8,130	16,400	15,300	5,200	6,880	3,040
16	447	406	23,500	15,800	24,300	16,200	7,890	15,900	14,800	5,000	7,430	6,200
17	288	572	25,700	15,700	34,500	15,100	7,670	15,800	8,440	5,100	4,040	7,640
18	249	4,430	24,400	15,600	38,900	17,100	7,760	15,500	7,510	5,200	4,090	6,430
19	221	8,880	17,700	15,600	36,800	17,000	7,660	15,200	7,410	3,130	6,970	6,170
20	206	8,610	23,600	15,900	36,500	16,100	7,270	6,840	7,320	667	7,010	3,350
21	195	13,400	20,900	15,900	34,200	15,700	8,380	5,460	7,420	2,380	7,090	477
22	189	13,400	18,700	15,600	30,400	15,300	9,350	6,080	7,160	5,150	4,540	349
23	230	7,580	15,500	15,600	25,400	14,800	8,080	7,400	7,310	5,610	5,270	3,040
24	411	7,440	15,200	15,700	23,100	14,900	7,510	10,800	7,510	5,440	3,450	5,840
25	266	13,700	17,100	15,100	21,800	15,100	7,770	12,000	7,090	5,130	2,190	5,660
26	174	13,600	21,000	14,900	21,300	15,100	3,870	12,800	6,840	2,950	6,350	5,900
27	167	10,300	22,600	14,800	21,000	15,100	803	15,300	7,860	643	7,130	3,280
28	807	10,000	22,600	14,700	20,800	14,800	4,490	15,800	9,050	2,310	5,880	411
29	2,220	9,800	22,800	14,500	------	15,000	7,060	16,700	8,350	4,870	7,100	3,000
30	1,270	10,000	22,600	12,100	------	15,100	8,050	18,200	9,310	4,710	4,050	5,650
31	704	------	22,300	12,100	------	15,100	------	17,500	------	4,810	1,140	------
TOTAL	13,277	140,484	556,000	520,000	601,100	487,800	291,483	543,830	290,719	184,900	152,477	132,730
MEAN	428	4,683	17,940	16,770	21,470	15,740	9,716	17,540	9,691	5,965	4,919	4,424
MAX	2,220	13,700	25,700	22,000	38,900	19,700	15,400	39,100	18,300	14,600	7,430	7,640
MIN	167	339	13,400	12,100	11,700	14,200	803	5,460	869	643	672	349
AC-FT	26,330	278,700	1,103M	1,031M	1,192M	967,600	578,200	1,079M	576,600	366,700	302,400	263,300

CAL YR 1974 TOTAL 3,226,658 MEAN 8,840 MAX 77,900 MIN 167 AC-FT 6,400,000
WTR YR 1975 TOTAL 3,914,800 MEAN 10,730 MAX 39,100 MIN 167 AC-FT 7,765,000

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, 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 (7.7 km) northwest of Rosepine.

DRAINAGE AREA.--365 mi^2 (945 km^2).

PERIOD OF RECORD.--October 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 118.09 ft (35.994 m) above mean sea level, unadjusted. Prior to Nov. 11, 1954, non-recording gage at same site and datum.

AVERAGE DISCHARGE.--24 years, 444 ft^3/s (12.57 m^3/s), 16.52 in/yr (420 mm/yr), 321,700 acre-ft/yr (397 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 22,400 ft^3/s (634 m^3/s) May 5 (gage height, 23.40 ft or 7.132 m); minimum, 21 ft^3/s (0.59 m^3/s) Oct. 12, 14, 28 (gage height, 2.89 ft or 0.81 m).
Period of record: Maximum discharge, 64,300 ft^3/s (1,820 m^3/s) May 19, 1953 (gage height, 28.38 ft or 8.650 m); minimum, 5.5 ft^3/s (0.16 m^3/s) Sept. 30, 1956.

REMARKS.--Records good. Some effect from storage in Anacoco Lake (usable capacity 41,300 acre-ft or 50.9 hm^3) except January 1956 to September 1958 and Vernon Lake (usable capacity 58,000 acre-ft or 71.5 hm^3) since May 1963. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WSP 2122: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	687	291	1,610	309	316	312	3,330	1,930	2,290	507	79
2	24	601	246	1,140	335	293	282	3,550	1,250	2,030	1,560	74
3	24	538	215	1,100	413	270	263	3,120	910	1,680	1,040	103
4	22	433	189	1,260	1,020	367	231	11,500	651	1,330	1,130	155
5	23	390	172	1,170	1,820	803	198	18,700	509	954	2,310	164
6	24	416	661	939	1,790	761	181	11,400	447	801	2,120	172
7	23	397	2,070	849	1,290	597	165	5,920	414	608	1,150	198
8	22	344	2,230	1,180	895	521	267	4,540	407	458	771	174
9	23	303	2,010	1,150	679	424	1,040	4,990	621	433	701	172
10	24	341	1,340	2,090	554	352	1,100	5,490	1,220	707	655	161
11	23	1,180	987	3,200	472	338	882	4,220	1,830	1,230	621	124
12	22	983	886	3,450	723	309	1,140	2,680	2,060	1,340	597	92
13	22	635	739	3,190	739	832	935	1,480	2,120	884	572	115
14	22	484	597	2,170	563	2,000	998	1,260	1,820	610	548	89
15	69	382	1,430	1,290	460	2,150	1,390	1,020	1,310	469	530	78
16	120	308	1,730	949	939	1,830	1,080	897	1,180	372	512	115
17	70	385	1,360	773	1,850	1,330	683	817	897	308	502	425
18	45	498	931	731	2,060	2,570	514	693	671	261	486	158
19	35	1,570	727	973	1,590	3,170	426	559	511	225	344	110
20	29	2,000	604	958	1,080	3,100	365	465	452	330	214	94
21	26	1,410	514	761	767	1,930	731	396	751	226	263	86
22	24	958	431	606	625	1,060	2,310	343	665	619	269	78
23	23	727	404	525	627	797	2,530	296	842	1,790	140	108
24	23	631	1,240	450	615	651	1,520	278	828	1,920	113	156
25	23	849	2,050	448	543	543	743	863	629	1,710	226	156
26	22	751	2,650	424	448	447	539	1,050	572	956	160	155
27	22	593	3,260	401	390	373	419	876	611	487	119	154
28	25	477	3,860	375	346	335	336	1,330	1,140	346	105	101
29	114	385	4,100	359	------	382	302	2,140	1,740	287	125	79
30	257	335	3,680	344	------	447	1,420	3,410	1,980	336	86	76
31	679	------	2,690	324	------	382	------	3,040	------	343	93	------
TOTAL	1,931	19,991	44,294	35,189	23,942	29,680	23,302	100,653	30,968	26,340	18,569	4,001
MEAN	62.3	666	1,429	1,135	855	957	777	3,247	1,032	850	599	133
MAX	679	2,000	4,100	3,450	2,060	3,170	2,530	18,700	2,120	2,290	2,310	425
MIN	22	303	172	324	309	270	165	278	407	225	86	74
CFSM	.17	1.82	3.92	3.11	2.34	2.62	2.13	8.90	2.83	2.33	1.64	.36
IN.	.20	2.04	4.51	3.59	2.44	3.02	2.37	10.26	3.16	2.68	1.89	.41
AC-FT	3,830	39,650	87,860	69,800	47,490	58,870	46,220	199,600	61,430	52,250	36,830	7,940

CAL YR 1974 TOTAL 201,188 MEAN 551 MAX 6,090 MIN 20 CFSM 1.51 IN 20.50 AC-FT 399,100
WTR YR 1975 TOTAL 358,860 MEAN 983 MAX 18,700 MIN 22 CFSM 2.69 IN 36.57 AC-FT 711,800

08028000 Bayou Anacoco near Rosepine, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.96	7.36	5.10	11.66	5.22	5.26	5.24	17.94	12.98	14.49	6.26	3.50
2	2.93	6.92	4.80	9.55	5.38	5.11	5.04	18.36	10.15	13.43	11.44	3.46
3	2.92	6.57	4.58	9.34	5.85	4.96	4.91	17.47	8.42	11.94	9.08	3.70
4	2.90	5.97	4.39	10.10	8.92	5.55	4.69	21.15	7.17	10.41	9.56	4.13
5	2.91	5.72	4.26	9.68	12.57	7.93	4.46	22.85	6.41	8.61	14.53	4.20
6	2.92	5.87	6.96	8.60	12.44	7.73	4.33	21.61	6.05	7.93	13.73	4.26
7	2.91	5.76	13.63	8.16	10.21	6.90	4.21	20.23	5.86	6.96	9.69	4.45
8	2.90	5.44	14.27	9.74	8.37	6.48	4.87	19.59	5.82	6.11	7.78	4.28
9	2.91	5.18	13.36	9.60	7.32	5.92	9.01	19.93	6.95	5.97	7.43	4.26
10	2.92	5.39	10.44	13.44	6.66	5.49	9.32	20.18	10.01	7.45	7.20	4.18
11	2.91	9.73	8.82	17.72	6.20	5.40	8.32	19.15	12.62	10.08	7.02	3.88
12	2.90	8.80	8.34	18.21	7.53	5.22	9.54	15.89	13.60	10.50	6.90	3.62
13	2.90	7.10	7.61	17.67	7.62	7.84	8.53	11.09	13.82	8.30	6.76	3.81
14	2.90	6.27	6.90	13.96	6.71	13.31	8.71	10.18	12.56	6.97	6.63	3.59
15	3.38	5.67	10.84	10.20	6.13	13.96	10.68	8.91	10.34	6.18	6.53	3.49
16	3.84	5.21	12.20	8.65	8.53	12.58	9.22	8.39	9.74	5.61	6.43	3.78
17	3.41	5.69	10.53	7.79	12.71	10.44	7.34	8.00	8.38	5.20	6.37	5.91
18	3.17	6.35	8.55	7.57	13.59	15.47	6.44	7.39	7.27	4.90	6.28	4.15
19	3.05	11.36	7.55	8.75	11.58	17.64	5.93	6.69	6.42	4.65	5.42	3.77
20	2.99	13.34	6.94	8.68	9.25	17.43	5.57	6.16	6.08	5.34	4.57	3.63
21	2.95	10.76	6.44	7.72	7.75	12.85	7.39	5.75	7.67	4.66	4.91	3.56
22	2.92	8.68	5.96	6.95	7.05	9.12	14.54	5.43	7.24	6.72	4.94	3.49
23	2.91	7.55	5.80	6.50	7.06	7.90	15.41	5.13	8.12	12.46	4.01	3.98
24	2.91	7.08	10.00	6.07	7.00	7.18	11.29	5.01	8.05	13.02	3.79	4.14
25	2.91	8.16	13.47	6.06	6.59	6.60	7.64	8.16	7.07	12.08	4.65	4.14
26	2.90	7.67	15.86	5.92	6.06	6.05	6.58	9.11	6.75	8.55	4.17	4.13
27	2.90	6.88	17.84	5.78	5.72	5.61	5.89	8.21	6.98	6.29	3.85	4.12
28	2.94	6.23	18.82	5.63	5.45	5.38	5.39	10.52	9.62	5.45	3.72	3.69
29	3.78	5.69	19.12	5.53	------	5.67	5.17	13.70	12.23	5.07	3.89	3.50
30	4.81	5.38	18.57	5.44	------	6.05	10.65	18.15	13.24	5.39	3.56	3.47
31	7.31	------	15.82	5.31	------	5.67	------	17.15	------	5.43	3.62	------
MAX	7.31	13.34	19.12	18.21	13.59	17.64	15.41	22.85	13.82	14.49	14.53	5.91
MIN	2.90	5.18	4.26	5.31	5.22	4.96	4.21	5.01	5.82	4.65	3.56	3.46

08028500 Sabine River near Bon Wier, Tex.

LOCATION.--Lat 30°44'49", long 93°36'30", Beauregard Parish, La.-Newton County, Tex. State line, near left bank at downstream side of bridge on U.S. Highway 190, 0.7 mi (1.1 km) upstream from Quicksand Creek, 0.8 mi (1.3 km) upstream from Gulf, Colorado, and Santa Fe Railway Co. bridge, 2.0 mi (3.2 km) east of Bon Wier, 2.4 mi (3.9 km) upstream from Caney Creek, and at mile 97.7 (157.2 km).

DRAINAGE AREA.--8,229 mi^2 (21,313 km^2).

PERIOD OF RECORD.--October 1923 to current year. Monthly discharge only for some periods, published in WSP 1312. Gage-height records collected in this vicinity since 1913 are contained in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 46.42 ft (14.149 m) above mean sea level. Prior to July 8, 1931, nonrecording gage at site 0.8 mi (1.3 km) downstream at same datum. July 8, 1931, to Oct. 15, 1958, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--43 years (1923-66) prior to completion of Toledo Bend Reservoir, 6,846 ft^3/s (193.9 m^3/s), 4,960,000 acre-ft/yr (6.12 km^3/yr); 9 years (1967-75) regulated, 6,437 ft^3/s (182.3 m^3/s), 4,664,000 acre-ft/yr (5.75 km^3/yr).

EXTREMES.--Current year: Maximum discharge, 41,900 ft^3/s (1,190 m^3/s) May 12 (gage height, 21.45 ft or 6.538 m); minimum daily, 519 ft^3/s (14.7 m^3/s) Oct. 14.

Period of record: Maximum discharge, 115,000 ft^3/s (3,260 m^3/s) May 19, 1953 (gage height, 25.70 ft or 7.833 m); minimum daily, 134 ft^3/s (3.79 m^3/s) Nov. 9, 1966.

Maximum stage since at least 1833, 30.5 ft (9.30 m) 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 26 ft (7.9 m). Floods occurring about 1844 and 1860 were higher than flood in May 1884, from information by local residents.

REMARKS.--Records fair. Flow regulated by Toledo Bend Reservoir (sta 08025350) located 58.8 miles (94.6 km) upstream.

REVISIONS (WATER YEARS).--WSP 1342: 1953. WSP 1442: 1924, 1926-27(M), 1929(M), 1939. WSP 1732: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,200	1,750	11,600	27,300	13,500	22,700	16,300	14,400	22,700	12,900	6,740	1,710
2	1,860	1,710	13,800	25,100	13,200	21,400	16,200	14,300	19,700	13,700	9,190	4,720
3	909	1,650	14,200	24,400	13,200	18,800	16,000	13,200	17,600	16,500	6,950	6,840
4	709	1,420	14,300	25,300	17,400	17,700	14,400	13,400	16,700	16,400	3,800	7,120
5	648	1,250	14,200	25,100	23,400	16,300	15,000	26,300	14,200	14,200	3,730	7,220
6	614	1,250	14,800	24,200	23,500	17,700	15,800	32,600	7,550	12,900	7,650	7,420
7	591	1,190	18,600	23,500	21,600	17,000	15,600	33,400	5,090	12,200	7,990	3,380
8	573	1,310	19,400	22,300	19,500	16,200	15,500	32,700	2,600	10,900	6,910	1,350
9	560	1,400	17,700	20,200	17,800	16,100	16,700	35,100	2,090	7,100	6,440	4,040
10	556	1,140	16,800	20,400	17,400	16,500	17,700	37,100	6,260	6,920	6,210	6,360
11	547	1,780	16,100	24,100	17,100	16,400	15,000	39,800	16,400	8,180	3,650	6,400
12	535	2,830	16,000	23,500	17,400	15,900	11,300	41,400	21,000	9,560	5,920	6,360
13	526	2,290	15,800	22,400	17,600	16,800	10,100	37,700	21,300	5,830	7,830	6,440
14	519	1,520	15,900	21,700	17,200	20,500	9,830	30,800	20,300	2,870	6,440	2,830
15	732	1,220	16,900	20,300	16,900	22,000	11,200	23,400	18,600	4,650	7,680	1,120
16	1,380	1,190	20,800	18,900	19,000	21,000	10,700	19,800	17,900	5,950	7,730	4,000
17	1,100	1,250	24,900	18,200	26,300	19,400	9,630	18,000	15,000	5,930	8,230	6,200
18	801	1,520	26,900	18,200	32,100	21,300	9,200	17,200	10,100	5,830	5,100	7,800
19	687	7,200	24,800	18,500	35,500	23,700	8,900	16,500	8,770	5,760	6,040	7,200
20	620	12,500	21,800	18,300	36,500	22,500	8,620	14,100	8,440	3,180	7,500	6,600
21	579	13,300	23,900	18,200	36,300	21,200	8,660	7,780	8,190	1,630	7,460	3,500
22	555	15,200	22,700	17,900	35,400	19,300	12,400	6,320	8,440	4,280	7,550	1,000
23	543	12,900	20,000	17,400	33,500	17,700	13,100	6,690	8,660	8,540	4,910	900
24	542	9,080	17,400	17,200	30,300	16,600	11,700	8,890	9,000	9,140	6,230	4,000
25	698	11,200	18,500	17,200	26,900	16,600	10,200	12,500	8,710	8,270	3,360	5,800
26	670	15,100	21,900	16,700	24,700	16,600	9,260	14,200	8,080	7,360	3,750	5,800
27	533	13,900	25,900	16,300	23,500	16,500	4,370	14,900	7,840	3,970	6,980	5,800
28	522	11,700	28,400	15,900	22,900	16,300	2,050	16,600	9,890	1,820	7,540	3,000
29	1,700	11,000	29,200	15,800	------	16,000	6,090	19,400	11,300	4,090	6,530	1,200
30	3,260	10,600	28,900	14,700	------	16,200	8,810	24,200	11,800	6,000	7,340	5,000
31	2,030	------	28,400	13,600	------	16,300	------	24,800	------	6,050	4,080	------
TOTAL	28,299	171,350	620,500	622,800	649,600	569,200	350,320	667,480	364,210	242,610	197,460	141,110
MEAN	913	5,712	20,020	20,090	23,200	18,360	11,680	21,530	12,140	7,826	6,370	4,704
MAX	3,260	15,200	29,200	27,300	36,500	23,700	17,700	41,400	22,700	16,500	9,190	7,800
MIN	519	1,140	11,600	13,600	13,200	15,900	2,050	6,320	2,090	1,630	3,360	900
AC-FT	56,130	339,900	1,231M	1,235M	1,288M	1,129M	694,900	1,324M	722,400	481,200	391,700	279,900

CAL YR 1974 TOTAL 3,763,879 MEAN 10,310 MAX 77,100 MIN 519 AC-FT 7,466,000
WTR YR 1975 TOTAL 4,624,939 MEAN 12,670 MAX 41,400 MIN 519 AC-FT 9,174,000

08028700 Hoosier Creek near Merryville, La.

LOCATION.--Lat 30°43'32", long 93°33'36", in SE¼ sec.11, T.4 S., R.12 W., Beauregard Parish, near right bank on downstream side of bridge on State Highway 389, 2.0 mi (3.2 km) upstream from Pullem Branch, and 2.0 mi (3.2 km) south of Merryville.

DRAINAGE AREA.--13.1 mi^2 (33.9 km^2).

PERIOD OF RECORD.--October 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 60.53 ft (18.450 m) above mean sea level.

AVERAGE DISCHARGE.--20 years, 14.5 ft^3/s (0.410 m^3/s), 15.03 in/yr (382 mm/yr), 10,510 acre-ft/yr (13.0 hm^3/yr).

EXTREMES.--Current year: Maximum discharge, 850 ft^3/s (24.1 m^3/s) May 30 (gage height, 9.99 ft or 3.045 m); minimum, 2.1 ft^3/s (0.059 m^3/s) Oct. 21, 22-27, 28 (gage height, 0.80 ft or 0.244 m).
Period of record: Maximum discharge, 1,560 ft^3/s (44.2 m^3/s) Mar. 24, 1973 (gage height, 12.86 ft or 3.920 m) from rating curve extended above 720 ft^3/s (20.4 m^3/s); minimum, 0.80 ft^3/s (0.023 m^3/s) Sept. 14, 15, 16, 17, 18, 19, 1965.

REMARKS.--Records good except those for period of no gage-height record which are fair. See following page for table of daily gage height. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

REVISIONS.--WSP 1732: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	13	5.1	14	8.3	6.0	5.7	142	100	8.6	21	5.4
2	2.4	10	4.3	11	8.5	6.0	5.4	29	50	7.2	33	4.1
3	2.4	4.1	3.7	29	9.1	5.7	5.0	13	20	5.4	56	3.6
4	2.3	12	3.6	30	45	15	4.3	44	9.0	5.0	33	3.3
5	2.3	55	3.5	16	58	31	4.1	55	7.0	4.2	40	3.5
6	2.3	12	32	11	22	14	4.0	28	35	3.7	30	4.5
7	2.2	6.2	108	27	14	9.8	3.7	14	20	3.4	17	4.7
8	2.2	8.9	21	117	12	8.1	7.4	77	10	3.3	35	4.4
9	2.2	15	11	34	11	6.9	25	51	8.0	3.4	25	4.8
10	2.2	17	7.9	209	11	6.5	14	17	40	5.9	14	5.8
11	2.2	61	13	131	11	6.9	9.5	11	25	18	10	4.8
12	2.2	19	18	41	11	7.2	6.9	12	14	36	8.0	4.2
13	2.2	7.2	11	49	9.5	54	4.8	12	8.0	12	6.6	3.6
14	2.2	5.0	8.1	23	8.5	82	12	8.1	7.0	5.9	5.7	3.2
15	2.4	3.9	34	17	8.3	21	28	8.9	6.0	4.8	5.0	3.2
16	3.0	3.7	28	14	12	13	10	7.9	20	10	5.0	4.6
17	2.6	17	12	12	13	14	5.7	7.9	12	6.0	69	25
18	2.3	9.9	8.1	33	11	59	4.7	6.4	7.0	4.2	17	14
19	2.3	5.8	7.0	71	8.7	46	4.2	5.1	5.0	3.7	12	5.8
20	2.2	4.7	6.5	27	7.6	15	3.9	4.4	20	3.6	10	4.2
21	2.2	4.2	5.9	16	7.4	10	4.1	4.1	10	3.5	6.1	3.7
22	2.1	4.4	5.4	14	7.6	8.5	18	3.9	6.0	20	4.8	3.4
23	2.1	4.0	5.4	13	8.3	7.8	13	3.6	40	252	4.8	3.2
24	2.1	5.0	9.5	12	8.5	7.4	6.2	3.6	24	35	8.9	3.1
25	2.1	17	52	15	7.4	6.4	4.5	4.0	13	21	6.8	3.0
26	2.1	9.8	68	14	6.5	5.4	3.6	4.0	14	29	5.8	2.9
27	2.1	5.6	135	11	6.2	5.1	3.3	10	13	18	5.6	2.9
28	2.2	4.3	101	10	6.0	5.4	3.1	69	14	11	5.1	2.8
29	8.3	3.9	73	9.5	------	7.6	3.3	118	15	21	4.6	2.8
30	8.9	4.1	30	9.1	------	10	52	500	11	19	5.2	2.7
31	3.9	------	19	8.7	------	6.9	------	200	------	20	5.2	------
TOTAL	84.8	352.7	850.0	1,048.3	357.4	507.6	279.4	1,473.9	583.0	603.8	515.2	147.2
MEAN	2.74	11.8	27.4	33.8	12.8	16.4	9.31	47.5	19.4	19.5	16.6	4.91
MAX	8.9	61	135	209	58	82	52	500	100	252	69	25
MIN	2.1	3.7	3.5	8.7	6.0	5.1	3.1	3.6	5.0	3.3	4.6	2.7
CFSM	.21	.90	2.09	2.58	.98	1.25	.71	3.63	1.48	1.49	1.27	.37
IN.	.24	1.00	2.41	2.98	1.01	1.44	.79	4.19	1.66	1.71	1.46	.42
AC-FT	168	700	1,690	2,080	709	1,010	554	2,920	1,160	1,200	1,020	292

CAL YR 1974 TOTAL 6,203.3 MEAN 17.0 MAX 340 MIN 2.1 CFSM 1.30 IN 17.62 AC-FT 12,300
WTR YR 1975 TOTAL 6,803.3 MEAN 18.6 MAX 500 MIN 2.1 CFSM 1.42 IN 19.32 AC-FT 13,490

PEAK DISCHARGE (BASE, 400 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-10	1900	8.61	546	7-23	0445	8.56	535
5-30	0030	9.99	850				

NOTE.--No gage-height May 30 to July 2.

08028700 Hoosier Creek near Merryville, La.--Continued

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.88	1.49	1.13	1.59	1.31	1.13	1.21	5.42	--	--	1.96	1.26
2	.86	1.36	1.07	1.48	1.32	1.13	1.19	2.29	--	--	2.43	1.16
3	.85	1.05	1.03	2.20	1.35	1.11	1.16	1.65	--	1.26	3.29	1.11
4	.84	1.37	1.02	2.23	2.69	1.49	1.11	2.81	--	1.23	2.45	1.09
5	.83	2.99	1.01	1.68	3.12	2.18	1.09	3.24	--	1.17	2.71	1.10
6	.83	1.37	2.14	1.48	1.80	1.48	1.08	2.26	--	1.13	2.35	1.19
7	.82	1.10	4.57	2.05	1.51	1.31	1.06	1.69	--	1.09	1.82	1.21
8	.82	1.21	1.84	4.98	1.41	1.24	1.25	3.91	--	1.08	2.51	1.19
9	.82	1.50	1.41	2.41	1.38	1.17	2.03	3.08	--	1.09	2.15	1.21
10	.82	1.53	1.28	5.16	1.36	1.16	1.59	1.81	--	1.27	1.70	1.29
11	.82	3.24	1.50	4.83	1.35	1.17	1.42	1.56	--	1.83	1.52	1.22
12	.81	1.75	1.71	2.67	1.35	1.19	1.28	1.61	--	2.54	1.41	1.17
13	.81	1.26	1.39	2.99	1.30	2.87	1.15	1.61	--	1.59	1.33	1.11
14	.81	1.12	1.29	2.00	1.26	3.99	1.49	1.42	--	1.29	1.28	1.08
15	.85	1.05	2.29	1.74	1.25	1.84	2.18	1.45	--	1.22	1.23	1.07
16	.94	1.03	2.10	1.63	1.43	1.51	1.46	1.41	--	1.51	1.22	1.20
17	.88	1.20	1.44	1.56	1.45	1.53	1.22	1.41	--	1.29	3.72	2.12
18	.84	1.28	1.29	2.34	1.35	3.24	1.16	1.32	--	1.17	1.80	1.70
19	.83	1.45	1.23	3.69	1.27	2.84	1.12	1.23	--	1.13	1.61	1.29
20	.82	1.74	1.20	2.08	1.21	1.67	1.09	1.19	--	1.11	1.51	1.17
21	.81	1.39	1.16	1.66	1.20	1.45	1.10	1.16	--	1.10	1.30	1.13
22	.80	1.16	1.13	1.55	1.21	1.37	1.78	1.15	--	1.78	1.22	1.09
23	.80	1.07	1.13	1.52	1.25	1.33	1.59	1.12	--	6.38	1.22	1.07
24	.80	1.14	1.35	1.47	1.26	1.31	1.25	1.11	--	2.51	1.46	1.05
25	.80	1.70	2.91	1.59	--	1.25	1.13	1.15	--	1.95	1.35	1.05
26	.80	1.41	3.50	1.55	--	1.19	1.07	1.15	--	2.30	1.29	1.04
27	.80	1.18	5.34	1.45	1.14	1.17	1.03	1.42	--	1.83	1.27	1.03
28	.82	1.10	4.58	1.41	1.13	1.19	1.01	3.68	--	1.55	1.24	1.03
29	1.24	1.06	3.72	1.37	------	1.31	1.02	4.03	--	1.96	1.20	1.02
30	1.31	1.08	2.22	1.35	------	1.45	2.86	--	--	1.87	1.25	1.01
31	1.02	------	1.80	1.33	------	1.28	------	--	------	1.95	1.25	------
MAX	1.31	3.24	5.34	5.16	3.12	3.99	2.86	--	--	6.38	3.72	2.12
MIN	.80	1.03	1.01	1.33	1.13	1.11	1.01	1.11	--	1.08	1.20	1.01

08030500 Sabine River near Ruliff, Tex.

LOCATION.--Lat 30°18'13", long 93°44'37", Calcasieu Parish, La.-Newton County, Tex. State line, at downstream side of bridge on Texas State Highway 12, 2.4 mi (3.9 km) north of Ruliff, 4.2 mi (6.8 km) upstream from the Kansas City Southern Railway Co. bridge, 4.5 mi (7.2 km) downstream from Cypress Creek, and at mile 40.2 (64.7 km).

DRAINAGE AREA.--9,329 mi^2 (24,162 km^2).

PERIOD OF RECORD.--October 1924 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4.08 ft (1.244) above mean sea level. Prior to Mar. 1, 1941, nonrecording gage at Kansas City Southern Railway Co. bridge, 4.2 mi (6.8 km) downstream and at datum 2.02 ft (0.616 m) lower. Mar. 1, 1941, to Dec. 8, 1948, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--42 years (1924-66) prior to completion of Toledo Bend Reservoir, 8,422 ft^3/s (238.5 m^3/s), 6,102,000 acre-ft/yr (7.52 km^3/yr); 9 years (1966-75) regulated, 7,969 ft^3/s (225.7 m^3/s), 5,774,000 acre-ft/yr (7.12 km^3/yr).

EXTREMES.--Current year: Maximum discharge, 40,700 ft^3/s (1,150 m^3/s) May 14, gage height, 15.33 ft (4,673 m); minimum daily, 774 ft^3/s (21.9 m^3/s) Oct. 14.
Period of record: Maximum discharge, 121,000 ft^3/s (3,430 m^3/s) May 22, 1953, gage height, 19.98 ft (6.089 m); minimum, 270 ft^3/s (7.65 m^3/s) Sept. 27-30, Oct. 1-3, 17-20, 1956.
Maximum stage since at least 1835, 22.2 ft (6.77 m) in May or June 1884 (adjusted to present site and datum on basis of slope of flood of June 8, 9, 1950); flood of Apr. 26-29, 1913, reached a stage of 19.5 ft (5.94 m), present site and datum, from information by local resident.

REMARKS.--Records fair. Flow partly regulated by Toledo Bend Reservoir (sta 08025350) 116.3 mi (187.1 km) upstream.

REVISIONS (WATER YEARS).--WSP 1282: 1941(M), 1942. WSP 1442: 1925-29, 1937-39, 1943. WSP 1732: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,460	3,600	14,600	32,100	17,500	25,200	17,100	9,520	24,200	12,400	7,260	7,060
2	2,550	3,210	13,600	30,800	17,200	24,100	17,100	11,500	25,700	12,800	9,910	5,380
3	2,740	2,910	12,700	29,800	17,000	23,500	17,100	14,400	24,100	13,000	10,600	4,130
4	1,940	3,020	12,700	27,400	16,900	22,600	17,100	16,000	21,400	13,400	11,000	5,160
5	1,310	3,090	13,300	26,200	16,900	21,600	17,100	16,300	18,300	13,800	11,100	6,430
6	1,100	2,610	14,300	26,200	17,800	20,200	16,900	16,200	16,700	14,400	9,670	7,130
7	1,000	2,200	15,100	29,100	19,500	19,200	16,600	18,000	15,500	14,400	8,580	7,350
8	926	2,120	15,800	31,400	21,500	18,500	17,600	24,700	14,400	14,000	9,070	7,180
9	888	2,160	17,200	29,100	22,200	18,400	18,200	33,000	14,600	13,300	9,660	5,370
10	850	2,260	19,200	28,000	21,500	18,200	17,900	34,800	13,400	12,400	9,380	4,000
11	822	2,400	20,500	27,200	20,500	17,800	17,800	36,100	10,300	11,000	8,700	5,030
12	807	2,700	19,600	25,800	19,500	17,600	17,900	38,000	11,400	9,760	7,930	5,860
13	792	3,440	18,300	26,000	18,900	17,400	18,400	39,300	14,400	9,300	6,690	6,370
14	774	3,740	17,500	26,700	18,600	17,500	18,400	40,600	18,600	9,300	6,710	6,550
15	786	3,150	17,800	25,700	18,900	18,500	18,200	39,500	20,700	8,400	7,260	6,280
16	816	2,500	17,700	23,400	19,000	19,600	16,900	35,300	19,700	6,800	7,470	4,320
17	1,230	2,120	17,700	22,200	19,000	22,100	15,900	28,600	18,500	6,480	7,650	3,440
18	1,620	2,010	17,900	20,800	19,100	22,600	14,800	22,900	17,400	6,730	7,830	5,380
19	1,400	2,220	20,800	20,100	21,500	22,600	13,800	19,800	16,200	6,860	7,750	6,950
20	1,130	4,410	24,400	19,700	26,800	22,900	12,500	18,400	14,500	6,860	6,850	7,950
21	1,000	7,360	26,500	20,200	33,400	24,700	11,600	17,400	12,900	6,380	6,740	8,160
22	909	9,760	25,400	20,300	37,300	25,500	11,200	16,100	11,400	4,600	7,190	7,620
23	864	11,900	24,900	20,300	38,400	24,400	11,200	13,900	11,000	3,910	7,750	5,190
24	822	14,100	24,900	19,700	38,000	22,100	12,100	11,200	10,600	5,570	7,860	2,860
25	798	15,500	24,700	19,000	35,900	20,300	13,300	9,940	10,400	7,200	7,320	2,780
26	813	15,400	24,400	18,500	32,800	19,200	13,700	9,760	10,600	8,490	6,840	4,460
27	920	14,200	24,200	17,800	29,400	18,600	13,200	10,200	11,200	9,210	5,610	5,420
28	895	14,200	26,200	17,800	26,700	18,000	11,900	11,700	11,600	9,080	5,810	5,870
29	920	15,000	29,600	17,800	------	17,800	9,000	14,800	11,700	7,310	6,710	5,680
30	1,140	15,600	32,500	17,600	------	17,500	7,820	18,000	12,200	5,590	7,280	3,810
31	2,920	------	33,400	17,400	------	17,200	------	21,000	------	6,240	7,270	------
TOTAL	38,942	188,890	637,400	734,100	661,700	635,400	452,320	666,920	463,600	288,970	247,450	169,170
MEAN	1,256	6,296	20,560	23,680	23,630	20,500	15,080	21,510	15,450	9,322	7,982	5,639
MAX	3,460	15,600	33,400	32,100	38,400	25,500	18,400	40,600	25,700	14,400	11,100	8,160
MIN	774	2,010	12,700	17,400	16,900	17,200	7,820	9,520	10,300	3,910	5,610	2,780
AC-FT	77,240	374,700	1,264M	1,456M	1,312M	1,260M	897,200	1,323M	919,600	573,200	490,800	335,500

CAL YR 1974 TOTAL 4,268,862 MEAN 11,700 MAX 84,000 MIN 774 AC-FT 8,467,000
WTR YR 1975 TOTAL 5,184,862 MEAN 14,210 MAX 40,600 MIN 774 AC-FT 10,280,000

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 elevations at flood-profile stations. Discharge measurements made at miscellaneous sites for both low flow and high flow are given in a third table.

Crest-stage partial-record stations

The following table contains annual maximum discharge 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.

Annual maximum discharge at crest-stage partial-record stations during water year 1975

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Pearl River basin					
02490113	Bogue Lusa Creek at State Highway 21, at Bogalusa, La.	Lat 30°46'52", long 89°51'07", Washington Parish, at bridge 1.4 miles southeast of Bogalusa water tower.	75.9	1969-75	4-13-69	75.74	2,280
					1970	<75.19	<1,600
					9-16-71	76.34	3,040
					5-08-72	77.35	4,400
					3-24-73	78.68	6,630
					12-26-73	78.84	6,930
					4-14-75	78.17	5,700
02490130	Coburn Creek at Bogalusa, La.	Lat 30°47'46", long 89°50'46", Washington Parish, at bridge on State Highway 21, and 1.0 miles southeast of Bogalusa water tower.	7.96	1969-75	4-14-75	4.02	(†)
02491200	Silver Creek near Clifton, La.	Lat 30°55'30", long 90°14'30", Washington Parish, at bridge on State Highway 38, and 3.6 miles west of Clifton.	50.1	1966-75	1-10-75	8.77	(†)
02491350	Hays Creek near Franklinton, La.	Lat 30°53'16", long 90°11'28", Washington Parish, at bridge on State Highway 25, and 3.4 miles northwest of Franklinton water tower.	42.2	1966-75	1-10-75	11.97	(†)
02491700	Lawrence Creek near Franklinton, La.	Lat 30°51'40", long 90°06'55", Washington Parish, at bridge on State Highway 10, and 2.0 miles east of Franklinton.	44.2	1964-75	4-14-75	10.49	5,260
		Red River basin					
07346950	Kelly Bayou near Ida, La.	Lat 30°00'05", long 93°51'55", Caddo Parish, at bridge on State Highway 168, and 1.8 miles east of Ida.	a73	1969-75	2-02-75	42.61	2,300
07348100	McCain Creek near Shreveport, La.	Lat 32°35'50", long 93°50'00", Caddo Parish, at bridge on State Highway 1, 7.0 miles northwest of Shreveport.	13.8	1974-75	5-03-75	39.86	(†)
07348725	Indian Creek at Shongaloo, La.	Lat 32°55'55", long 93°17'30", Webster Parish, at bridge on State Highway 535, and 0.8 mile southeast of Shongaloo.	b33.1	1974-75	11-14-74	43.89	(†)
07348760	Black Bayou at Leton, La.	Lat 32°51'10", long 93°15'05", Webster Parish, at bridge on State Highway 159, 0.5 mile south of Leton.	49.8	1974-75	5-03-75	46.52	3,270
07350990	Boggy Bayou at Woolworth Road, near Keithville, La.	Lat 32°22'35", long 93°54'00", Caddo Parish, at bridge 4.8 miles northwest of Keithville.	41.3	1963-75	1-10-75	41.92	2,900
07351205	Brush Bayou tributary No. 2 at Shreveport, La.	Lat 32°26'30", long 93°48'05", Caddo Parish, at Culvert on 70th Street, 5.8 miles southwest of Shreveport Post Office.	--	1967-70 1974-75	11-07-74	8.87	(†)
07351300	Brush Bayou near Shreveport, La.	Lat 32°23'25", long 93°46'15", Caddo Parish, at bridge on State Highway 526, and 2.5 miles south of Shreveport.	27.1	1960-75	10-28-74	163.22	(†)
07351500	Cypress Bayou near Keithville, La.	Lat 32°18'00", long 93°49'40", Caddo Parish, at bridge on State Highway 175, and 2.0 miles south of Keithville.	a66	1939-57‡, 1958-75	2-01-75	10.26	2,660

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Red River basin--Continued					
07351670	Rambin Bayou near Frierson, La.	Lat 32°13'25", long 93°42'15", De Soto Parish, at bridge on State Highway 175, and 1.5 miles south of Frierson.	59.6	1966-75	1-10-75	12.04	(†)
07351700	Bayou Na Bonchasse near Mansfield, La.	Lat 32°06'05", long 93°41'45", De Soto Parish, at bridge on State Highway 175, and 4.2 miles north of Mansfield.	19.5	1957-68‡, 1969-75	5-03-75	11.83	1,050
07351980	Saline Bayou near Bienville, La.	Lat 32°24'10", long 92°56'45", Bienville Parish, at bridge on parish road 1.0 mile upstream from Bear Creek, and 4.0 miles northeast of Bienville.	54.9	1966-75	4-04-75	44.67	1,900
07352200	Black Lake Bayou near Minden, La.	Lat 32°34'50", long 93°10'55", Bienville-Webster Parish line, at bridge on U.S. Highway 80, and 7.0 miles southeast of Minden.	38.6	1951-68, 1974-75	5-04-75	16.02	1,430
07352295	Black Lake Creek at Gibsland, La.	Lat 32°33'15", long 93°03'05", Bienville Parish, at bridge on State Highway 154, and 0.6 mile north of Gibsland.	44.8	1968-75	5-03-75	47.88	(†)
07352400	Kepler Creek at Sparta, La.	Lat 32°22'05", long 93°05'35", Bienville Parish, at bridge on State Highway 507, 0.8 mile west of Sparta.	21.1	1954-68, 1974-75	5-04-75	43.58	(†)
07352500	Black Lake Bayou near Castor, La.	Lat 32°15'40", long 93°12'50", Red River Parish, at bridge on State Highway 4, and 2.8 miles northwest of Castor.	423	1941-57‡, 1958-75	3-14-75	10.34	4,320
07352730	Antoine Creek near Ashland, La.	Lat 32°05'50", long 93°06'10", Red River Parish, at bridge on State Highway 153, and 3.0 miles south of Ashland.	17.7	1964-75	6-11-75	45.42	(†)
07353990	Kisatchie Bayou at Kisatchie, La.	Lat 31°25'20", long 93°10'14", Natchitoches Parish, at bridge on State Highway 117, and 0.6 mile north of Kisatchie.	37.3	1966-75	6-10-75	23.65	7,200
07364740	Bayou de Loutre near Farmerville, La.	Lat 32°52'25", long 92°23'40", Union Parish, at bridge on State Highway 549, and 7.0 miles north of Farmerville.	241	1966-75	2-04-75	44.97	4,860
07364800	Bayou D'Arbonne at Homer, La.	Lat 32°48'30", long 93°03'20", Claiborne Parish, at bridge on U.S. Highway 79, and 0.2 mile north of Homer.	a30	1954-68 1974-75	7-08-75	47.04	(†)
07364870	Sugar Creek near Arcadia, La.	Lat 32°41'20", long 92°51'30", Claiborne-Lincoln Parish line, at bridge on State Highway 146, and 10.3 miles northeast of Arcadia.	a47	1966-75	5-04-75	44.71	2,350
07365300	Middle Fork Bayou D'Arbonne near Colquitt, La.	Lat 32°55'40", long 92°59'40", Claiborne Parish, at bridge on State Highway 520, and 2.0 miles southeast of Colquitt.	43.9	1954-68, 1974-75	3-13-75	46.65	(†)
07366000	Corney Bayou near Lillie, La.	Lat 32°53'15", long 92°39'25", Union Parish, at bridge on U.S. Highway 167, and 3.0 miles south of Lillie.	462	1941-57‡,	2-03-75	17.80	15,500
07366350	Stowe Creek near Farmerville, La.	Lat 32°40'20", long 92°28'20", Union Parish, at bridge on State Highway 151, and 8.0 miles southwest of Farmerville.	a29	1954-68, 1974-75	5-03-75	46.80	(†)
07366420	Bayou Choudrant near Calhoun, La.	Lat 32°32'30", long 92°22'45", Ouachita Parish, at bridge on State Highway 151, and 2.5 miles northwest of Calhoun.	113	1966-75	5-14-75	43.88	6,400
07367300	North Cheniere Creek at Cheniere, La.	Lat 32°29'35", long 92°15'40", Ouachita Parish at bridge on State Highway 546, 1.0 mile southwest of Cheniere.	a38	1954-68, 1974-75	7-10-75	44.96	(†)
07367600	Cypress Creek near Vixen, La.	Lat 32°17'20", long 92°14'45", Ouachita Parish, at bridge on State Highway 557, and 4.1 miles northeast of Vixen.	a16	1954-68, 1974-75	3-13-75	47.92	(†)
07369253	Turkey Creek at Jigger, La.	Lat 32°02'05", long 91°44'06", Franklin Parish, at bridge on State Highway 128, and 0.7 mile east of Jigger.	62	c1975	5-04-75	44.00	(†)

Annual maximum discharge at crest-stage partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Red River basin--Continued					
07370530	Black Bayou at Kelly, La.	Lat 31°58'20", long 92°10'00", Caldwell Parish, at bridge on U.S. Highway 165, and 0.9 mile southeast of Kelly.	51.9	1966-75	5-05-75	40.25	3,600
07370575	Caney Creek near Chatham, La.	Lat 32°13'00", long 92°29'10", Jackson Parish, at bridge on State Highway 34, and 6.5 miles southwest of Chatham.	48.8	1966-75	5-09-75	45.04	(†)
07370600	Beaucoup Creek near Cotton Plant, La.	Lat 32°06'40", long 92°19'20", Winn Parish, at bridge on State Highway 110, and 3.3 miles west of Cotton Plant.	127	1951-68, 1975	5-04-75	12.04	(†)
07370650	Flat Creek near Sikes, La.	Lat 32°04'45", long 92°27'50", Winn Parish, at bridge on State Highway 110, and 1.5 miles east of Sikes.	41.5	1951-68, 1975	5-04-75	10.94	(†)
07370660	Flat Creek near Olla, La.	Lat 32°00'55", long 92°21'50", Winn Parish, at bridge on State Highway 127, 2.5 miles downstream from Fish Creek, and 10.2 miles northwest of Olla.	103	1966-75	5- 5-75	48.91	8,400
07370700	Beech Creek near Olla, La.	Lat 31°54'55", long 92°23'35", Winn Parish, at bridge on State Highway 124, and 9.0 miles west of Olla.	a58	1954-68, 1975	5-05-75	45.55	(†)
07370750	Chickasaw Creek near Olla, La.	Lat 31°52'30", long 92°13'35", La Salle Parish, at bridge on State Highway 127, 2.0 miles southeast of Olla, and 3.5 miles upstream from Tarver Creek.	47.6	1954-75	5-05-75	41.09	2,600
07370820	Dugdemona River near Quitman, La.	Lat 32°20'40", long 92°44'40", Jackson Parish, at bridge on State Highway 155, and 1.7 miles west of Quitman.	117	1964-75	5-04-75	43.53	5,200
07370840	Choctaw Creek near Hodge, La.	Lat 32°22'05", long 92°48'45", Bienville Parish, at bridge on State Highway 147, and 8.5 miles northwest of Hodge.	16.5	1966-75	10-31-74	43.98	1,270
07370930	Cypress Bayou at Quitman, La.	Lat 32°20'45", long 92°42'55", Jackson Parish, at bridge on U.S. Highway 167, and 0.8 mile southeast of Quitman.	91.8	1966-75	5-04-75	42.72	5,000
07370980	Little Dugdemona River near Hodge, La.	Lat 32°16'20", long 92°41'40", Jackson Parish, at bridge on State Highway 813-3, and 1.7 miles east of Hodge.	a20	1964-75	5-03-75	46.57	2,960
07372110	Brushy Creek near Joyce, La.	Lat 31°55'10", long 92°33'15", Winn Parish, at bridge on U.S. Highway 84, and 3.0 miles southeast of Joyce.	a24	1964-75	6-12-75	47.08	(†)
07372300	Bear Creek near Packton, La.	Lat 31°47'05", long 92°34'40", Grant Parish, at bridge on U.S. Highway 167, and 1.1 miles south of Packton.	a11	1954-68, 1975	5-05-75	51.03	(†)
07372900	Dyson Creek near Pollock, La.	Lat 31°32'20", long 92°25'00", Grant Parish, at bridge on unnumbered parish road, 0.8 mile upstream from mouth, and 1.6 miles northwest of Pollock.	a12	1964-75	5-04-75	44.53	(†)
		Mississippi River Delta					
07375170	Bogue Falaya at Covington, La.	Lat 30°29'58", long 90°05'04", St. Tammany Parish, at bridge on State Highway 437, and 1.0 mile northeast of Covington.	88.2	1964-75	5-08-75	17.61	6,600
07375222	Abita River north of Abita Springs, La.	Lat 30°28'55", long 90°02'20", St. Tammany Parish, at bridge on State Highway 36, and 0.2 mile north of Abita Springs.	46.1	1966-75	7-27-75	20.05	1,550
07375300	Tangipahoa River near Kentwood, La.	Lat 30°56'15", long 90°29'25", Tangipahoa Parish, at bridge on State Highway 38, and 1.1 miles east of Kentwood.	296	1951-68, 1975	1-08-75	12.58	(†)
07375307	Terry's Creek near Kentwood, La.	Lat 30°57'23", long 90°30'13", Tangipahoa Parish, at bridge on U.S. Highway 51, and 5.1 miles northeast of Kentwood.	52	1966-75	6-08-75	13.04	(†)

Annual maximum discharge at crest-stage partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Red River basin--Continued					
07375453	Lanier Creek near Loranger, La.	Lat 30°36'25", long 90°24'35", Tangipahoa Parish, at culvert on State Highway 442, and 2.3 miles south of Loranger.	.83	1967-71, 1975	1-08-75	7.68	(†)
07375463	Chappepeela Creek near Husser, La.	Lat 30°39'35", long 90°18'45", Tangipahoa Parish, at bridge on State Highway 445, and 1.9 miles southeast of Husser.	31.7	1966-75	4-14-75	26.08	4,350
07375480	Chappepeela Creek southeast of Loranger, La.	Lat 30°36'22", long 90°19'56", Tangipahoa Parish, at bridge on State Highway 40, and 4.5 miles southeast of Loranger.	91.0	1964-75	4-14-75	14.17	11,300
07375600	Washley Creek near Robert, La.	Lat 30°30'20", long 90°18'30", Tangipahoa Parish, at bridge on U.S. Highway 190, and 2.0 miles east of Robert.	25.3	1951-75	7-05-75	8.64	(†)
07375800	Tickfaw River at Liverpool, La.	Lat 30°55'47", long 90°40'41", St. Helena Parish, at bridge on State Highway 38, and 1.0 mile north of Liverpool.	89.7	1956-68‡, 1969-75	7-03-75	12.06	11,600
07375960	Tickfaw River at Montpelier, La.	Lat 30°41'10", long 90°38'35", St. Helena Parish, at bridge on State Highway 16, and 0.5 mile northeast of Montpelier.	220	1951-68, 1975	5-30-75	102.34	7,450
07376285	Hickory Branch near Albany, La.	Lat 30°28'00", long 90°36'35", Livingston Parish, at culvert on unnumbered parish road, 2.3 miles southeast of junction with State Highway 441, and 3.0 miles southwest of Albany.	1.25	1966-71, 1975	6-11-75	10.83	(†)
07376290	Blood River near Springfield, La.	Lat 30°26'19", long 90°36'37", Livingston Parish, at bridge on State Highway 42, and 3.7 miles northwest of Springfield.	26.6	1964-75	1-12-75	15.41	1,520
07376520	Little Natalbany River at Albany, La.	Lat 30°30'15", long 90°34'40", Livingston Parish, at bridge on U.S. Highway 190, and 0.3 mile east of Albany.	40.6	1966-75	4-29-75	25.51	3,500
07376600	Ponchatoula Creek at Natalbany, La.	Lat 30°33'40", long 90°28'55", Tangipahoa Parish, at bridge on U.S. Highway 51, and 1.0 mile north of Natalbany.	13.8	1951-75	4-29-75	11.19	1,340
07377190	Sandy Creek southeast of Clinton, La.	Lat 30°50'05", long 90°57'50", East Feliciana Parish, at bridge on State Highway 63, and 5.9 miles southeast of Clinton.	17.2	1966-75	5-08-75	11.90	(†)
07377300	Amite River at Magnolia, La.	Lat 30°32'05", long 90°58'50", East Baton Rouge Parish, at bridge on State Highway 64, and 0.4 mile east of Magnolia.	884	1949-75	1-10-75	43.99	30,000
07377700	Redwood Creek near Slaughter, La.	Lat 30°43'44", long 91°06'54", East Feliciana Parish, at bridge on State Highway 412, and 2.0 miles northeast of Slaughter.	41.1	1966-68‡, 1969-75	1-08-75	16.13	1,880
07380160	Middle Colyell Creek near Walker, La.	Lat 30°29'45", long 90°50'30", Livingston Parish, at bridge on U.S. Highway 190, and 1.3 miles east of Walker.	20.3	1951-75	5-01-75	4.59	1,040
07381413	Intracoastal Waterway tributary near Port Allen, La.	Lat 30°26'42", long 91°13'53", West Baton Rouge Parish, on Interstate Highway 10, 0.2 mile upstream from mouth, and 1.4 miles southwest of Port Allen.	9.08	1971-75	4-30-75	8.87	(†)
		Mermentau River basin					
08011800	Castor Creek near Oberlin, La.	Lat 30°37'10", long 92°37'10", Allen Parish, at bridge on parish road 0.1 mile upstream from Mulberry Creek, and 8.5 miles east of Oberlin.	43.9	1964-75	01-08-75	46.68	(†)

Annual maximum discharge at crest-stage partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Calcasieu River basin					
08012650	Floctaw Creek near Lacamp, La.	Lat 31°10'55", long 92°59'45", Vernon Parish, at bridge on State Highway 28, and 5.0 miles northwest of Lacamp.	18.7	1951-68, 1975	5-04-75	15.35	(†)
08013700	Drakes Creek near Pitkin, La.	Lat 30°57'45", long 93°08'15", Vernon Parish, at bridge on State Highway 10, and 12.5 miles west of Pitkin.	22.1	1954-68, 1975	5-04-75	16.38	(†)
08013800	Little Sixmile Creek near Pitkin, La.	Lat 30°58'05", long 93°00'45", Vernon Parish, at bridge on State Highway 10, 1.0 mile upstream from Spurlock Branch, and 5.0 miles west of Pitkin.	10.4	1954-75	5-04-75	14.01	(†)
08013950	Big Brushy Creek near Pitkin, La.	Lat 30°54'55", long 92°53'30", Vernon Parish, at bridge on State Highway 10, and 3.0 miles southeast of Pitkin, and 3.1 miles upstream from mouth.	34.4	1965-75	5-04-75	16.02	2,550
08014000	Sixmile Creek near Sugartown, La.	Lat 30°48'52", long 92°55'34", Allen Parish, at bridge on State Highway 10, 5.5 miles east of Sugartown, and 6.6 miles upstream from mouth.	171	1956-65‡, 1966-75	5-01-75	13.72	4,800
08014200	Tenmile Creek near Elizabeth, La.	Lat 30°50'11", long 92°52'26", Allen Parish, at bridge on State Highway 10, 0.3 mile downstream from Carter Branch, and 5.3 miles southwest of Elizabeth.	94.2	1950-65‡, 1966-75	5-01-75	14.09	3,200
08014600	Flat Creek near De Ridder, La.	Lat 30°51'05", long 93°14'45", Beauregard Parish, at bridge on State Highway 112, 2.4 miles east of De Ridder, and 3.2 miles upstream from mouth.	26.3	1964-75	5-01-75	10.88	(†)
08015200	Dry Creek at Dry Creek, La.	Lat 30°39'25", long 93°02'45", Beauregard Parish, at bridge on State Highway 113, and 1.0 mile south of Dry Creek.	42.7	1956-68, 1975	5-30-75	19.66	(†)
08016600	Hickory Branch at Kernan, La.	Lat 30°30'05", long 93°16'45", Beauregard Parish, at bridge on State Highway 12, 0.7 mile southwest of Kernan, and 3.0 miles upstream from Cowpen Creek.	82.2	1946-57‡, 1958-75	1-08-75	20.25	3,450
		Sabine River basin					
08022600	Bayou Castor near Longstreet, La.	Lat 32°05'35", long 93°55'15", De Soto Parish, at bridge on State Highway 3015, and 1.8 miles east of Longstreet.	27.7	1954-68, 1975	5-04-75	15.01	(†)
08023270	Bull Bayou near Hunter, La.	Lat 31°53'10", long 93°52'30", De Soto Parish, at bridge on State Highway 174, 1.1 miles southeast of Hunter, and 3.2 miles upstream from mouth.	8.54	1964-75	5-06-75	10.47	(†)
08024030	Bayou Scie at Zwolle, La.	Lat 31°37'45", long 93°37'40", Sabine Parish, at bridge on U.S. Highway 171, and 1.0 mile east of Zwolle.	45.9	1950-68, 1975	2-16-75	11.75	(†)
08024060	Blackwell Creek at Many, La.	Lat 31°34'50", long 93°27'45", Sabine Parish, at bridge on State Highway 6, 0.2 mile northeast of Many, and 0.8 mile upstream from mouth.	3.16	1959-68‡, 1969-75	2-16-75	12.71	880
08025850	Pearl Creek at State Highway 111, at Burr Ferry, La.	Lat 31°04'32", long 93°29'22", Vernon Parish, at bridge 0.8 mile northeast of Burr Ferry.	9.66	1967-75	12-04-73 5-04-75	b5.05 6.88	(†) (†)
08026200	Red Bank Creek at Evans, La.	Lat 30°59'30", long 93°29'55", Vernon Parish, at bridge on State Highway 111, 0.4 mile northeast of Evans, and 2.8 miles upstream from mouth.	17.2	1966-75	5-30-75	18.55	(†)
08026700	West Anacoco Creek near Hornbeck, La.	Lat 31°18'00", long 93°22'10", Vernon Parish, at bridge on U.S. Highway 171, and 2.5 miles southeast of Hornbeck.	22.2	1950-68, 1975	5-04-75	15.19	(†)

Annual maximum discharge at crest-stage partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Sabine River basin--Continued					
08027550	Prairie Creek near Leesville, La.	Lat 31°10'40", long 93°16'30", Vernon Parish, at bridge on U.S. Highway 171, and 2.5 miles northwest of Leesville.	40.0	1949-68, 1975	5-04-75	42.63	(†)
08029700	Brushy Creek at Bancroft, La.	Lat 30°33'35", long 93°40'49", Beauregard Parish, at bridge on State Highway 389, and 0.8 mile south of Bancroft.	25.9	1954-68, 1975	1-08-75	13.71	(†)

< Less than amount shown.
† Discharge not determined.
‡ Operated as a continuous-record gaging station.
a Approximately.
b Corrected.
c For period 03-05-75 to 09-30-75.

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 1975

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
Pearl River basin						
Pearl River	Lake Borgne	Lat 30°18'10", long 89°38'30", St. Tammany Parish, at bridge on Interstate Highway 10, 8.8 miles east of Slidell, La.	a8,700	1961	4-20-74	b129,000
Mississippi River main stem						
Mississippi River	Gulf of Mexico	Lat 33°17'30", long 91°10'50", Chicot County, Ark.-Washington County State line, 6.6 miles below entrance to Greenville, Miss., harbor at mile 530.3.	1,108,460	--	7-29-75	391,000
Do	.....do.....	Lat 32°18'45", long 90°54'25", Madison Parish, La.-Warren County, Miss., State line, 1.5 miles below Interstate Highway 20 bridge, at Vicksburg, Miss.	c1,122,160	--	7-22-75 7-30-75	410,000 399,000
Do	.....do.....	Lat 31°00'30", long 91°37'25", at Concordia Parish, La.-Wilkinson County, Miss., State line, at Tarbert Landing, Miss., 2.5 miles upstream from Lower Old River.	c1,128,900	--	7-23-75	343,000
Do	.....do.....	Lat 30°30'25", long 91°11'55", East Baton Rouge-West Baton Rouge Parish line, at bridge on U.S. Highway 190, at Baton Rouge, La.	d1,129,810	1941-58e, 1973-74	1-28-75 1-29-75 3-25-75 3-28-75 4- 1-75 4- 5-75 4- 8-75 4-12-75 4-14-75 4-15-75 4-16-75 4-17-75 4-18-75 4-19-75 4-20-75 4-21-75 4-22-75 4-23-75 4-24-75 4-25-75 4-26-75 4-27-75 4-28-75 4-29-75 4-30-75 5- 1-75 5- 2-75 5- 3-75 5- 4-75 5- 5-75 5- 6-75 5- 7-75 5- 8-75 5- 9-75 5-10-75 5-11-75 5-12-75 5-13-75 5-14-75 5-15-75 5-16-75 5-17-75 5-18-75 5-19-75 5-20-75 5-21-75 5-22-75 5-23-75 7-24-75 8-18-75	728,000 697,000 998,000 1,060,000 996,000 1,180,000 1,180,000 1,180,000 1,240,000 1,210,000 1,260,000 1,210,000 1,220,000 1,180,000 1,230,000 1,270,000 1,190,000 1,200,000 1,110,000 1,080,000 1,060,000 1,000,000 997,000 998,000 907,000 904,000 929,000 891,000 845,000 879,000 885,000 908,000 934,000 938,000 925,000 971,000 967,000 1,020,000 969,000 967,000 949,000 949,000 978,000 1,000,000 965,000 960,000 924,000 907,000 356,000 270,000

See footnotes at end of table.

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Red River basin				
Cross Bayou	Cross Lake	Lat 32°29'30", long 93°56'30", Caddo Parish, at bridge on unimproved road 1.0 mile north of junction with Jefferson Page Road, 8.0 miles northwest of Shreveport, La.	51.3	1974	4-19-75	13.2
Shettleworth	.....do.....	Lat 32°34'00", long 93°56'30", Caddo Parish, at bridge on Blanchard-Longwood Road, 8.0 miles northwest of Shreveport, La.	9.84	1964-68f, 1974	4-19-75 4-30-75	2.19 36.6
Kitchen Creek	.....do.....	Lat 32°46'45", long 94°09'32", Caddo Parish, at bridge on secondary road, 2.2 miles south of junction with State Highway 49, and 2.5 miles south of Smithland, Tex.	34.3	1974	4-05-75	25.5
Harrison Bayou	.....do.....	Lat 32°39'45", long 94°07'25", Caddo Parish, at bridge located in Longhorn Ordinance Works, 2.7 miles east of Karnack, Tex.	43.6	1974	4-30-75	94.2
Black Bayou	Black Bayou Lake	Lat 32°58'30", long 94°01'40", Caddo Parish, at bridge on State Highway 168, 2.0 miles west of Rodessa, La.	114	1956-61f, 1974	4-05-75	62.1
State Line Creek	.....do.....	Lat 32°58'25", long 94°01'20", Caddo Parish, at bridge on State Highway 168, 1.5 miles west of Rodessa, La.	53.9	1974	4-05-75	127
Gray Branch	.....do.....	Lat 32°57'30", long 93°58'07", Caddo Parish, at bridge on Hosston-Rodessa Road, 2.0 miles southeast of Rodessa, La.	6.26	1974	4-05-75	3.72
Black Lake	.....do.....	Lat 32°52'55", long 93°53'50", Caddo Parish, at bridge on State Highway 2, 2.0 miles west of Hosston, La.	235	1970, 1974	4-30-75	369
Boone Creek	.....do.....	Lat 32°32'20", long 93°22'30", Webster Parish, at bridge on State Highway 164, 2.0 miles east of Doyline, La.	19.9	1964-67f, 1974	2-22-75	7.21
Brushy Creek	.....do.....	Lat 32°28'50", long 93°18'00", Webster Parish, at bridge on State Highway 7, 4.0 miles south of Sibley, La.	43.2	1954-63f, 1974	2-22-75	56.1
Clarke Bayou	.....do.....	Lat 32°26'15", long 93°26'45", Webster Parish, at bridge on secondary road 1.0 mile north of junction with State Highway 527, and 1.0 mile northwest of Koran, La.	108	1974	2-22-75	54.8
Toulon Bayou	.....do.....	Lat 32°23'20", long 93°20'50", Bienville Parish, at bridge on secondary road 4.5 miles west of junction with State Highway 7, and 5.5 miles northwest of Ringgold, La.	16.5	1974	2-22-75	8.71
Red Chute Bayou	Flat River	Lat 32°33'14", long 93°37'25", Bossier Parish, at bridge on U.S. Highway 80, 8.7 miles east of Shreveport, La.	--	1945, 1948	2-06-75 2-12-75 5-06-75	2,530 2,670 2,390
Black Lake Bayou	Black-Clear Lake Lake	Lat 32°05'35", long 93°09'37", Natchitoches Parish, at bridge on State Highway 155, and 4.9 miles southwest of Ashland, La.	--	1962, 1974	2-15-75	1,250
Grand Bayou	.....do.....	Lat 32°05'47", long 93°16'08", Red River Parish, at bridge on State Highway 784, 3.5 miles southeast of Coushatta, La.	--	1974	2-15-75	63.5
Caesar Creek	.....do.....	Lat 31°31'50', long 93°03'55", Natchitoches Parish, at bridge on State Highway 153, and 1.0 mile northwest of Creston, La.	10.5	1974	2-15-75	2.36
Hemphill Creek	Cotile Lake	Lat 31°15'39", long 92°45'17", Rapides Parish, at bridge on State Highway 3122, 1.6 miles above mouth of Indian Creek, and 4.1 miles west of Gardner, La.	8.53	1974	4-14-75	118
Indian Creek	Hemphill Creek	Lat 31°16'42", long 92°45'31", Rapides Parish, at bridge on unnumbered parish road, 0.7 mile above mouth of Hemphill Creek, and 6.0 miles southwest of Hotwells, La.	5.15	1974	4-14-75	56.6

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Red River basin--Continued				
Dyer Creek	Hemphill Creek	Lat 31°16'12", long 92°43'52", Rapides Parish, at culvert on State Highway 3122, 2.2 miles above mouth, and 2.5 miles west of Gardner, La.	3.36	1974	4-14-75	28.8
Cypress Creek	Bayou D'Arbonne Lake	Lat 32°39'35", long 92°35'15", Union Parish, at bridge on State Highway 822, 3.2 miles east of Unionville, La.	63.3	1954-65g, 1971, 1974	3-22-75	176
Middle Fork Bayou D'Arbonne	Bayou D'Arbonne	Lat 32°44'45", long 92°34'00", Union Parish, at bridge on secondary road, 2.7 miles northeast of junction with State Highway 151, and 5.1 miles northeast of Dubach, La.	214	1974	3-01-75 5-03-75	533 2,360
Camp Creek	.....do.....	Lat 32°51'30", long 92°32'20", Union Parish, at bridge on secondary road 2.0 miles east of junction with State Highway 550, and 7.4 miles northeast of Bernice, La.	20.0	1974	3-01-75 3-22-75 5-03-75	30.8 45.4 1,010
Stowe Creek	Bayou D'Arbonne Lake	Lat 32°40'20", long 92°28'20", Union Parish, at bridge on State Highway 151, 0.5 mile downstream from unnamed tributary, and 8.0 miles southwest of Farmerville, La.	a29	1954-68g 1955-63f 1974	1-11-75 3-01-75	485 84.6
Turkey Creek	Turkey Creek Lake	Lat 32°02'05", long 91°44'10", Franklin Parish, at bridge on State Highway 128, 0.7 mile east of Jigger, La. and 1.7 miles upstream from Little Turkey Creek.	62.0	--	4-14-75	46.7
Little Turkey Creek	.....do.....	Lat 32°03'51", long 91°41'30", Franklin Parish, at bridge on unnumbered parish road, 2.2 miles northwest of Gilbert, La. and 5.5 miles above mouth.	--	--	4-14-75	87.5
Little Turkey Creek tributary	.....do.....	Lat 32°00'32", long 91°41'57", Franklin Parish, at bridge on State Highway 876, 0.9 mile above mouth, and 3.4 miles southeast of Jigger, La.	(h)	1974	4-14-75	16.2
West Turkey Creek	.....do.....	Lat 32°02'15", long 91°45'18", Franklin Parish, at bridge on State Highway 128, 0.5 mile west of Jigger, La., and 5.1 miles downstream from mouth of Pine Creek.	35.8	--	4-14-75	233
Black River	Red River	Lat 31°16'18", long 91°49'42", Catahoula-Concordia Parish line, 2,000 ft above mouth, and 1.0 mile southwest of Acme, La.	24,509	--	8-25-75	32,400
		Gaspers Creek basin				
Gaspers Creek	Mississippi River	Lat 30°46'42", long 91°22'14", West Feliciana Parish, at culvert on Commerce Street at St. Francisville, La., and 1.5 miles above mouth.	1.30	--	4-14-75	90.1
		Bayou Baton Rouge basin				
Unnamed	Cypress Bayou	Lat 30°39'15", long 91°11'02", East Baton Rouge Parish, at culvert on State Highway 64, 1.8 miles above mouth and 2.4 miles west of Zachary, La.	1.22	--	4-14-75	265
Do.....	.....do.....	Lat 30°38'35", long 91°09'07", East Baton Rouge Parish, at culvert on State Highway 19, 0.3 miles south of Zachary, La., and 2.1 miles above mouth.	0.35	--	4-14-75	71
Do.....	.....do.....	Lat 30°37'49", long 91°09'35", East Baton Rouge Parish, at culvert on State Highway 19, 1.2 mile southwest of Zachary, La., and 1.0 mile above mouth.	1.04	--	4-14-75	182
		Mississippi River Delta				
Old River outflow channel	Atchafalaya River	Lat 31°04'40", long 91°35'50", Concordia Parish, at Corps of Engineers discharge range, 1.8 miles above mouth, 5.5 miles west of Old River Control Structure, and 5.6 miles west of Knox Landing, La.	(h)	--	5- 2-75 7-23-75 8-26-75	314,000 93,400 86,800

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Mississippi River Delta--Continued				
Unnamed	Comite River	Lat 30°38'05", long 91°06'34", East Baton Rouge Parish, at culvert on State Highway 67, 0.6 mile above mouth and 1.0 mile southwest of Fred, La.	1.36	--	4-14-75	212
Indian Bayou	Whites Bayou	Lat 30°40'50", long 91°08'09", East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 0.8 mile east of State Highway 19, 1.8 miles above mouth and 2.4 miles northeast of Zachary, La.	--	--	4-14-75	172
Atchafalaya River	Gulf of Mexico	Lat 30°58'57", long 91°47'54", Avoyelles-Pointe Coupee Parish line, at Kansas City Southern Railroad Co. bridge, 0.4 mile east of Simmesport, La., and 4.8 miles downstream from confluence of Red River and Old River.	(h)	1948-49, 1955j, 1973	8-26-75	137,000
Bayou Sorrel	Intracoastal Waterway, Plaquemine-Morgan City alternate route	Lat 30°08'03", long 91°26'14", Iberville Parish, 6.2 miles west of community of Bayou Sorrel, La.	(h)	--	8-27-75	2,910
Atchafalaya River	Gulf of Mexico	Lat 30°20'39", long 91°43'06", St. Martin Parish, 0.2 mile south of Atchafalaya, La.	(h)	--	8-27-75	12,200
Whiskey Bay Pilot Channel	Atchafalaya basin main channel	Lat 30°21'55", long 91°38'19", St. Martin-Iberville Parish line, at Interstate Highway 10 crossing, and 4.8 miles east of Atchafalaya, La.	(h)	--	8-27-75	120,000
Tensas Bay Splice	.....do.....	Lat 30°12'45", long 91°31'55", St. Martin Parish, 10 miles east of Catahoula, La.	(h)	--	8-27-75	1,190
Atchafalaya basin main channel	Gulf of Mexico	Lat 30°07'27", long 91°29'40", St. Martin Parish, 10.2 miles west of community of Bayou Sorrel, La.	(h)	--	8-28-75	113,000
Bayou L'Embarras	Lake Fausse Pointe cut	Lat 30°12'48", long 91°35'49", in SW¼NE¼ sec. 31, T.9 S., R.9 E., St. Martin Parish, 0.6 mile downstream from point of diversion from Bayou Rompe, and 7.0 miles east of Catahoula, La.	(h)	--	8-28-75	5,030
Bayou Crook Chene	.....do.....	Lat 30°08'31", long 91°32'12", St. Martin Parish, 11.5 miles east of Coteau Holmes, La.	(h)	--	8-27-75	1,350
Atchafalaya basin main channel	Gulf of Mexico	Lat 39°54'08", long 91°27'10", St. Mary Parish, 7.2 miles north of Franklin, La.	(h)	--	8-28-75	129,000
Grand Lake	Lower Atchafalaya River	Lat 29°53'33", long 91°27'19", St. Mary Parish, 7.1 miles north of Franklin, La.	(h)	--	8-29-75	10,700
Wax Lake Outlet	Gulf of Mexico	Lat 29°42'09", long 91°22'07", St. Mary Parish, at bridge on U.S. Highway 90, 0.5 mile west of Calumet, and 4.0 miles west of Patterson, La.	(h)	1956, 1973-74	3-27-75	149,000
					3-31-75	150,000
					4- 8-75	169,000
					4-12-75	178,000
					4-14-75	184,000
					4-15-75	182,000
					4-16-75	188,000
					4-17-75	205,000
					4-18-75	185,000
					4-19-75	185,000
					4-20-75	187,000
					4-21-75	175,000
					4-22-75	187,000
					4-23-75	188,000
					4-25-75	182,000
					4-26-75	180,000
					4-27-75	175,000
					4-28-75	176,000
					4-29-75	162,000
					4-30-75	162,000
					5- 1-75	158,000
					5- 2-75	149,000
					5- 3-75	145,000
					5- 4-75	147,000

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Mississippi River Delta--Continued				
Wax Lake Outlet--Continued	See preceding page.	See preceding page.			5- 5-75	147,000
					5- 6-75	144,000
					5- 7-75	142,000
					5- 8-75	142,000
					5- 9-75	145,000
					5-10-75	145,000
					5-12-75	146,000
					5-14-75	130,000
					5-16-75	129,000
					5-19-75	143,000
					5-21-75	145,000
					5-23-75	152,000
					5-28-75	146,000
					6- 3-75	138,000
					6-23-75	110,000
					6-26-75	105,000
Lower Atchafalaya River	Gulf of Mexico	Lat 29°41'47", long 91°12'39", St. Mary Parish, at bridge on U.S. Highway 90, at Morgan City, La.	(h)	1973-74	3-27-75	353,000
					3-31-75	372,000
					4- 8-75	430,000
					4-12-75	446,000
					4-14-75	488,000
					4-15-75	472,000
					4-16-75	458,000
					4-17-75	474,000
					4-18-75	498,000
					4-19-75	501,000
					4-20-75	501,000
					4-21-75	488,000
					4-22-75	511,000
					4-23-75	491,000
					4-25-75	439,000
					4-26-75	455,000
					4-27-75	456,000
					4-28-75	439,000
					4-29-75	422,000
					4-30-75	399,000
					5- 1-75	401,000
					5- 2-75	380,000
					5- 3-75	368,000
					5- 4-75	355,000
					5- 5-75	356,000
					5- 6-75	346,000
					5- 7-75	345,000
					5- 9-75	337,000
					5-10-75	336,000
					5-12-75	347,000
					5-14-75	370,000
					5-16-75	362,000
					5-20-75	357,000
					5-21-75	362,000
					5-22-75	362,000
					5-23-75	365,000
					5-28-75	343,000
					6- 3-75	307,000
					6-23-75	235,000
					6-27-75	221,000
Bayou Cocodrie	Cocodrie Lake	Lat 30°56'00", long 92°28'45", Rapides Parish, at bridge on unnumbered parish road, 1.5 miles above mouth of Turkey Creek, and 8.0 miles west of Glenmora, La.	72.1	1954-68g	4-17-75	72.8
Long Branch	Castor Creek	Lat 31°12'20", long 92°35'05", Rapides Parish, at bridge on unmarked parish road, 0.1 mile upstream from mouth, and 8.0 miles southwest of Alexandria, La.	k10.8	1959-72	10- 9-67	b14.5
Indian Creek	Bayou Boeuf	Lat 31°05'56", long 92°30'42", Rapides Parish, at bridge on U.S. Highway 165, 0.6 mile downstream from mouth of House Creek, and 3.3 miles southwest of Woodworth, La.	5.73	1969, 1972	4-14-75	43.4

Discharge measurements made at miscellaneous sites during water year 1975--Continued

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
		Calcasieu River basin				
Palmetto Creek	Bundick Creek	Lat 30°48'26", long 93°14'31", Beauregard Parish, at bridge on U.S. Highway 171, 0.6 mile above mouth, and 3.9 miles south of De Ridder, La.	17.6	1974	4-14-75	39.6
Deer Creek	Bundick Creek	Lat 30°47'18", long 93°10'19", Beauregard Parish, at bridge on parish road, 1.0 mile above mouth, and 9.4 miles southeast of De Ridder, La.	17.2	1974	4-14-75	67.0
Dry Branch	Bundick Lake	Lat 30°46'44", long 93°06'49", Beauregard Parish, at bridge on State Highway 1147, 2.1 miles above mouth, and 13.4 miles southeast of De Ridder, La.	4.04	1974	4-14-75	43.9
		Sabine River basin				
Bayou Toro	Sabine River	Lat 31°12'12", long 93°32'39", Sabine Parish, at bridge on Toledo Bend Dam road, 1.8 miles upstream from mouth, and 5.2 miles south of Toro, La.	a193	1966-72f	8-28-73 7-19-74	b30.3 b28.7
West Anacoco Creek	Vernon Lake	Lat 31°18'00", long 93°22'10", Vernon Parish, at bridge on U.S. Highway 171, 0.8 mile above mouth of Brushy Creek, and 2.5 miles southeast of Hornbeck, La.	222	1955f, 1957-58g, 1961f, 1963-68g, 1974g	1-17-75	29.9
Brushy Creek	West Anacoco Creek	Lat 31°18'18", long 93°23'10", Vernon Parish, at bridge on unmarked parish road, 1.5 miles above mouth, and 2.0 miles south of Hornbeck, La.	5.89	1974	1-17-75	9.56
East Anacoco Creek	Vernon Lake	Lat 31°15'36", long 93°18'50", Vernon Parish, at bridge on State Highway 111, 1.7 miles northeast of Anacoco, La., and 2.3 miles above mouth.	37.0	1974	1-17-75	50.5
Prairie Creek	Anacoco Lake	Lat 31°08'58", long 93°18'53", Vernon Parish, at bridge on State Highway 8, 2.4 miles above mouth, and 3.0 miles west of Leesville, La.	44.4	1953, 1974	1-17-75	52.1

a Approximately.
b Not previously published.
c Includes noncontributing area.
d Revised; contributing areas only.
e Operated as a continuous-record gaging station.
f Operated as a low-flow partial-record station.
g Operated as a crest-stage partial-record station.
h Drainage area indeterminate.
j Not published.
k Revised.

The following table contains annual maximum elevation for flood-profile stations. A flood-profile gage is a devide 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 1975

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
		Pearl River basin				
02490109	Bogue Lusa Creek at State Highway 60, at Bogalusa, La.	Lat 30°46'59", long 89°51'52", Washington Parish, at bridge 1.1 miles southeast of Bogalusa water tower.	75.0	1969-75	4-14-75	7.89
02490112	Bogue Lusa Creek at Richmond St., at Bogalusa, La.	Lat 30°46'53", long 89°51'18", Washington Parish, at bridge 1.3 miles southeast of Bogalusa water tower.	75.7	1969-75	4-14-75	79.20
02490125	Coburn Creek at Van Buren St., at Bogalusa, La.	Lat 30°47'45", long 89°51'58", Washington Parish, at bridge 0.4 mile southeast of Bogalusa water tower.	6.79	1969-75	4-14-75	13.47
02490126	Coburn Creek at Memorial Dr., at Bogalusa, La.	Lat 30°47'44", long 89°51'33", Washington Parish, at bridge 0.3 mile south of Bogalusa water tower.	6.95	1969-75	4-14-75	19.36
02490127	Coburn Creek at Austin St., at Bogalusa, La.	Lat 30°47'37", long 89°51'33", Washington Parish, at bridge 0.4 mile southeast of Bogalusa water tower.	7.10	1969-75	4-14-75	18.03
02490129	Coburn Creek at Poplas St., at Bogalusa, La.	Lat 30°47'41", long 89°51'10", Washington Parish, at bridge 0.6 mile southeast of Bogalusa water tower.	7.57	1969-75	4-14-75	11.52
02490133	Coburn Creek at State Highway 10, at Bogalusa, La.	Lat 30°47'32", long 89°50'12", Washington Parish, at bridge, 1.6 miles southeast of Bogalusa water tower.	8.70	1969-75	4-14-75	15.37
02491800	Bogue Chitto at Enon, La.	Lat 30°43'10", long 90°05'00", St. Tammany Parish, at bridge 0.5 mile south of Enon.	1,107	1949-63, 1974-75	5-09-75	16.47
02492663	French Branch near Slidell, La.	Lat 30°17'40", long 89°44'10", St. Tammany Parish, at bridge on State Highway 1092, and 3.5 miles northeast of Slidell.	--	1966-75	3-18-75	9.55
		Red River basin				
07348010	Twelvemile Bayou below Dixie, La.	Lat 32°36'25", long 93°48'35", Caddo Parish, at bridge on U.S. Highway 71, and 6.0 miles southeast of Dixie.	--	1962-75	2-09-75	162.43
07348105	McCain Creek at Pine Hills Rd., near Shreveport, La.	Lat 32°35'01", long 93°49'34", Caddo Parish, at bridge 6.7 miles northwest of Shreveport court house.	--	1963-75	1975	<175.80
07348120	McCain Creek at Cooper Rd., near Shreveport, La.	Lat 32°33'11", long 93°47'30", Caddo Parish, at bridge 3.7 miels northwest of Shreveport court house.	--	1963-75	1975	<157.80
07349363	Macks Bayou tributary No. 2, at Bossier City, La.	Lat 32°32'33", long 93°42'30", Bossier Parish, at bridge on Airline Dr., 2.1 miles northeast of Bossier City Post Office.	--	1963-75	5-03-75	164.58
07349365	Macks Bayou at Bossier City, La.	Lat 32°31'59", long 93°40'24", Bossier Parish, at bridge on U.S. Highway 80, 3.3 miles northeast of Bossier City Post Office.	--	1963-75	1975	<160.90
07349368	Macks Bayou tributary No. 3, at Bossier City, La.	Lat 32°31'20", long 93°41'31", Bossier Parish at bridge on Old Minden Rd., 2.1 miles east of Bossier City Post Office.	--	1963-75	1975	<162.90
07349369	Macks Bayou at North Gate Rd., at Bossier City, La.	Lat 32°30'39", long 93°40'56", Bossier Parish, 500 ft west of Barksdale Air Force Base fence at North Gate Rd. at Bossier City.	--	1966-75	5-15-75	159.91
07349380	Flat River at Taylortown, La.	Lat 32°23'20", long 93°35'15", Bossier Parish, at bridge on State Highway 527, and 0.5 mile east of Taylortown.	95.8	1960-62a, 1963-75	2-01-75 5-04-75	143.33 143.43
07349400	Flat River near Elm Grove, La.	Lat 32°19'45", long 93°31'20", Bossier Parish, at bridge on State Highway 157, and 2.2 miles southeast of Elm Grove.	112	1960-75	2-01-75 5-04-75	141.99 141.80
07349590	Ivan Lake near Cotton Valley, La.	Lat 32°49'45", long 93°29'20", Bossier Parish, at bridge 100 ft above dam, and 4.0 miles west of Cotton Valley.	37.8	1960-65a, 1966-75	1-10-75	201.94

See footnotes at end of table.

Annual maximum elevation at flood-profile partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
		Red River basin--Continued				
07349785	Little Cypress Bayou at State Highway 3, at Plain Dealing, La.	Lat 32°54'55", long 93°42'15", Bossier Parish, at bridge 0.6 mile northwest of Plain Dealing.	--	1963-75	1975	<276.2
07349787	Little Cypress Bayou tributary at Plain Dealing, La.	Lat 32°54'30", long 93°42'15", Bossier Parish, at bridge on State Highway 3, 0.7 mile northwest of Plain Dealing.	--	1963-75	1975	<265.3
07349790	Little Cypress Bayou at Plain Dealing, La.	Lat 32°54'05", long 93°41'55", Bossier Parish, at bridge on unnamed street 0.3 mile downstream from State Highway 3, and 0.3 mile southeast of Plain Dealing.	--	1963-75	6-10-75	260.03
07349860	Red Chute Bayou at Sligo, La.	Lat 32°26'50", long 93°35'40", Bossier Parish, at bridge on State Highway 612, and 0.5 mile west of Sligo.	980	1960-62a, 1963-75	2-03-75	151.66
07349890	Red Chute Bayou near Elm Grove, La.	Lat 32°21'45", long 93°30'10", Bossier Parish, at bridge on State Highway 154, and 3.0 miles northeast of Elm Grove.	1,004	1960-75	2-03-75	142.63
07349900	Swan Lake near Elm Grove, La.	Lat 32°16'55", long 93°27'05", Bossier Parish, at bridge on parish road, 7.5 miles southeast of Elm Grove.	1,020	1961-75	2-03-75	141.81
07350300	Coushatta Bayou near Crichton, La.	Lat 32°07'10", long 93°24'10", Red River Parish, at bridge on State Highway 515, 1.8 miles east of Crichton.	15.9	1960-75	11-13-74	131,11
07350700	Bayou Pierre at Shreveport, La.	Lat 32°27'20", long 93°44'05", Caddo Parish, at bridge on Pierremont Rd., 3.4 miles southeast of Shreveport city hall.	--	1960-75	12-08-74 1-11-75 3-03-75 5-17-75 6-11-75	<152.1 152.29 <152.1 <152.1 <152.1
07350800	Bayou Pierre at Forbing, La.	Lat 32°23'35", long 93°43'25", Caddo Parish, at bridge on State Highway 526, 0.6 mile northeast of Forbing, and 8.1 miles south of Shreveport Post Office.	b19	1960-65a, 1967-75	12-08-74 1-11-75 3-03-75 5-16-75 6-11-75	143.15 143.09 142.1 142.67 <142.1
07350820	Sand Beach Bayou at Shreveport, La.	Lat 32°26'35", long 93°43'27", Caddo Parish, at bridge on East 70th St., 4.3 miles southeast of Shreveport city hall.	--	1963-64,	1975	†< 42.6
07350840	Sand Beach Bayou near Shreveport, La.	Lat 32°24'03", long 93°42'26", Caddo Parish, at bridge on State Highway 526, 7.4 miles southeast of Shreveport city hall.	--	1963-75	1975	<150.4
07350900	Bayou Pierre near Robson, La.	Lat 32°22'25", long 93°40'30", Caddo Parish, at bridge on Leonard Rd., and 2.0 miles northwest of Robson.	26.0	1960-75	12-08-74 1-11-75 3-03-75 5-17-75 6-11-75	135.44 Unknown <138.1 <138.1 <138.1
07351200	Brush Bayou at Shreveport, La.	Lat 32°26'23", long 93°46'52", Caddo Parish, at Southern Pacific Railway bridge, 4.9 miles southwest of Shreveport city hall.	b3.4	1960-75	10-28-74	187.22
07351580	Bayou Pierre near Abington, La.	Lat 32°08'10", long 93°31'05", De Soto-Red River Parish line, at bridge on State Highway 509, and 2.9 miles northwest of Abington.	406	1960-65a, 1966-75	12-06-74 1-11-75 3-03-75 5-16-75 6-11-75	121.87 Unknown 120.03 <119.5 120.91

Annual maximum elevation at flood-profile partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
		Red River basin--Continued				
07351740	Bayou Pierre at Evelyn, La.	Lat 31°59'20", long 93°26'30", De Soto-Red River Parish line at bridge on State Highway 177, and 0.2 mile northeast of Evelyn.	707	1950-65a, 1966-75	12-06-74 1-11-75 3-03-75 5-16-75 6-11-75	<116.0 <116.0 <116.0 117.23 <116.0
07351750	Bayou Pierre near Lake End, La.	Lat 31°53'40", long 93°20'30", Natchitoches-Red River Parish line, at bridge on State Highway 174, and 2.9 miles southwest of Lake End.	860	1950-75	12-08-74 1-11-75 3-03-75 5-17-75 6-11-75	108.98 110.82 108.57 112.23 <107.5
07352150	Saline Lake near Clarence, La.	Lat 31°51'10", long 92°56'10", Natchitoches-Winn Parish line, 100 ft left of spillway, and 5.9 miles northeast of Clarence.	(‡)	1960-75	6-12-75	107.73
07352410	Kepler Lake near Castor, La.	Lat 32°18'40", long 93°09'30", Bienville Parish, at dam on Kepler Lake, 5.0 miles north of Castor.	46.2	1960-65c, 1966-75	6-11-75	178.23
07352900	Saline Bayou at Allen Dam, near Clarence, La.	Lat 31°51'05", long 92°56'45", Natchitoches Parish, on right bank upstream wing wall of spillway, and 5.3 miles northeast of Clarence.	1,325	1960-75	6-12-75	105.81
07354740	Old River at Montrose, La.	Lat 31°34'25", long 92°59'40", Natchitoches Parish, at bridge on State Highway 1 at Montrose.	471	1960-65c, 1966-75	5-06-75	100.85
07354780	Cane River near Cloutierville, La.	Lat 31°33'15", long 92°53'20", Natchitoches Parish, on left bank at south end of drainage canal and floodgates on State Highway 495, and 2.2 miles northeast of Cloutierville	583	1960-75	5-06-75	96.00
07355400	Bayou Marteau near Rock Hill, La.	Lat 31°25'30", long 92°35'50", Grant Parish, at bridge on parish road, 2.2 miles southwest of Rock Hill, and 5.0 miles northeast of Boyce.	--	1960-75	5-06-75	84.39
07355475	Bayou Rapides near Alexandria, La.	Lat 31°18'43", long 92°33'38", Rapides Parish, at bridge on parish road, 12.2 miles upstream from Red River, and 6.9 miles west of Alexandria city hall.	--	1963-65, 1968-75	1975	<81.90
07355490	Bayou Rapides at control structure at Alexandria, La.	Lat 31°17'59", long 92°29'42", Rapides Parish, 100 ft north of State Highway 496, and 3.1 miles west of Alexandria city hall.	72.0	1963-75	5-04-75	76.15
07371600	Dugdemona River near Dodson, La.	Lat 32°07'22", long 92°48'24", Winn Parish, at bridge on State Highway 126, and 9.1 miels northwest of Dodson.	412	1959-75	5-05-75	119.19
		Bayou Baton Rouge basin				
07373970	Baker Canal at Baker, La.	Lat 30°35'19", long 91°10'24", East Baton Rouge Parish, at bridge on parish road, 0.3 mile west of Baker.	--	1962-75	1-08-75	67.85
07373980	Baker Canal near Baker, La.	Lat 30°34'49", long 91°12'43", East Baton Rouge Parish, at bridge on U.S. Highway 61, 2.7 miles southwest of Baker.	--	1962-75	1-08-75	55.25
07373993	Monte Sano Bayou at Ryan Airport, at Baton Rouge, La.	Lat 30°32'08", long 91°09'92", East Baton Rouge Parish, at bridge on service road at Ryan Airport, 6.1 miles north of Baton Rouge, La. Post Office.	--	1975	11-20-74 1-07-75 4-14-75 4-30-75	†13.54 †12.52 †13.54 †13.39

Annual maximum elevation at flood-profile partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
		Bayou Baton Rouge basin--Continued				
07373996	Monte Sano Bayou at Baton Rouge, La.	Lat 30°30'10", long 91°10'12", East Baton Rouge Parish, at bridge on U.S. Highway 61 at Baton Rouge, La.	--	1975	11-20-74 1-07-75 4-14-75 4-30-75	+ 7.05 + 9.44 + 8.70 +11.81
		Mississippi River Delta				
07374570	Oakes diversion channel at Slidell, La.	Lat 30°17'35", long 89°46'00", St. Tammany Parish, at culvert on Roberts Rd., 0.4 mile north of Couss Road at Slidell.	--	1966-75	3-18-75	6.49
07374700	Tchefuncta River near Franklinton, La.	Lat 30°45'22", long 90°15'52", Washington Parish, at bridge on State Highway 16, 9 miles southwest of Franklinton.	53.1	1949-68, 1975	4-15-75	45.98
07375410	Tangipahoa River at Tangipahoa, La.	Lat 30°52'36", long 90°29'44", Tangipahoa Parish, at bridge on State Highwy 1057, and 1.0 mile east of Tangipahoa.	340	1959-65, 1967-75	5-10-75	20.88
07375420	Tangipahoa River at Arcola, La.	Lat 30°46'36", long 90°29'53", Tangipahoa Parish, at bridge on State Highway 10, and 0.7 mile east of Arcola.	381	1959-65, 1967-75	5-10-75	22.25
07377150	Amite River at Grangeville, La.	Lat 30°44'10", long 90°50'30", East Feliciana-St. Helena Parish line, at bridge on State Highway 37, and 0.5 mile southwest of Grangeville.	741	1951-63a,	6-09-75	110.91
07377215	Little Sandy Creek near Milldale, La.	Lat 30°42'34", long 91°01'26", East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 2.9 miles north of Milldayle, La.	--	1975	1-09-75	+13.08
07377400	Comite River near Clinton, La.	Lat 30°51'30", long 91"02'20", East Feliciana Parish, at bridge on State Highway 10, and 1.3 miles west of Clinton.	d112	1949-65a, 1969-75	1-07-75 6-09-75	176.89 177.81
07377750	Comite River near Zachary, La.	Lat 30°38'35", long 91°05'40", East Baton Rouge Parish, at bridge on State Highway 64, and 3.7 miles east of Zachary.	230	1951-63a, 1964-75	1-08-75 6-09-75	82.38 81.86
07377760	Comite River at Comite Drive, near Baton Rouge, La.	Lat 30°33'24", long 91°05'53", East Baton Rouge Parish, at bridge 9.0 miles northeat of Baton Rouge Post Office.	--	1962-75	1-08-75 6-09-75	52.91 <50.62
07377780	White Bayou at State Highway 64, near Zachary, La.	Lat 30°38'10", long 91°07'38", East Baton Rouge Parish, at bridge 1.1 miles east of Zachary.	--	1962-75	1-08-75	88.75
07377840	White Bayou near Baton Rouge, La.	Lat 30°35'06", long 91°07'31", East Baton Rouge Parish, at bridge on Plank Rd., 10.0 miles northeast of Baton Rouge Post Office.	--	1962-75	1-08-75	<68.58
07377890	Cypress Bayou at Baker, La.	Lat 30°34'31", long 91°10'01", East Baton Rouge Parish, at bridge on Lavey Lane, 0.2 mile east of State Highway 19 at Baker.	--	1967-75	4-30-75	<67.50
07377900	Cypress Bayou at Plank Rd., near Baton Rouge, La.	Lat 30°32'32", long 91°08'18", East Baton Rouge Parish, at bridge 6.9 miles northeast of Baton Rouge Post Office.	--	1962-65, 1967-75	4-30-75	50.36
07377920	Cypress Bayou at Hooper Rd., near Baton Rouge, La.	Lat 30°31'42", long 91°06'35", East Baton Rouge Parish, at bridge 7.0 miles northeast of Baton Rouge Post Office.	--	1962-75	4-30-75	44.32

Annual maximum elevation at flood-profile partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
		Mississippi River Delta--Continued				
07377933	Blackwater Bayou near Fred, La.	Lat 30°35'52", long 91°04'46", East Baton Rouge Parish, at bridge on Dyer Rd., 3.8 miles southeast of Fred.	--	1975	1-08-75	†11.08
07377940	Blackwater Bayou near Baton Rouge, La.	Lat 30°32'06", long 91°04'53", East Baton Rouge Parish, at bridge on Hooper Rd., 8.5 miles northeast of Baton Rouge Post Office.	14.1	1962-75	1975	<50.43
07378008	Hurricane Creek at Baton Rouge, La.	Lat 30°28'55", long 91°07'41", East Baton Rouge Parish, at bridge on East Brookstown Dr., 3.9 miles northeast of Baton Rouge Post Office.	--	1967-75	4-30-75	41.54
07378010	Hurricane Creek near Baton Rouge, La.	Lat 30°29'14", long 91°05'20", East Baton Rouge Parish, at bridge on Joor Rd., 6.2 miles northeast of Baton Rouge Post Office.	--	1962-75	4-30-75	<40.62
07378015	Roberts Canal at Baton Rouge, La.	Lat 30°30'22", long 91°07'31", East Baton Rouge Parish, at bridge on Silver Leaf Ave., 5.3 miles northeast of Baton Rouge Post Office.	--	1967-75	1975	†< 7.31
07378020	Roberts Canal near Baton Rouge, La.	Lat 30°29'55", long 91°05'17", East Baton Rouge Parish, at bridge on Joor Rd., 6.6 miles northeast of Baton Rouge Post Office.	--	1962-75	1975	<40.95
07378050	Comite River at Greenwell Springs Rd., near Baton Rouge, La.	Lat 30°30'20", long 91°02'24", East Baton Rouge Parish, at bridge 9.4 miles northeat of Baton Rouge Post Office.	--	1962-75	1-07-75 6-09-75	37.17 34.98
07378075	Beaver Bayou at Denham Rd., near Baton Rouge, La.	Lat 30°35'15", long 91°01'29", East Baton Rouge Parish, at culvert 13.7 miles northeat of Baton Rouge Post Office.	--	1973-75	1-07-75 4-30-75	†14.14 (‡)
07378100	Beaver Bayou at Wax Rd., near Baton Rouge, La.	Lat 30°32'34", long 91°01'14", East Baton Rouge Parish, at culvert 11.8 northeast of Baton Rouge Post Office.	--	1972-75	1-07-75 4-30-75	†15.25 †16.82
07378595	Jones Creek at Airline Hwy., at Baton Rouge, La.	Lat 30°27'12", long 91°05'15", East Baton Rouge Parish, at culvert 5.1 miles northeast of Baton Rouge Post Office.	--	1967-75	4-14-75	† 6.39
07378600	Jones Creek at Florida Blvd., at Baton Rouge, La.	Lat 30°27'21", long 91°04'29", East Baton Rouge Parish, at bridge 6.5 miles east of Baton Rouge Post Office.	--	1962-75	4-14-75	43.31
07378635	Lively Bayou northeast of Baton Rouge, La.	Lat 30°28'14", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Rd., 9.0 miles northeast of Baton Rouge Post Office.	--	1967-75	4-14-75	† 8.08
07378640	Lively Bayou east of Baton Rouge, La.	Lat 30°27'40", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Rd., 8.9 miles east of Baton Rouge Post Office.	--	1967-75	4-14-75	40.19
07378645	Lively Bayou southeast of Baton Rouge, La.	Lat 30°26'47", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Rd., 8.8 miles southeast of Baton Rouge Post Office.	--	1967-75	4-14-75	37.81
07378650	Jones Creek at Old Hammond Hwy., near Baton Rouge, La.	Lat 30°26'26", long 91°02'40", East Baton Rouge Parish, at bridge 8.4 miles east of Baton Rouge Post Office.	--	1962-75	4-14-75	37.91

Annual maximum elevation at flood-profile partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
		Mississippi River Delta--Continued				
07378670	Weiner Creek near Baton Rouge, La.	Lat 30°25'08", long 91°03'55", East Baton Rouge Parish, at bridge on Aubin Lane, 7.3 miles southeast of Baton Rouge Post Office.	--	1967-75	4-14-75	†10.34
07378700	Jones Creek near Woodlawn School, near Baton Rouge, La.	Lat 30°24'50", long 91°00'50", East Baton Rouge Parish, at bridge on Jones Creek Rd., 1.6 miles north of Woodlawn School, and 10.5 miles east of Baton Rouge Post Office.	19.5	1967-75	4-14-75	26.03
07378710	Amite River near Baton Rouge, La.	Lat 30°23'52", long 90°58'23", East Baton Rouge Parish, 3,400 ft downstream from Jones Breek, and 13 miles southeast of Baton Rouge Post Office.	--	1968-75	5-10-75	21.80
07378720	Clay Cut Bayou at Siegen Lane, near Baton Rouge, La.	Lat 30°23'46", long 91°03'20", East Baton Rouge Parish, at bridge 7.9 miles southeast of Baton Rouge Post Office.	--	1967-75	8-01-75	23.28
07378725	Clay Cut Bayou near Hope Villa, La.	Lat 30°22'23", long 90°58'10", East Baton Rouge Parish, at bridge on Tiger Bend Rd., 2.3 miles northeast of Hope Villa.	--	1967-75	8-01-75	16.47
07378780	Bayou Fountain at Ben Hur Rd., at Baton Rouge, La.	Lat 30°23'30", long 91°09'36", East Baton Rouge Parish, at bridge 4.2 miles southeast of Baton Rouge Post Office.	--	1962-75	4-14-75	18.23
07378800	Bayou Fountain at Gardere Lane, near Baton Rouge, La.	Lat 30°21'52", long 91°07'16", East Baton Rouge Parish, at bridge 6.9 miles southeast of Baton Rouge Post Office.	--	1962-66, 1969-75	4-14-75	14.43
07378805	Bayou Fountain tributary near Baton Rouge, La.	Lat 30°21'00", long 91°04'54", East Baton Rouge Parish, at culvert on Highland Rd., 9.1 miles southeast of Baton Rouge Post Office.	--	1967-75	4-14-75	11.26
07379010	Ward Creek at College Drive at Baton Rouge, La.	Lat 30°26'08", long 91°07'59", East Baton Rouge Parish, at bridge 3.5 miles southeast of Baton Rouge Post Office.	--	1967, 1969-75	4-14-75	39.95
07379050	Ward Creek at Essen Lane near Baton Rouge, La.	Lat 30°24'17", long 91°06'12", East Baton Rouge Parish, at bridge 5.7 miles southeast of Baton Rouge Post Office.	--	1962-71, 1975	4-14-75	27.91
07379090	North Branch Ward Creek at Goodwood Blvd., at Baton Rouge, La.	Lat 30°26'34", long 91°05'57", East Baton Rouge Parish, at bridge 5.5 miles southeast of Baton Rouge Post Office.	--	1967-75	1-07-75 8-01-75	38.01 40.91
07379100	North Branch Ward Creek at Baton Rouge, La.	Lat 30°25'04", long 91°05'29", East Baton Rouge Parish, at bridge on Jefferson Hwy., 5.9 miles southeast of Baton Rouge Post Office.	--	1962-75	1-07-75 8-01-75	28.92 <28.45
07379400	Dawson Creek at Perkins Rd., at Baton Rouge, La.	Lat 30°24'37", long 91°07'53", East Baton Rouge Parish, 4.1 miles southeast of Baton Rouge Post Office.	--	1962-75	1-07-75	21.78
07379502	Corporation Canal at Oklahoma St., at Baton Rouge, La.	Lat 30°26'05", long 91°11'12", East Baton Rouge Parish, at bridge 1.0 mile south of Baton Rouge Post Office.	b.56	1971-75	4-14-75	25.74

Annual maximum elevation at flood-profile partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
		Mississippi River Delta--Continued				
07379503	Corporation Canal at East Roosevelt St. at Baton Rouge, La.	Lat 30°25'18", long 91°10'36", East Baton Rouge Parish, at bridge 2.0 miles southeast of Baton Rouge Post Office.	b1.31	1971-75	4-14-75	23.77
07379505	Corporation Canal at Chimes St., at Baton Rouge, La.	Lat 30°25'02", long 91°10'22", East Baton Rouge Parish, at bridge 2.4 miles southeast of Baton Rouge Post Office.	b1.44	1971-75	4-14-75	23.27
07379507	Corporation Canal at Campus Drive, at Baton Rouge, La.	Lat 30°24'14", long 91°10'15", East Baton Rouge Parish, at bridge 2.7 miles southeast of Baton Rouge Post Office.	b1.64	1971-75	4-14-75	21.84
07379508	Corporation Canal at Stanford Ave., at Baton Rouge, La.	Lat 30°24'24", long 91°09'52", East Baton Rouge Parish, at culvert 3.2 miles southeast of Baton Rouge Post Office.	b2.43	1971-74	4-14-75	21.28
07379550	Bayou Duplanier at Lee Drive, at Baton Rouge, La.	Lat 30°24'05", long 91°09'09", East Baton Rouge Parish, at bridge 3.8 miles south of Baton Rouge Post Office.	--	1962-75	4-14-75	21.22
07379950	Dawson Creek at Staring Lane, near Baton Rouge, La.	Lat 30°23'19", long 91°06'42", East Baton Rouge Parish, at bridge 6.0 miles southeast of Baton Rouge Post Office.	--	1962-75	4-14-75	21.28
07380000	Ward Creek at Siegen Lane, near Baton Rouge, La.	Lat 30°22'30", long 91°04'10", East Baton Rouge Parish, at bridge 0.5 mile downstream from Dawson Creek, and 8.5 miles southeast of Baton Rouge Post Office.	40.0	1947-54c, 1955-68a, 1972-74	4-14-75	20.12
07380223	New River at Gonzales, La.	Lat 30°14'12", long 90°54'43", Ascension Parish, at bridge on U.S. Highway 61, 0.5 mile northeast of Gonzales water tower.	--	1963-75	1975	< 7.76
07380226	Bayou Francois near Gonzales, La.	Lat 30°13'57", long 90°56'49", Ascension Parish, at bridge on State Highway 429, 1.8 miles west of Gonzales water tower.	--	1963-73	1975	<14.62
07380227	Bayou Francois at Gonzales, La.	Lat 30°13'35", long 90°55'14", Ascension Parish, at bridge on State Highway 44, 0.4 mile southwest of Gonzales water tower.	--	1963-75	1975	< 7.55
07382256	Bayou Rapides-Boeuf-Cocodrie diversion Channel at Alexandria, La.	Lat 30°17'43", long 92°29'38", Rapides Parish, at bridge on State Highway 28, 3.2 miles west of Alexandria city hall.	--	1963-74	5-04-75	11.20
07382257	Bayou Rapides-Boeuf-Cocodrie diversion channel at State Highway 488, near Alexandria, La.	Lat 31°15'37", long 92°31'13", Rapides Parish, at bridge 5.7 miles southwest of Alexandria city hall.	--	1963-75	5-04-75	68.51
07382258	Bayou Rapides-Boeuf-Cocodrie diversion channel at U.S. Highway 165, near Alexandria, La.	Lat 31°13'39", long 92°29'49", Rapides Parish, at bridge 6.5 miles southwest of Alexandria city hall.	--	1963-75	5-04-75	<69.22
07382700	Bayou Carron at Washington, La.	Lat 30°36'55", long 92°03'50", St. Landry Parish, at bridge on State Highway 10, at southwestern edge of Washington.	82.6	1956-57e, 1960e, 1962-68e, 1973-75	5-04-75	46.89
07382840	Hynson Bayou at Bringhurst Park, at Alexandria, La.	Lat 31°17'19", long 92°27'16", Rapides Parish, on right bank just below bridge on Masonic Drive, 1.7 miles south of Alexandria city hall.	--	1963-75	1975	75.32

Annual maximum elevation at flood-profile partial-record stations during water year 1975--Continued

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Flood peak	
					Date	Elevation (feet above mean sea level)
		Mississippi River Delta--Continued				
07382850	Horseshow Drainage Canal at Packing House Rd., at Alexandria, La.	Lat 31°16'25", long 92°26'15", Rapides Parish, at bridge 2.6 miles south of Alexandria city hall.	--	1960-75	5-04-75	70.51
07382855	Hynson Bayou at Midway St., at Alexandria, La.	Lat 31°16'15", long 92°25'22", Rapides Parish, at bridge 3.1 miles southeast of Alexandria city hall.	--	1963-75	5-04-75	70.52
07382865	Persimmon Bayou near Alexandria, La.	Lat 31°13'45", long 92°22'51", Rapides Parish, at Texas and Pacific Railway bridge, just downstream from State Highway 1, and 6.7 miles southeast of Alexandria city hall.	--	1963-75	5-04-75	66.67
07383000	Chatlin Lake Canal near LeCompte, La.	Lat 31°07'10", long 92°20'40", Rapides Parish, at bridge on State Highway 457, and 3.7 miles northeast of LeCompte.	75.9	1943-58c, 1960, 1962-75	5-05-75	60.34
07384100	Turners Bayou Canal near Woodside, La.	Lat 30°51'06", long 91°51'20", Avoyelles Parish, at bridge on unnumbered parish road, 0.8 mile north of Woodside.	--	1973-75	5-04-75	† 8.68
		Mermentau River basin				
08012445	Bayou Chene near Welsh, La.	Lat 30°09'24", long 92°46'06", Jefferson Davis Parish, at bridge on parish road, 6.0 miles southeast of Welsh.	106	1969-75	7-11-75	†17.55
		Calcasieu River basin				
08012600	Calcasieu River near Slagle, La.	Lat 31°13'30", long 93°06'05", Vernon Parish, at bridge on State Highway 8, and 2.2 miles northeast of Slagle.	48.1	1959-75	5-04-75	15.01
		Sabine River basin				
08025700	Sandy Creek near Burr Ferry, La.	Lat 31°08'30", long 93°31'10", Vernon Parish, at bridge on State Highway 111, 5.3 miles northwest of Burr Ferry, La.	33.7	1964-75	5-04-75	110.30

< Less than amount shown.
† Gage datum; mean sea level of gage not determined.
‡ Drainage area indeterminate.
a Operated as a crest-stage partial-record station.
b Approximately
c Operated as a continuous-record gaging station.
d Including Pretty Creek.
e Operated as a low-flow partial-record station.

Castor Creek seepage investigation

On Oct. 18, 1974, a series of related discharge measurements were made in the Castor Creek basin, beginning with Clear Creek southwest of Alexandria and ending with Loving Creek southwest of Alexandria. The investigations were made during a period of low flow to obtain information on gains and losses within the reach.

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
Clear Creek	Castor Creek	Lat 31°11'28", long 92°37'23", Rapides Parish, at bridge on Forest Road 240, 0.8 mile upstream from mouth and 10 miles southwest of Alexandria.	4.41	1969,72	10-18-74	3.86
Brushy Creek	.....do.....	Lat 31°10'59", long 92°37'00", Rapides Parish, at bridge on Forest Road 240, 0.7 mile upstream from mouth of Clear Creek and 10.2 miles southwest of Alexandria.	2.24	1969,72	10-18-74	2.46
Castor Creek	Bayou Boeuf	Lat 31°12'12", long 92°35'56", Rapides Parish, at bridge on unmarked parish road, 0.1 mile above mouth of Cypress Branch and 8.5 miles southwest of Alexandria.	8.10	1969,70	10-18-74	8.74
Do.....	.....do.....	Lat 31°12'25", long 92°35'30", Rapides Parish, at bridge on unmarked parish road, 0.6 mile below mouth of Cypress Branch and 8.0 mile southwest of Alexandria.	a10.5	1959-67, 1969-72	10-18-74	8.71
Long Branch	Castor Creek	Lat 31°10'09", long 92°35'05", Rapides Parish, at bridge on Forest Road 275, 1.5 miles upstream from mouth of Little Brushy Creek, and 10.5 miles southwest of Alexandria.	4.86	1969,72	10-18-74	5.99
Do.....	.....do.....	Lat 31°11'24", long 92°35'39", Rapides Parish, in sec. 32, T.3 N., R.2 W., 1.2 miles upstream from mouth and 9.2 miles southwest of Alexandria.	5.98	1969,72	10-18-74	7.05
Little Brushy Creek	Long Branch	Lat 31°11'25", long 92°35'43", Rapides Parish, in sec. 32, T.3 N., R.2 W., 0.1 mile upstream from mouth and 9.2 miles southwest of Alexandria.	3.93	1969,72	10-18-74	3.43
Long Branch	Castor Creek	Lat 31°12'20", long 92°35'05", Rapides Parish, at bridge on unmarked parish road, 0.1 mile upstream from mouth and 8.0 miles southwest of Alexandria.	a10.8	1959-72	10-18-74	9.35
Loving Creek	.....do.....	Lat 31°12'10", long 92°34'40", Rapides Parish, on unmarked forest road, 0.5 mile upstream from mouth and 8.0 miles southwest of Alexandria.	a4.96	1959-72	10-18-74	3.97

a Revised.

Spring Creek seepage investigation

On Oct. 18, 1974, a series of related discharge measurements were made in the Spring Creek basin, beginning with Spring Creek northwest of Elmer and ending with Spring Creek west of Longleaf. The investigations were made during a period of low flow to obtain information on gains and losses within the reach.

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements	
					Date	Discharge (cfs)
Spring Creek	Bayou Cocodrie	Lat 31°09'33", long 92°41'10", Rapides Parish, at bridge on State Highway 488, 2.0 miles northwest of Elmer, and 3.1 miles upstream from mouth of Bill Creek.	7.67	1969, 1972	10-18-74	0
Do.....	.....do.....	Lat 31°08'15", long 92°40'47", Rapides Parish, in sec. 21, T.2 N., R.3 W., 0.6 mile northwest of Elmer and, 1.2 miles upstream from mouth of Bill Creek.	10.9	1969, 1972	10-18-74	a.01
Do.....	.....do.....	Lat 31°07'52", long 92°40'36", Rapides Parish, at bridge on State Highway 112, 0.2 mile east of Elmer, and 0.8 mile upstream from mouth of Bill Creek.	12.4	1969, 1972	10-18-74	.50
Bill Creek	Spring Creek	Lat 31°07'41", long 92°40'06", Rapides Parish, at bridge on State Highway 112, 0.4 mile upstream from mouth, and 0.7 mile east of Elmer.	3.97	1969	10-18-74	0
Spring Creek	Bayou Cocodrie	Lat 31°06'36", long 92°39'17", Rapides Parish, at bridge on unmarked parish road, 1.2 miles upstream from mouth of Squyres Branch, and 1.5 miles west of Melder.	21.5	1969, b1972-74	10-18-74	3.06
Squyres Branch	Spring Creek	Lat 31°06'34", long 92°38'26", Rapides Parish, at bridge on State Highway 112, 0.5 mile northwest of Melder, and 0.7 mile upstream from mouth.	4.79	1969	10-18-74	0
Spring Creek	Bayou Cocodrie	Lat 31°05'55", long 92°38'12", Rapides Parish, at bridge on unmarked parish road, 0.2 mile downstream from mouth of Squyres Branch, and 0.5 mile south of Melder.	28.3	1969-73	10-18-74	6.67
Rocky Branch	Spring Creek	Lat 31°05'53", long 92°37'39", Rapides Parish, at bridge on State Highway 112, 0.5 mile upstream from mouth, and 0.7 mile southeast of Melder.	3.76	1969-73	10-18-74	.37
Roaring Creek	.....do.....	Lat 31°04'51", long 92°36'37", Rapides Parish, at bridge on unmarked parish road, 0.9 mile upstream from mouth, and 3.0 miles southeast of Melder.	7.56	1969, 1971-73	10-18-74	.99
Spring Creek	Bayou Cocodrie	Lat 31°04'03", long 92°37'06", Rapides Parish, at bridge on unmarked parish road, 0.5 mile downstream from mouth of Roaring Creek and 3.0 miles southeast of Melder.	42.9	1969, 1972	10-18-74	22.4
Campground Creek	Spring Creek	Lat 31°03'12", long 92°37'20", Rapides Parish, at bridge on unmarked parish road, 0.5 mile upstream from mouth, and 7.0 miles north of McNary.	3.05	1969, 1972	10-18-74	.25
Mill Creek	.....do.....	Lat 31°03'18", long 92°36'48", Rapides Parish, at bridge on unmarked parish road, 0.4 mile upstream from mouth and 6.0 miles north of McNary.	6.30	1969, 1972	10-18-74	3.51
Spring Creek	Bayou Cocodrie	Lat 31°02'49", long 92°36'53", Rapides Parish, at bridge on unmarked parish road, 0.6 mile downstream from mouth of Mill Creek, and 5.5 miles north of McNary.	56.3	1969,	10-18-74	29.5
Germany Creek	Spring Creek	Lat 31°02'14", long 92°36'50", Rapides Parish, at bridge on unmarked parish road, 0.2 mile upstream from mouth, and 4.0 miles north of McNary.	3.08	1969, 1972	10-18-74	2.01
Spring Creek	Bayou Cocodrie	Lat 31°00'42", long 92°34'48", Rapides Parish, in sec. 33, T.1 N., R.2 W., 2.3 miles west of Longleaf, and 2.6 miles downstream from mouth of Germany Creek.	66.9	1969, 1972	10-18-74	39.0

a Estimated.
b Operated as a continuous-record gaging station.

DISCHARGE RECORDS FOR 1974 WATER YEAR NOT PREVIOUSLY PUBLISHED

07367000 Ouachita River at Monroe, La.

LOCATION.--Lat 32°30'19", long 92°07'32", in lot 50, T.18 N., R.3 E., Ouachita Parish, near center of span on downstream side of bridge on U. S. Highway 80 at Monroe, 0.4 mi (0.6 km) upstream from Illinois Central Railroad bridge, and 5.5 mi (8.8 km) upstream from lock and dam No. 4.

DRAINAGE AREA.--15,298 mi^2 (39,622 km^2).

PERIOD OF RECORD.--January 1932 to September 1974. Monthly discharge only for some periods, published in WSP 1311. 1884 to 1891 (gage heights), 1892 to 1927 (gage heights and discharge measurements), and since January 1928 (daily discharges) in reports of Mississippi River Commission. Discharge measurements 1929-38 in reports of Corps of Engineers. Daily gage heights since June 1884 in reports of U. S. Weather Bureau.

GAGE.--Nonrecording gage read once daily. Datum of gage is 31.40 ft (9.571 m) above mean sea level (levels by Corps of Engineers). Prior to Jan. 6, 1937, nonrecording gages at several sites within 0.5 mi (0.8 km) of present site at same datum. Since Jan. 1, 1954, supplemental nonrecording gage 2.2 mi (3.5 km) downstream from lock and dam No. 4 read twice daily, at datum 30.10 ft (9.174 m) above mean sea level.

AVERAGE DISCHARGE.--42 years (1932-74), 17,720 ft^3/s (502 m^3/s), 12,840,000 acre-ft/yr (15.8 km^3/yr).

EXTREMES.--1971-74: Maximum daily discharge during year, 66,700 ft^3/s (1,889 m^3/s) Jan. 30, 31; maximum gage height, 45.14 ft (13.759 m) Jan. 31; minimum discharge not determined; minimum gage height observed, 19.9 ft (6.066 m) Oct. 11.
Period of record: Maximum discharge, 101,000 ft^3/s (2,860 m^3/s) Feb. 2, 3, 1932; maximum gage height, 50.45 ft (15.377 m) May 23, 1958; minimum discharge not determined (pool stage); minimum gage height observed, 12.10 ft (3.688 m) Jan. 3, 1944.

REMARKS.--Stage-discharge relation below 10,000 ft^3/s (283 m^3/s) affected by operation of locks and dams. Flow regulated by Lake Greeson since November 1949 (capacity, 330,000 acre-ft or 407 hm^3), by Lake Catherine since 1925 (usable capacity, 21,300 acre-ft or 26.3 hm^3), by Lake Hamilton since 1932 (usable capacity, 119,560 acre-ft or 147 hm^3), by Lake Ouachita since July 1952 (usable capacity, 1,903,000 acre-ft or 2.35 km^3), and a series of locks and dams. Records of chemical analyses and water temperatures for the water year 1975 are published in Section 2 of this report.

COOPERATION.--Gage-height record, and records of daily discharges furnished by Corps of Engineers; records reviewed by Geological Survey.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,000	12,700	22,100	53,200	66,200	53,500	39,400	37,600	30,500	58,700	26,400	7,690
2	4,300	12,000	23,500	53,200	65,500	53,100	39,000	37,800	30,100	58,000	25,000	10,900
3	3,400	12,000	24,800	53,300	64,700	52,600	38,600	37,600	30,100	57,200	23,500	13,400
4	2,900	13,100	26,900	53,400	63,700	52,000	38,100	37,500	30,300	56,600	21,300	15,100
5	2,510	15,300	29,200	53,400	62,900	51,400	37,700	38,800	30,500	55,900	18,500	16,900
6	2,900	16,600	32,000	53,600	62,100	50,900	36,800	39,300	30,900	55,000	15,100	17,800
7	3,100	17,200	35,000	53,700	61,000	50,400	35,500	39,400	31,400	54,300	9,900	19,300
8	3,300	18,000	37,300	53,800	60,100	50,200	34,000	39,500	33,200	53,700	5,320	21,000
9	3,300	18,500	39,100	53,900	59,400	49,800	32,000	39,600	34,500	52,900	4,610	23,200
10	3,300	18,800	40,900	54,000	58,400	49,300	30,000	39,300	37,600	52,100	4,200	26,900
11	3,300	19,100	42,300	54,100	57,700	48,800	28,000	39,200	43,400	51,300	3,900	29,600
12	4,630	19,400	43,900	54,400	57,100	48,200	28,600	39,100	49,000	50,600	3,700	32,000
13	6,200	19,900	45,100	54,700	56,700	47,600	28,200	39,000	52,800	49,800	3,600	33,500
14	7,500	20,100	46,200	55,000	56,400	47,100	28,100	38,800	53,700	49,000	3,400	35,500
15	9,000	20,300	47,000	55,300	57,100	46,400	28,000	38,500	54,200	48,100	3,250	37,100
16	11,900	20,700	47,900	55,500	57,400	45,900	27,800	38,200	54,300	47,100	3,200	38,400
17	13,900	20,800	48,800	55,800	56,800	44,900	27,600	37,900	54,500	46,200	3,170	39,500
18	14,900	20,500	49,200	56,200	56,100	44,100	27,500	36,900	54,600	45,200	3,120	40,200
19	15,200	20,000	49,900	56,600	55,600	43,100	27,200	35,300	54,900	44,300	3,110	40,900
20	15,900	19,700	50,100	56,900	55,500	42,700	26,900	34,500	55,200	43,300	3,100	41,300
21	16,200	19,000	50,600	57,100	56,200	42,300	26,800	33,600	55,800	42,200	2,990	41,800
22	16,700	18,300	51,000	57,200	56,800	42,100	26,700	33,000	56,200	41,200	2,970	41,900
23	17,000	17,800	51,300	57,600	56,900	41,900	27,200	32,400	56,500	40,000	2,940	41,800
24	17,100	17,000	51,900	58,800	56,500	41,700	28,700	31,600	56,900	38,900	2,900	41,500
25	17,300	17,100	52,100	60,200	55,900	41,600	30,600	31,300	57,200	37,800	2,800	41,200
26	17,600	17,800	52,800	62,000	55,300	41,400	33,100	31,700	57,600	35,900	2,750	40,900
27	17,100	18,500	53,000	63,800	54,800	41,200	35,000	31,700	58,500	34,300	2,700	40,600
28	16,500	19,300	53,100	65,000	54,300	40,800	36,400	31,600	59,000	32,400	2,600	40,000
29	15,800	20,200	53,200	66,300	------	40,200	37,200	31,500	59,200	30,800	2,500	39,700
30	15,000	21,100	53,200	66,700	------	40,000	37,500	31,200	59,200	29,300	3,370	39,300
31	13,900	------	53,300	66,700	------	39,800	------	30,800	------	27,800	4,410	------
TOTAL	316,640	540,800	1,356.7M	1,771.4M	1,637.1M	1,425.0M	958,200	1,114.2M	1,421.8M	1,419.9M	220,310	948,890
MEAN	10,210	18,030	43,760	57,140	58,470	45,970	31,940	35,940	47,390	45,800	7,107	31,630
MAX	17,600	21,100	53,300	66,700	66,200	53,500	39,400	39,600	59,200	58,700	26,400	41,900
MIN	2,510	12,000	22,100	53,200	54,300	39,800	26,700	30,800	30,100	27,800	2,500	7,690
AC-FT	628,100	1,073M	2,691M	3,514M	3,247M	2,826M	1,901M	2,210M	2,820M	2,816M	437,000	1,882M

CAL YR 1973 TOTAL 13,603,000 MEAN 37,268 MAX 88,900 MIN 2,510 AC-FT 26,982,000
WTR YR 1974 TOTAL 13,130,940 MEAN 35,980 MAX 66,700 MIN 2,500 AC-FT 26,050,000

SECTION 2. QUALITY-WATER RECORDS

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 30°47'35", long 89°49'15", on line between secs. 17 and 18, T.3 S., R.14 E., Washington Parish, at gaging station at bridge on State Highway 10, 2.0 mi (3.2 km) east of Bogalusa, and 2.0 (3.2 km) upstream from Bogue Lusa Creek.

DRAINAGE AREA.--6,630 mi^2 (17,170 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: November 1962 to current year.
Sediment records: April 1967 to current year.

EXTREMES.--Current year:
Sediment concentrations: Not determined.
Sediment loads: Not determined.

Period of record:
Sediment concentrations: Maximum daily, 522 mg/l Dec. 17, 1967; minimum daily, 2 mg/l Nov.11-13, 1970, Oct. 15, 197, Nov. 14, 1971, Oct. 15-21, Nov. 3-5, 1972.
Sediment discharge: Maximum daily, 32,700 tons May 7, 1967; minimum daily, 7 tons Nov. 11-13, 1970.

REMARKS.--When discharge is greater than 11,300 cfs, there are five overflow channels. On these days sediment concentrations in the overflow channels are computed at 10 percent of the concentration in the main channel. This is used as a basis for computing total concentration and discharge.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)
OCT.												
24...	1000	3200	9.3	440	230	65	40	5.3	1.4	--	2.8	21
NOV.												
13...	1400	3740	--	--	--	--	--	--	--	--	--	14
DEC.												
11...	1240	22500	--	--	--	--	--	--	--	--	--	9
JAN.												
22...	1515	32000	7.9	2300	90	120	75	4.5	1.1	3.6	2.1	5
FEB.												
20...	1215	34800	--	--	--	--	--	--	--	--	--	9
MAR.												
19...	1215	29800	--	--	--	--	--	--	--	--	--	8
APR.												
17...	1330	26600	6.5	2700	200	120	60	3.0	1.0	3.4	1.4	11
MAY												
27...	1400	9120	--	--	--	--	--	--	--	--	--	19
JUNE												
25...	1015	9560	7.0	--	--	--	--	3.9	1.3	4.7	1.7	15
JULY												
29...	1000	5420	8.3	1100	160	90	10	4.3	1.5	7.6	2.0	17
AUG.												
21...	1115	9880	9.0	--	--	--	--	5.3	1.2	5.3	2.0	18
SEP.												
04...	1100	4470	10	--	--	--	--	3.8	3.0	--	2.5	19

02489500 PEARL RIVER NEAR BOGALUSA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)
OCT.												
24...	0	17	9.9	7.5	.1	.49	.01	.11	.30	.11	80	--
NOV.												
13...	0	11	--	--	--	.25	.00	.07	.31	.06	--	--
DEC.												
11...	0	7	--	--	--	.14	.02	.20	.77	.22	--	--
JAN.												
22...	0	4	12	4.4	.1	.09	.01	.18	.53	.10	--	38
FEB.												
20...	0	7	--	--	--	.11	.01	.10	.60	.13	--	--
MAR.												
19...	0	7	--	--	--	.10	.02	.07	.59	.09	--	--
APR.												
17...	0	9	8.0	3.9	.1	.13	.01	.02	.57	.05	48	33
MAY												
27...	0	15	--	--	--	.30	.01	.08	.36	.07	--	--
JUNE												
25...	0	12	8.1	4.7	.1	.28	.02	.01	.33	.10	--	39
JULY												
29...	0	14	8.3	7.0	.4	.41	.00	.06	.71	.08	64	48
AUG.												
21...	0	15	7.7	5.3	.4	.26	.01	.08	.70	.06	44	42
SEP.												
04...	0	16	8.6	--	.1	.24	.00	.02	.47	.09	90	--

DATE	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT.												
24...	19	2	92	7.1	18.5	50	15	8.0	1.0	180	100	24
NOV.												
13...	--	--	88	6.6	16.0	--	9	8.6	2.3	--	230	130
DEC.												
11...	--	--	48	6.4	12.0	--	100	9.3	3.7	2900	1600	2300
JAN.												
22...	16	12	57	6.0	11.5	90	40	10.5	4.2	540	140	250
FEB.												
20...	--	--	38	6.3	15.5	--	65	8.2	2.9	890	1000	640
MAR.												
19...	--	--	44	6.3	16.5	70	50	8.6	3.1	1200	2900	1600
APR.												
17...	12	3	53	6.3	17.0	50	55	8.3	1.6	1300	890	--
MAY												
27...	--	--	76	6.6	25.5	50	20	7.0	1.7	1000	50	22
JUNE												
25...	15	3	56	6.7	26.5	80	40	7.6	1.0	--	70	180
JULY												
29...	17	17	77	6.9	28.0	30	15	7.0	2.4	850	<5	200
AUG.												
21...	18	8	67	6.4	27.5	50	25	6.4	2.6	670	--	--
SEP.												
04...	22	6	71	6.8	28.0	40	10	6.5	2.1	2100	11	35

02489500 PEARL RIVER NEAR BOGALUSA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L)	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)
OCT. 24...	7.4	.0	--	--	--	--	--	--	--	--
JAN. 22...	6.7	.0	--	--	--	--	--	--	--	--
APR. 17...	8.2	.0	--	--	--	--	--	--	--	--
JUNE 25...	5.4	.0	--	--	--	--	--	--	--	--
JULY 29...	5.2	.1	.00	.0	.00	.00	.00	.01	.00	.00

DATE	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--
JAN. 22...	--	--	--	--	--	--	--	--	--	--
APR. 17...	--	--	--	--	--	--	--	--	--	--
JUNE 25...	--	--	--	--	--	--	--	--	--	--
JULY 29...	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

DATE	TOTAL TRITHION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)
OCT. 24...	--	--	--	--	1	1	0	0	<10	0
JAN. 22...	--	--	--	--	0	0	0	2	<10	0
APR. 17...	--	--	--	--	1	0	0	0	<10	0
JULY 29...	.00	.00	.00	.00	1	1	0	0	<10	0

DATE	TOTAL COBALT (CO) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 24...	5	0	4	5	1	1	.1	.0	30	0
JAN. 22...	0	0	3	5	4	1	.0	.0	20	30
APR. 17...	2	0	4	13	10	3	.1	.1	10	20
JULY 29...	1	0	6	5	3	0	.1	.1	10	0

02489500 PEARL RIVER NEAR BOGALUSA, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	76	72	74	---	---	---	75	67	71
2	---	---	---	77	59	67	---	---	---	72	48	68
3	---	---	---	63	58	60	---	---	---	70	64	67
4	---	---	---	70	42	64	---	---	---	72	50	67
5	---	---	---	73	66	69	---	---	---	74	70	72
6	---	---	---	74	69	72	---	---	---	73	50	67
7	---	---	---	79	74	76	---	---	---	76	49	62
8	---	---	---	77	54	74	---	---	---	64	50	57
9	---	---	---	75	71	73	58	51	54	92	66	78
10	55	46	52	83	56	78	61	58	59	71	44	55
11	48	40	43	84	76	80	62	40	59	65	40	56
12	43	39	41	84	77	81	62	40	59	65	42	59
13	49	42	46	79	75	77	61	40	55	70	61	65
14	51	45	48	80	58	77	60	55	56	73	68	70
15	59	40	55	81	68	73	58	56	57	86	73	80
16	68	60	64	85	62	71	63	58	61	90	86	88
17	68	58	62	64	60	61	71	42	62	83	75	78
18	59	57	58	69	62	66	71	44	58	75	68	73
19	58	56	57	84	69	75	58	53	55	71	46	66
20	59	55	56	72	69	70	62	57	60	74	50	69
21	60	54	57	73	70	71	71	44	64	78	52	73
22	59	55	56	72	50	69	73	60	67	89	56	80
23	58	56	57	72	67	70	76	54	70	91	80	87
24	60	55	57	73	50	67	72	70	71	91	87	89
25	66	55	59	74	69	71	73	48	67	92	80	89
26	66	63	65	74	50	69	72	69	70	95	90	91
27	75	40	68	78	71	74	76	50	71	96	82	93
28	93	73	79	81	58	75	75	71	73	103	96	99
29	79	74	76	82	68	75	73	50	66	102	93	99
30	77	71	74	78	59	68	76	66	70	93	83	88
31	---	---	---	69	57	61	69	48	66	---	---	---
MONTH	---	---	---	85	42	71	---	---	---	103	40	75

PH (UNITS) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.8	7.7	7.7	---	---	---	6.6	6.6	6.6
2	---	---	---	7.8	7.6	7.8	---	---	---	6.6	6.5	6.6
3	---	---	---	7.7	7.6	7.6	---	---	---	---	---	---
4	---	---	---	7.8	7.6	7.7	---	---	---	---	---	---
5	---	---	---	7.8	7.7	7.7	---	---	---	---	---	---
6	---	---	---	7.9	7.7	7.8	---	---	---	---	---	---
7	---	---	---	7.9	7.8	7.9	---	---	---	---	---	---
8	---	---	---	7.8	7.7	7.8	---	---	---	---	---	---
9	---	---	---	7.8	7.7	7.8	6.0	6.0	6.0	---	---	---
10	7.2	7.1	7.2	8.0	7.8	7.9	6.1	6.0	6.0	---	---	---
11	7.1	6.9	7.0	7.9	7.8	7.9	6.1	6.0	6.1	---	---	---
12	6.9	6.8	6.9	8.0	7.8	7.9	6.1	6.1	6.1	---	---	---
13	7.1	6.9	7.1	8.1	7.9	8.0	6.1	6.1	6.1	---	---	---
14	7.1	7.1	7.1	8.1	7.9	8.0	6.1	6.1	6.1	---	---	---
15	7.3	7.0	7.2	8.0	7.9	7.9	6.1	6.0	6.1	---	---	---
16	7.4	7.3	7.4	8.0	7.9	8.0	6.0	5.9	6.0	---	---	---
17	7.5	7.4	7.4	7.9	7.9	7.9	5.9	5.9	5.9	---	---	---
18	7.6	7.5	7.5	8.0	7.9	7.9	5.9	5.9	5.9	---	---	---
19	7.6	7.5	7.6	7.9	7.8	7.9	6.0	5.9	5.9	---	---	---
20	7.5	7.5	7.5	7.9	7.8	7.9	6.0	5.9	6.0	---	---	---
21	7.6	7.5	7.5	7.9	7.8	7.9	6.4	6.0	6.2	---	---	---
22	7.6	7.5	7.6	7.9	7.8	7.8	6.5	6.4	6.5	---	---	---
23	7.7	7.6	7.7	7.9	7.8	7.8	6.5	6.4	6.4	---	---	---
24	---	---	---	7.9	7.8	7.9	6.5	6.4	6.4	---	---	---
25	---	---	---	8.0	7.8	7.9	6.6	6.4	6.5	---	---	---
26	---	---	---	8.0	7.9	7.9	6.5	6.5	6.5	---	---	---
27	---	---	---	7.9	6.3	7.3	6.7	6.5	6.6	---	---	---
28	---	---	---	6.3	6.3	6.3	6.6	6.6	6.6	---	---	---
29	---	---	---	6.4	6.2	6.3	6.7	6.6	6.6	---	---	---
30	---	---	---	6.4	6.0	6.2	6.6	6.5	6.6	---	---	---
31	---	---	---	---	---	---	6.6	6.5	6.6	---	---	---
MONTH	---	---	---	8.1	6.0	7.7	---	---	---	---	---	---

02489500 PEARL RIVER NEAR BOGALUSA, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	28.0	26.5	27.5	---	---	---	29.5	28.5	29.0
2	---	---	---	27.5	27.0	27.0	---	---	---	30.0	27.5	29.5
3	---	---	---	27.5	26.0	27.0	---	---	---	30.0	29.0	29.5
4	---	---	---	28.0	27.0	27.5	---	---	---	29.5	28.5	29.0
5	---	---	---	29.0	27.5	28.0	---	---	---	28.5	27.5	28.0
6	---	---	---	29.0	28.0	28.5	---	---	---	27.5	26.5	27.0
7	---	---	---	29.5	28.0	28.5	---	---	---	26.5	26.0	26.0
8	---	---	---	29.0	28.5	28.5	---	---	---	27.0	25.5	26.0
9	---	---	---	29.0	28.0	28.5	26.5	25.5	26.5	27.5	27.0	27.5
10	26.0	25.0	25.5	28.5	27.0	28.5	26.5	26.0	26.5	27.5	26.5	27.0
11	25.0	23.5	24.5	28.5	27.5	28.0	27.5	26.0	26.5	27.0	26.0	27.0
12	24.5	23.5	24.0	28.5	27.0	28.0	27.5	26.0	27.0	27.5	25.5	27.0
13	25.0	24.5	24.5	28.5	27.5	28.0	28.0	25.5	27.5	28.0	27.0	27.5
14	25.5	25.0	25.5	28.5	27.5	28.0	28.0	27.5	27.5	27.0	26.0	26.5
15	25.5	25.0	25.5	28.0	27.5	27.5	28.5	27.5	28.0	26.5	25.5	26.0
16	26.0	25.0	25.5	28.5	27.5	28.0	29.0	28.0	28.5	26.0	26.0	26.0
17	27.0	26.0	26.5	28.5	28.0	28.0	29.0	28.0	28.5	26.0	25.0	25.5
18	27.5	26.5	27.0	29.0	27.0	28.5	29.0	27.0	28.5	26.0	24.5	25.5
19	27.5	27.0	27.0	29.0	28.0	28.5	29.0	27.0	28.5	26.5	25.0	25.5
20	27.5	26.5	27.0	28.5	27.5	28.0	29.0	28.0	28.5	27.0	25.0	26.5
21	28.0	27.0	27.5	28.5	28.0	28.0	29.0	27.5	28.5	26.5	25.5	26.0
22	28.0	27.5	27.5	28.5	27.5	28.0	28.5	28.0	28.5	26.0	23.0	24.5
23	27.5	27.0	27.5	29.0	27.5	28.0	28.5	27.0	28.0	23.0	22.0	22.5
24	27.5	27.0	27.0	29.0	27.0	28.5	28.5	27.5	28.0	22.0	20.5	21.5
25	28.0	26.5	27.5	29.0	28.0	28.5	29.0	27.0	28.5	22.0	20.0	21.0
26	28.0	27.0	27.5	29.0	27.0	28.5	29.5	28.5	29.0	22.0	20.5	21.5
27	28.0	27.0	27.5	28.5	27.5	28.0	29.5	27.5	29.0	22.0	20.0	21.0
28	27.0	26.5	27.0	28.5	27.5	28.0	30.0	29.0	29.5	22.0	20.5	21.0
29	27.5	26.5	27.0	28.5	28.0	28.5	29.5	29.0	29.5	22.0	20.5	21.0
30	27.5	26.5	27.0	28.5	27.5	28.0	29.5	28.5	29.0	22.5	21.5	22.0
31	---	---	---	---	---	---	29.5	27.5	29.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	30.0	20.0	25.5

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	8.2	7.4	7.8	---	---	---	6.8	6.2	6.6
2	---	---	---	7.7	6.3	7.0	---	---	---	6.8	6.2	6.6
3	---	---	---	7.7	6.5	7.0	---	---	---	7.6	6.4	7.0
4	---	---	---	7.1	6.5	6.7	---	---	---	7.3	7.0	7.2
5	---	---	---	7.1	6.4	6.8	---	---	---	7.4	7.2	7.3
6	---	---	---	7.3	6.4	6.8	---	---	---	7.6	7.2	7.4
7	---	---	---	7.5	6.6	7.1	---	---	---	8.0	7.6	7.8
8	---	---	---	6.9	6.3	6.6	---	---	---	7.9	7.3	7.7
9	---	---	---	7.4	6.2	6.8	5.1	4.3	4.6	7.8	7.1	7.6
10	7.2	6.8	7.1	7.5	6.7	7.1	4.8	4.0	4.2	7.8	7.2	7.6
11	7.2	6.8	7.1	7.9	6.8	7.0	4.8	4.0	4.5	7.8	6.8	7.3
12	7.1	6.9	7.0	7.5	6.8	7.2	5.0	4.2	4.5	7.0	6.1	6.6
13	7.0	6.8	6.9	7.4	6.8	7.1	5.0	4.3	4.8	6.7	6.0	6.3
14	7.0	6.4	6.7	7.2	6.1	6.6	5.1	4.8	5.0	7.1	6.4	6.7
15	6.4	6.0	6.2	6.5	5.8	6.1	5.4	4.9	5.1	7.6	6.7	7.2
16	6.8	6.3	6.5	6.0	5.6	5.8	5.8	5.4	5.6	7.2	6.8	6.9
17	7.0	6.2	6.7	6.3	5.9	6.2	6.2	5.8	6.0	7.1	6.3	6.7
18	7.0	6.7	6.9	6.2	5.8	6.0	6.6	6.2	6.4	7.4	6.9	7.2
19	7.0	6.3	6.8	6.2	5.8	5.9	6.7	6.0	6.3	7.5	6.7	7.1
20	8.0	5.9	6.7	6.8	6.1	6.5	6.8	6.0	6.4	7.5	6.6	7.0
21	8.0	7.9	8.0	6.7	6.1	6.5	6.6	6.4	6.5	7.4	6.6	7.0
22	8.0	8.0	8.0	6.2	5.8	6.0	6.5	6.2	6.3	8.2	7.4	7.7
23	8.3	8.1	8.2	6.5	5.6	6.1	6.8	6.2	6.5	8.2	7.5	7.8
24	8.1	7.9	8.1	7.1	5.8	6.5	6.9	6.6	6.7	8.4	7.7	8.0
25	8.0	7.6	7.9	7.1	6.3	6.6	7.1	6.5	6.9	8.4	7.8	8.1
26	7.8	7.5	7.7	7.4	6.6	7.0	7.3	6.8	7.1	8.3	7.9	8.2
27	7.7	7.4	7.5	6.6	6.0	6.3	7.2	6.8	7.0	8.3	7.9	8.2
28	8.0	7.6	7.7	6.8	6.0	6.4	7.3	6.7	6.9	8.2	7.8	8.0
29	8.3	7.6	7.9	6.4	5.8	6.0	7.2	6.6	7.0	8.4	7.8	8.1
30	8.2	7.5	7.8	6.1	5.4	5.7	6.9	6.3	6.5	8.4	7.6	8.0
31	---	---	---	5.6	5.1	5.3	6.5	5.8	6.4	---	---	---
MONTH	---	---	---	8.2	5.1	6.5	---	---	---	8.4	6.0	7.4

02489500 PEARL RIVER NEAR BOGALUSA, LA.--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	3850	--	--	4050	--	--	7720	--	--
2	4200	--	--	3660	--	--	7080	--	--
3	4630	--	--	3550	--	--	6730	--	--
4	3940	--	--	3570	--	--	6340	--	--
5	3320	--	--	3580	--	--	5800	--	--
6	3010	--	--	3540	20	191	5840	--	--
7	2950	--	--	3460	30	280	7090	--	--
8	2910	--	--	3400	34	312	10500	351	9950
9	2890	--	--	3340	29	262	15700	403	17100
10	2860	--	--	3250	28	246	19100	312	16100
11	2840	--	--	3230	28	244	22500	81	4920
12	2820	--	--	3720	36	362	25200	41	2790
13	2770	--	--	3740	32	323	25600	75	5180
14	2690	--	--	3140	23	195	23600	77	4910
15	2810	--	--	2910	20	157	20000	93	5020
16	3340	--	--	2820	20	152	18100	97	4740
17	3230	--	--	2770	22	165	16500	99	4410
18	3580	--	--	2950	26	207	14100	--	--
19	3970	--	--	3650	83	818	11800	--	--
20	3940	--	--	5460	118	1740	10400	--	--
21	3780	--	--	9420	92	2340	9490	--	--
22	3600	--	--	9330	--	--	8420	--	--
23	3420	--	--	7790	--	--	8110	--	--
24	3200	--	--	6790	--	--	8360	--	--
25	2920	--	--	6750	--	--	8600	--	--
26	2720	--	--	7430	--	--	13600	173	6350
27	2730	--	--	7830	--	--	18600	154	7730
28	2790	--	--	7920	--	--	23300	170	10700
29	3040	--	--	7890	--	--	28700	160	12400
30	4830	--	--	7860	--	--	32400	149	13000
31	4950	--	--	--	--	--	35000	135	12800
TOTAL	104530	--	--	148800	--	--	474280	--	--

02489500 PEARL RIVER NEAR BOGALUSA, LA.--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JANUARY			FEBRUARY			MARCH		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	36000	123	12000	17200	--	--	36000	118	11500
2	36500	105	10300	15600	--	--	35800	146	14100
3	36000	87	8460	14400	--	--	35000	145	13700
4	35200	68	6460	13000	--	--	34500	167	15600
5	33700	50	4550	12000	--	--	33700	169	15400
6	32500	--	--	11900	--	--	32700	146	12900
7	32200	--	--	12400	--	--	28400	142	10900
8	36100	--	--	13500	--	--	19100	159	8200
9	42700	--	--	14200	--	--	12800	168	5810
10	47400	--	--	14600	--	--	9540	159	4100
11	47400	--	--	14700	--	--	8210	147	3260
12	46100	--	--	14900	--	--	7570	133	2720
13	44800	--	--	15000	--	--	7340	112	2220
14	44400	--	--	15000	--	--	8370	97	2190
15	44200	--	--	14800	--	--	10200	107	2950
16	43700	--	--	14300	--	--	13900	165	6190
17	42500	--	--	15500	--	--	17800	167	8030
18	40800	--	--	22500	--	--	21900	193	11400
19	38600	--	--	31000	--	--	29800	232	18700
20	36500	--	--	34800	--	--	34100	191	17600
21	34300	--	--	36700	184	18200	34300	138	12800
22	32000	--	--	37100	152	15200	33600	119	10800
23	30700	--	--	36700	132	13100	33600	112	10200
24	30200	--	--	36000	174	16900	34300	113	10500
25	31000	--	--	36000	172	16700	35000	112	10600
26	33700	--	--	35600	153	14700	36000	111	10800
27	36500	--	--	35600	146	14000	36900	109	10900
28	34100	--	--	35800	137	13200	37700	101	10300
29	30700	--	--	--	--	--	38400	88	9120
30	26400	--	--	--	--	--	38800	78	8170
31	20300	--	--	--	--	--	38200	67	6910
TOTAL	1137200	--	--	620800	--	--	833530	--	298570

02489500 PEARL RIVER NEAR BOGALUSA, LA.--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	APRIL			MAY			JUNE		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	36900	57	5680	10000	204	5510	7480	--	--
2	34600	67	6260	14900	272	10900	7570	--	--
3	30700	77	6380	19600	322	17000	7920	--	--
4	25100	84	5690	25000	263	17800	8490	--	--
5	21300	100	5750	30100	194	15800	8930	--	--
6	19800	93	4970	33700	144	13100	8840	--	--
7	17800	85	4090	35800	111	10700	8390	--	--
8	15800	88	3750	38600	114	11900	9340	--	--
9	14600	108	4260	43300	101	11800	10200	--	--
10	14100	110	4190	47000	85	10800	12700	--	--
11	13900	103	3870	53100	81	11600	15600	--	--
12	13500	84	3060	55600	82	12300	16800	--	--
13	13000	68	2390	53300	89	12800	16500	--	--
14	16100	174	7560	49900	98	13200	16000	--	--
15	28900	216	16900	47000	99	12600	13900	--	--
16	29300	198	15700	44000	89	10600	12400	--	--
17	26600	180	12900	40400	81	8840	12100	--	--
18	23100	157	9790	37300	70	7050	12100	--	--
19	21300	124	7130	35400	--	--	12200	--	--
20	19900	95	5100	34600	--	--	11900	--	--
21	19000	88	4510	33600	--	--	11500	--	--
22	18100	102	4980	31800	--	--	10900	--	--
23	17200	103	4780	27800	--	--	11300	--	--
24	16500	97	4320	20700	--	--	11200	--	--
25	15800	79	3370	15200	--	--	9560	--	--
26	14900	78	3140	11400	--	--	7720	--	--
27	13500	91	3320	9120	--	--	6510	--	--
28	12100	97	3170	7720	--	--	5960	--	--
29	10400	91	2560	7180	--	--	5360	--	--
30	9140	121	2990	7290	--	--	5140	--	--
31	--	--	--	7480	--	--	--	--	--
TOTAL	582940	--	172560	927890	--	--	314510	--	--

02489500 PEARL RIVER NEAR BOGALUSA, LA.--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JULY			AUGUST			SEPTEMBER		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	5360	--	--	10100	106	2890	6020	36	585
2	6460	--	--	15200	194	7960	5360	35	507
3	6080	--	--	20700	282	15800	4940	33	440
4	5780	--	--	25100	186	12600	4470	30	362
5	5310	--	--	27700	115	8600	4120	32	356
6	5010	--	--	29200	101	7960	4300	113	1310
7	4510	--	--	29000	105	8220	5780	88	1370
8	4150	--	--	28400	98	7510	6200	57	954
9	4140	--	--	28000	69	5220	6960	50	940
10	4180	--	--	27800	59	4430	6910	63	1180
11	3940	--	--	27300	75	5530	6860	65	1200
12	3980	--	--	26400	77	5490	6360	50	859
13	4630	--	--	25700	80	5550	5440	43	632
14	5770	--	--	24300	73	4790	4890	44	581
15	6780	--	--	22400	73	4420	4420	44	525
16	6380	--	--	19300	90	4690	3980	44	473
17	5580	65	979	16300	115	5060	3700	44	440
18	5060	56	765	13800	75	2790	3960	55	588
19	4700	55	698	11900	62	1990	4160	51	573
20	4300	55	639	11000	63	1870	3660	47	464
21	4020	56	608	9880	65	1730	3430	46	426
22	3760	50	508	8960	65	1570	3370	44	400
23	4030	47	511	7930	60	1280	3350	42	380
24	4510	46	560	7030	59	1120	3350	37	335
25	4920	44	584	6490	57	999	3330	31	279
26	5540	56	838	6090	53	871	3340	24	216
27	5680	63	966	6100	48	791	3440	29	269
28	5360	63	912	6200	44	737	3440	20	186
29	5420	52	761	6420	40	693	3350	14	127
30	6780	76	1390	6680	39	703	3300	14	125
31	8490	91	2090	6520	37	651	--	--	--
TOTAL	160610	--	--	517900	--	134515	136190	--	--

SUSPENDED-SEDIMENT SIEVE DIAMETER PERCENT FINER THAN .062 MM, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	32	47	---	---	---	85	90
2	---	---	---	---	---	26	36	---	---	---	85	90
3	---	---	---	---	---	31	38	11	---	---	85	100
4	---	---	---	---	---	25	50	22	---	---	80	95
5	---	---	---	33	---	26	60	22	---	---	75	95
6	---	100	---	---	---	36	70	95	---	---	70	95
7	---	---	---	---	---	75	80	43	---	---	70	100
8	---	---	80	---	---	85	65	38	---	---	70	100
9	---	---	---	---	---	80	70	50	---	---	70	100
10	---	---	---	---	---	75	70	27	---	---	55	100
11	---	---	---	---	---	80	65	23	90	---	60	100
12	---	---	---	---	---	65	70	23	---	---	70	100
13	---	---	---	---	---	80	85	27	---	---	60	100
14	---	---	---	---	---	80	60	16	---	---	75	100
15	---	---	---	---	---	85	55	26	---	---	60	100
16	---	---	---	---	---	90	35	34	---	---	65	85
17	---	---	---	---	---	90	43	65	---	90	65	95
18	---	---	---	---	---	90	30	49	---	85	90	90
19	---	---	---	---	---	44	60	---	---	90	95	85
20	---	---	---	---	---	48	70	---	---	85	90	75
21	---	---	---	---	29	55	65	---	---	85	90	75
22	---	---	---	---	36	39	28	---	---	90	90	75
23	---	---	---	---	40	46	60	---	---	90	90	75
24	---	---	---	---	31	45	55	---	---	85	80	75
25	---	---	---	---	29	45	75	---	---	90	85	75
26	---	---	---	---	35	43	90	---	---	90	100	90
27	---	---	---	---	30	37	85	---	---	85	100	90
28	---	---	---	---	29	33	85	---	---	85	90	90
29	---	---	---	---	---	32	90	---	---	90	85	100
30	---	---	---	---	---	35	---	---	---	95	95	90
31	---	---	---	---	---	---	---	---	---	95	95	---

02490193 PEARL RIVER AT POOLS BLUFF NEAR BOGALUSA, LA.

LOCATION.--Lat 30°45'54", long 89°50'00", in lot 40, T.4 S., R.13 E., Washington Parish, at Pools Bluff sill on right bank, and 3.4 mi (3.6 km) south of Bogalusa City limits.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Chemical analyses: June to September 1975.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	68	62	65	70	58	64	78	71	75
2	---	---	---	70	58	65	59	49	54	81	70	74
3	---	---	---	63	52	55	50	41	45	81	73	76
4	---	---	---	60	52	56	42	35	39	79	71	75
5	---	---	---	64	57	61	42	35	38	83	76	80
6	58	56	57	66	59	63	47	38	42	82	74	78
7	57	56	56	72	61	67	48	43	46	79	68	75
8	60	54	57	73	67	70	51	45	48	66	58	62
9	54	49	51	73	67	69	54	48	51	90	61	74
10	55	49	52	80	66	70	55	51	53	79	58	69
11	53	36	46	79	69	72	59	53	55	68	56	62
12	38	32	36	83	75	79	61	56	58	71	59	65
13	49	38	42	79	72	75	62	56	58	73	64	68
14	49	44	47	85	77	81	61	56	58	77	70	74
15	55	46	50	81	72	76	61	56	58	87	74	79
16	64	52	58	88	71	78	65	55	60	98	85	88
17	65	59	62	72	66	69	64	57	61	98	89	93
18	63	57	59	76	66	71	71	60	64	92	83	86
19	62	54	59	91	73	80	---	---	---	83	77	79
20	61	56	58	84	75	78	---	---	---	88	79	83
21	64	55	59	85	76	80	71	64	67	91	84	87
22	62	54	58	86	76	81	72	63	68	94	88	91
23	61	56	58	84	77	80	80	71	76	102	92	97
24	61	55	58	82	74	78	82	72	75	102	98	100
25	62	56	59	85	74	79	81	72	76	103	96	99
26	66	58	62	85	75	80	79	74	77	105	99	101
27	70	63	67	79	69	76	85	73	78	108	102	104
28	83	66	73	85	77	81	83	76	79	113	103	108
29	83	69	75	85	75	80	80	74	77	119	111	113
30	75	67	70	86	68	79	84	70	76	111	102	107
31	---	---	---	74	62	66	77	69	74	---	---	---
MONTH	---	---	---	91	52	73	---	---	---	119	56	84

02490193 PEARL RIVER AT POOLS BLUFF NEAR BOGALUSA, LA.--Continued

PH (UNITS), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	6.2	6.2	6.2	6.7	6.4	6.6	---	---	---
2	---	---	---	6.3	6.2	6.3	6.6	6.5	6.5	---	---	---
3	---	---	---	6.2	6.1	6.1	6.4	6.3	6.3	---	---	---
4	---	---	---	6.2	6.1	6.1	6.2	6.2	6.2	---	---	---
5	---	---	---	6.2	6.1	6.2	6.3	6.2	6.2	---	---	---
6	6.8	6.4	6.7	6.3	6.2	6.2	6.4	6.3	6.3	6.4	6.0	6.2
7	6.8	6.7	6.8	6.3	6.2	6.3	6.4	6.4	6.4	6.5	6.0	6.2
8	6.8	6.5	6.7	6.3	6.2	6.2	6.5	6.4	6.4	6.4	6.0	6.2
9	6.6	6.5	6.6	6.2	6.1	6.2	6.5	6.5	6.5	6.6	6.4	6.5
10	6.6	6.0	6.3	6.3	6.2	6.2	6.6	6.5	6.5	6.6	6.3	6.5
11	6.0	5.6	5.8	6.3	6.2	6.2	6.6	6.5	6.6	6.4	6.2	6.3
12	5.7	5.6	5.7	6.5	6.4	6.5	6.6	6.6	6.6	6.4	6.3	6.4
13	5.9	5.7	5.8	6.5	6.4	6.5	6.6	6.6	6.6	6.5	6.4	6.4
14	5.9	5.8	5.9	6.6	6.5	6.5	6.6	6.6	6.6	6.5	6.5	6.5
15	5.9	5.9	5.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.6
16	6.1	5.9	6.0	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
17	6.1	6.1	6.1	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.6
18	6.1	6.1	6.1	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.5
19	6.2	6.1	6.1	6.7	6.7	6.7	---	---	---	---	---	---
20	6.1	6.1	6.1	6.8	6.7	6.8	---	---	---	---	---	---
21	6.2	6.1	6.1	6.8	6.7	6.8	6.4	6.4	6.4	---	---	---
22	6.2	6.1	6.1	6.8	6.7	6.7	6.5	6.4	6.4	---	---	---
23	6.2	6.1	6.2	6.7	6.7	6.7	6.5	6.4	6.5	---	---	---
24	6.2	6.1	6.2	6.8	6.8	6.8	6.5	6.4	6.5	---	---	---
25	6.1	6.0	6.0	6.9	6.8	6.8	6.5	6.5	6.5	---	---	---
26	6.1	6.1	6.1	7.0	6.9	6.9	6.6	6.5	6.6	---	---	---
27	6.1	6.1	6.1	6.9	6.2	6.5	---	---	---	---	---	---
28	6.1	6.1	6.1	6.9	6.8	6.9	---	---	---	---	---	---
29	6.3	6.1	6.2	6.9	6.9	6.9	---	---	---	---	---	---
30	6.2	6.2	6.2	7.0	6.9	7.0	---	---	---	---	---	---
31	---	---	---	6.8	6.6	6.7	---	---	---	---	---	---
MONTH	---	---	---	7.0	6.1	6.5	---	---	---	---	---	---

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	27.0	26.0	26.5	26.5	25.0	26.0	29.0	28.5	28.5
2	---	---	---	27.5	26.5	27.0	25.5	25.0	25.0	29.5	28.5	29.0
3	---	---	---	26.5	26.0	26.5	25.5	24.5	25.0	29.5	29.0	29.0
4	---	---	---	27.0	26.5	27.0	25.0	25.0	25.0	29.0	28.5	29.0
5	---	---	---	28.0	27.0	27.5	25.0	25.0	25.0	28.5	27.5	28.0
6	26.5	26.0	26.0	28.5	27.5	28.0	25.5	24.5	25.0	27.5	26.5	27.0
7	26.5	25.5	26.0	28.5	27.5	28.0	26.0	25.0	25.5	26.5	26.0	26.0
8	26.0	24.5	25.5	28.5	28.0	28.5	26.0	25.0	25.5	26.5	25.5	26.0
9	25.0	24.0	24.5	28.5	28.0	28.0	26.0	25.5	26.0	27.0	26.0	26.5
10	25.5	24.5	25.0	28.5	27.5	28.0	26.0	25.5	25.5	27.5	26.5	27.0
11	25.0	23.0	24.0	28.0	27.5	27.5	26.0	26.0	26.0	27.0	26.5	26.5
12	24.0	23.0	23.5	28.5	27.5	28.0	26.5	26.0	26.0	27.0	26.5	26.5
13	24.5	23.5	24.0	29.0	28.0	28.5	27.0	26.0	26.5	27.5	26.5	27.0
14	25.0	24.0	24.5	28.5	28.0	28.0	27.5	27.0	27.0	27.0	26.0	26.5
15	25.0	24.5	24.5	28.5	27.5	28.0	28.0	27.0	27.5	26.0	25.5	26.0
16	25.5	24.5	25.0	28.5	28.0	28.0	28.0	27.5	28.0	26.0	25.5	25.5
17	26.0	25.0	25.5	29.0	28.0	28.5	28.0	27.5	28.0	25.5	25.0	25.5
18	27.0	26.0	26.5	29.0	28.5	28.5	28.0	27.5	28.0	25.5	25.0	25.0
19	27.0	26.5	26.5	29.0	28.5	28.5	---	---	---	26.0	25.0	25.5
20	27.0	26.0	26.5	29.0	28.5	28.5	---	---	---	26.5	25.5	26.0
21	27.5	26.5	27.0	29.0	28.0	28.5	28.5	28.0	28.0	26.5	25.5	26.0
22	27.5	27.0	27.0	29.0	28.0	28.0	28.0	27.5	28.0	25.5	23.5	24.5
23	27.0	26.5	27.0	28.5	27.5	28.0	28.0	27.5	27.5	23.5	22.0	22.5
24	27.0	26.5	26.5	29.0	28.0	28.5	28.0	27.5	27.5	22.0	21.5	21.5
25	27.0	26.0	26.5	29.5	28.5	29.0	28.5	27.5	28.0	22.0	21.0	21.5
26	27.0	26.5	27.0	29.0	28.0	28.5	29.0	28.0	28.5	21.5	20.5	21.0
27	27.5	26.5	27.0	28.5	27.5	28.0	29.0	28.5	29.0	21.5	20.5	21.0
28	26.5	26.0	26.5	28.5	28.0	28.5	29.5	29.0	29.0	21.5	20.5	21.0
29	26.5	26.0	26.5	29.0	28.0	28.5	29.5	29.0	29.0	21.5	20.5	21.0
30	26.5	26.0	26.5	28.5	28.0	28.5	29.0	28.5	28.5	22.0	21.0	21.5
31	---	---	---	28.0	26.5	27.0	29.0	28.0	28.5	---	---	---
MONTH	---	---	---	29.5	26.0	28.0	---	---	---	29.5	20.5	25.5

02490193 PEARL RIVER AT POOLS BLUFF NEAR BOGALUSA, LA.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.0	6.5	6.7	6.1	4.1	5.5	6.7	6.6	6.6
2	---	---	---	7.2	6.9	7.0	6.0	5.6	5.9	6.6	6.5	6.6
3	---	---	---	6.9	6.5	6.7	5.6	4.6	5.1	7.2	6.5	6.7
4	---	---	---	7.1	6.9	7.0	5.1	4.8	4.9	6.7	6.6	6.6
5	---	---	---	7.1	6.8	7.0	5.4	5.0	5.2	6.6	6.3	6.4
6	6.6	6.5	6.5	7.3	6.9	7.1	5.3	5.1	5.2	6.6	6.4	6.5
7	6.5	6.2	6.3	7.4	6.9	7.1	5.3	5.1	5.2	6.8	6.5	6.7
8	6.7	4.9	6.0	7.2	6.9	7.1	5.8	5.1	5.4	6.7	6.4	6.5
9	6.4	6.0	6.2	7.0	6.6	6.8	5.8	5.6	5.7	6.5	6.3	6.4
10	6.6	6.3	6.4	7.3	6.8	7.0	6.2	5.6	5.8	6.6	6.4	6.5
11	6.4	4.4	5.4	7.5	6.8	6.9	6.0	5.8	5.8	6.7	6.3	6.5
12	6.2	5.7	5.9	8.1	7.4	7.7	6.2	5.7	5.9	6.4	6.2	6.3
13	6.2	5.8	6.0	8.3	7.8	8.0	5.9	5.6	5.8	6.2	6.0	6.1
14	6.2	5.7	6.0	8.2	7.9	8.0	5.7	5.4	5.5	6.4	6.1	6.3
15	6.1	5.7	5.9	8.1	7.8	8.0	5.7	5.2	5.4	6.4	6.3	6.4
16	6.1	5.9	6.0	8.2	8.0	8.1	5.6	5.1	5.3	6.6	6.3	6.3
17	6.2	6.0	6.1	8.2	8.0	8.1	5.6	4.9	5.4	6.5	6.3	6.4
18	6.3	6.1	6.2	8.4	8.2	8.3	5.6	5.4	5.4	6.7	6.3	6.5
19	6.4	6.2	6.3	8.3	8.1	8.2	---	---	---	6.7	6.5	6.6
20	6.5	6.2	6.2	8.2	8.1	8.1	---	---	---	6.4	6.3	6.4
21	6.6	6.3	6.4	8.2	8.1	8.1	5.8	5.6	5.7	6.3	6.2	6.3
22	6.6	6.2	6.4	8.9	7.4	7.6	5.9	5.7	5.8	6.6	6.2	6.3
23	6.5	6.3	6.5	7.6	6.8	7.1	5.8	5.6	5.7	7.0	6.6	6.8
24	6.5	6.1	6.4	7.3	6.7	7.0	5.9	5.7	5.8	7.2	7.0	7.1
25	6.2	5.6	5.8	6.8	6.2	6.6	6.0	5.9	5.9	7.3	7.2	7.3
26	6.0	5.7	5.8	6.6	5.9	6.0	6.3	6.1	6.2	7.4	7.3	7.3
27	6.0	5.7	5.9	6.3	3.9	5.0	6.7	6.2	6.4	7.4	7.3	7.3
28	6.2	5.7	6.0	6.5	6.3	6.4	6.8	6.6	6.7	7.3	7.2	7.3
29	6.2	5.7	6.0	6.3	6.2	6.3	6.9	6.3	6.7	7.5	7.4	7.4
30	6.6	6.2	6.4	6.3	6.1	6.2	6.8	6.8	6.8	7.7	7.3	7.5
31	---	---	---	6.1	5.7	5.9	6.7	6.5	6.6	---	---	---
MONTH	---	---	---	8.9	3.9	7.1	---	---	---	7.7	6.0	6.7

02492000 BOGUE CHITTO NEAR BUSH, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 30°37'45", long 89°53'50", in T.5 S., R.13 E., St. Tammany Parish, at gaging station on bridge, at State Highway 21, 0.2 mi (0.3 km) downstream from Gulf, Mobile, and Ohio Railroad bridge, and 1.4 mi (2.3 km) north of Bush.

DRAINAGE AREA.--1,210 mi^2 (3,130 km^2 (3,130 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.
Water temperatures: October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)
OCT.										
24...	0930	708	12	630	180	65	30	2.7	.7	--
NOV.										
13...	1300	960	10	--	--	--	--	3.3	1.0	5.2
DEC.										
11...	1045	4820	5.9	--	--	--	--	3.8	.8	2.0
JAN.										
22...	1340	2460	11	1100	100	120	100	3.9	.9	3.9
FEB.										
20...	1030	11200	4.9	--	--	--	--	2.2	.9	2.6
MAR.										
19...	1045	10000	5.2	--	--	--	--	1.8	.7	4.0
APR.										
17...	1100	9510	5.3	1100	60	80	10	2.7	.8	2.9
MAY										
27...	1230	1300	11	--	--	--	--	2.4	1.0	4.2
JUNE										
25...	1230	3470	9.4	--	--	--	--	1.6	.8	3.3
JULY										
29...	1045	1500	10	950	130	80	50	2.5	1.3	9.8
AUG.										
21...	1200	1460	10	--	--	--	--	2.5	.8	4.2
SEP.										
04...	1200	940	9.6	--	--	--	--	2.3	--	5.0

DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)
OCT.										
24...	1.1	9	0	7	1.6	6.7	.0	.15	.00	.02
NOV.										
13...	2.1	10	0	8	3.4	6.2	.1	.18	.00	.10
DEC.										
11...	2.3	8	0	7	4.6	5.3	.4	.10	.01	.11
JAN.										
22...	1.6	11	0	9	2.8	7.0	.0	.24	.01	.17
FEB.										
20...	1.7	11	0	9	3.7	3.9	.1	.08	.01	.11
MAR.										
19...	1.9	7	0	6	3.2	6.7	.1	.16	.02	.12
APR.										
17...	1.6	9	0	7	3.9	4.1	.2	.13	.01	.09
MAY										
27...	1.3	15	0	12	1.6	5.9	.0	.20	.00	.07
JUNE										
25...	1.4	9	0	8	2.3	5.1	.1	.20	.01	.06
JULY										
29...	2.1	12	0	10	2.9	16	.0	.28	.01	.10
AUG.										
21...	1.6	11	0	9	2.1	4.9	.0	.20	.00	.06
SEP.										
04...	--	13	0	11	2.8	7.8	.1	.13	.00	.06

02492000 BOGUE CHITTO NEAR BUSH, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.										
24...	.11	.05	94	--	10	2	45	7.0	17.5	20
NOV.										
13...	.24	.11	70	36	12	4	48	6.7	15.5	50
DEC.										
11...	.59	.13	32	29	13	6	41	6.2	12.0	--
JAN.										
22...	.39	.05	40	37	13	4	47	6.3	13.5	20
FEB.										
20...	.57	.11	38	25	9	0	32	6.4	15.0	--
MAR.										
19...	.58	.10	45	27	7	1	39	6.3	16.0	70
APR.										
17...	.48	.05	--	26	10	3	34	5.9	15.5	75
MAY										
27...	.13	.06	--	35	10	0	45	6.7	26.5	17
JUNE										
25...	.54	.09	42	29	7	0	41	6.4	25.0	50
JULY										
29...	.71	.09	59	51	12	2	84	6.7	27.0	25
AUG.										
21...	.36	.07	29	32	10	1	67	6.4	27.5	20
SEP.										
04...	.55	.07	--	--	9	0	53	6.8	28.0	25

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTO-PLANK-TON (CELLS PER ML)	IMME-DIATE COLI-FORM (COL. PER 100 ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	SUS-PENDED SEDI-MENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)
OCT.										
24...	5	8.5	.9	92	--	36	12	15	50	29
NOV.										
13...	8	8.7	3.2	--	--	260	170	322	62	835
DEC.										
11...	50	9.3	3.4	450	--	1300	870	116	79	1510
JAN.										
22...	15	10.0	3.3	180	--	87	89	26	85	173
FEB.										
20...	50	8.0	2.9	290	--	840	660	90	82	2720
MAR.										
19...	45	8.5	5.2	590	--	8800	4000	173	83	4670
APR.										
17...	25	8.0	1.2	410	--	2300	530	62	63	1590
MAY										
27...	10	7.5	.9	630	--	33	53	34	68	119
JUNE										
25...	30	7.4	.5	--	5200	310	1800	--	--	--
JULY										
29...	10	7.0	2.7	410	--	13	160	26	81	105
AUG.										
21...	15	6.8	.6	1100	--	--	--	72	53	284
SEP.										
04...	7	6.5	3.8	100	--	83	50	28	75	71

02492000 BOGUE CHITTO NEAR BUSH, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)
OCT. 24...	--	--	0	0	0	0	20	0	3	0
JAN. 22...	--	--	0	0	2	1	<10	0	1	0
MAR. 19...	29	31	--	--	--	--	--	--	--	--
APR. 17...	--	--	1	1	0	0	<10	0	2	0
JULY 29...	--	--	1	1	1	0	<10	0	1	0

DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 24...	2	2	0	2	.0	.0	0	0	0	0
JAN. 22...	5	6	7	0	.0	.0	0	0	20	10
MAR. 19...	--	--	--	--	--	--	--	--	--	--
APR. 17...	5	18	4	2	.1	.0	0	0	10	8
JULY 29...	7	5	5	0	.2	.1	0	0	3	0

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	47	48	---	---	---	46	32	44	35	36	43
2	---	54	44	---	44	45	48	38	48	38	31	47
3	---	61	50	---	45	45	48	48	---	41	28	40
4	---	66	54	49	46	---	52	---	48	41	29	46
5	---	---	60	49	46	38	53	41	49	43	30	46
6	---	44	---	48	44	41	---	39	46	44	33	44
7	---	44	42	49	---	---	---	39	45	46	44	42
8	---	46	41	41	45	38	46	33	40	44	44	45
9	---	45	48	30	---	---	44	32	38	45	43	44
10	---	45	41	26	46	---	45	29	28	45	44	43
11	---	---	38	---	45	42	43	29	27	43	44	41
12	---	49	41	---	46	43	---	---	28	45	47	44
13	---	44	43	48	46	41	---	41	32	43	47	40
14	---	---	47	---	44	43	---	41	36	44	46	43
15	---	49	---	32	45	44	---	40	37	45	48	49
16	---	47	49	36	44	---	---	41	39	47	46	43
17	---	46	49	38	---	41	---	40	45	42	46	41
18	---	---	47	41	---	38	37	43	41	42	46	45
19	---	42	49	42	---	---	41	---	38	41	44	45
20	---	43	50	---	33	38	41	44	36	41	43	45
21	---	46	47	---	---	30	43	43	44	38	45	53
22	---	---	47	44	42	34	---	44	41	37	42	45
23	---	47	---	---	43	---	42	43	42	37	46	44
24	---	44	---	45	45	43	43	44	38	37	47	45
25	47	---	---	45	---	---	44	43	34	37	46	48
26	47	---	---	44	---	---	44	44	36	49	46	47
27	---	---	52	43	---	---	45	44	34	30	40	48
28	44	---	52	46	---	46	45	47	32	30	47	47
29	43	46	50	44	---	47	43	45	38	30	47	47
30	48	47	49	45	---	---	35	43	37	30	43	44
31	44	---	---	---	---	41	---	44	---	36	47	---
MONTH	---	---	---	---	---	---	---	---	---	40	42	45

02492000 BOGUE CHITTO NEAR BUSH, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	22.0	11.5	---	---	---	16.5	21.0	25.0	---	24.5	---
2	---	23.0	10.0	---	20.0	17.0	19.0	21.5	25.0	25.5	24.5	28.5
3	---	22.5	11.0	---	20.5	15.5	18.0	21.5	---	---	---	26.0
4	---	22.5	11.0	15.0	20.0	---	16.5	---	27.0	---	25.0	28.0
5	---	---	12.0	13.5	19.5	12.0	17.0	22.0	27.5	---	25.0	26.5
6	---	19.5	---	14.0	20.5	12.5	---	22.5	27.0	---	---	25.5
7	---	---	13.5	12.0	---	---	---	21.5	26.5	29.0	25.5	25.0
8	---	15.5	12.5	16.0	16.0	14.5	17.5	21.0	---	28.0	26.0	26.0
9	---	17.0	12.0	16.0	---	---	18.5	21.0	---	27.5	26.0	26.0
10	---	18.0	11.0	15.0	13.5	---	18.0	21.5	---	28.0	26.0	27.0
11	---	---	11.5	---	18.0	18.5	19.5	22.0	23.0	---	26.5	27.0
12	---	17.0	11.5	---	14.0	19.0	---	---	24.0	27.0	27.0	---
13	---	---	12.5	14.0	15.5	14.0	---	23.0	24.5	27.0	28.0	---
14	---	---	13.5	---	15.0	17.0	---	23.0	25.0	26.5	27.5	24.5
15	---	14.0	---	11.5	16.5	15.5	---	22.5	---	27.0	27.5	24.5
16	---	14.5	13.0	11.5	17.0	---	---	23.0	25.0	27.5	28.0	24.5
17	---	15.0	12.5	13.0	---	16.0	---	22.0	26.0	---	28.0	24.5
18	---	---	12.0	14.0	---	17.5	20.0	22.5	27.0	---	28.0	25.0
19	---	20.5	13.0	15.0	---	---	20.5	---	27.0	---	27.0	25.5
20	---	19.0	14.0	---	13.5	16.0	---	24.0	26.5	---	28.5	26.0
21	---	17.0	14.0	---	---	17.0	20.0	26.0	27.0	---	27.5	25.0
22	---	---	14.0	12.5	16.5	19.0	---	25.5	---	---	27.5	22.0
23	---	17.0	---	---	17.0	---	21.0	26.5	25.0	---	27.5	---
24	---	16.0	---	13.0	16.0	19.0	22.0	27.0	---	---	28.0	21.0
25	19.0	---	---	12.5	---	---	24.5	26.5	---	---	28.0	21.0
26	20.0	---	---	15.0	---	---	25.0	26.5	26.0	28.0	28.0	21.0
27	---	---	16.5	16.5	---	---	25.0	27.5	25.0	---	28.0	21.0
28	19.5	---	17.0	19.0	---	20.0	25.0	26.0	24.5	---	28.5	21.0
29	21.5	14.0	18.5	17.5	---	21.0	24.5	25.0	25.0	---	28.5	21.5
30	22.0	12.0	18.0	19.5	---	---	21.5	24.0	25.0	---	28.0	---
31	22.5	---	---	---	---	15.0	---	24.5	---	25.5	28.0	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MISS.

LOCATION.--Lat 31°00'30", long 91°37'25", in lot 6, T.1 N., R.5 W., Wilkinson County, at gaging station at Tarbert Landing, 2.5 mi (4.0 km) upstream from Lower Old River, 8.2 mi (13.2 km) downstream from inlet channel to Old River control structure, and at mile 306.3 (492.8 km).

DRAINAGE AREA.--1,128,900 mi^2 (2,924,000 km^2), contributing.

PERIOD OF RECORD.--Sediment records: October 1972 to September 1974.

EXTREMES.--1972-74:
October 1972 to September 1973, sediment loads: Maximum daily, 1,930,000 tons Dec. 21; minimum daily, 111,000 tons Sept. 27.
October 1973 to September 1974, sediment loads: Maximum daily, 1,610,000 tons Apr. 13; minimum daily, 72,000 tons Aug. 12.

REMARKS.--Samples collected and computed by Corps of Engineers, analyzed and reviewed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DATE	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.				
19...	323000	240	209000	75
NOV.				
02...	302000	264	215000	62
16...	657000	583	1030000	62
30...	739000	415	828000	65
DEC.				
13...	683000	208	384000	84
21...	877000	815	1930000	79
JAN.				
05...	888000	327	784000	52
FEB.				
02...	842000	526	1200000	70
08...	881000	375	892000	59
12...	839000	352	797000	53
MAR.				
01...	759000	337	691000	49
08...	565000	407	621000	55
15...	709000	443	848000	77
26...	995000	446	1200000	54
APR.				
02...	1120000	363	1100000	49
09...	1290000	388	1350000	44
12...	1350000	300	1090000	57
14...	1340000	183	662000	--
18...	1410000	305	1160000	66
21...	1230000	236	784000	--
25...	1280000	288	995000	59
27...	1280000	289	999000	61
MAY				
01...	1360000	188	690000	67
04...	1330000	222	797000	74
09...	1450000	174	681000	74
11...	1350000	248	904000	68
14...	1430000	203	784000	63
18...	1440000	219	851000	64
22...	1390000	198	743000	66
24...	1360000	160	588000	74

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MISS.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DATE	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
JUNE				
04...	1130000	177	540000	67
07...	1040000	208	584000	65
11...	1010000	194	529000	70
13...	992000	238	637000	65
18...	957000	159	411000	--
20...	964000	213	554000	61
23...	878000	186	441000	69
25...	856000	209	483000	68
27...	819000	176	389000	75
JULY				
05...	596000	295	475000	85
19...	396000	229	245000	91
AUG.				
02...	392000	354	375000	95
29...	268000	217	157000	92
SEP.				
27...	208000	199	112000	--

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.				
11...	377000	572	582000	89
25...	437000	392	463000	84
NOV.				
08...	394000	337	358000	77
20...	318000	200	172000	87
DEC.				
06...	785000	722	1530000	76
14...	933000	425	1070000	63
17...	962000	374	971000	74
26...	791000	375	801000	78
JAN.				
04...	860000	293	680000	--
11...	966000	354	923000	58
18...	1010000	301	821000	61
FEB.				
02...	1100000	224	665000	70
04...	1090000	236	695000	62
09...	1020000	239	658000	56
11...	1140000	263	810000	52
13...	1140000	221	680000	50
17...	1167000	150	473000	71
19...	1100000	241	716000	44
21...	1060000	148	424000	59
23...	1050000	139	394000	63
25...	967000	188	491000	57
28...	899000	240	583000	53
MAR.				
02...	891000	256	616000	73
04...	891000	311	748000	74
07...	873000	279	658000	69
09...	816000	206	454000	79
12...	799000	267	576000	73
14...	734000	256	507000	71
16...	717000	248	480000	70
18...	767000	286	592000	71
21...	813000	375	823000	70
23...	823000	325	722000	71
25...	876000	274	648000	70
28...	868000	249	584000	74
30...	837000	333	753000	58

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MISS.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
APR.				
01...	922000	228	568000	52
04...	846000	186	425000	57
08...	804000	175	380000	65
11...	751000	212	430000	67
13...	796000	751	1610000	89
15...	794000	309	662000	73
18...	799000	284	613000	73
20...	787000	333	708000	62
25...	773000	247	516000	66
27...	743000	269	540000	63
29...	772000	268	559000	66
MAY				
02...	701000	287	543000	73
04...	678000	387	708000	72
06...	638000	363	625000	74
09...	584000	380	599000	84
13...	537000	294	426000	79
16...	522000	361	509000	81
30...	609000	475	781000	83
JUNE				
06...	714000	485	935000	85
17...	813000	307	674000	77
24...	847000	320	732000	73
JULY				
11...	587000	370	586000	88
18...	444000	364	436000	92
26...	291000	454	357000	88
30...	269000	248	180000	94
AUG.				
05...	221000	273	163000	89
12...	211000	127	72400	87
19...	248000	189	127000	94
26...	248000	158	106000	92
SEP.				
03...	235000	143	90700	94
09...	340000	306	281000	89
16...	387000	261	273000	87
23...	335000	179	162000	88

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MISS.--Continued

SUSPENDED-SEDIMENT DISCHARGE (T/DAY), WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	143000	213000	780000	1050000	1150000	690000	1100000	687000	564000	433000	342000	144000
2	142000	215000	733000	985000	1190000	674000	1090000	744000	558000	424000	374000	140000
3	146000	233000	688000	929000	1140000	659000	1140000	751000	549000	440000	377000	138000
4	151000	260000	643000	853000	1090000	645000	1180000	794000	539000	459000	374000	138000
5	155000	303000	605000	782000	1040000	629000	1210000	797000	541000	475000	366000	137000
6	157000	353000	568000	793000	988000	619000	1260000	753000	579000	448000	352000	136000
7	160000	403000	529000	812000	936000	620000	1310000	712000	586000	424000	337000	134000
8	165000	451000	494000	830000	891000	620000	1340000	656000	580000	405000	319000	132000
9	170000	515000	464000	847000	868000	623000	1350000	681000	557000	380000	298000	131000
10	175000	589000	435000	863000	844000	636000	1220000	781000	551000	361000	278000	129000
11	180000	666000	415000	879000	817000	665000	1140000	905000	529000	336000	256000	129000
12	184000	733000	398000	898000	798000	685000	1100000	890000	587000	316000	237000	130000
13	192000	809000	383000	914000	798000	724000	821000	829000	637000	306000	221000	131000
14	199000	888000	464000	928000	809000	781000	661000	780000	579000	295000	210000	129000
15	203000	962000	567000	947000	815000	846000	748000	796000	536000	287000	202000	126000
16	207000	1030000	694000	945000	817000	889000	881000	848000	504000	275000	196000	124000
17	208000	1020000	844000	951000	816000	930000	984000	835000	454000	266000	189000	122000
18	208000	1010000	1030000	952000	818000	955000	1160000	850000	410000	255000	184000	120000
19	209000	989000	1260000	948000	820000	973000	1000000	809000	483000	245000	185000	122000
20	206000	987000	1550000	934000	809000	997000	944000	801000	553000	246000	186000	118000
21	203000	983000	1930000	925000	803000	1030000	785000	772000	514000	246000	188000	113000
22	202000	980000	1820000	907000	796000	1040000	858000	745000	477000	247000	188000	119000
23	199000	970000	1720000	897000	788000	1070000	910000	658000	440000	247000	186000	116000
24	195000	962000	1630000	874000	783000	1130000	944000	586000	455000	248000	186000	113000
25	194000	944000	1550000	877000	774000	1180000	997000	566000	482000	248000	185000	112000
26	195000	921000	1470000	893000	763000	1200000	969000	600000	439000	249000	182000	113000
27	201000	896000	1400000	920000	744000	1180000	996000	576000	390000	243000	179000	111000
28	203000	875000	1320000	958000	717000	1160000	883000	602000	411000	245000	168000	167000
29	208000	854000	1250000	1000000	---	1150000	852000	584000	403000	254000	157000	253000
30	211000	827000	1180000	1040000	---	1130000	804000	557000	439000	273000	152000	389000
31	211000	---	1110000	1090000	---	1110000	---	556000	---	305000	149000	---
MONTH	186520	728030	965290	916810	872210	878710	1021230	725840	510870	318740	238810	140530

YEAR TOTAL - 228,000,000 TONS PERCENT FINER THAN .062 - 153,000,000 TONS

MAX 1,930,000 MIN 111,000 MEAN 623,550

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MISS.--Continued

SUSPENDED-SEDIMENT DISCHARGE (T/DAY), WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	159000	384000	782000	626000	665000	596000	566000	549000	839000	670000	172000	91000
2	173000	359000	931000	638000	664000	616000	522000	543000	854000	638000	167000	89000
3	188000	340000	1080000	677000	676000	677000	471000	618000	860000	606000	164000	91000
4	206000	323000	1230000	679000	694000	746000	425000	707000	902000	605000	162000	109000
5	221000	323000	1380000	718000	691000	724000	404000	662000	910000	592000	163000	136000
6	242000	327000	1530000	761000	683000	696000	385000	625000	933000	602000	148000	165000
7	304000	341000	1450000	813000	689000	657000	379000	620000	887000	589000	136000	197000
8	374000	358000	1410000	832000	676000	554000	378000	609000	850000	583000	124000	237000
9	444000	351000	1350000	856000	659000	454000	393000	599000	828000	588000	108000	281000
10	513000	338000	1290000	878000	739000	493000	415000	552000	801000	582000	97000	285000
11	581000	319000	1230000	921000	812000	529000	430000	503000	787000	586000	85000	281000
12	593000	296000	1170000	903000	744000	575000	821000	461000	774000	564000	72000	289000
13	599000	275000	1110000	885000	678000	531000	1610000	425000	748000	540000	85000	289000
14	594000	254000	1070000	877000	618000	506000	1110000	457000	752000	510000	92000	293000
15	582000	234000	1040000	867000	569000	493000	661000	482000	736000	496000	96000	284000
16	574000	220000	1000000	850000	524000	480000	645000	508000	714000	476000	100000	272000
17	563000	205000	969000	847000	473000	533000	620000	498000	673000	456000	105000	252000
18	552000	193000	978000	823000	580000	592000	612000	494000	689000	436000	115000	229000
19	533000	181000	961000	795000	717000	656000	645000	491000	709000	422000	127000	210000
20	515000	172000	967000	777000	557000	733000	706000	491000	723000	413000	131000	195000
21	508000	181000	937000	753000	420000	823000	675000	527000	736000	385000	134000	182000
22	500000	188000	896000	740000	408000	772000	612000	545000	733000	374000	132000	171000
23	491000	201000	840000	722000	395000	721000	582000	576000	738000	361000	124000	162000
24	475000	221000	810000	724000	439000	674000	545000	598000	732000	363000	117000	160000
25	462000	246000	808000	723000	492000	648000	514000	618000	744000	362000	110000	156000
26	460000	277000	799000	712000	518000	624000	526000	681000	748000	356000	105000	150000
27	449000	326000	758000	709000	552000	604000	538000	710000	751000	307000	103000	139000
28	440000	409000	685000	722000	583000	583000	550000	744000	737000	257000	98000	127000
29	432000	496000	658000	716000	---	662000	557000	776000	722000	208000	96000	117000
30	420000	634000	638000	688000	---	752000	553000	780000	694000	180000	93000	114000
31	406000	---	625000	681000	---	654000	---	820000	---	179000	91000	---
MONTH	437190	299070	1012320	771390	604110	624450	595000	589320	776800	460840	117810	191770

YEAR TOTAL - 197,000,000 TONS PERCENT FINER THAN .062 - 148,000,000 TONS

MAX 1,610,000 MIN 72,000 MEAN 540,290

07344400 RED RIVER NEAR HOSSTON, LA.

LOCATION.--Lat 32°53'35", long 93°49'20", in SW¼ sec.16, T.22 N., R.14 W., Caddo-Bossier Parish line, near left bank on downstream side of bridge on State Highway 2, 1.8 mi (2.9 km) downstream from Dry Bayou, and 3.2 mi (5.1 km) east of Hosston.

DRAINAGE AREA.--57,041 mi² (147,736 km²), of which 5,936 mi² (15,374 km²) above Denison Dam is noncontributing.

PERIOD OF RECORD.--Chemical analyses: March 1957 to current year.
Water temperatures: March 1957 to September 1973.

EXTREMES.--Current year:
Specific conductance: Maximum daily, 1,150 micromhos Aug. 19; minimum daily, 170 micromhos May 9.

Period of record:
Specific conductance: Maximum daily, 1,950 micromhos Aug. 15, 1964; minimum daily, 152 micromhos May 15, 1961, Dec. 26, 1971.
Water temperatures: Maximum, 34°C July 12, 13, 21, 1969; minimum, 1°C Jan. 11, 1962, Jan. 28, 1963, Dec. 24, 1964, Jan. 7, 8, 14, 1968.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT.										
24...	1230	6.0	70	40	10	65	4.0	116	0	95
FEB.										
27...	0945	6.3	20	25	5.2	25	2.6	80	0	66
APR.										
23...	0930	5.6	20	57	13	75	3.1	--	0	--
JULY										
28...	1230	3.3	0	61	17	75	3.8	173	0	142

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
OCT.										
24...	59	96	.3	.01	.00	.12	330	338	140	46
FEB.										
27...	27	35	.3	.15	.01	.11	176	166	84	18
APR.										
23...	79	120	.3	.16	.02	.12	449	--	200	--
JULY										
28...	76	110	.4	.01	.00	.06	468	432	220	80

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)
OCT.									
24...	627	7.5	19.0	30	30	7.2	1.9	50	10
FEB.									
27...	306	7.2	11.0	70	30	10.3	4.9	47	120
APR.									
23...	776	7.8	19.5	5	55	8.5	.9	100	55
JULY									
28...	782	7.6	30.5	10	20	8.6	2.2	--	66

07344400 RED RIVER NEAR HOSSTON, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTACHLOR (UG/L)
OCT. 24...	8.2	.00	.0	.00	.00	.00	.01	.00	.00	.00	.00
FEB. 27...	10	--	--	--	--	--	--	--	--	--	--
APR. 23...	6.6	.00	.0	.00	.00	.00	.05	.00	.00	.00	.00
JULY 28...	4.4	.00	.0	.00	.00	.00	.01	.00	.00	.00	.00

DATE	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)
OCT. 24...	.00	.00	.00	.00	.00	.00	.0	0	.00	.02	.00
FEB. 27...	--	--	--	--	--	--	--	--	--	.09	.00
APR. 23...	.00	.00	.00	.00	.00	.00	.0	0	.00	.02	.00
JULY 28...	.00	.00	.00	.00	.00	.00	.0	0	.00	.21	.30

DATE	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 24...	.00	2	--	0	--	--	2	.2	--	--	50
FEB. 27...	.00	1	0	1	<10	12	0	.4	.3	30	10
APR. 23...	.00	1	1	0	<10	22	1	.2	.2	20	10
JULY 28...	.00	0	0	0	<10	4	0	.1	.1	20	50

07344400 RED RIVER NEAR HOSSTON, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	308	374	300	345	450	394	512	706	974	843	605	960
2	334	434	307	309	384	381	413	692	943	1000	642	958
3	442	448	291	292	336	426	364	678	887	978	973	902
4	528	323	310	283	287	417	343	469	890	964	1010	906
5	581	269	310	330	239	455	356	331	942	933	1010	931
6	---	230	287	309	226	438	426	267	1090	946	1040	964
7	647	495	---	317	208	416	444	201	1090	955	1030	969
8	615	512	362	268	228	447	443	214	1130	824	1080	990
9	557	578	354	243	248	509	445	170	1070	824	1050	948
10	563	684	298	332	260	575	450	205	936	807	1030	938
11	557	675	223	313	262	598	452	199	768	788	1010	983
12	548	704	205	---	290	484	556	235	633	742	988	962
13	521	630	231	319	316	---	---	246	565	727	993	1010
14	525	570	264	367	302	490	395	255	480	767	1050	949
15	567	408	272	363	295	515	401	291	402	771	1100	906
16	629	331	313	353	323	412	473	303	346	745	1120	885
17	656	342	227	396	330	333	535	337	364	753	1100	862
18	660	489	218	420	320	368	524	494	566	846	1130	940
19	655	498	235	412	361	370	548	481	724	881	1150	902
20	631	437	217	438	397	337	619	429	679	866	1140	910
21	668	411	226	468	455	372	751	474	612	855	1100	1000
22	660	431	245	442	482	362	753	500	547	867	1010	1000
23	637	427	267	461	475	378	755	457	521	863	960	1040
24	624	363	291	468	452	385	769	409	460	743	893	732
25	722	376	306	503	423	406	814	363	441	819	773	782
26	576	371	346	500	368	449	843	393	542	958	712	882
27	509	291	366	516	305	482	827	439	564	950	788	960
28	---	317	367	539	450	463	703	454	585	772	889	959
29	478	329	345	533	---	454	699	459	602	677	900	999
30	540	344	330	515	---	459	612	944	646	696	898	980
31	462	---	340	572	---	525	---	1030	---	585	905	---
MONTH	---	436	---	---	338	---	---	423	700	830	970	937

07344410 RED RIVER ABOVE SHREVEPORT, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 32°32'57", long 93°45'51", in lot 14, T.18 N., R.14 W., Caddo Parish, near left bank, 2.7 mi (4.3 km) northeast of Shreveport courthouse, 4.9 mi (7.9 km) upstream from mouth of Cross Bayou, and 5.4 mi (8.7 km) upstream from gaging station at Illinois Central Railroad bridge at Shreveport (sta 07348500).

DRAINAGE AREA.--57,100 mi^2 (147,890 km^2), approximately.

PERIOD OF RECORD.--Chemical analyses: July 1974 to current year.
Water temperatures: October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL IRON IN BOTTOM MA-TERIAL (UG/G)	TOTAL MAN-GANESE (MN) (UG/L)	SUS-PENDED MAN-GANESE (MN) (UG/L)	TOTAL CAL-CIUM (CA) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	TOTAL MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	TOTAL SODIUM (NA) (MG/L)
OCT.												
10...	1145	5.6	4000	40	--	190	160	43	31	12	8.3	55
25...	0800	6.1	1400	110	--	140	--	--	42	--	10	--
NOV.												
06...	1115	6.0	25000	40	--	690	690	42	24	27	4.1	9.8
20...	1110	5.8	8500	--	--	--	--	--	34	--	6.9	--
DEC.												
04...	0730	6.3	13000	60	--	370	210	27	21	7.8	5.0	23
17...	1745	6.7	8700	--	--	290	--	--	22	--	5.0	--
JAN.												
02...	1745	7.2	3100	70	--	180	170	--	34	--	6.0	--
15...	1230	7.1	2400	50	--	100	100	100	31	18	7.1	32
29...	1445	8.4	1600	--	--	130	--	--	49	--	10	--
FEB.												
13...	0940	6.0	9500	--	--	260	--	--	26	--	4.8	--
26...	1740	5.9	4000	50	--	190	160	43	36	9.0	7.6	38
MAR.												
13...	0800	5.6	3100	10	--	120	80	36	43	9.9	9.7	48
26...	1730	5.8	4400	--	--	120	--	--	31	--	6.4	--
APR.												
10...	1700	5.8	4500	80	--	160	150	38	35	11	7.3	36
22...	1830	5.5	4300	--	--	160	--	--	55	--	13	--
MAY												
07...	0730	5.4	15000	10	--	570	560	55	24	19	5.3	17
30...	0930	5.2	2700	--	--	170	--	--	40	--	9.2	--
JUNE												
03...	1740	5.8	14000	50	--	500	490	75	66	30	18	90
19...	0700	6.1	6000	--	--	210	--	--	39	--	9.6	--
JULY												
02...	1730	.5	4700	--	--	210	--	--	58	--	17	--
16...	1930	1.6	1100	30	--	170	130	54	59	17	18	70
29...	0730	1.7	540	--	--	120	--	--	--	--	--	--
AUG.												
13...	2000	4.9	2600	20	--	150	140	--	67	--	20	--
27...	1730	6.2	1400	--	--	120	--	--	--	--	--	--
SEP.												
09...	1500	8.3	640	0	1700	130	110	--	72	--	20	--
23...	1500	7.2	750	--	--	160	--	--	--	--	--	--

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED SODIUM (NA) (MG/L)	TOTAL PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)
OCT.												
10...	--	3.2	3.1	82	0	67	51	87	.2	--	--	.07
25...	--	--	--	116	0	95	60	96	.0	.01	.01	.03
NOV.												
06...	10	8.0	3.2	93	0	76	13	12	.2	.08	.08	.10
20...	44	--	3.1	83	0	68	49	70	.1	.05	.04	.09
DEC.												
04...	24	3.8	2.6	65	0	53	27	36	.1	.07	.02	.07
17...	21	--	2.6	71	0	58	24	32	.2	.11	.01	.18
JAN.												
02...	22	--	2.7	104	0	85	24	30	.2	.11	.03	.08
15...	31	8.0	2.8	100	0	82	38	47	.2	.23	.01	.10
29...	38	--	2.6	159	0	130	43	61	.1	.14	.01	.09
FEB.												
13...	26	--	2.9	74	0	61	30	38	.0	.13	.02	.10
26...	36	3.8	2.6	107	0	88	39	53	.3	.18	.04	.07
MAR.												
13...	60	3.7	3.0	111	0	91	62	90	.1	.50	.03	.08
26...	36	--	2.5	89	0	73	41	52	.2	.08	.03	.08
APR.												
10...	39	3.9	2.4	87	0	71	45	61	.1	.07	.03	.08
22...	65	--	3.2	139	0	114	73	110	.3	.17	.01	.20
MAY												
07...	18	4.3	2.2	82	0	67	19	26	.3	.16	.04	.10
30...	36	--	2.7	126	0	103	40	54	.1	.03	.01	.01
JUNE												
03...	100	7.0	3.9	138	0	113	110	--	.2	.31	.01	.06
19...	44	--	2.8	102	0	84	52	80	.2	.06	.07	.01
JULY												
02...	85	--	3.6	137	0	112	96	140	.2	.00	.01	.02
16...	73	4.2	3.5	--	0	--	71	100	.2	.00	.00	.07
29...	--	--	--	190	0	156	25	110	.3	.00	.00	.12
AUG.												
13...	110	--	4.7	146	0	120	110	170	.3	--	--	--
27...	--	--	--	146	0	120	68	100	.2	.00	.00	.00
SEP.												
09...	100	--	4.3	204	0	167	96	150	.3	.05	.00	.01
23...	--	--	--	216	0	177	99	150	.3	.00	.00	.01

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM MA-TERIAL (MG/KG)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
OCT.												
10...	.55	.14	--	322	--	--	80	--	110	44	538	7.8
25...	.63	.10	--	366	--	60	70	--	150	51	618	7.5
NOV.												
06...	.91	.33	--	128	118	--	665	--	77	1	213	7.7
20...	.86	.22	--	258	254	800	379	--	110	45	483	7.9
DEC.												
04...	.49	--	--	--	154	--	190	--	73	20	284	7.3
17...	1.3	.21	--	158	149	210	457	--	76	17	276	7.9
JAN.												
02...	1.1	.16	--	166	177	--	216	--	110	24	313	7.7
15...	.66	.11	--	--	214	--	511	--	110	25	387	7.3
29...	.44	.12	--	300	290	64	66	--	160	30	534	7.6
FEB.												
13...	.76	.16	--	165	170	320	391	--	85	24	316	7.4
26...	.70	.12	--	255	233	--	182	--	120	32	403	7.5
MAR.												
13...	.56	.13	--	341	328	240	134	--	150	59	609	7.6
26...	.62	.12	--	225	219	--	229	--	100	27	404	7.4
APR.												
10...	.68	.15	--	264	239	--	195	--	120	49	444	7.8
22...	1.2	.12	--	429	393	--	186	--	190	76	770	7.7
MAY												
07...	.86	.07	--	152	141	--	272	--	82	15	265	7.4
30...	.75	.19	--	273	249	--	129	--	140	34	462	7.8
JUNE												
03...	1.0	.31	--	566	--	730	577	--	240	130	938	7.5
19...	.73	.16	--	322	284	--	227	--	140	56	540	7.7
JULY												
02...	.67	.14	--	526	468	--	241	--	210	98	896	7.7
16...	.59	.06	--	438	--	110	53	--	220	220	771	7.8
29...	1.2	.06	--	487	--	--	34	--		--	821	7.7
AUG.												
13...	--	--	--	618	559	120	97	--	250	130	1020	7.8
27...	.56	.09	--	428	--	--	52	--	--	--	742	7.7
SEP.												
09...	.22	.02	79	586	552	30	47	15400	260	95	987	8.0
23...	.43	.08	--	608	--	--	41	--	--	--	1020	8.1

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	TURBIDITY (NTU)	DISSOLVED OXYGEN (MG/L)	COD IN BOTTOM MATERIAL (MG/KG)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)
OCT.											
10...	21.0	60	60	--	7.5	--	21	4.3	--	11	3.9
25...	19.0	30	30	--	7.2	--	16	--	8000	21	24
NOV.											
06...	18.0	--	260	--	6.7	--	16	4.0	440	1.3	2.0
20...	14.0	--	170	--	8.6	--	22	2.1	--	--	--
DEC.											
04...	6.5	--	120	--	10.2	--	16	1.9	1400	--	--
17...	8.5	90	140	--	10.2	--	18	2.8	--	.0	.0
JAN.											
02...	10.0	90	55	--	9.7	--	18	2.0	--	2.9	.0
15...	8.5	100	75	--	9.3	--	18	1.3	4500	4.7	.0
29...	14.5	30	35	--	9.4	--	14	2.6	--	9.2	.9
FEB.											
13...	9.0	100	80	--	10.5	--	27	3.5	--	3.5	1.2
26...	12.0	60	80	--	9.8	--	18	4.5	2300	7.7	.0
MAR.											
13...	10.0	40	60	70	10.2	--	22	2.8	1800	6.9	.7
26...	15.0	60	65	90	9.1	--	15	1.0	--	5.0	.9
APR.											
10...	15.0	10	90	--	8.7	--	15	2.1	2500	1.5	.4
22...	20.5	5	60	80	9.2	--	26	2.6	--	--	--
MAY											
07...	23.5	--	75	--	6.6	--	28	.4	2800	--	--
30...	24.5	35	45	50	6.8	--	19	2.9	--	--	--
JUNE											
03...	25.0	12	85	--	6.7	--	41	.4	2000	--	--
19...	26.5	15	130	150	6.6	--	19	.8	--	--	--
JULY											
02...	29.5	10	70	100	6.6	--	17	.0	--	--	--
16...	30.0	10	30	--	7.5	--	16	.4	31000	14	2.1
29...	29.5	10	10	10	7.3	--	25	2.4	--	13	.0
AUG.											
13...	30.0	5	55	60	7.2	--	34	1.1	13000	14	4.0
27...	29.0	10	10	10	7.9	--	19	1.0	--	13	2.1
SEP.											
09...	29.0	15	15	15	8.3	12000	22	2.9	150000	21	6.6
23...	22.0	10	15	15	9.0	--	16	2.8	--	8.4	2.2

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOTTOM MATERIAL (MG/G)	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)
OCT.												
10...	1320	1300	48	7.6	.00	2	1	--	.00	--	.0	--
25...	1400	<30	<10	8.7	--	--	1	--	--	--	--	--
NOV.												
06...	12000	560	500	12	.00	1	1	--	.00	--	.0	--
20...	450	120	240	8.6	--	--	0	--	--	--	--	--
DEC.												
04...	2600	380	540	8.5	.00	18	1	--	--	--	--	--
17...	1700	250	520	7.1	--	--	1	--	--	--	--	--
JAN.												
02...	5600	240	180	7.3	--	--	0	--	--	--	--	--
15...	18000	3400	900	5.7	.00	7	0	--	.00	.0	.0	0
29...	350	20	13	6.0	--	--	0	--	--	--	--	--
FEB.												
13...	1800	340	170	7.9	--	--	0	--	--	--	--	--
26...	390	72	--	7.2	.00	4	0	--	.00	.0	.0	0
MAR.												
13...	78000	480	520	7.8	.00	6	0	--	.00	.0	.0	0
26...	400	20	540	8.1	--	--	0	--	--	--	--	--
APR.												
10...	2700	89	40	7.5	.00	0	0	--	.00	.0	.0	0
22...	2100	1000	55	8.5	--	--	0	--	--	--	--	--
MAY												
07...	3000	120	410	13	.00	3	0	--	.00	.0	.0	0
30...	--	370	40	8.3	--	--	0	--	--	--	--	--
JUNE												
03...	1400	340	620	26	.00	11	0	--	.00	.0	.0	0
19...	3400	--	--	6.6	--	--	0	--	--	--	--	--
JULY												
02...	420	48	90	8.8	--	--	0	--	--	--	--	--
16...	150	25	25	6.6	.00	0	1	--	.00	.0	.0	0
29...	940	--	14	7.6	--	--	4	--	--	--	--	--
AUG.												
13...	190	<5	<5	5.4	.00	6	8	--	.00	--	.0	--
27...	--	22	--	4.0	--	--	0	--	--	--	--	--
SEP.												
09...	370	--	2000	6.0	.00	1	0	.0	.00	--	.0	--
23...	--	<5	96	4.6	--	--	0	--	--	--	--	--

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)	DIELDRIN IN BOTTOM MATERIAL (1G/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)
OCT.												
10...	.00	--	.00	--	.00	--	.00	.00	--	.00	--	.00
25...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
06...	.00	--	.00	--	.00	--	.00	.00	--	.00	--	.00
20...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
02...	--	--	--	--	--	--	--	--	--	--	--	--
15...	.00	.0	.00	.8	.00	.0	.00	.00	.0	.00	.0	.00
29...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
13...	--	--	--	--	--	--	--	--	--	--	--	--
26...	.00	.0	.00	.4	.00	.0	.01	.00	.0	.00	.0	.00
MAR.												
13...	.00	.1	.00	1.0	<.01	.2	.00	.00	.0	.00	.0	.00
26...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
10...	.00	.8	.00	.2	.00	.5	.01	.00	.3	.00	.1	.00
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	.00	.7	.00	2.8	<.01	.4	.00	<.01	.0	.00	.0	.00
30...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
03...	.00	.0	.00	1.2	.00	1.1	.00	.00	.0	.00	.0	.00
19...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
02...	--	--	--	--	--	--	--	--	--	--	--	--
16...	.00	.0	<.01	.0	.00	.0	.00	.00	1.5	.00	.1	.00
29...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
13...	.00	--	.00	--	.00	--	.04	.00	--	.00	--	.00
27...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	.00	--	.00	--	.00	--	.00	.00	--	.00	--	.00
23...	--	--	--	--	--	--	--	--	--	--	--	--

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)
OCT.												
10...	.00	--	.00	--	.00	--	.00	.00	.00	.00	.0	--
25...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
06...	.00	--	.00	--	.00	--	.00	.00	.00	.00	.0	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
02...	--	--	--	--	--	--	--	--	--	--	--	--
15...	.00	.0	.00	.0	.00	.0	.00	.00	.00	.00	.0	0
29...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
13...	--	--	--	--	--	--	--	--	--	--	--	--
26...	.00	.0	.00	.0	.00	.0	.00	.00	.00	.00	.0	0
MAR.												
13...	.00	.0	.00	.0	.00	.0	.00	.00	.00	.00	.0	0
26...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
10...	.00	.0	.00	.0	.00	.0	.00	.00	.00	.00	.0	0
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	.00	.0	.00	.0	.00	.0	.00	.00	.00	.00	.0	0
30...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
03...	.00	.0	.00	.0	.00	.0	.00	.00	.00	.00	.0	0
19...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
02...	--	--	--	--	--	--	--	--	--	--	--	--
16...	.00	.0	.00	.0	.00	.0	.00	.00	.00	.00	.0	0
29...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
13...	.00	--	.00	--	.00	--	.00	.01	.00	.00	.0	--
27...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	.00	--	.00	--	.00	--	.00	.00	.00	.00	.0	--
23...	--	--	--	--	--	--	--	--	--	--	--	--

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MATERIAL (UG/G)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MATERIAL (UG/G)
OCT.												
10...	0	--	.00	.00	.00	.00	5	1	--	0	0	--
25...	--	--	--	--	--	--	2	2	--	0	0	--
NOV.												
06...	0	--	.00	.00	.01	.00	10	1	--	0	0	--
20...	--	--	--	--	--	--	6	--	--	4	--	--
DEC.												
04...	--	--	--	--	--	--	4	1	--	2	2	--
17...	--	--	--	--	--	--	1	--	--	0	--	--
JAN.												
02...	--	--	--	--	--	--	2	--	--	1	1	--
15...	0	0	.00	.00	.00	.00	1	0	--	0	1	--
29...	--	--	--	--	--	--	1	--	--	1	--	--
FEB.												
13...	--	--	--	--	--	--	5	--	--	0	--	--
26...	0	0	.00	.00	.00	.00	4	0	--	1	0	--
MAR.												
13...	0	0	.00	.00	.00	.00	4	0	--	0	0	--
26...	--	--	--	--	--	--	2	--	--	1	--	--
APR.												
10...	0	0	.00	.01	.00	.00	2	1	--	1	0	--
22...	--	--	--	--	--	--	2	--	--	0	--	--
MAY												
07...	0	0	.00	.06	.00	.00	5	1	--	0	0	--
30...	--	--	--	--	--	--	3	--	--	0	--	--
JUNE												
03...	0	0	.00	.03	.02	.00	6	1	--	0	0	--
19...	--	--	--	--	--	--	3	--	--	0	--	--
JULY												
02...	--	--	--	--	--	--	3	--	--	0	--	--
16...	0	0	.00	.50	.20	.00	1	0	--	0	0	--
29...	--	--	--	--	--	--	1	--	--	0	--	--
AUG.												
13...	0	--	.00	.02	.01	.00	1	1	--	0	0	--
27...	--	--	--	--	--	--	3	--	--	1	--	--
SEP.												
09...	0	--	.00	.00	.00	.00	2	1	3	0	0	<10
23...	--	--	--	--	--	--	2	--	--	0	--	--

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	TOTAL CHROMIUM IN BOTTOM MATERIAL (UG/G)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL COBALT (CO) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)
OCT.											
10...	<10	0	--	0	0	0	6	3	9	3	--
25...	<10	0	--	--	1	0	9	3	5	4	--
NOV.											
06...	30	0	--	0	13	0	23	9	22	1	--
20...	<10	--	--	--	--	--	--	--	--	--	--
DEC.											
04...	20	0	--	0	22	2	14	5	13	4	--
17...	2	--	--	--	7	--	12	--	16	--	--
JAN.											
02...	10	--	--	1	3	0	5	8	7	0	--
15...	20	1	--	1	1	1	5	4	6	1	--
29...	<10	--	--	--	0	--	2	--	7	--	--
FEB.											
13...	20	--	--	--	4	--	12	--	16	--	--
26...	<10	0	--	0	5	2	7	5	10	0	--
MAR.											
13...	<10	0	--	0	3	0	5	3	2	3	--
26...	<10	--	--	--	4	--	6	--	4	--	--
APR.											
10...	15	0	--	0	0	3	4	6	8	2	--
22...	<10	--	--	--	0	--	9	--	6	--	--
MAY											
07...	10	0	--	0	10	0	19	4	17	0	--
30...	--	--	--	--	0	--	5	--	3	--	--
JUNE											
03...	30	0	--	0	5	1	16	6	12	2	--
19...	<10	--	--	--	4	--	7	--	10	--	--
JULY											
02...	<10	--	--	--	2	--	7	--	6	--	--
16...	<10	0	--	0	0	0	4	4	0	0	--
29...	<10	--	--	--	0	--	8	--	4	--	--
AUG.											
13...	<10	0	--	0	0	0	6	1	2	0	--
27...	20	--	--	--	0	--	3	--	4	--	--
SEP.											
09...	<10	0	<10	0	0	0	3	4	5	0	<10
23...	10	--	--	--	0	--	3	--	9	--	--

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)
OCT.									
10...	.3	.2	--	0	0	50	50	--	--
25...	.2	--	--	0	0	20	90	--	<5.0
NOV.									
06...	.1	.1	--	0	0	50	10	--	--
20...	.1	--	--	--	--	10	--	--	<4.4
DEC.									
04...	.2	.3	--	0	0	140	7	--	--
17...	.1	--	--	0	--	10	--	--	2.4
JAN.									
02...	.0	--	--	0	--	4	8	--	--
15...	.0	.0	--	0	0	20	10	--	--
29...	.3	--	--	0	--	20	--	--	38
FEB.									
13...	.0	--	--	0	--	10	--	--	<2.2
26...	.3	.3	--	0	0	20	10	--	--
MAR.									
13...	.1	.1	--	0	0	20	7	--	12
26...	.1	--	--	1	--	10	--	--	--
APR.									
10...	.0	.0	--	1	1	40	30	--	--
22...	.4	--	--	0	--	60	--	--	--
MAY									
07...	.2	.1	--	0	0	50	3	--	--
30...	.4	--	--	0	--	40	--	--	--
JUNE									
03...	.0	.0	--	0	0	70	8	--	<6.1
19...	.1	--	--	0	--	20	--	--	--
JULY									
02...	.4	--	--	0	--	40	--	--	--
16...	.1	.0	--	0	0	10	0	--	11
29...	.0	--	--	1	--	20	--	--	--
AUG.									
13...	.7	.2	--	1	0	60	30	--	<7.9
27...	.1	--	--	0	--	30	--	--	--
SEP.									
09...	.2	.0	.2	0	0	20	5	<10	11
23...	.0	--	--	0	--	10	--	--	--

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	SUS-PENDED GROSS BETA AS CS-137 (PC/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED NATURAL URANIUM (U) (UG/L)	DIS-SOLVED URANIUM (U) (UG/L)
OCT.								
10...	--	--	--	--	--	--	--	--
25...	4.2	6.1	3.4	4.9	2.7	.05	--	.55
NOV.								
06...	--	--	--	--	--	--	--	--
20...	82	4.1	29	3.4	24	.06	--	.33
DEC.								
04...	--	--	--	--	--	--	--	--
17...	13	4.2	6.6	3.3	5.3	.06	--	.15
JAN.								
02...	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--
29...	3.5	7.7	3.1	6.2	2.5	.07	--	.72
FEB.								
13...	19	4.5	12	3.7	9.4	.10	--	.26
26...	--	--	--	--	--	--	--	--
MAR.								
13...	18	6.8	11	5.6	8.6	.09	--	.51
26...	--	--	--	--	--	--	--	--
APR.								
10...	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--
MAY								
07...	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--
JUNE								
03...	47	8.6	30	6.8	24	.13	--	1.3
19...	--	--	--	--	--	--	--	--
JULY								
02...	--	--	--	--	--	--	--	--
16...	6.0	8.4	5.2	6.8	4.1	.07	--	1.1
29...	--	--	--	--	--	--	--	--
AUG.								
13...	7.3	13	5.0	10	4.1	.10	--	1.2
27...	--	--	--	--	--	--	--	--
SEP.								
09...	1.8	9.8	1.6	7.9	1.3	.10	1.2	--
23...	--	--	--	--	--	--	--	--

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	242	528	318	330	546	380	476	734	---	673	644	943
2	354	544	307	284	407	382	476	578	883	672	644	892
3	355	539	301	282	372	456	479	577	886	926	639	895
4	561	370	298	277	363	457	386	579	886	932	1030	892
5	563	232	307	287	273	455	388	575	883	931	1050	894
6	637	232	299	285	238	454	386	209	1020	933	1040	891
7	631	---	375	302	222	456	386	210	1020	925	1120	983
8	636	---	408	325	226	543	451	207	1020	849	1100	984
9	573	694	407	319	290	542	443	211	1020	845	1120	989
10	572	689	302	320	284	541	440	206	1040	847	1120	986
11	566	684	219	321	283	541	455	251	1020	847	1120	951
12	510	631	229	328	286	559	458	249	556	760	1080	950
13	508	617	210	332	220	567	456	251	550	761	1130	948
14	508	613	319	407	303	563	455	239	555	757	1070	952
15	605	360	320	405	302	566	457	237	554	757	1130	907
16	596	351	325	420	299	355	537	353	398	772	1120	905
17	603	341	232	418	300	354	538	352	398	768	1180	905
18	653	505	219	420	408	353	538	352	400	772	1180	905
19	653	508	224	420	408	355	541	353	422	896	1180	898
20	652	409	253	435	407	366	698	433	603	900	1180	894
21	660	405	257	433	408	361	703	433	596	896	1090	895
22	663	408	245	433	405	360	697	431	604	901	1090	894
23	660	380	250	481	499	373	837	423	599	857	1090	---
24	627	375	310	479	504	376	837	417	478	852	1080	740
25	629	385	312	520	454	410	836	420	476	856	741	740
26	574	318	314	519	447	406	836	416	586	891	738	740
27	574	331	371	519	380	375	835	403	588	887	738	743
28	542	311	373	540	381	376	733	452	586	---	730	971
29	543	328	370	549	---	457	732	1010	586	---	943	971
30	509	330	341	539	---	465	733	---	669	686	942	971
31	507	---	334	539	---	467	---	---	---	685	944	---
MONTH	563	---	302	402	354	441	574	---	---	---	1000	---

07344410 RED RIVER ABOVE SHREVEPORT, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.0	20.0	9.0	13.0	19.0	15.0	15.0	22.0	23.0	28.0	29.0	29.0
2	19.0	21.0	10.0	11.0	18.0	16.0	15.0	22.0	24.0	28.0	28.0	30.0
3	19.0	21.0	9.0	10.0	14.0	10.0	14.0	22.0	24.0	28.0	29.0	30.0
4	22.0	21.0	9.0	10.0	12.0	10.0	15.0	23.0	24.0	28.0	29.0	30.0
5	23.0	17.0	10.0	9.0	12.0	10.0	15.0	23.0	24.0	28.0	---	30.0
6	19.0	17.0	10.0	9.0	9.0	10.0	15.0	26.0	25.0	29.0	29.0	30.0
7	18.0	---	12.0	15.0	9.0	10.0	15.0	25.0	26.0	29.0	30.0	29.0
8	19.0	---	10.0	15.0	10.0	11.0	15.0	25.0	26.0	30.0	30.0	29.0
9	21.0	18.0	9.0	13.0	9.0	12.0	16.0	24.0	25.0	27.0	30.0	29.0
10	21.0	18.0	10.0	12.0	10.0	12.0	16.0	25.0	25.0	27.0	31.0	29.0
11	22.0	18.0	10.0	10.0	11.0	12.0	15.0	25.0	25.0	29.0	31.0	29.0
12	22.0	17.0	13.0	10.0	10.0	10.0	15.0	25.0	26.0	29.0	29.0	29.0
13	23.0	17.0	15.0	10.0	10.0	10.0	15.0	25.0	26.0	29.0	29.0	24.0
14	23.0	16.0	---	11.0	11.0	9.0	15.0	26.0	25.0	29.0	30.0	24.0
15	20.0	12.0	---	12.0	12.0	9.0	15.0	26.0	25.0	29.0	29.0	24.0
16	20.0	13.0	---	12.0	13.0	10.0	17.0	25.0	26.0	29.0	29.0	24.0
17	20.0	13.0	8.0	12.0	12.0	10.0	19.0	---	27.0	29.0	---	24.0
18	21.0	17.0	9.0	11.0	11.0	11.0	20.0	---	27.0	29.0	---	24.0
19	21.0	19.0	9.0	11.0	11.0	12.0	20.0	25.0	27.0	29.0	---	24.0
20	21.0	15.0	10.0	10.0	11.0	15.0	20.0	26.0	27.0	29.0	---	24.0
21	20.0	15.0	12.0	9.0	12.0	15.0	20.0	26.0	27.0	29.0	---	24.0
22	19.0	15.0	14.0	10.0	12.0	15.0	20.0	26.0	27.0	29.0	---	24.0
23	19.0	16.0	14.0	10.0	10.0	16.0	22.0	25.0	27.0	30.0	---	24.0
24	20.0	16.0	15.0	10.0	10.0	16.0	23.0	25.0	28.0	30.0	---	24.0
25	20.0	15.0	10.0	11.0	12.0	15.0	24.0	25.0	28.0	30.0	28.0	22.0
26	20.0	15.0	10.0	12.0	15.0	15.0	24.0	25.0	29.0	30.0	29.0	20.0
27	20.0	14.0	13.0	13.0	13.0	13.0	24.0	25.0	29.0	30.0	29.0	20.0
28	21.0	14.0	12.0	---	---	---	21.0	25.0	29.0	---	29.0	22.0
29	22.0	15.0	12.0	---	---	14.0	21.0	25.0	29.0	30.0	28.0	22.0
30	20.0	11.0	13.0	---	---	12.0	22.0	25.0	28.0	30.0	28.0	22.0
31	20.0	---	13.0	19.0	---	12.0	---	23.0	---	30.0	28.0	---
MONTH	20.5	---	---	---	12.0	---	18.0	---	26.5	---	---	25.5

07350500 RED RIVER AT COUSHATTA, LA.

LOCATION.--Lat 32°00'45", long 93°21'10", Red River Parish, in lot 23, T.12 N., R.10 W., at bridge on U.S. Highway 84 at Coushatta, 11.0 mi (17.7 km) downstream from Coushatta Bayou, and at mile 242.4 (390.0 km).

DRAINAGE AREA.--63,362 mi^2 (164,108 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1969 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	TOTAL IRON (FE) (UG/L)	TOTAL CALCIUM (CA) (MG/L)	TOTAL MAGNESIUM (MG) (MG/L)	TOTAL SODIUM (NA) (MG/L)	TOTAL POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
OCT.										
10...	0900	2300	40	12	47	6.0	76	0	62	52
25...	1000	1300	--	--	--	--	--	0	--	--
NOV.										
06...	0830	30000	--	--	--	--	--	0	--	--
20...	0910	11000	--	--	--	--	--	0	--	--
DEC.										
04...	1100	9000	--	--	--	--	--	0	--	--
17...	1510	9600	--	--	--	--	--	0	--	--
JAN.										
02...	1520	3600	--	--	--	--	--	0	--	--
15...	1130	3700	28	7.4	22	4.2	72	0	59	21
29...	1245	2000	--	--	--	--	--	0	--	--
FEB.										
13...	1235	6600	--	--	--	--	--	0	--	--
26...	1525	4100	--	--	--	--	--	0	--	--
MAR.										
12...	1545	3800	--	--	--	--	--	0	--	--
27...	1100	4900	--	--	--	--	--	0	--	--
APR.										
10...	1430	5000	31	10	33	4.2	86	0	71	38
22...	1630	5100	--	--	--	--	--	0	--	--
MAY										
06...	1705	5300	--	--	--	--	--	0	--	--
30...	1330	2700	--	--	--	--	--	0	--	--
JUNE										
03...	1600	15000	--	--	--	--	--	0	--	--
18...	1430	7300	--	--	--	--	--	0	--	--
JULY										
02...	1530	4300	--	--	--	--	--	0	--	--
16...	1750	1200	40	13	52	3.4	--	0	--	51
29...	1430	430	--	--	--	--	218	0	179	--
AUG.										
13...	1730	2100	--	--	--	--	143	0	117	--
27...	1530	450	--	--	--	--	158	0	130	--
SEP.										
09...	1300	1500	--	--	--	--	160	0	131	--
23...	1245	730	--	--	--	--	222	0	182	--

07350500 RED RIVER AT COUSHATTA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
OCT.										
10...	81	--	--	.14	.71	--	326	248	504	7.9
25...	--	.01	.01	.02	.56	.11	324	35	541	7.7
NOV.										
06...	--	.08	.12	.12	1.3	.56	134	1040	242	7.6
20...	--	.06	.06	.17	.51	.29	266	527	455	7.9
DEC.										
04...	--	.07	.02	.13	.50	--	172	296	270	7.5
17...	--	.08	.02	.14	.61	.13	124	450	289	7.7
JAN.										
02...	--	.09	.03	.09	.59	.15	170	255	284	7.7
15...	32	.09	.01	.06	.53	.11	134	498	274	7.4
29...	--	.09	.01	.07	.37	.14	208	60	351	7.3
FEB.										
13...	--	.08	.02	.19	.74	.18	121	344	223	7.4
26...	--	.12	.02	.18	.75	.14	216	202	288	7.2
MAR.										
12...	--	.11	.02	.15	.60	.17	252	142	457	7.7
27...	--	.07	.03	.11	.51	.13	186	196	338	7.7
APR.										
10...	52	.11	.05	.19	1.0	.21	259	41	410	7.6
22...	--	.08	.01	.10	.60	.15	234	123	519	7.6
MAY										
06...	--	.13	.03	.10	.82	.06	181	161	331	7.2
30...	--	.02	.01	.01	.55	.08	201	121	320	7.7
JUNE										
03...	--	.32	.01	.03	.87	.31	491	667	834	7.5
18...	--	.10	.05	.01	.72	.15	186	329	309	7.7
JULY										
02...	--	.00	.01	.01	.70	.14	333	313	594	7.7
16...	77	.00	.00	.00	.57	.10	318	65	591	7.7
29...	--	.01	.01	.06	.82	.08	426	36	731	7.9
AUG.										
13...	--	.04	.00	.01	.77	.11	741	80	1030	7.6
27...	--	.00	.00	.00	.54	.09	544	34	911	7.6
SEP.										
09...	--	.00	.00	.06	1.4	.10	403	52	717	7.9
23...	--	.00	.00	.08	1.0	.13	481	25	824	8.1

07350500 RED RIVER AT COUSHATTA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT.										
10...	20.0	--	65	7.4	1.8	20	19	--	1400	980
25...	19.0	--	25	7.9	--	19	25	--	5200	180
NOV.										
06...	17.5	--	260	6.8	3.6	14	26	--	5400	830
20...	14.0	--	200	8.7	2.2	--	--	--	3600	180
DEC.										
04...	8.0	--	65	10.5	3.9	--	--	--	4100	400
17...	9.0	--	120	9.8	2.4	.0	.0	--	2400	500
JAN.										
02...	11.0	--	55	9.4	2.0	4.1	.1	--	3700	1100
15...	8.0	--	80	10.4	2.6	3.3	.0	6000	1100	700
29...	14.5	--	35	9.6	2.2	.0	.0	--	2700	360
FEB.										
13...	10.0	--	80	10.0	3.9	--	--	--	2300	300
26...	14.0	--	60	9.8	2.7	.0	.0	--	2800	710
MAR.										
12...	13.5	40	55	9.6	--	6.5	2.0	--	4100	520
27...	15.5	45	65	8.8	3.3	4.3	1.2	--	6600	720
APR.										
10...	15.5	25	125	8.8	3.2	4.2	.8	--	--	--
22...	20.5	20	60	8.0	1.5	--	--	31000	570	--
MAY										
06...	23.5	--	65	7.2	--	--	--	--	2300	1100
30...	25.0	55	40	6.6	1.1	--	--	--	3100	560
JUNE										
03...	25.5	16	85	6.3	--	--	--	--	9000	560
18...	27.0	30	160	6.5	.3	--	--	--	6500	330
JULY										
02...	29.5	15	65	6.5	.3	--	--	--	7000	800
16...	29.5	5	25	7.6	1.1	14	2.3	--	4000	380
29...	30.0	10	10	8.5	--	14	1.3	--	--	1100
AUG.										
13...	30.0	5	45	7.2	1.1	20	1.6	--	1200	110
27...	29.5	10	10	8.0	2.6	10	.8	--	3600	--
SEP.										
09...	28.0	15	25	7.3	2.9	8.9	1.0	--	--	150
23...	21.5	10	1	8.7	5.9	19	2.2	--	1900	950

07350500 RED RIVER AT COUSHATTA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DEPOSITS (UG/G)	TOTAL CHROMIUM (CR) (UG/L)	TOTAL CHROMIUM IN BOTTOM DEPOSITS (UG/G)	TOTAL LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)
OCT.										
10...	8.5	1	5	0	--	20	--	8	.4	20
25...	9.1	2	2	0	--	<10	--	5	.1	5
NOV.										
06...	17	1	0	0	--	30	--	26	.1	80
20...	--	2	7	5	--	<10	--	--	.0	20
DEC.										
04...	11	4	6	4	--	10	--	11	.2	40
17...	7.5	1	2	1	--	1	--	32	.1	150
JAN.										
02...	8.1	1	2	1	--	<10	--	9	.0	10
15...	7.6	0	1	0	--	20	--	7	.0	20
29...	6.3	0	2	2	--	<10	--	4	.0	8
FEB.										
13...	9.4	0	3	1	--	10	--	20	.0	10
26...	7.8	0	3	1	--	<10	--	8	.2	20
MAR.										
12...	8.2	0	3	0	--	<10	--	10	.2	30
27...	7.8	0	5	1	--	<10	--	10	.0	40
APR.										
10...	19	0	3	1	--	<10	--	61	.0	110
22...	8.9	0	2	0	--	<10	--	8	.1	10
MAY										
06...	13	0	4	0	--	<10	--	12	.4	40
30...	10	0	1	0	--	<10	--	3	.1	40
JUNE										
03...	11	0	6	1	--	30	--	12	.0	50
18...	8.0	1	3	2	--	<10	--	10	.0	50
JULY										
02...	7.0	0	3	0	--	<10	--	8	.0	60
16...	5.2	3	1	1	--	<10	--	2	.1	90
29...	5.6	9	1	0	--	<10	--	2	.2	60
AUG.										
13...	4.2	4	1	0	--	<10	--	2	.7	50
27...	5.0	0	3	0	--	<10	--	10	.1	30
SEP.										
09...	6.0	0	2	0	<10	<10	<10	8	.2	30
23...	9.0	2	2	0	--	20	--	4	.2	10

07354950 RED RIVER AT COLFAX, LA. (COE NO. 04450)

LOCATION.--Lat 31°30'58", long 92°43'13", lot 38, T.6 N., R.3 W., Grant Parish at mouth of Cane River and 0.3 mi (0.5 km) west of Colfax.

DRAINAGE AREA.--66,860 mi² (173,167 km²), of which 5,396 mi² (15,374 km²) above Denison Dam is noncontributing.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	68	50	32	42	42	55	82	40	62	94	120
2	15	43	38	34	29	49	54	75	92	70	97	120
3	19	44	68	30	47	40	61	100	130	66	100	140
4	21	40	34	32	48	44	60	58	120	86	85	140
5	48	59	28	28	44	51	46	38	120	100	96	140
6	59	24	44	27	28	43	50	43	160	130	70	120
7	74	19	40	27	24	50	46	48	110	100	140	140
8	74	16	24	32	20	48	42	32	130	120	170	210
9	74	30	32	30	22	49	59	22	140	120	160	100
10	74	77	36	36	34	54	61	18	150	84	180	100
11	76	73	36	33	25	42	56	20	120	86	180	100
12	84	93	20	36	28	46	56	20	92	80	180	100
13	82	96	36	35	26	45	56	14	110	70	180	120
14	70	98	28	32	35	45	63	17	80	68	170	110
15	65	82	24	32	42	68	59	18	70	66	160	110
16	76	93	32	40	46	56	60	19	110	68	150	120
17	72	63	22	36	49	39	41	29	54	64	150	120
18	75	52	26	36	39	34	41	21	44	64	100	100
19	70	38	38	46	40	32	50	22	40	68	100	130
20	70	53	42	43	37	35	56	23	43	60	200	140
21	84	110	28	43	44	35	60	33	67	64	190	120
22	84	72	20	51	29	36	54	44	94	62	190	100
23	110	66	40	25	45	34	79	50	84	64	240	100
24	62	57	18	42	51	---	58	40	76	62	210	100
25	87	63	26	51	64	37	82	48	70	64	200	100
26	86	58	22	38	53	38	86	42	62	72	210	120
27	80	54	26	44	59	39	86	34	56	76	190	120
28	87	66	22	52	59	51	92	20	50	76	160	55
29	82	38	---	46	---	110	---	36	50	78	150	140
30	81	40	35	43	---	54	---	29	60	78	140	---
31	61	---	37	---	---	52	---	34	---	68	130	---
MONTH	69	60	32	37	40	--	60	36	88	77	150	120

07355130 RED RIVER AT BOYCE, LA.

LOCATION.--Lat 31°23'37", long 92°40'04", T.5 N., R.3 W., Grant-Rapides Parish line, near center of span on downstream side of bridge on State Highway 8, 0.2 mi (0.3 km) northwest of Boyce, and at mile 135.0 (217.2 km).

DRAINAGE AREA.--66,998 mi^2 (173,525 km^2), of which 5,936 mi^2 (15,374 km^2) above Denison Dam is noncontributing.

PERIOD OF RECORD.--Chemical analyses: November 1972 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT.											
10...	1700	6.5	50	28	7.1	--	3.0	87	0	71	52
25...	1220	6.4	--	27	8.3	--	3.2	94	0	77	50
NOV.											
06...	1745	5.6	60	28	6.4	16	3.0	109	0	89	20
20...	0715	6.8	--	27	5.6	29	2.9	82	0	67	31
DEC.											
04...	1315	6.7	90	22	4.6	24	2.7	68	0	56	25
17...	1210	7.1	110	18	3.6	16	2.5	62	0	51	18
JAN.											
02...	1240	7.9	--	19	4.2	17	2.4	67	0	55	18
15...	0930	7.8	50	19	3.9	17	2.4	60	0	49	19
29...	1020	8.7	--	26	5.7	25	2.1	81	0	66	23
FEB.											
13...	1505	6.3	--	20	4.1	16	2.2	60	0	49	17
26...	1315	6.5	70	26	5.2	28	2.6	69	0	57	28
MAR.											
13...	1500	5.9	--	30	6.4	35	2.6	85	0	70	39
27...	1300	5.9	60	25	5.2	25	2.2	70	0	57	26
APR.											
09...	1400	5.9	--	28	6.0	32	2.5	80	0	66	37
22...	1400	5.2	20	32	7.3	33	2.6	90	0	74	38
MAY											
06...	1450	4.8	--	27	6.2	31	2.4	78	0	64	30
30...	1545	6.5	90	22	5.4	19	--	78	0	64	20
JUNE											
03...	1400	6.2	--	58	14	74	3.3	125	0	103	92
19...	1050	6.4	80	26	6.0	22	2.3	78	0	64	25
JULY											
02...	1315	2.6	--	34	8.6	37	2.6	98	0	80	45
30...	0920	2.0	0	59	18	54	3.3	214	0	176	48
AUG.											
27...	1300	4.9	10	70	19	110	4.3	161	0	132	99
SEP.											
09...	1030	7.7	0	52	14	62	3.4	150	0	123	58

07355130 RED RIVER AT BOYCE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
10...	78	.2	.06	.03	.75	.21	282	--	49	99
25...	78	.1	.02	.00	.59	.13	308	--	173	100
NOV.										
06...	22	.2	.20	.06	--	.80	--	155	1970	96
20...	46	.2	.07	.04	--	.35	218	189	830	90
DEC.										
04...	35	.2	.06	.03	--	.29	158	154	514	74
17...	25	.1	.11	.02	--	.26	--	121	385	60
JAN.										
02...	25	.3	.06	.04	--	.17	136	127	318	65
15...	25	.2	.07	.02	--	.12	--	124	220	64
29...	37	.1	.10	.01	--	.14	172	168	118	88
FEB.										
13...	22	.0	.06	.05	--	.26	113	117	581	67
26...	41	.2	.07	.05	--	.17	182	172	294	86
MAR.										
13...	51	.3	.37	.06	--	.18	218	212	341	100
27...	37	.3	.05	.05	--	.14	162	161	331	84
APR.										
09...	49	.1	.10	.05	--	.19	--	200	332	95
22...	54	.2	.10	.02	--	.15	224	217	182	110
MAY										
06...	48	.3	.15	.04	--	.19	209	188	570	93
30...	27	.3	.07	.02	--	.18	--	139	173	77
JUNE										
03...	130	.2	.30	.00	--	.28	480	439	559	200
19...	33	.7	.09	.07	--	.19	162	160	301	90
JULY										
02...	57	.4	.01	.01	--	.17	265	235	260	120
30...	74	.8	.01	.00	--	.10	378	365	--	220
AUG.										
27...	170	.3	.05	.01	--	.10	594	557	50	250
SEP.										
09...	96	.3	.00	.01	--	.17	386	367	75	190

07355130 RED RIVER AT BOYCE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)
OCT.										
10...	28	495	7.8	22.0	80	70	7.5	5.1	21000	1100
25...	25	523	7.5	19.5	60	50	8.1	--	>15000	2600
NOV.										
06...	7	277	7.7	19.0	--	200	6.8	3.0	12000	2200
20...	23	337	8.0	14.0	100	240	8.4	2.2	3600	2500
DEC.										
04...	18	280	7.4	9.0	--	90	10.2	4.7	22000	2400
17...	9	228	7.8	9.5	100	160	10.1	2.9	17000	2200
JAN.										
02...	10	234	7.7	12.5	100	100	9.0	1.5	49000	2900
15...	14	234	7.4	8.0	--	200	9.8	2.0	14000	3000
29...	22	308	7.2	14.0	100	55	9.6	3.1	11000	1700
FEB.										
13...	18	213	7.4	10.5	100	80	9.7	3.5	11000	2700
26...	29	303	7.2	13.5	42	65	9.4	4.2	3100	1000
MAR.										
13...	30	390	7.6	12.0	80	75	9.8	2.4	13000	1700
27...	27	302	7.8	16.0	20	75	8.7	.4	3900	1000
APR.										
09...	29	374	7.7	15.0	35	80	8.6	2.4	81000	--
22...	36	405	7.6	20.0	30	70	8.2	.8	19000	8100
MAY										
06...	29	382	7.2	23.0	100	75	7.1	2.0	6200	1400
30...	13	262	7.6	25.0	85	60	6.1	1.5	46000	1200
JUNE										
03...	100	812	7.5	25.0	7	90	6.3	.2	14000	2800
19...	26	289	7.7	26.5	35	150	6.4	.6	9700	500
JULY										
02...	40	445	7.6	29.0	20	75	6.5	.2	2700	1300
30...	46	655	7.8	29.5	10	20	6.4	.9	1400	--
AUG.										
27...	120	1130	7.8	29.0	10	20	7.8	2.4	1100	310
SEP.										
09...	64	678	7.7	27.0	15	35	7.3	3.6	3300	--

07355130 RED RIVER AT BOYCE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE (UG/L)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE (UG/L)
OCT.											
10...	15	.00	0	1	.00	--	.0	--	.00	--	.00
NOV.											
06...	20	.00	0	0	.00	--	.0	--	.00	--	.00
DEC.											
04...	15	.00	0	1	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--
JAN.											
15...	8.0	.00	3	0	.00	>0	.0	0	.00	1.1	.00
FEB.											
26...	9.7	.00	5	0	.00	--	.0	--	.00	--	.00
MAR.											
27...	11	.00	7	0	--	--	--	--	--	--	--
APR.											
22...	7.3	.04	3	0	.00	.0	.0	0	.00	.0	.00
MAY											
30...	8.0	.00	5	0	.00	--	.0	--	.00	--	.00
JUNE											
19...	9.2	.00	2	0	.00	--	.0	--	.00	--	.00
JULY											
30...	7.6	--	0	5	.00	>0	.0	0	.00	1.0	.00
AUG.											
27...	4.0	.00	0	0	--	--	--	--	--	--	--
SEP.											
09...	4.4	.00	1	1	.00	--	.0	--	.00	--	.00

DATE	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON (UG/L)	DIELDRIN (UG/L)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)
OCT.											
10...	--	.00	--	.01	.00	--	.00	--	.00	.00	--
NOV.											
06...	--	.00	--	.01	.00	--	.00	--	.00	.00	--
DEC.											
04...	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--
JAN.											
15...	2.3	.00	6.9	.00	.00	.0	.00	.0	.00	.00	.0
FEB.											
26...	--	.00	--	.01	.00	--	.00	--	.00	.00	--
MAR.											
27...	--	--	--	.00	--	--	--	--	.00	--	--
APR.											
22...	.0	.00	.0	.06	.00	.0	.00	.0	.00	.00	.0
MAY											
30...	--	.00	--	.02	.00	--	.00	--	.00	.00	--
JUNE											
19...	--	.00	--	.00	.00	--	<.01	--	.00	.00	--
JULY											
30...	2.0	.00	.0	.01	.00	.0	.00	.0	.00	.00	.0
AUG.											
27...	--	--	--	.03	--	--	--	--	.00	--	--
SEP.											
09...	--	.00	--	.04	.00	--	.00	--	.00	.00	--

07355130 RED RIVER AT BOYCE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR EPOXIDE (UG/L)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)
OCT.											
10...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
NOV.											
06...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
DEC.											
04...	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--
JAN.											
15...	.00	.0	.00	.0	.00	.00	.00	.0	0	0	0
FEB.											
26...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
MAR.											
27...	--	--	--	--	.00	.00	.00	--	--	--	--
APR.											
22...	.00	.0	.00	.0	.00	.00	.00	.0	0	0	0
MAY											
30...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
JUNE											
19...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
JULY											
30...	.00	.0	.00	.0	.00	.00	.00	.0	0	0	0
AUG.											
27...	--	--	--	--	.00	.09	.00	--	--	--	--
SEP.											
09...	.04	--	.00	--	.00	.00	.00	.0	--	0	--

DATE	TRITHION (UG/L)	METHYL TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT.											
10...	.00	.00	.04	.01	.01	--	--	1	--	--	0
NOV.											
06...	.00	.00	.00	.01	.00	--	--	1	--	--	0
DEC.											
04...	--	--	--	--	--	6	5	1	5	1	4
17...	--	--	--	--	--	--	--	--	--	--	0
JAN.											
15...	.00	.00	.00	.00	.00	1	1	0	0	0	0
FEB.											
26...	.00	.00	.18	.00	.00	4	4	0	1	0	1
MAR.											
27...	.00	.00	.01	.00	.00	5	4	1	2	1	1
APR.											
22...	.00	.00	.00	.00	.03	2	1	1	0	0	0
MAY											
30...	.00	.00	.05	.02	.02	3	3	0	0	0	0
JUNE											
19...	.00	.00	.07	.12	.00	3	2	1	--	--	0
JULY											
30...	.00	.00	.07	.03	.00	--	--	0	--	--	0
AUG.											
27...	.00	.00	.00	.04	.00	2	1	1	0	0	0
SEP.											
09...	.00	.00	.00	.00	.00	2	1	1	0	0	0

07355130 RED RIVER AT BOYCE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
10...	--	0	--	--	2	.5	--	--	--	--	20
NOV.											
06...	--	0	--	--	0	>.1	--	--	--	--	10
DEC.											
04...	15	0	13	8	5	.3	.1	.2	50	40	7
17...	--	0	--	--	9	--	--	--	--	--	20
JAN.											
15...	10	1	8	8	0	>.3	.0	.3	20	10	10
FEB.											
26...	<10	0	10	10	0	.3	.0	.3	30	20	10
MAR.											
27...	<10	0	15	14	1	>.0	.0	.0	30	30	4
APR.											
22...	<10	0	5	4	1	.2	.0	.2	10	6	4
MAY											
30...	10	0	10	9	1	.0	.0	.0	10	0	10
JUNE											
19...	--	0	--	--	0	.1	.0	.1	--	--	0
JULY											
30...	--	--	--	--	0	--	--	.1	--	--	30
AUG.											
27...	40	0	26	26	0	>.1	.0	.1	20	20	0
SEP.											
09...	<10	0	10	10	0	.3	.2	.1	20	20	4

07355500 RED RIVER AT ALEXANDRIA, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 31°18'46", long 92°26'34", in SE¼ sec.10, T.4 N., R.1 W., Rapides Parish, at gaging station near center of span on downstream side of old bridge on U.S. Highway 165 between Alexandria and Pineville, and 1.7 mi (2.7 km) downstream from Bayou Rigolette.

DRAINAGE AREA.--67,500 mi² (174,825 km²), of which 5,936 mi² (15,374 km²) above Denison Dam is noncontributing.

PERIOD OF RECORD.--Chemical analyses: January 1973 to current year.
Water temperatures: May 1973 to current year.
Sediment records: October 1972 to September 1974.

REMARKS.--Sediment samples collected and computed by Corps of Engineers, analyzed and reviewed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)
OCT.												
11...	0810	6.8	2700	30	350	20	33	7.1	--	3.1	79	0
NOV.												
07...	0715	5.5	--	--	--	--	27	5.5	15	2.8	90	0
DEC.												
05...	0900	6.7	--	--	--	--	23	4.4	23	2.4	69	0
JAN.												
16...	1000	7.6	4600	80	110	0	18	5.5	18	2.2	63	0
FEB.												
14...	0945	6.3	--	--	--	--	19	3.9	16	2.3	58	0
MAR.												
13...	1600	5.7	--	--	--	--	28	5.9	33	2.4	85	0
APR.												
09...	1530	5.5	5200	50	540	10	28	6.2	32	2.4	79	0
MAY												
06...	1345	5.2	--	--	--	--	30	7.2	34	2.6	85	0
JUNE												
03...	1145	6.2	--	--	--	--	57	14	80	3.2	122	0
JULY												
16...	1500	2.4	6200	20	270	0	33	9.9	39	2.7	--	0
AUG.												
13...	1415	5.8	--	--	--	--	66	18	110	4.4	140	0
SEP.												
09...	1300	7.5	--	--	--	--	51	14	62	3.4	148	0

DATE	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.												
11...	65	50	79	.2	.07	.02	.05	.70	.21	296	--	110
NOV.												
07...	74	18	20	.2	.15	.10	.07	1.0	.54	--	138	90
DEC.												
05...	57	11	37	.2	.05	.05	.09	.70	--	146	142	76
JAN.												
16...	52	19	26	.1	.08	.02	.05	.53	.14	118	128	68
FEB.												
14...	48	17	23	.0	.07	.04	.17	.83	.19	114	116	64
MAR.												
13...	70	35	48	.2	.08	.05	.10	.67	.21	202	200	94
APR.												
09...	65	34	48	.1	.07	.06	.07	.79	.24	211	195	95
MAY												
06...	70	33	52	.2	.12	.05	.09	.84	.15	219	206	100
JUNE												
03...	100	87	120	.2	.32	.01	.01	.60	.30	480	428	200
JULY												
16...	--	39	60	.2	.00	.01	.04	.44	.13	266	--	120
AUG.												
13...	115	110	170	.3	.15	.01	.01	1.1	.20	605	554	240
SEP.												
09...	121	57	95	.3	.00	.01	.04	.73	.12	375	363	190

07355500 RED RIVER AT ALEXANDRIA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 11...	47	498	7.8	21.0	--	75	7.5	2.5	5200	5300	5000	120
NOV. 07...	16	265	7.7	17.5	--	250	6.7	4.7	44	--	2600	630
DEC. 05...	19	281	7.5	8.5	--	150	10.3	2.3	400	--	2500	500
JAN. 16...	16	243	7.3	8.5	--	100	9.9	2.2	320	--	2600	650
FEB. 14...	16	209	7.2	10.0	--	80	10.4	3.7	980	--	1100	280
MAR. 13...	24	381	7.6	11.5	60	75	9.2	1.8	1400	--	2100	1000
APR. 09...	30	358	7.8	15.5	45	80	8.2	2.5	1800	--	2000	1200
MAY 06...	35	403	7.3	23.0	--	80	7.0	2.2	3900	--	1200	1900
JUNE 03...	100	775	7.4	25.0	21	90	6.2	.6	2600	--	2600	760
JULY 16...	--	454	7.4	29.0	20	55	6.4	.0	2800	--	510	120
AUG. 13...	120	1010	7.7	30.0	5	140	6.2	.1	2100	--	480	36
SEP. 09...	64	669	8.2	--	8	45	8.6	3.9	48000	--	380	10

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	TOTAL ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT. 11...	11	7	1	0	0	20	0	12	3	13
JAN. 16...	8.9	2	0	1	0	20	1	7	0	6
APR. 09...	13	3	0	2	0	<10	0	14	2	24
JULY 16...	8.0	3	0	1	0	<10	0	12	0	9

DATE	DISSOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	DISSOLVED SELENIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 11...	4	16	2	.4	.2	0	0	50	10
JAN. 16...	3	8	1	.1	.2	0	0	30	10
APR. 09...	32	32	1	.0	.0	1	1	60	4
JULY 16...	6	10	2	.0	.0	0	0	20	20

07355500 RED RIVER AT ALEXANDRIA, LA.--Continued

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	59	40	26	46	40	54	84	74	---	75	100
2	19	---	---	30	42	84	68	84	80	---	85	100
3	19	---	34	25	37	38	84	---	120	---	75	120
4	59	---	37	31	21	44	66	44	140	---	75	130
5	58	65	35	27	20	40	60	61	120	---	60	120
6	59	22	36	23	19	36	45	53	130	---	65	100
7	56	20	38	29	21	49	44	52	120	---	75	100
8	80	---	34	30	20	42	52	11	120	---	140	130
9	78	---	82	30	18	49	---	11	120	---	140	90
10	78	20	100	29	---	49	---	26	200	---	160	86
11	79	20	52	25	25	46	---	26	120	84	150	90
12	79	---	54	24	24	47	---	22	47	78	180	85
13	80	---	30	25	30	54	---	---	50	66	160	90
14	70	94	---	24	27	67	58	20	51	66	160	140
15	70	94	---	---	29	58	62	18	67	68	160	100
16	80	96	---	---	27	52	66	20	84	62	160	100
17	82	44	---	29	38	52	78	---	100	62	150	91
18	81	44	38	48	47	52	46	---	110	62	140	86
19	69	44	24	---	44	42	52	---	36	56	140	94
20	68	52	24	41	37	35	---	40	47	50	180	99
21	60	50	26	42	53	37	56	38	80	52	160	110
22	---	54	28	41	57	40	59	36	---	60	180	110
23	---	55	22	40	52	36	58	34	---	52	180	100
24	---	55	20	38	64	42	60	37	---	46	180	190
25	---	58	22	36	55	48	86	36	---	48	180	200
26	81	55	20	38	---	45	84	40	---	52	180	110
27	93	44	24	38	---	---	86	54	---	60	180	110
28	---	45	28	38	---	46	88	20	---	62	180	120
29	---	46	30	42	---	55	88	32	48	60	140	140
30	---	44	22	41	---	58	88	38	58	70	140	---
31	---	---	24	38	---	---	---	36	---	68	130	---
MONTH	---	---	---	---	---	---	---	---	---	---	140	---

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	410	305	252	311	309	351	581	272	416	539	703
2	---	414	309	242	328	288	372	533	369	424	572	690
3	---	389	315	239	347	279	436	485	741	448	554	764
4	---	415	294	244	320	370	426	408	781	491	530	814
5	---	468	292	245	294	301	390	400	750	634	443	817
6	---	416	284	262	280	318	334	395	730	734	452	837
7	---	321	285	231	255	335	321	321	695	766	550	848
8	---	253	284	231	226	332	313	274	737	750	827	686
9	496	282	270	259	210	330	362	228	808	763	891	617
10	511	373	274	261	195	326	368	199	873	659	921	595
11	---	519	321	250	210	316	371	189	807	569	940	591
12	506	565	325	231	217	326	362	175	655	514	937	608
13	---	594	279	217	216	390	361	169	630	474	946	643
14	---	602	234	231	215	358	396	170	564	432	935	631
15	486	645	216	225	224	374	412	195	539	434	910	682
16	---	571	217	234	241	403	463	186	484	436	897	694
17	454	528	241	236	230	372	364	186	399	445	876	626
18	---	386	241	270	221	362	320	189	340	438	870	590
19	459	331	275	259	227	320	323	196	295	435	883	627
20	---	339	253	280	238	269	371	193	274	408	921	636
21	522	431	223	283	232	281	407	216	331	413	968	687
22	535	435	219	286	226	286	407	290	492	409	1020	717
23	532	399	219	281	258	272	400	287	538	426	1020	723
24	535	366	216	283	273	297	435	262	485	396	1020	722
25	527	376	216	298	293	280	515	277	440	401	1040	717
26	532	380	212	297	295	283	541	295	404	434	1040	758
27	544	362	219	289	306	288	556	281	401	481	1030	787
28	526	354	213	290	316	305	571	258	364	522	969	862
29	516	398	217	292	---	312	583	240	351	551	890	906
30	457	304	230	301	---	348	607	238	372	565	875	934
31	492	---	245	312	---	359	---	244	---	573	805	---
MONTH	---	421	256	262	257	322	415	276	531	511	841	717

07355500 RED RIVER AT ALEXANDRIA, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	21.0	10.5	12.0	16.0	12.0	14.0	21.5	24.0	27.0	29.0	29.0
2	---	21.0	10.0	11.5	16.0	11.5	15.0	21.5	24.5	26.5	27.5	30.0
3	---	20.5	10.0	11.5	15.0	11.5	13.0	21.5	24.5	26.5	27.0	29.5
4	---	20.5	9.5	11.0	14.0	10.5	13.0	20.0	24.5	27.0	28.0	29.5
5	---	19.5	9.0	10.0	11.5	10.0	13.0	21.0	25.0	27.5	27.0	29.0
6	---	18.5	10.0	9.0	10.5	10.5	13.5	21.0	25.0	28.0	27.0	28.0
7	---	18.0	9.0	10.0	10.0	12.5	14.5	22.0	25.5	27.0	28.5	28.0
8	---	17.0	9.0	10.0	9.0	11.5	15.0	21.0	26.0	28.0	28.0	28.0
9	19.5	16.5	9.0	10.5	10.0	12.5	15.5	22.5	26.5	27.5	27.5	28.0
10	20.0	16.0	8.5	12.0	8.0	13.5	16.0	22.5	26.0	27.0	27.5	27.5
11	---	---	9.0	11.0	10.0	13.0	15.5	23.0	25.0	26.0	28.0	28.0
12	21.0	15.5	8.5	10.5	10.0	15.0	15.5	24.0	24.5	26.0	29.0	28.5
13	---	15.0	8.5	9.5	9.5	12.5	15.5	24.0	25.5	26.0	29.0	27.0
14	---	14.5	8.5	8.5	9.0	11.0	15.0	24.0	25.0	26.0	29.0	25.0
15	20.0	14.0	9.0	8.0	10.0	11.0	15.0	24.0	25.0	27.0	30.0	25.0
16	---	13.5	9.0	9.0	11.0	11.0	15.0	23.0	25.5	26.5	30.0	25.5
17	19.5	13.5	9.0	9.5	11.0	11.0	16.0	23.5	26.0	27.0	30.0	24.5
18	---	13.5	9.0	9.5	12.5	11.0	17.0	23.0	26.5	27.0	30.0	24.0
19	19.5	13.5	9.0	10.0	11.0	11.5	18.0	23.0	27.0	27.0	30.5	24.5
20	---	14.0	9.5	9.5	11.0	12.0	18.0	23.0	27.0	27.0	30.5	25.0
21	19.0	14.0	9.0	9.0	11.5	14.5	18.5	24.0	27.0	27.0	30.0	24.0
22	21.0	14.0	9.0	9.5	13.0	14.5	18.5	24.5	26.5	27.0	30.0	23.0
23	18.0	14.5	9.5	9.0	12.0	15.0	19.0	25.0	26.5	27.0	29.5	21.0
24	---	15.0	10.5	9.0	11.0	15.5	20.5	25.0	26.0	27.0	29.0	21.0
25	18.0	14.0	11.0	10.0	10.5	15.5	20.0	25.0	25.0	29.0	27.5	21.0
26	17.5	13.5	10.5	10.0	11.0	15.5	22.0	25.0	26.0	29.0	28.0	21.0
27	18.0	14.0	10.5	11.0	11.5	16.0	22.5	25.5	26.0	29.0	27.0	21.0
28	18.5	13.0	10.5	13.0	12.0	17.0	23.0	25.0	26.0	30.0	28.5	21.0
29	19.5	14.0	12.0	14.0	---	16.0	22.5	25.0	26.0	29.5	28.5	21.5
30	20.5	12.0	11.5	---	---	15.0	22.0	24.5	26.5	29.0	29.0	21.0
31	20.5	---	12.5	10.5	---	14.5	---	24.5	---	29.0	28.5	---
MONTH	---	---	9.5	---	11.5	13.0	17.0	23.5	25.5	27.5	28.5	25.5

07355500 RED RIVER AT ALEXANDRIA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DATE	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.				
12...	3730	115	1160	70
26...	4800	164	2130	84
NOV.				
09...	72400	2150	419000	80
24...	51700	961	134000	71
DEC.				
07...	20600	601	33400	58
21...	55500	1100	164000	72
JAN.				
04...	27300	453	33300	66
18...	37000	492	49000	61
FEB.				
15...	88700	2010	481000	71
MAR.				
01...	27500	492	36400	77
29...	102000	1320	361000	71
APR.				
12...	73000	792	156000	78
17...	70000	627	119000	88
19...	78100	896	189000	75
26...	128000	1550	533000	78
30...	142000	1280	491000	83
MAY				
03...	137000	1360	503000	72
08...	134000	1050	379000	67
10...	120000	1100	354000	69
15...	121000	1050	341000	74
17...	120000	1110	359000	68
22...	97500	659	173000	81
24...	76100	797	164000	82
29...	43100	806	93600	93
31...	35400	591	56400	94
JUNE				
05...	26400	360	25600	93
07...	29700	441	35300	92
12...	88000	2350	558000	87
14...	107000	1840	532000	86
19...	104000	1680	472000	76
21...	90000	1220	296000	79
JULY				
12...	21800	427	25100	93
26...	15000	98	4000	95
SEP.				
06...	17200	493	22800	87
20...	23100	536	33400	86

07355500 RED RIVER AT ALEXANDRIA, LA.--Continued

SEDIMENT DISCHARGE(TONS/DAY) , WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2000	12000	60000	43000	110000	36000	358000	499000	48000	72000	3000	6000
2	2000	16000	51000	40000	129000	39000	345000	507000	41000	60000	4000	7000
3	2000	17000	46000	36000	138000	41000	333000	503000	37000	54000	4000	7000
4	2000	20000	40000	33000	137000	44000	321000	461000	33000	46000	4000	8000
5	2000	57000	38000	35000	136000	51000	279000	444000	26000	41000	4000	18000
6	2000	195000	36000	37000	135000	87000	269000	418000	28000	34000	4000	23000
7	2000	336000	33000	50000	139000	155000	264000	403000	35000	32000	3000	35000
8	2000	399000	28000	55000	153000	208000	254000	379000	61000	32000	2000	35000
9	2000	419000	28000	67000	174000	248000	210000	367000	122000	36000	2000	32000
10	1000	366000	25000	72000	190000	263000	189000	354000	212000	34000	2000	29000
11	1000	334000	28000	79000	233000	259000	170000	351000	394000	29000	2000	29000
12	1000	330000	44000	78000	301000	254000	156000	352000	558000	25000	2000	44000
13	1000	333000	63000	75000	348000	249000	139000	348000	545000	20000	2000	66000
14	1000	321000	73000	71000	441000	254000	127000	345000	532000	15000	2000	69000
15	1000	293000	96000	68000	481000	292000	104000	341000	541000	11000	3000	68000
16	1000	227000	130000	62000	386000	409000	109000	353000	542000	10000	4000	54000
17	1000	165000	129000	54000	310000	448000	118000	359000	542000	9000	4000	51000
18	1000	148000	142000	49000	244000	495000	146000	333000	518000	7000	4000	42000
19	1000	152000	151000	48000	198000	524000	189000	304000	471000	6000	4000	36000
20	1000	172000	160000	43000	153000	545000	247000	265000	356000	7000	4000	33000
21	1000	181000	164000	42000	124000	546000	310000	210000	296000	7000	3000	39000
22	1000	169000	165000	45000	102000	498000	351000	173000	242000	6000	3000	43000
23	2000	148000	156000	47000	94000	459000	373000	164000	216000	5000	3000	51000
24	2000	134000	121000	50000	76000	433000	402000	164000	187000	5000	3000	56000
25	2000	127000	98000	57000	66000	415000	465000	147000	177000	4000	4000	54000
26	2000	128000	85000	67000	58000	390000	533000	129000	176000	4000	5000	47000
27	3000	125000	73000	79000	53000	372000	527000	110000	171000	5000	5000	47000
28	3000	110000	62000	91000	45000	361000	519000	100000	145000	4000	6000	47000
29	3000	99000	55000	97000	---	361000	505000	94000	117000	4000	5000	47000
30	5000	84000	48000	93000	---	354000	491000	73000	92000	4000	5000	47000
31	7000	---	47000	95000	---	359000	---	56000	---	3000	5000	---
MONTH	1940	187230	79840	59940	184070	304810	293430	293740	248700	20350	3550	39000

YEAR TOTAL - 51,900,000 TONS PERCENT FINER THAN .062 - 39,100,000 TONS

MAX 558,000 MIN 1,000 MEAN 142,180

07355500 RED RIVER AT ALEXANDRIA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.				
04...	27600	694	51700	86
18...	67600	2085	381000	84
NOV.				
08...	84600	2733	624000	76
23...	32300	931	81200	72
DEC.				
06...	135000	3846	1400000	72
JAN.				
10...	60000	1078	175000	65
24...	87800	1293	307000	70
FEB.				
07...	66300	748	134000	73
21...	35100	543	51500	66
MAR.				
07...	29100	504	39600	81
21...	44800	1014	123000	80
APR.				
04...	24100	446	29000	75
25...	42800	929	107000	68
MAY				
09...	87100	2953	694000	82
23...	28600	731	56400	76
JUNE				
06...	22600	470	28700	71
20...	99200	1634	438000	73
JULY				
11...	20100	437	23700	80
25...	10000	189	5100	80
AUG.				
08...	8300	206	4620	83
SEP.				
19...	73200	1738	343000	82

SEDIMENT DISCHARGE(TONS/DAY), WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16000	154000	849000	377000	359000	88000	54000	299000	19000	46000	5000	6000
2	16000	154000	928000	329000	319000	84000	44000	262000	18000	44000	5000	6000
3	17000	210000	940000	308000	275000	77000	35000	244000	25000	36000	5000	11000
4	52000	315000	1271000	304000	224000	67000	29000	225000	27000	33000	5000	18000
5	73000	430000	1387000	277000	180000	54000	24000	224000	27000	31000	6000	28000
6	74000	535000	1400000	258000	158000	48000	22000	287000	29000	29000	6000	47000
7	66000	578000	1489000	234000	134000	40000	18000	383000	28000	27000	5000	66000
8	63000	623000	1492000	204000	125000	32000	18000	596000	33000	25000	5000	84000
9	59000	621000	1495000	177000	104000	28000	13000	694000	88000	25000	4000	93000
10	52000	506000	1434000	175000	103000	24000	12000	696000	181000	26000	4000	98000
11	49000	465000	1356000	172000	84000	22000	13000	667000	323000	24000	4000	98000
12	50000	356000	1242000	212000	82000	22000	58000	537000	461000	23000	4000	93000
13	50000	262000	1062000	221000	62000	27000	91000	487000	556000	23000	4000	88000
14	68000	183000	932000	265000	63000	33000	96000	392000	589000	19000	4000	78000
15	95000	167000	723000	305000	56000	39000	83000	309000	612000	18000	3000	124000
16	153000	159000	606000	315000	60000	46000	75000	212000	613000	16000	2000	248000
17	193000	151000	433000	318000	64000	54000	60000	128000	591000	14000	2000	308000
18	380000	117000	365000	320000	57000	74000	50000	108000	560000	12000	2000	334000
19	465000	105000	314000	331000	52000	108000	43000	89000	603000	11000	2000	343000
20	572000	93000	292000	325000	50000	121000	44000	73000	437000	9000	2000	347000
21	532000	87000	247000	320000	51000	123000	44000	63000	417000	8000	5000	371000
22	395000	87000	268000	301000	71000	110000	41000	62000	372000	6000	6000	376000
23	329000	81000	257000	283000	99000	104000	44000	56000	313000	6000	9000	370000
24	278000	91000	286000	306000	113000	98000	55000	45000	272000	5000	9000	297000
25	215000	96000	317000	359000	124000	92000	107000	37000	234000	5000	8000	301000
26	167000	159000	340000	399000	115000	82000	127000	34000	140000	5000	9000	295000
27	145000	204000	363000	408000	107000	77000	181000	30000	148000	6000	9000	327000
28	160000	409000	387000	409000	91000	76000	281000	27000	124000	7000	9000	404000
29	160000	517000	401000	402000	---	71000	308000	24000	84000	7000	11000	479000
30	153000	680000	396000	395000	---	66000	308000	22000	55000	7000	9000	614000
31	126000	---	401000	388000	---	58000	---	19000	---	6000	8000	---
MONTH	168480	286500	763650	303130	120790	65970	79270	236480	265970	18030	5520	211730

YEAR TOTAL - 77,100,000 TONS PERCENT FINER THAN .062 - 57,100,000 TONS
MAX 1,495,000 MIN 2,000 MEAN 211,190

07355600 RED RIVER AT MONCLA, LA.

LOCATION.--Lat 31°12'10", long 92°08'30", T.3 N., R.3 E., Avoyelles Parish, near center of span on downstream side of bridge on State Highway 115, 1.4 mi (2.3 km) west of Moncla, and at mile 74.0 (119.1 km).

DRAINAGE AREA.--67,625 mi^2 (175,149 km^2), of which 5,936 mi^2 (15,374 km^2) above Denison Dam is noncontributing.

PERIOD OF RECORD.--Chemical analyses: November 1972 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT.											
11...	0930	6.5	50	33	6.9	--	3.1	74	0	61	50
23...	1215	6.3	--	30	8.0	--	4.1	89	0	73	51
NOV.											
07...	0900	5.4	20	29	7.4	16	2.8	109	0	89	20
19...	1500	6.8	--	25	6.6	24	2.8	78	0	64	26
DEC.											
04...	1700	6.7	110	25	4.7	23	2.7	70	0	57	24
17...	0930	7.0	--	17	3.9	15	2.4	64	0	52	17
JAN.											
02...	1030	8.2	--	24	4.5	19	2.7	70	0	57	19
16...	1130	7.7	60	19	4.1	18	2.4	61	0	50	18
30...	1740	8.6	--	26	5.9	23	2.2	82	0	67	23
FEB.											
13...	1200	6.3	--	19	3.9	15	1.8	61	0	50	17
26...	1100	6.4	70	23	5.0	26	2.6	68	0	56	26
MAR.											
13...	1800	5.9	--	27	5.5	30	2.4	81	0	66	31
25...	1100	6.1	--	23	5.3	23	2.1	70	0	57	25
APR.											
09...	1400	5.6	--	26	5.4	27	2.2	78	0	64	29
22...	1030	4.5	--	--	--	--	--	105	0	86	47
MAY											
06...	1245	5.2	--	29	6.8	30	2.6	91	0	75	29
30...	1830	6.6	140	22	4.9	17	2.4	76	0	62	19
JUNE											
03...	1145	5.9	--	48	11	52	3.1	128	0	105	57
19...	1310	6.3	80	26	6.1	24	2.3	81	0	66	28
JULY											
02...	1045	2.9	--	31	8.0	34	2.7	96	0	79	39
27...	1035	1.1	10	46	12	37	3.1	150	0	123	37
AUG.											
27...	1030	4.4	10	77	20	120	5.0	171	0	140	110
SEP.											
09...	1130	8.1	10	55	16	64	3.5	164	0	135	88

07355600 RED RIVER AT MONCLA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
11...	78	.2	.08	.03	.74	.21	298	--	492	110
23...	83	.1	.07	.00	1.1	.15	300	--	182	110
NOV.										
07...	23	.4	.24	.06	--	.81	156	158	2190	100
19...	37	.2	.10	.03	.13	.38	204	167	704	90
DEC.										
04...	35	.2	.07	.03	--	.32	148	156	902	82
17...	22	.2	.09	.03	--	.22	134	116	317	59
JAN.										
02...	27	.2	.08	.03	--	.19	132	139	384	78
16...	24	.2	.07	.03	.71	.17	118	124	196	64
30...	36	.1	.09	.01	--	.13	170	165	206	89
FEB.										
13...	22	.1	.04	.06	--	.28	120	115	1010	64
26...	38	.2	.07	.04	--	.15	179	161	215	78
MAR.										
13...	44	.2	.10	.07	--	.20	--	186	391	90
25...	34	.3	.05	.05	--	.17	163	153	551	79
APR.										
09...	40	.0	.10	.06	--	.24	183	174	436	87
22...	68	.5	.13	.02	--	.32	--	--	219	--
MAY										
06...	47	.3	.13	.04	--	.06	212	195	474	100
30...	25	.0	.14	.03	--	.11	159	135	202	75
JUNE										
03...	88	.2	.16	.01	--	.20	365	328	388	170
19...	37	.2	.11	.08	--	.24	185	170	484	90
JULY										
02...	52	.2	.00	.05	--	.20	206	217	459	110
27...	54	.6	.00	.00	--	.10	281	265	96	160
AUG.										
27...	180	.3	.00	.01	--	.13	628	601	56	270
SEP.										
09...	240	.3	.04	.00	--	.13	--	556	104	200

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.										
11...	49	495	7.9	21.0	90	75	7.4	2.4	18000	8500
23...	35	534	7.7	20.0	70	60	7.5	4.4	18000	3400
NOV.										
07...	13	283	7.5	17.5	--	180	6.9	4.3	--	2700
19...	26	296	7.9	14.5	--	260	8.4	2.5	16000	2400
DEC.										
04...	24	281	7.4	10.0	--	200	9.2	2.5	14000	1400
17...	6	213	7.9	9.0	70	180	--	--	30000	2100
JAN.										
02...	21	242	7.6	12.0	--	120	8.8	1.8	4600	2500
16...	14	227	7.4	9.5	--	150	10.0	8.0	15000	3000
30...	22	301	7.4	14.5	--	65	8.3	1.2	31000	2300
FEB.										
13...	13	211	7.8	10.0	--	240	9.4	2.5	24000	7500
26...	22	292	7.2	12.0	--	70	9.4	3.7	2300	1800
MAR.										
13...	24	349	7.7	12.5	60	75	9.1	2.0	32000	9300
25...	22	278	7.8	15.5	15	80	9.0	2.4	--	1500
APR.										
09...	23	330	7.4	14.5	35	75	8.5	4.6	6300	2000
22...	--	401	7.6	19.5	35	75	8.1	1.7	8000	--
MAY										
06...	26	384	7.3	23.0	110	75	6.9	1.5	3400	1200
30...	13	240	7.8	24.5	85	60	5.6	1.4	25000	2500
JUNE										
03...	60	621	7.5	25.0	20	90	5.6	.4	15000	2200
19...	24	314	7.8	27.0	35	20	6.2	.7	13000	2000
JULY										
02...	31	422	7.6	28.5	20	80	6.5	--	6800	3500
27...	41	494	7.2	31.0	15	35	7.9	4.7	6800	910
AUG.										
27...	130	1090	7.7	28.5	15	30	7.3	2.2	13000	1800
SEP.										
09...	69	732	8.2	--	10	50	7.7	2.7	12000	3000

07355600 RED RIVER AT MONCLA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE (UG/L)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE (UG/L)
OCT. 11...	19	.00	0	1	.00	--	.0	--	.00	--	.00
NOV. 07...	22	.00	0	0	.00	--	.0	--	.00	--	<.01
DEC. 04...	15	.00	0	1	--	--	--	--	--	--	--
JAN. 16...	11	.00	5	0	.00	.0	.0	0	.00	.5	.00
FEB. 26...	9.4	.00	4	0	.00	.0	.0	0	.00	.0	.00
MAR. 25...	7.8	.00	9	--	.00	--	.0	--	.00	--	.00
APR. 22...	14	--	3	0	.00	--	.0	--	.00	--	.00
MAY 30...	8.7	.00	5	0	.00	--	.0	--	.00	--	.00
JUNE 19...	9.0	.00	2	0	.00	--	.0	--	.00	--	.00
JULY 27...	6.8	.00	0	4	.00	.0	.0	0	.00	.0	.00
AUG. 27...	5.0	.00	0	0	.00	--	.0	--	.00	--	.00
SEP. 09...	4.4	.00	1	3	.00	--	.0	--	.00	--	.00

DATE	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON (UG/L)	DIELDRIN (UG/L)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)
OCT. 11...	--	.00	--	.00	.00	--	.00	--	.00	.00	--
NOV. 07...	--	.00	--	.00	.00	--	.00	--	.00	.00	--
DEC. 04...	--	--	--	--	--	--	--	--	--	--	--
JAN. 16...	1.7	.00	1.1	--	.00	.0	.00	.0	--	.00	.0
FEB. 26...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.00	.0
MAR. 25...	--	.00	--	.00	.00	--	.00	--	.00	.00	--
APR. 22...	--	.00	--	.04	.00	--	.00	--	.00	.00	--
MAY 30...	--	.00	--	.03	.00	--	.00	--	.00	.00	--
JUNE 19...	--	.00	--	.00	.00	--	.00	--	.00	.00	--
JULY 27...	.0	.00	.0	.01	.00	.0	.00	.0	.00	.00	.0
AUG. 27...	--	.00	--	.04	.00	--	.00	--	.00	.00	--
SEP. 09...	--	.00	--	.00	.00	--	.00	--	.00	.00	--

07355600 RED RIVER AT MONCLA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR EPOXIDE (UG/L)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)
OCT. 11...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
NOV. 07...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
DEC. 04...	--	--	--	--	--	--	--	--	--	--	--
JAN. 16...	.00	.0	.00	.0	--	--	--	.0	0	0	0
FEB. 26...	.00	.0	.00	.0	.00	.00	.00	.0	0	0	0
MAR. 25...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
APR. 22...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
MAY 30...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
JUNE 19...	.00	--	.00	--	.00	.00	.00	.0	--	0	--
JULY 27...	.00	.0	.00	.0	.00	.00	.00	.1	0	0	0
AUG. 27...	.00	--	.00	--	.00	.01	.00	.0	--	0	--
SEP. 09...	.00	--	.00	--	.00	.00	.00	.0	--	0	--

DATE	TRITHION (UG/L)	METHYL TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT. 11...	.00	.00	.00	.00	.00	--	--	0	--	--	0
NOV. 07...	.00	.00	.00	.02	.00	--	--	1	--	--	0
DEC. 04...	--	--	--	--	--	8	7	1	10	9	1
JAN. 16...	--	--	.03	.01	.00	6	4	2	10	9	1
FEB. 26...	.00	.00	.10	.00	.00	4	4	0	1	1	0
MAR. 25...	.00	.00	.01	.00	.00	3	2	1	2	2	0
APR. 22...	.00	.00	.00	.00	.00	2	--	--	1	--	--
MAY 30...	.00	.00	.06	.02	.02	2	2	0	0	0	0
JUNE 19...	.00	.00	.07	.06	.00	4	3	1	2	0	2
JULY 27...	.00	.00	.11	.03	.00	2	2	0	1	1	0
AUG. 27...	.00	.00	.05	.07	.00	3	2	1	2	0	2
SEP. 09...	.00	.00	.00	.01	.00	4	3	1	0	0	0

07355600 RED RIVER AT MONCLA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 11...	--	0	--	--	8	.1	--	--	--	--	20
NOV. 07...	--	0	--	--	3	.2	--	--	--	--	10
DEC. 04...	20	0	<100	<100	0	.1	.1	.0	140	130	<10
JAN. 16...	10	0	<100	<100	2	.0	.0	.0	30	0	30
FEB. 26...	20	0	11	11	0	.2	.1	.1	30	0	30
MAR. 25...	<10	0	15	14	1	.0	.0	.1	40	20	20
APR. 22...	<10	--	6	--	--	.2	--	--	10	--	--
MAY 30...	10	0	10	9	1	.0	.0	.0	30	0	50
JUNE 19...	<10	0	15	6	9	.1	.1	.0	60	60	5
JULY 27...	<10	0	10	10	0	.2	.2	.0	40	0	40
AUG. 27...	<10	0	0	--	0	.1	.0	.1	40	30	10
SEP. 09...	<10	0	5	5	0	.0	.0	.0	30	20	10

07367000 OUACHITA RIVER AT MONROE, LA.

LOCATION.--Lat 32°30'19", long 92°07'32", in lot 50, T.18 N., R.3 E., Ouachita Parish, at gaging station at bridge on U.S. Highway 80 at Monroe, 0.5 mi (0.6 km) upstream from Illinois Central Railroad bridge, and 5.5 mi (8.8 km) upstream from lock and dam No. 4.

DRAINAGE AREA.--15,298mi^2 (39,622 km^2).

PERIOD OF RECORD.--Chemical analyses: August 1954 to current year.
Water temperatures: August 1954 to September 1958; October 1968 to August 1974 (discontinued).

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)
OCT. 24...	0830	9.3	470	260	13	2.7	29	2.0	22	0
NOV. 20...	1700	8.3	--	--	7.6	1.7	15	2.2	19	0
DEC. 18...	0910	7.5	--	--	3.8	2.1	8.9	1.8	13	0
JAN. 30...	0745	6.8	270	20	5.0	1.6	10	1.5	11	0
FEB. 13...	2030	6.3	--	--	6.7	1.3	10	1.3	11	0
MAR. 26...	1100	3.3	--	--	5.5	1.3	10	1.2	12	0
APR. 24...	1130	2.3	130	60	5.1	1.0	8.1	1.3	17	0
MAY 29...	2055	4.4	--	--	5.7	1.5	8.0	2.6	12	0
JUNE 11...	1020	5.0	--	--	7.0	1.4	6.5	1.6	28	0
JULY 28...	0745	7.6	190	500	9.6	2.2	25	2.2	22	0
AUG. 28...	1215	7.5	--	--	7.6	2.0	14	2.0	20	0
SEP. 10...	0800	8.3	--	--	9.9	2.3	18	2.0	29	0

DATE	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT. 24...	18	8.7	55	.2	.18	.01	.05	184	132	44
NOV. 20...	16	9.0	27	.1	--	--	--	134	80	26
DEC. 18...	11	6.5	17	.1	--	--	--	78	54	18
JAN. 30...	9	7.3	18	.1	.07	.01	.09	64	56	19
FEB. 13...	9	6.9	18	.4	--	--	--	62	56	22
MAR. 26...	10	7.0	19	.2	--	--	--	52	53	19
APR. 24...	14	5.1	13	.2	.07	.01	.06	46	45	17
MAY 29...	10	5.6	14	.0	--	--	--	73	48	20
JUNE 11...	23	4.9	11	.6	.06	.02	.06	68	52	23
JULY 28...	18	7.7	43	.2	.22	.05	.09	126	109	33
AUG. 28...	16	7.3	24	.1	--	--	--	85	74	27
SEP. 10...	24	7.6	33	.2	--	--	--	92	96	34

07367000 OUACHITA RIVER AT MONROE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 24...	26	251	7.0	18.0	60	8	5.6	2.1	<10	<10
NOV. 20...	10	140	6.6	14.5	100	20	6.9	2.1	45	32
DEC. 18...	7	97	6.7	8.0	60	15	8.3	1.0	33	240
JAN. 30...	10	99	6.3	10.5	100	25	7.5	.7	<5	--
FEB. 13...	13	100	6.6	10.0	90	20	7.5	1.0	20	30
MAR. 26...	9	111	6.5	15.0	30	15	8.1	.6	8	330
APR. 24...	3	85	6.7	19.0	40	15	6.4	1.4	33	15
MAY 29...	11	86	6.5	23.5	100	20	2.8	.7	83	160
JUNE 11...	0	78	6.6	24.0	50	10	2.7	.8	70	200
JULY 28...	15	212	6.2	29.0	50	15	3.7	1.8	--	360
AUG. 28...	11	138	6.7	28.5	40	20	5.0	1.9	9900	--
SEP. 10...	10	179	7.0	27.5	50	15	4.9	--	--	<5

DATE	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L)	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)
OCT. 24...	.0	.00	.0	.00	.00	.00	.01	.00	.00	.00
JAN. 30...	--	.00	.0	.00	.00	.00	.00	.00	.00	.00
APR. 24...	--	.00	.0	.00	.00	.00	.03	.00	.00	.00
JULY 28...	.1	.00	.0	.00	.00	.00	.01	.00	.00	.00
AUG. 28...	--	.00	.0	.00	.00	.00	.04	.00	.00	.00

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)
OCT. 24...	.00	.00	.00	.00	.00	.00	.00	.0	0	.00
JAN. 30...	.00	.00	.00	.00	.00	.00	.00	.0	0	.00
APR. 24...	.00	.00	.00	.00	.00	.00	.00	.0	0	.00
JULY 28...	.00	.00	.00	.00	.00	.00	.00	.0	0	.00
AUG. 28...	.00	.00	.00	.00	.05	.00	.00	.0	0	.00

DATE	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 24...	.00	.00	.00	1	0	4	3	.1	50
JAN. 30...	.02	.01	.00	0	0	3	4	.0	10
APR. 24...	.00	.00	.00	0	0	9	1	.2	20
JULY 28...	.00	.02	.00	0	0	1	0	.2	50
AUG. 28...	.07	.05	.02	--	--	--	--	--	--

07367640 OUACHITA RIVER AT COLUMBIA, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 32°06'28", long 92°04'27", in NE¼SE¼, sec.17, T.13 N., R.4 E., Caldwell Parish, at gaging station at bridge on U.S. Highway 165 at Columbia, and 4.2 mi (6.8 km) downstream from lock and dam.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
OCT. 23...	1700	9.0	1500	470	200	180	10	2.0	--	1.9
NOV. 21...	0845	8.4	--	--	--	--	7.9	1.8	14	2.2
DEC. 18...	1400	6.9	--	--	--	--	5.0	1.3	8.2	1.7
JAN. 30...	1220	6.7	1100	250	50	22	5.7	1.5	11	1.5
FEB. 14...	1130	6.6	--	--	--	--	5.8	1.3	10	1.3
MAR. 25...	1700	4.0	--	--	--	--	6.9	1.3	9.3	1.3
APR. 24...	1700	2.3	1400	150	70	60	5.6	1.2	8.7	1.3
MAY 29...	1530	4.4	--	--	--	--	5.7	1.4	8.7	2.0
JUNE 11...	1230	4.6	--	--	--	--	4.6	1.0	6.2	1.5
JULY 27...	1544	7.9	2000	100	480	450	7.4	2.0	20	2.2
AUG. 29...	0930	6.9	--	--	--	--	7.8	1.8	16	1.7
SEP. 10...	1300	8.5	--	--	--	--	7.9	1.9	17	2.2

DATE	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)
OCT. 23...	18	0	15	5.7	--	.1	.15	.01	.16
NOV. 21...	19	0	16	9.3	24	.1	.13	.01	.11
DEC. 18...	13	0	11	6.8	16	.1	.08	.01	.10
JAN. 30...	12	0	10	7.8	19	.3	.09	.01	.06
FEB. 14...	11	0	9	6.4	18	.0	.09	.01	.06
MAR. 25...	12	0	10	6.8	16	.2	.05	.01	.06
APR. 24...	16	0	13	5.9	14	.2	.08	.01	.07
MAY 29...	12	0	10	5.1	15	.0	.15	.01	--
JUNE 11...	15	0	12	4.8	11	.2	.08	.01	.10
JULY 27...	14	0	12	7.4	36	.2	.21	.02	.22
AUG. 29...	20	0	16	6.9	27	.1	.28	.03	.07
SEP. 10...	23	0	19	8.1	28	.2	.34	.11	.04

07367640 OUACHITA RIVER AT COLUMBIA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT.									
23...	.61	.08	136	--	33	18	170	7.0	19.5
NOV.									
21...	.23	.06	86	77	27	12	140	6.7	13.5
DEC.									
18...	.34	.06	76	52	18	7	97	6.6	10.0
JAN.									
30...	.42	.06	79	60	20	10	103	6.4	11.0
FEB.									
14...	.71	.04	56	55	20	11	99	6.7	11.0
MAR.									
25...	.44	.05	63	52	23	13	93	6.5	15.0
APR.									
24...	.36	.06	58	47	19	6	89	6.7	--
MAY									
29...	--	.08	79	48	20	10	93	6.5	25.0
JUNE									
11...	.40	.07	53	41	16	3	75	6.6	24.5
JULY									
27...	.60	.08	97	91	27	15	171	6.2	30.5
AUG.									
29...	.44	.07	82	78	27	10	151	6.6	28.5
SEP.									
10...	.47	.08	84	85	28	9	156	6.9	29.0

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTO-PLANK-TON (CELLS PER ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	SUS-PENDED SEDI-MENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.									
23...	--	10	6.1	1.6	510	220	<10	25	100
NOV.									
21...	--	16	7.6	5.3	43	1200	60	62	32
DEC.									
18...	--	20	8.5	1.8	100	340	180	68	49
JAN.									
30...	--	20	7.7	1.0	310	460	--	51	55
FEB.									
14...	--	20	7.7	.3	160	4000	100	68	44
MAR.									
25...	30	15	8.4	2.2	360	180	830	28	71
APR.									
24...	40	15	7.2	1.5	270	130	40	14	93
MAY									
29...	80	15	3.8	1.3	320	180	50	23	70
JUNE									
11...	55	15	2.7	.8	1500	180	240	37	76
JULY									
27...	55	20	4.5	1.6	1000	120	220	16	56
AUG.									
29...	50	20	6.1	1.5	270	300	--	45	76
SEP.									
10...	60	15	4.6	.3	140	--	110	31	97

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT.											
23...	--	--	2	0	0	0	<10	0	1	0	9
JAN.											
30...	5.6	--	0	0	1	0	<10	0	0	1	1
APR.											
24...	6.6	--	1	1	0	0	<10	0	0	0	3
JULY											
27...	3.8	--	2	0	1	0	<10	0	2	0	8
AUG.											
29...	--	0	--	--	--	--	--	--	--	--	--

07367640 OUACHITA RIVER AT COLUMBIA, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.									
23...	4	5	5	.2	.1	0	0	50	5
JAN.									
30...	2	7	0	.0	.0	0	0	10	10
APR.									
24...	7	3	1	.3	.1	1	0	20	6
JULY									
27...	6	10	0	.2	.0	0	0	40	50
AUG.									
29...	--	--	--	--	--	--	--	--	--

DATE	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	SUS-PENDED GROSS BETA AS CS-137 (PC/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED URANIUM (U) (UG/L)
OCT.								
23...	1.8	1.2	3.2	.9	2.5	.8	.04	.24
NOV.								
21...	<1.2	1.3	4.0	1.3	3.2	1.1	.05	.05
MAR.								
25...	.8	2.2	3.6	2.2	2.9	1.9	.05	.03
APR.								
24...	.5	2.2	3.2	1.9	2.6	1.6	.17	.04
MAY								
29...	1.0	1.4	4.0	1.6	3.2	1.4	.06	.04
JUNE								
11...	<.7	2.2	3.6	1.8	2.9	1.5	.02	.07
JULY								
27...	<1.1	1.9	3.6	1.9	2.8	1.7	.03	.03
AUG.								
29...	1.1	1.8	5.7	1.5	4.5	1.3	<.04	.05

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	180	118	---	99	75	---	---	---	107	---	---
2	---	193	118	---	97	72	---	---	---	108	---	---
3	---	188	120	---	95	---	---	---	---	108	---	---
4	---	---	120	---	93	69	---	---	---	109	---	---
5	---	323	116	---	96	72	---	---	---	109	---	---
6	---	255	116	---	---	72	---	---	---	---	---	---
7	---	167	113	---	101	72	---	---	---	---	---	---
8	---	149	111	---	95	72	---	---	---	---	---	---
9	---	130	108	111	88	74	---	---	---	---	---	---
10	---	125	112	114	89	78	---	---	---	---	---	---
11	---	143	104	116	95	80	---	---	76	---	---	167
12	---	147	100	114	93	81	---	---	85	---	---	168
13	---	146	97	114	95	83	---	---	---	---	---	173
14	---	144	94	111	96	84	---	---	---	---	---	195
15	---	139	91	109	100	84	---	---	---	---	---	196
16	---	145	91	106	---	86	---	---	82	---	---	195
17	---	137	90	106	99	87	---	---	79	---	---	196
18	---	139	92	105	98	---	---	---	---	---	---	---
19	---	139	95	104	98	---	---	---	84	---	---	---
20	---	139	95	105	97	89	---	---	---	---	---	---
21	---	137	94	104	93	---	---	---	80	---	---	---
22	---	138	97	104	90	89	---	---	88	---	---	---
23	---	134	96	103	89	91	---	---	90	---	---	---
24	172	128	96	102	87	91	---	---	---	---	---	---
25	189	125	93	104	82	---	---	---	96	---	---	---
26	---	122	---	105	80	---	---	---	100	---	---	---
27	271	118	---	103	79	---	---	---	104	---	---	---
28	249	116	---	102	76	---	---	---	---	---	---	---
29	218	116	---	103	---	---	---	---	---	---	---	---
30	205	118	---	101	---	---	---	---	103	---	---	---
31	189	---	---	102	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07369500 TENSAS RIVER AT TENDAL, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 32°25'55", long 91°22'00", in NW¼ sec.29, T.17 N., R.11 E., Madison Parish, at gaging station at bridge on U.S. Highway 80 at Tendal, 200 ft (61 m) upstream from Illinois Central Railroad bridge, and 3 mi (5 km) east of Waverly.

DRAINAGE AREA.--309 mi^2 or 800 km^2 (see REMARKS).

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.
Water temperatures: April 1975 to current year.

REMARKS.--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.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)
OCT. 24...	0630	17	18	660	10	230	150	39	14	--
NOV. 20...	1500	1610	7.5	--	--	--	--	15	4.2	5.4
DEC. 18...	1110	533	6.7	--	--	--	--	15	5.2	3.9
JAN. 30...	1000	163	12	2200	30	280	210	36	11	10
FEB. 14...	0820	294	7.0	--	--	--	--	20	6.0	5.2
MAR. 26...	1330	1270	5.1	--	--	--	--	8.8	2.3	2.4
APR. 24...	1400	133	13	1100	10	370	340	56	18	16
MAY 29...	1815	440	11	--	--	--	--	29	9.0	7.5
JUNE 11...	0845	3630	4.9	--	--	--	--	5.8	1.4	1.4
JULY 27...	1815	916	11	20000	20	300	40	12	3.6	6.6
AUG. 28...	1400	108	17	--	--	--	--	50	16	21
SEP. 10...	1000	69	21	--	--	--	--	59	20	26

DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)
OCT. 24...	5.6	226	0	185	2.3	18	.2	.13	.01	.13
NOV. 20...	5.5	64	0	53	8.6	6.2	.2	.17	.07	.13
DEC. 18...	5.0	74	0	61	6.6	3.9	.2	.15	.06	.25
JAN. 30...	3.9	171	0	140	8.6	6.7	.1	.20	.01	.29
FEB. 14...	3.2	94	0	77	5.7	3.3	.1	.14	.06	.16
MAR. 26...	2.7	41	0	34	2.4	2.5	.2	.04	.18	.23
APR. 24...	3.9	278	0	228	9.5	11	.3	.30	.01	.25
MAY 29...	3.5	145	0	119	4.9	4.7	.1	.63	.03	.08
JUNE 11...	2.0	28	0	23	3.6	1.5	.2	.25	.17	.10
JULY 27...	3.9	50	0	41	8.7	4.1	.3	1.5	.26	.50
AUG. 28...	3.9	240	0	197	7.2	13	.3	.43	.06	.14
SEP. 10...	3.7	302	0	248	9.4	18	.4	.22	.02	.09

07369500 TENSAS RIVER AT TENDAL, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.										
24...	.75	.16	262	--	160	0	429	7.5	16.5	--
NOV.										
20...	.83	.46	106	84	55	2	140	7.2	16.0	--
DEC.										
18...	.85	.46	76	83	59	0	146	7.3	9.0	--
JAN.										
30...	.46	.26	--	173	140	0	303	7.1	16.0	--
FEB.										
14...	.47	.33	94	97	75	0	175	7.5	9.0	--
MAR.										
26...	1.2	.57	56	47	31	0	84	7.0	16.5	--
APR.										
24...	.57	.15	--	265	210	0	469	7.5	22.5	10
MAY										
29...	.45	.17	171	141	110	0	255	7.3	25.0	60
JUNE										
11...	1.4	.28	62	35	20	0	55	6.9	21.5	--
JULY										
27...	1.7	.58	82	75	45	4	128	6.8	27.5	--
AUG.										
28...	.86	.18	252	247	190	0	450	7.6	29.5	10
SEP.										
10...	.77	.11	306	306	230	0	538	7.9	26.0	15

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTO-PLANK-TON (CELLS PER ML)	IMME-DIATE COLI-FORM (COL. PER 100 ML)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	SUS-PENDED SEDI-MENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)
OCT.										
24...	6	6.5	4.4	7900	--	30	65	30	87	1.4
NOV.										
20...	160	6.2	3.8	530	31000	2600	4200	260	87	1130
DEC.										
18...	170	7.5	3.2	170	--	150	4600	214	92	308
JAN.										
30...	50	5.3	1.8	230	--	--	--	106	47	47
FEB.										
14...	120	8.0	2.4	190	--	55	4500	111	99	88
MAR.										
26...	85	5.0	.5	290	--	1200	--	444	98	1520
APR.										
24...	25	6.2	1.8	920	--	180	60	82	79	29
MAY										
29...	140	3.7	2.9	270	--	450	1200	348	99	413
JUNE										
11...	300	6.5	.9	110	--	2800	14000	461	99	4520
JULY										
27...	75	4.5	2.2	140	--	2600	1100	43	91	106
AUG.										
28...	20	6.4	4.1	7200	--	1300	--	75	92	22
SEP.										
10...	15	7.6	3.4	11000	--	--	66	79	99	15

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CB) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT.										
24...	8.5	7	4	0	0	<10	1	0	0	10
JAN.										
30...	6.4	4	2	1	0	<10	0	0	1	4
FEB.										
14...	7.5	--	--	--	--	--	--	--	--	--
APR.										
24...	5.8	3	3	0	0	<10	0	0	0	3
JULY										
27...	17	14	2	1	0	<10	0	4	0	19

07369500 TENSAS RIVER AT TENDAL, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 24...	4	4	2	.2	.1	0	0	40	50
JAN. 30...	3	6	1	.1	.0	0	0	6	3
FEB. 14...	--	--	--	--	--	--	--	--	--
APR. 24...	4	5	1	.1	.1	1	1	20	20
JULY 27...	10	15	1	.1	.1	1	1	90	40

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), APRIL TO SEPTEMBER 1975

DAY	APRIL MAX	APRIL MIN	APRIL MEAN	MAY MAX	MAY MIN	MAY MEAN
1	103	94	99	---	---	---
2	115	104	111	192	177	185
3	119	115	117	177	154	170
4	128	119	123	153	108	124
5	138	128	133	111	107	108
6	149	138	144	132	110	121
7	---	---	---	145	134	140
8	---	---	---	140	133	135
9	---	---	---	140	135	138
10	---	---	---	135	132	134
11	---	---	---	133	113	130
12	---	---	---	130	126	128
13	---	---	---	126	125	126
14	---	---	---	124	122	123
15	228	194	206	129	122	125
16	---	---	---	117	92	102
17	---	---	---	92	79	82
18	---	---	---	101	85	93
19	---	---	---	122	102	111
20	---	---	---	134	122	126
21	---	---	---	143	131	136
22	---	---	---	156	144	149
23	---	---	---	168	156	161
24	---	---	---	174	168	171
25	---	---	---	178	173	176
26	---	---	---	186	178	181
27	---	---	---	210	188	204
28	---	---	---	---	---	---
29	---	---	---	---	---	---
30	---	---	---	261	145	190
31	---	---	---	138	115	122
MONTH	---	---	---	---	---	---

07369500 TENSAS RIVER AT TENDAL, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), APRIL TO SEPTEMBER 1975--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	136	123	129	---	---	---	---	---	---	175	119	153
2	166	138	157	---	---	---	---	---	---	128	67	117
3	166	158	161	---	---	---	---	---	---	468	452	459
4	164	157	159	---	---	---	---	---	---	499	466	485
5	---	---	---	---	---	---	---	---	---	534	499	515
6	---	---	---	---	---	---	---	---	---	543	534	539
7	---	---	---	---	---	---	---	---	---	564	538	553
8	---	---	---	---	---	---	---	---	---	586	564	576
9	192	158	172	---	---	---	---	---	---	589	567	580
10	196	77	137	---	---	---	---	---	---	608	583	589
11	66	54	57	---	---	---	---	---	---	614	601	608
12	65	57	60	---	---	---	---	---	---	611	553	585
13	68	65	67	---	---	---	---	---	---	556	524	543
14	70	67	68	---	---	---	---	---	---	524	472	504
15	78	70	74	---	---	---	---	---	---	516	474	496
16	85	78	81	---	---	---	---	---	---	543	516	529
17	88	85	86	---	---	---	---	---	---	595	529	567
18	91	88	90	---	---	---	65	43	56	598	589	594
19	95	91	93	---	---	---	140	68	102	592	580	585
20	109	95	99	---	---	---	271	144	208	583	553	568
21	111	106	109	---	---	---	294	229	255	570	556	564
22	113	109	111	---	---	---	298	237	263	601	567	589
23	127	113	121	---	---	---	---	---	---	620	601	614
24	130	125	127	---	---	---	---	---	---	620	614	617
25	135	126	131	---	---	---	91	81	85	620	611	615
26	137	133	135	---	---	---	---	---	---	623	614	619
27	141	137	139	---	---	---	---	---	---	632	620	626
28	151	130	145	---	---	---	---	---	---	639	629	634
29	163	144	159	---	---	---	209	131	140	642	629	636
30	---	---	---	---	---	---	161	140	151	648	636	640
31	---	---	---	---	---	---	173	161	167	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	648	67	543

TEMPERATURE (DEG. C) OF WATER, APRIL TO SEPTEMBER 1975

	APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14.5	13.5	14.0	---	---	---
2	16.0	14.5	15.5	21.0	20.5	20.5
3	15.5	15.0	15.5	21.0	20.0	20.5
4	14.5	13.5	14.0	20.0	19.0	19.5
5	14.5	13.5	14.0	22.0	20.0	20.5
6	17.0	14.0	14.5	23.5	22.0	23.0
7	---	---	---	23.5	23.0	23.5
8	---	---	---	23.5	23.0	23.5
9	---	---	---	23.5	23.0	23.0
10	---	---	---	23.0	22.5	22.5
11	---	---	---	22.5	22.0	22.5
12	---	---	---	24.0	22.5	23.5
13	---	---	---	24.5	24.0	24.0
14	---	---	---	24.0	24.0	24.0
15	---	---	---	24.0	23.5	24.0
16	---	---	---	23.0	21.5	22.0
17	---	---	---	21.5	20.5	21.0
18	---	---	---	22.5	21.5	22.0
19	---	---	---	24.0	22.5	23.5
20	---	---	---	24.5	24.0	24.0
21	---	---	---	24.5	24.0	24.0
22	---	---	---	25.0	24.0	24.5
23	---	---	---	25.5	25.0	25.0
24	---	---	---	26.0	25.5	25.5
25	---	---	---	26.0	25.5	26.0
26	---	---	---	27.0	25.5	26.5
27	---	---	---	---	---	---
28	---	---	---	---	---	---
29	---	---	---	---	---	---
30	---	---	---	26.0	24.0	24.5
31	---	---	---	25.5	23.5	24.5
MONTH	---	---	---	---	---	---

07369500 TENSAS RIVER AT TENDAL, LA.--Continued

TEMPERATURE (DEG. C) OF WATER, APRIL TO SEPTEMBER 1975--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.0	25.0	25.0	---	---	---	---	---	---	---	---	---
2	26.0	25.0	25.0	---	---	---	---	---	---	---	---	---
3	25.5	25.0	25.5	---	---	---	---	---	---	---	---	---
4	27.0	25.0	26.0	---	---	---	---	---	---	31.0	29.5	30.0
5	---	---	---	---	---	---	---	---	---	30.0	29.0	29.5
6	---	---	---	---	---	---	---	---	---	31.0	29.0	29.5
7	---	---	---	---	---	---	---	---	---	30.5	28.0	29.0
8	---	---	---	---	---	---	---	---	---	29.0	27.5	28.0
9	25.0	24.5	24.5	---	---	---	---	---	---	29.0	27.5	28.0
10	25.0	23.0	24.0	---	---	---	---	---	---	28.5	27.5	28.0
11	23.0	22.5	22.5	---	---	---	---	---	---	29.0	27.5	28.0
12	24.0	23.0	23.5	---	---	---	---	---	---	30.0	27.5	28.5
13	25.0	24.0	25.0	---	---	---	---	---	---	27.5	26.0	26.5
14	27.0	25.0	26.0	---	---	---	---	---	---	27.0	24.5	25.5
15	27.0	26.0	26.5	---	---	---	---	---	---	25.5	24.5	25.0
16	26.5	26.0	26.5	---	---	---	---	---	---	26.0	25.0	25.0
17	27.0	26.0	26.5	---	---	---	---	---	---	26.0	25.0	25.5
18	27.5	26.5	27.0	---	---	---	30.0	29.0	29.5	25.5	24.5	25.0
19	27.5	27.0	27.0	---	---	---	30.5	29.0	29.5	26.0	25.0	25.5
20	27.0	27.0	27.0	---	---	---	31.0	29.5	30.5	26.5	26.0	26.5
21	27.0	26.5	26.5	---	---	---	30.5	29.0	29.5	27.0	24.5	25.5
22	27.0	27.0	27.0	---	---	---	30.5	29.0	29.5	25.0	23.5	24.0
23	27.0	26.5	27.0	---	---	---	---	---	---	24.5	22.0	23.0
24	27.0	26.5	26.5	---	---	---	---	---	---	24.0	22.0	23.0
25	27.5	27.0	27.0	---	---	---	---	---	---	23.5	21.5	22.5
26	28.0	27.0	27.5	---	---	---	---	---	---	24.0	21.0	22.0
27	28.0	27.5	27.5	---	---	---	33.5	30.0	32.0	24.0	21.0	22.0
28	28.5	26.5	27.0	---	---	---	33.5	30.5	32.0	24.0	20.5	21.5
29	28.5	25.5	27.0	---	---	---	32.5	26.5	29.0	22.0	20.5	21.0
30	---	---	---	---	---	---	---	---	---	23.0	21.0	22.0
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07372200 LITTLE RIVER NEAR ROCHELLE, LA.

LOCATION.--Lat 31°45'15", long 92°20'40", in SW¼SW¼ sec.14, T.9 N., R.1 E., Grant-La Salle Parish line, near right bank on downstream side of pier of bridge on State Highway 500, 700 ft (213 m) upstream from Louisiana Midland Railway Co. bridge, 1.1 mi (1.8 km) northeast of Zenoria, and 3.0 mi (4.8 km) southeast of Rochelle.

DRAINAGE AREA.--1,899 mi^2 (4,918 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1958 to September 1959, October 1964 to current year.

REMARKS.--Conductance recorder with probe 2 ft (0.6 m) from stream bottom; daily mean values are reported in the daily conductance table.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)
OCT.											
23...	1500	341	14	500	300	9.2	1.8	--	2.6	30	0
NOV.											
21...	1010	5000	5.8	--	--	4.4	.8	8.1	2.0	7	0
DEC.											
18...	1630	4930	8.2	--	--	3.2	1.6	11	2.0	14	0
JAN.											
30...	1510	2670	13	380	110	6.4	1.5	12	1.4	17	0
FEB.											
13...	1410	--	9.8	--	--	3.8	1.4	10	1.4	13	0
MAR.											
25...	1530	--	7.3	--	--	3.7	.6	8.5	1.3	11	0
APR.											
25...	0830	1490	10	180	200	5.3	1.2	14	1.7	20	0
MAY											
29...	1345	2060	11	--	--	4.8	1.4	7.0	1.6	20	0
JUNE											
11...	1430	6330	--	--	--	--	--	--	--	--	0
JULY											
27...	1430	--	12	130	250	7.8	1.1	12	1.8	18	0
AUG.											
29...	1120	344	16	--	--	8.3	1.8	33	2.0	34	0
SEP.											
10...	1430	225	16	--	--	7.4	1.4	32	2.4	40	0

DATE	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
23...	25	23	36	.2	--	--	--	176	--	30
NOV.										
21...	6	8.3	11	.1	--	--	--	46	44	14
DEC.										
18...	11	13	10	.2	--	--	--	72	56	15
JAN.										
30...	14	12	15	.3	--	--	--	79	70	22
FEB.										
13...	11	11	9.8	.0	--	--	--	61	54	15
MAR.										
25...	9	8.8	6.6	.2	--	--	--	59	42	12
APR.										
25...	16	11	16	.1	--	--	--	73	70	18
MAY										
29...	16	6.9	7.8	.2	--	--	--	79	51	18
JUNE										
11...	--	--	--	--	.29	.00	.08	--	--	--
JULY										
27...	15	14	13	.1	--	--	--	70	71	24
AUG.										
29...	28	14	42	.1	--	--	--	144	134	28
SEP.										
10...	33	20	34	.2	--	--	--	137	133	24

07372200 LITTLE RIVER NEAR ROCHELLE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 23...	6	240	7.0	17.0	90	25	7.5	2.7	190	55
NOV. 21...	9	76	6.2	14.0	100	50	7.5	3.2	--	--
DEC. 18...	4	99	6.8	9.0	90	35	9.0	2.9	--	--
JAN. 30...	8	109	6.6	15.0	100	30	7.3	1.8	<5	--
FEB. 13...	4	81	6.7	10.5	100	35	8.6	2.1	--	--
MAR. 25...	3	74	6.6	17.5	50	25	7.0	2.1	38	77
APR. 25...	2	116	6.7	19.5	80	25	6.6	1.6	--	--
MAY 29...	1	78	6.6	23.5	100	30	5.0	2.8	--	--
JUNE 11...	--	51	6.5	22.5	50	65	6.1	4.1	--	--
JULY 27...	9	110	6.3	27.0	70	30	5.6	1.6	--	--
AUG. 29...	0	226	6.7	27.5	100	40	5.2	.7	--	--
SEP. 10...	0	230	7.1	27.0	100	40	5.6	1.7	--	--

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)
OCT. 23...	--	1	--	--	--	--	--	--	--	--	--
JAN. 30...	--	0	--	--	--	--	--	--	--	--	--
APR. 25...	--	0	--	--	--	--	--	--	--	--	--
JULY 27...	9.0	10	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)
OCT. 23...	--	--	--	--	--	--	--	--	--	--
JAN. 30...	--	--	--	--	--	--	--	--	--	--
APR. 25...	--	--	--	--	--	--	--	--	--	--
JULY 27...	.00	.00	.00	.00	.00	.00	.00	.0	0	.00

DATE	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 23...	--	--	--	1	0	0	11	8	.2	60
JAN. 30...	--	--	--	0	0	1	2	0	.0	10
APR. 25...	--	--	--	0	0	0	9	1	.1	5
JULY 27...	.00	.00	.00	0	0	0	6	3	.3	40

07372200 LITTLE RIVER NEAR ROCHELLE, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	165	210	165	70	130	105	125	---	115	150	110	220
2	165	300	170	75	160	115	110	---	120	145	125	205
3	170	280	175	70	180	120	115	---	130	135	140	270
4	185	300	165	70	210	160	105	---	125	140	145	285
5	170	295	170	70	175	155	120	---	110	130	180	270
6	155	255	210	80	105	95	125	---	100	---	125	310
7	155	235	250	90	85	85	150	---	105	---	90	410
8	165	190	160	90	75	80	170	---	115	---	70	360
9	180	165	120	100	75	85	185	---	120	---	60	315
10	210	175	105	100	75	90	205	60	150	---	60	270
11	270	260	105	100	75	95	215	60	160	---	65	280
12	290	150	115	100	80	100	210	60	40	---	75	305
13	310	150	115	90	85	140	215	65	40	---	90	315
14	345	115	120	80	90	125	220	70	40	---	95	310
15	440	120	160	70	95	90	225	65	40	---	110	370
16	195	150	130	65	120	60	230	65	40	---	130	370
17	120	220	95	70	90	60	215	70	50	65	150	330
18	125	140	95	70	60	60	170	70	50	65	155	330
19	110	110	90	70	50	65	---	70	50	65	150	175
20	150	90	100	75	50	65	---	70	55	65	260	195
21	190	80	115	80	75	75	---	65	60	75	250	210
22	240	80	120	85	60	85	---	60	65	80	350	180
23	245	80	125	90	70	85	---	60	75	105	290	155
24	245	80	160	95	85	90	---	60	90	125	235	190
25	260	90	135	100	100	100	---	60	100	135	265	270
26	320	95	125	100	95	105	---	60	110	155	240	355
27	350	110	125	110	95	115	---	65	105	120	220	350
28	375	130	115	115	100	125	---	75	120	110	240	335
29	520	140	85	120	---	140	---	80	175	100	235	350
30	380	160	70	120	---	170	---	90	145	120	220	375
31	190	---	70	120	---	165	---	100	---	100	230	---
MONTH	238	165	131	88	98	103	---	---	93	---	166	289

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

LOCATION.--Lat 31°32'10", long 92°24'30", in SW¼SE¼ sec.31, T.7 N., R.1 E., Grant Parish, near right bank on downstream side of bridge on U.S. Highway 165, 0.5 mi (0.8 km) upstream from Sugar Branch, 0.6 mi (1.0 km) upstream from Missouri Pacific Railroad Co. bridge, 0.8 mi (1.3 km) upstream from water-supply diversion dam, 0.8 mi (1.3 km) north of Pollock, and 1.3 mi (2.1 km) downstream from Dyson Creek.

DRAINAGE AREA.--51 mi^2 (132 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1967 to current year.
Water temperatures: October 1964 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT.												
23...	1400	21	22	--	--	3.8	.7	5.2	1.3	13	0	11
NOV.												
21...	1100	49	15	--	--	4.7	.8	3.4	1.4	10	0	8
DEC.												
18...	1720	45	17	--	--	1.2	.5	3.5	1.2	12	0	10
JAN.												
30...	1610	45	19	760	60	3.3	.8	4.0	1.1	12	0	10
FEB.												
13...	1425	65	15	--	--	2.7	.8	3.3	1.0	9	0	7
MAR.												
25...	1415	62	--	--	--	--	--	--	--	--	0	--
APR.												
25...	0930	41	18	--	--	2.4	.9	4.6	1.2	6	0	6
MAY												
29...	1155	229	17	--	--	2.3	.9	3.4	1.1	13	0	11
JUNE												
11...	1520	241	12	--	--	2.2	.6	2.5	1.1	12	0	10
JULY												
27...	1315	32	21	--	--	2.4	.6	4.4	1.5	17	0	14
AUG.												
29...	1200	33	21	--	--	3.4	.7	4.5	1.5	14	0	11
SEP.												
10...	1500	32	19	--	--	2.0	.2	4.0	1.5	14	0	11

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.											
23...	2.5	5.8	.2	.03	.00	--	--	.02	60	48	12
NOV.											
21...	4.0	4.3	.1	.00	.01	--	--	.03	32	39	15
DEC.											
18...	3.1	4.1	.0	.05	.00	--	--	.02	40	37	5
JAN.											
30...	2.5	4.6	.2	.03	.01	--	--	.02	38	41	12
FEB.											
13...	2.8	3.8	.0	.04	.01	--	--	.00	31	34	10
MAR.											
25...	--	--	--	.05	.00	.03	.24	.03	--	--	--
APR.											
25...	2.5	4.2	.0	.01	.01	--	--	.02	45	41	10
MAY											
29...	2.2	3.5	.0	.09	.01	--	--	.02	53	37	9
JUNE											
11...	3.3	3.6	.1	.04	.01	--	--	.03	42	31	8
JULY											
27...	1.1	4.1	.2	.08	.01	--	--	.02	50	44	8
AUG.											
29...	1.4	4.2	.1	.05	.01	--	--	.02	42	44	11
SEP.											
10...	1.1	3.6	.3	.00	.01	--	--	.09	39	39	6

07373000 BIG CREEK AT POLLOCK, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 23...	2	42	7.4	15.0	--	5	9.1	2.2	620	50	230
NOV. 21...	7	40	6.8	14.0	--	15	8.8	1.8	900	210	100
DEC. 18...	0	56	6.9	9.0	--	9	10.3	1.8	350	32	340
JAN. 30...	2	37	6.6	18.0	--	6	--	--	300	<5	--
FEB. 13...	3	34	6.7	12.5	--	15	9.5	1.7	9900	940	790
MAR. 25...	--	39	6.7	17.0	25	10	8.8	2.4	230	50	240
APR. 25...	0	40	6.9	20.0	25	7	7.8	1.2	--	66	120
MAY 29...	0	34	6.8	21.5	60	8	7.4	1.4	8700	340	1000
JUNE 11...	0	29	6.7	22.5	80	25	6.8	.3	10000	200	6800
JULY 27...	0	42	6.5	25.5	35	7	7.2	2.0	640	210	620
AUG. 29...	0	39	6.6	28.5	--	30	7.2	1.4	560	89	--
SEP. 10...	0	36	6.9	25.0	30	10	7.3	1.1	--	6500	750

DATE	CYANIDE (CN) (MG/L)	ALDRIN (UG/L)	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE (UG/L)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DEPOSITS (UG/KG)
JAN. 30...	.00	--	--	--	--	--	--	--	--	--	--
MAR. 25...	--	--	.0	--	0	--	.0	--	.0	--	.0
JULY 27...	--	.00	.0	.0	0	.00	.0	.00	.0	.00	.0

DATE	DIAZINON (UG/L)	DIELDRIN (UG/L)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE (UG/L)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE (UG/L)
JAN. 30...	--	--	--	--	--	--	--	--	--	--	--
MAR. 25...	--	--	.0	--	.0	--	--	.0	--	.0	--
JULY 27...	.00	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION (UG/L)	2,4-D (UG/L)
JAN. 30...	--	--	--	--	--	--	--	--	--	--	--
MAR. 25...	.0	--	--	--	--	--	0	--	0	--	--
JULY 27...	.0	.00	.00	.00	.00	.0	0	0	0	.00	.00

07373000 BIG CREEK AT POLLOCK, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	2,4,5-T (UG/L)	SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	TOTAL COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	TOTAL SILVER (AG) (UG/L)	TOTAL ZINC (ZN) (UG/L)
JAN. 30...	--	--	0	2	<10	0	8	.0	0	0	10
MAR. 25...	--	--	--	--	--	--	--	--	--	--	--
JULY 27...	.00	.00	--	--	--	--	--	--	--	--	--

DATE	DISSOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUSPENDED GROSS ALPHA AS U-NAT. (UG/L)	DISSOLVED GROSS BETA AS CS-137 (PC/L)	SUSPENDED GROSS BETA AS CS-137 (PC/L)	DISSOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUSPENDED GROSS BETA AS SR90 /Y90 (PC/L)	DISSOLVED RA-226 (RADON METHOD) (PC/L)	DISSOLVED URANIUM (U) (UG/L)
JULY 25...	.5	.9	2.4	.7	2.0	.6	.03	.02

DATE	DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM	SUSPENDED SEDIMENT DISCHARGE (T/DAY)
OCT. 23...	21	28	36	1.6
NOV. 21...	49	20	90	2.6
DEC. 18...	45	76	36	9.2
26...	160	36	94	16
JAN. 29...	46	13	92	1.6
30...	45	14	86	1.7
FEB. 13...	65	34	79	6.0
MAR. 01...	56	8	100	1.2
APR. 25...	41	10	80	1.1
MAY 27...	49	9	78	1.2
29...	229	47	70	29
JUNE 11...	241	69	86	45
JULY 27...	32	44	86	3.8
AUG. 08...	56	16	88	2.4
25...	33	7	86	.62
SEP. 10...	32	25	96	2.2
30...	25	8	75	.54

07373000 BIG CREEK AT POLLOCK, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	18.0	8.0	14.0	18.0	13.0	12.0	19.0	20.5	21.5	21.5	21.0
2	---	18.0	---	11.0	17.0	13.5	14.0	19.0	20.0	22.0	21.5	21.0
3	---	18.0	---	11.0	14.5	12.0	13.5	18.5	20.5	22.0	21.0	23.0
4	---	17.0	---	9.0	13.5	9.0	11.0	18.0	21.0	22.0	21.0	22.0
5	---	15.0	---	7.0	13.5	8.0	11.5	18.5	21.5	23.0	21.0	21.5
6	---	13.0	---	6.5	13.0	9.5	12.0	19.0	23.0	23.5	21.0	21.5
7	---	11.0	---	7.0	9.0	12.0	13.0	19.5	23.5	24.0	21.5	21.0
8	---	10.0	---	9.0	7.0	14.0	13.0	20.0	23.0	23.5	21.0	21.0
9	---	10.0	---	9.5	9.0	12.0	14.0	20.0	23.0	23.0	21.0	21.5
10	---	11.0	---	11.0	8.0	12.0	15.0	19.5	21.5	22.0	21.0	22.0
11	---	12.0	---	9.5	9.5	14.0	14.5	19.5	21.5	21.5	21.0	22.0
12	---	11.0	---	7.0	11.5	15.0	14.0	19.5	21.5	21.5	21.5	22.0
13	---	8.5	---	4.0	10.5	14.5	13.0	20.0	22.0	21.0	23.0	21.0
14	---	8.0	---	3.5	9.5	10.5	12.0	20.0	23.0	21.5	23.5	19.0
15	---	6.5	---	3.0	10.5	9.5	12.0	19.5	23.0	21.5	23.5	18.0
16	---	5.5	---	4.5	13.5	10.0	13.5	19.0	23.0	22.0	23.5	18.5
17	---	5.5	---	5.5	13.0	11.0	14.5	19.0	23.5	22.0	23.5	18.5
18	---	6.5	---	7.0	13.0	10.5	16.5	19.5	24.5	23.0	23.5	19.0
19	---	9.0	---	9.0	13.0	11.0	18.0	20.0	24.0	23.0	23.5	19.5
20	---	11.0	---	9.5	10.5	12.0	16.5	20.5	23.5	23.5	23.5	20.0
21	15.0	9.0	---	8.5	11.5	12.0	16.0	21.0	24.0	23.5	22.0	18.5
22	14.5	7.0	---	8.5	14.0	13.5	16.5	21.5	23.5	23.0	23.0	17.0
23	15.0	8.0	---	8.5	15.0	15.0	17.0	21.5	23.0	23.0	23.0	16.5
24	15.0	8.5	---	9.5	11.5	17.0	19.0	21.5	23.0	23.0	23.0	15.5
25	14.0	---	---	10.5	10.0	16.5	20.0	21.5	23.0	23.0	21.5	15.5
26	14.5	---	10.5	11.0	10.5	15.0	20.5	21.5	23.0	23.0	21.5	14.5
27	14.5	---	10.0	13.0	12.0	15.5	21.0	21.5	23.0	23.0	21.5	14.5
28	14.5	9.0	10.0	16.0	13.0	17.0	21.0	20.0	23.0	23.0	22.0	14.0
29	16.5	9.5	11.0	17.0	---	16.5	20.5	20.5	22.0	22.0	22.0	14.0
30	18.0	10.0	13.0	18.0	---	13.5	20.0	20.5	22.0	21.5	22.0	14.5
31	18.0	---	13.5	18.0	---	11.0	---	20.5	---	21.5	21.0	---
MONTH	---	10.5	---	9.5	12.0	13.0	15.5	20.0	22.5	22.5	22.0	19.0

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 30°45'30", long 91°23'45", in lot 31, T.3 S., R.11 E., West Feliciana Parish, at ferry at State Highway 10 crossing, 2.0 mi (3.2 km) southwest of St. Francisville.

DRAINAGE AREA.--1,243,000 mi^2 (3,219,000 km^2), arbitrarily determined.

PERIOD OF RECORD.--Chemical analyses: August 1954 to current year.
Water temperatures: August 1954 to September 1972, October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
OCT.										
11...	1300	5.0	1800	50	180	0	42	13	--	3.1
NOV.										
07...	1330	4.8	--	10	--	--	45	12	24	3.4
DEC.										
05...	1300	5.9	4300	20	290	0	33	9.3	19	3.0
JAN.										
09...	1445	6.7	3300	20	120	10	33	9.3	20	3.1
FEB.										
14...	1705	6.6	7200	40	230	0	29	8.8	13	2.2
MAR.										
11...	0745	5.9	5300	0	200	50	31	8.2	11	2.2
APR.										
04...	1035	6.0	2300	10	50	30	27	7.4	10	2.3
MAY										
06...	0840	6.4	5100	30	170	70	33	9.2	12	2.6
JUNE										
03...	0830	6.5	3800	10	190	0	34	11	14	2.6
JULY										
16...	1030	7.7	10000	0	440	0	43	14	16	3.2
24...	0445	8.0	--	--	--	--	41	13	16	3.3
AUG.										
13...	0930	6.0	3200	10	180	10	41	13	20	3.2
SEP.										
09...	0800	--	960	10	80	0	43	15	29	3.3

DATE	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)
OCT.									
11...	143	0	117	55	17	.3	.68	.02	.02
NOV.									
07...	143	0	117	57	35	.2	.59	.02	.02
DEC.									
05...	116	0	95	46	20	.2	.82	.01	.01
JAN.									
09...	104	0	85	41	24	.4	.95	.01	.06
FEB.									
14...	95	0	78	38	16	.0	1.2	.03	.05
MAR.									
11...	92	0	75	35	13	.1	1.1	.02	.04
APR.									
04...	90	0	74	32	13	.2	.92	.02	.00
MAY									
06...	105	0	86	39	13	.6	1.3	.02	.03
JUNE									
03...	116	0	95	39	18	.2	--	--	--
JULY									
16...	--	0	--	46	17	.4	2.2	.04	.10
24...	146	0	120	48	15	.4	1.7	.02	.01
AUG.									
13...	140	0	115	56	16	.3	.88	.00	.00
SEP.									
09...	150	0	123	80	19	.3	.23	.00	.00

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)
OCT.									
11...	.37	.08	284	--	59	160	43	411	8.0
NOV.									
07...	.27	.11	--	252	52	160	44	467	7.6
DEC.									
05...	.36	--	--	194	227	120	26	352	7.5
JAN.									
09...	.44	.13	206	189	29	120	35	302	7.5
FEB.									
14...	.67	.27	154	160	244	110	31	296	7.6
MAR.									
11...	.31	.05	173	152	198	110	35	275	7.4
APR.									
04...	.48	.12	155	142	42	98	24	263	7.4
MAY									
06...	.85	.09	194	168	253	120	34	321	7.3
JUNE									
03...	--	--	201	183	147	130	35	328	7.5
JULY									
16...	1.0	.30	232	--	253	170	--	391	7.7
24...	.84	.15	226	217	--	160	40	401	7.8
AUG.									
13...	.59	.17	227	225	89	160	45	407	7.5
SEP.									
09...	.57	.12	264	--	79	170	46	475	8.2

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT.									
11...	20.0	20	40	8.6	5.7	7600	2600	140	--
NOV.									
07...	18.5	10	30	8.5	5.7	5900	1700	62	100
DEC.									
05...	9.5	40	75	9.8	3.3	1700	1300	600	90
JAN.									
09...	8.5	20	95	10.8	5.0	4100	3800	450	570
FEB.									
14...	7.5	50	65	10.8	2.8	1400	3300	50	140
MAR.									
11...	10.0	20	75	10.0	3.2	34000	320	260	40
APR.									
04...	14.5	30	40	8.8	1.5	650	3500	520	310
MAY									
06...	20.5	--	65	7.5	2.9	720	1000	220	250
JUNE									
03...	24.5	15	55	6.4	--	2800	1600	500	280
JULY									
16...	29.0	5	140	6.4	.4	920	540	190	160
24...	29.5	10	75	6.5	--	--	--	--	--
AUG.									
13...	28.0	5	35	5.9	.6	4600	1700	500	40
SEP.									
09...	--	10	20	8.6	3.2	13000	--	--	--

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M	TOTAL ORGANIC CARBON (C) (MG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)
OCT.											
11...	--	--	--	4.9	0	.00	.0	.00	.00	.00	.01
NOV.											
07...	15	.0	.1	4.5	0	.00	.0	.00	.00	.00	.01
DEC.											
05...	--	--	--	7.2	6	--	--	--	--	--	--
JAN.											
09...	--	--	--	16	1	.00	.0	.00	.00	.00	.00
FEB.											
14...	--	--	--	5.9	0	.00	.0	.00	.00	.00	.00
MAR.											
11...	--	--	--	6.0	0	.00	.0	.00	.00	.00	.00
APR.											
04...	--	--	--	4.0	0	.00	.0	.00	.00	.00	.01
MAY											
06...	--	--	--	6.8	0	.00	.0	.00	.00	<.01	.00
JUNE											
03...	--	--	--	8.2	--	.00	.0	.00	.00	.00	.04
JULY											
16...	--	--	--	9.0	4	.00	.0	.00	.00	.03	.00
AUG.											
13...	--	--	--	4.8	8	.00	.0	.00	.00	.00	.04
SEP.											
09...	--	--	--	6.4	1	.00	.0	.00	.00	.00	.00

DATE	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)
OCT.											
11...	<.01	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
NOV.											
07...	<.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.0
DEC.											
05...	--	--	--	--	--	--	--	--	--	--	--
JAN.											
09...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
FEB.											
14...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAR.											
11...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
APR.											
04...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
MAY											
06...	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JUNE											
03...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
JULY											
16...	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
AUG.											
13...	.01	.01	.00	.00	.00	.00	.00	.03	.00	.00	.0
SEP.											
09...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL TOXAPHENE (UG/L)	TOTAL TRITHION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)
OCT.												
11...	0	.00	.00	.00	.00	2	0	<10	0	0	0	<50
NOV.												
07...	0	.00	.03	.01	.00	--	--	--	--	--	--	--
DEC.												
05...	--	--	--	--	--	2	1	<10	<1	0	0	<50
JAN.												
09...	0	.00	.05	.01	.00	--	1	20	0	0	0	<50
FEB.												
14...	0	.00	.00	.00	.00	3	1	<10	1	20	0	<50
MAR.												
11...	0	.00	.00	.00	.00	5	0	1	0	<10	0	5
APR.												
04...	0	.00	.03	.00	.01	0	0	0	0	10	1	2
MAY												
06...	0	.00	.04	.01	.01	3	0	1	0	<10	0	3
JUNE												
03...	0	.00	.00	.00	.00	3	0	0	0	<10	1	2
JULY												
16...	0	.00	.00	.02	.00	3	1	1	0	10	0	5
AUG.												
13...	0	.00	.00	.04	.00	2	1	0	0	20	0	0
SEP.												
09...	0	.00	.00	.00	.00	3	1	0	0	<10	0	1

DATE	DISSOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	DISSOLVED SELENIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
11...	0	10	3	<100	2	.5	.2	0	0	30	20
NOV.											
07...	--	--	--	--	0	.1	--	--	--	--	40
DEC.											
05...	0	10	5	<100	0	.1	.0	0	0	30	10
JAN.											
09...	0	0	4	0	--	.0	.0	0	0	30	10
FEB.											
14...	1	--	8	<100	3	.1	.0	0	0	50	10
MAR.											
11...	0	7	4	9	3	.1	.1	0	0	30	7
APR.											
04...	0	5	4	4	4	.1	.1	0	0	5	0
MAY											
06...	0	9	4	13	0	.1	.1	1	1	40	20
JUNE											
03...	0	7	3	6	3	.1	.1	2	1	40	20
JULY											
16...	1	11	4	10	0	.1	.0	2	1	10	7
AUG.											
13...	0	10	1	6	0	.2	.1	1	1	40	10
SEP.											
09...	0	3	4	2	0	.0	.0	2	2	20	1

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

SULFATE (MG/L AS SO4) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	46	40	42	38	38	33	38	37	47	52	68
2	51	58	41	42	38	38	32	42	39	43	52	67
3	58	49	40	40	41	40	30	42	35	48	45	69
4	59	59	43	42	42	40	31	44	53	50	45	71
5	57	59	46	44	41	38	31	42	42	49	50	73
6	58	59	46	42	41	36	30	42	40	50	42	73
7	42	59	45	40	34	44	32	40	41	54	40	71
8	55	60	46	42	27	34	32	42	47	52	46	75
9	54	59	48	40	32	34	30	41	45	52	48	74
10	56	57	53	40	36	37	29	42	44	52	48	72
11	57	51	56	40	36	39	32	39	44	53	51	69
12	57	52	59	42	36	38	30	40	49	51	50	67
13	61	50	62	40	37	40	31	40	49	50	54	68
14	55	51	58	40	37	37	30	42	53	50	58	62
15	---	55	58	40	36	40	30	42	54	48	43	59
16	56	56	55	40	38	40	31	42	48	48	59	61
17	58	58	56	51	38	41	30	42	48	48	54	62
18	58	52	55	38	37	38	30	42	46	49	63	62
19	60	50	54	39	35	38	30	42	48	49	63	70
20	58	43	53	41	36	33	30	42	52	49	63	74
21	57	42	51	40	38	33	30	39	51	51	63	72
22	59	42	49	39	39	33	30	40	49	51	67	71
23	58	42	48	40	38	32	31	38	51	51	67	71
24	52	44	47	35	40	32	31	37	52	51	64	73
25	58	47	45	33	38	32	31	38	43	52	65	72
26	60	44	46	33	38	32	31	36	59	54	66	70
27	58	48	46	33	38	32	31	36	63	56	73	72
28	62	50	45	35	38	32	34	34	57	57	73	76
29	57	50	45	35	---	32	33	36	51	56	73	78
30	59	44	45	40	---	33	35	32	51	57	74	78
31	64	---	44	36	---	32	---	36	---	57	75	---
MONTH	---	51	49	39	37	36	31	40	48	51	58	70

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	18	22	21	16	16	13	12	15	24	16	19
2	33	18	21	20	16	16	13	14	17	24	16	21
3	30	21	23	19	17	17	13	14	18	24	14	22
4	30	19	21	19	17	17	13	14	22	23	14	22
5	28	23	21	19	17	16	13	15	22	23	14	22
6	28	27	22	19	19	17	13	16	26	21	16	22
7	25	32	22	20	21	17	13	15	22	20	16	18
8	20	37	21	20	21	17	12	16	27	20	14	18
9	20	53	21	19	21	16	13	14	26	18	16	18
10	23	52	22	18	21	17	12	16	24	18	16	20
11	21	49	21	18	21	16	11	13	24	16	14	22
12	18	44	22	19	18	16	12	15	25	16	16	20
13	20	47	24	19	17	16	12	16	24	16	16	21
14	20	37	24	19	18	16	12	16	25	14	16	17
15	22	33	22	19	17	16	11	16	26	16	16	22
16	23	36	22	19	17	17	10	16	30	16	16	21
17	23	43	20	19	18	18	10	14	30	16	16	25
18	21	38	20	19	17	17	11	14	28	16	18	20
19	18	37	19	18	17	18	10	14	27	16	19	20
20	17	24	19	18	17	17	10	13	28	15	16	20
21	18	24	20	18	17	17	10	12	26	14	18	20
22	22	22	21	17	17	17	12	13	28	16	16	20
23	22	20	19	16	18	16	11	12	26	16	20	22
24	23	20	19	15	17	17	11	13	27	16	22	26
25	24	19	18	15	17	16	11	12	26	16	21	30
26	30	20	20	16	16	13	12	11	30	16	21	27
27	21	20	19	15	16	13	11	13	31	17	18	27
28	20	22	18	15	17	14	12	13	32	16	18	26
29	22	19	20	16	---	13	13	14	31	16	18	26
30	19	21	21	16	---	14	13	16	30	16	18	28
31	20	---	20	15	---	13	---	16	---	16	16	---
MONTH	23	30	21	18	18	16	12	14	26	18	17	22

MISSISSIPPI RIVER MAIN STEM

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

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	401	423	357	340	302	308	262	300	314	396	404	421
2	405	426	340	342	305	308	261	314	326	401	407	422
3	416	427	342	342	327	314	263	323	326	402	383	432
4	420	433	343	342	322	315	262	325	362	401	385	432
5	424	435	348	343	323	308	264	320	362	400	376	450
6	420	444	341	331	331	299	261	306	385	412	373	450
7	408	461	357	331	336	290	260	304	387	419	378	444
8	398	480	343	332	330	289	278	295	390	415	376	451
9	398	521	346	322	327	287	267	291	378	410	379	457
10	400	514	373	324	331	294	255	293	365	411	390	461
11	402	487	376	319	330	295	255	295	371	401	391	460
12	403	458	382	335	297	297	253	298	388	398	391	451
13	404	483	387	329	295	296	271	302	388	392	399	451
14	403	427	386	320	299	300	248	309	399	390	408	424
15	409	431	378	321	299	300	248	312	407	388	405	422
16	415	446	360	319	300	303	247	314	395	387	404	423
17	417	478	358	314	296	306	245	315	395	384	408	424
18	414	437	358	310	295	307	244	312	391	384	421	408
19	412	436	358	308	294	305	244	307	394	387	420	430
20	412	350	356	312	296	298	246	305	405	390	416	448
21	412	350	361	312	296	289	250	298	398	397	418	444
22	419	340	352	298	297	290	253	298	398	397	423	433
23	420	343	337	287	298	279	256	295	402	398	427	434
24	427	347	337	273	293	267	257	290	401	399	434	447
25	437	356	321	276	295	266	258	288	418	407	438	444
26	437	364	328	278	292	263	259	290	441	415	437	445
27	437	376	327	285	293	266	259	289	455	427	443	446
28	440	383	327	287	301	268	287	294	437	424	441	454
29	434	383	328	289	---	268	288	300	415	424	434	455
30	429	355	330	298	---	267	290	304	413	418	431	448
31	428	---	337	303	---	267	---	307	---	418	426	---
MONTH	416	420	351	314	307	291	260	303	390	403	409	440

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.0	---	11.0	8.5	8.0	8.5	13.0	19.5	25.0	28.0	28.0	29.0
2	21.0	19.0	10.0	8.0	8.0	8.5	13.0	19.0	25.0	28.0	28.0	29.5
3	21.0	19.0	9.0	8.0	9.0	8.0	12.0	19.0	25.0	28.0	28.0	29.5
4	22.0	19.0	9.0	8.0	9.0	8.0	12.0	19.0	25.0	28.0	28.0	29.5
5	21.0	19.0	9.0	8.0	9.0	8.0	12.0	19.0	25.0	28.0	27.0	29.5
6	21.0	19.0	9.0	8.0	9.0	8.0	12.0	19.5	25.0	28.0	27.0	29.5
7	21.0	18.0	10.0	8.0	8.5	9.0	12.0	19.5	25.0	28.0	27.0	29.5
8	21.0	18.0	10.0	8.5	8.5	9.0	13.0	19.5	25.0	28.0	27.0	29.5
9	20.0	18.0	9.0	9.0	8.5	9.0	13.0	20.5	25.0	28.0	27.0	29.0
10	20.0	17.5	9.0	9.0	8.0	9.0	12.0	20.0	25.0	28.0	27.0	28.5
11	20.0	17.0	9.0	9.0	8.0	9.0	12.0	21.0	25.0	28.0	27.0	28.5
12	20.0	16.0	9.0	8.0	8.0	9.0	12.0	21.0	25.0	28.0	27.5	28.5
13	20.0	16.0	9.5	8.0	8.0	9.0	12.0	21.0	25.0	28.0	28.0	28.5
14	20.0	15.5	9.0	8.0	8.0	9.0	12.5	21.0	25.0	28.0	28.0	28.5
15	20.0	15.0	9.0	8.0	7.5	9.0	13.0	21.0	25.0	28.0	28.0	27.0
16	20.0	14.0	8.0	8.0	8.0	9.0	13.5	21.0	25.0	28.0	28.0	26.0
17	20.0	15.0	8.0	8.0	8.0	9.0	14.0	21.0	25.0	28.0	28.0	26.0
18	20.0	15.0	7.5	8.0	8.5	9.0	14.0	21.0	25.0	28.0	28.0	26.0
19	20.0	15.0	7.5	8.0	8.0	9.0	14.5	21.0	25.0	28.0	29.0	26.0
20	19.0	14.0	8.0	8.0	8.0	9.0	14.0	21.0	25.5	29.0	29.0	26.0
21	20.0	13.5	7.5	7.0	9.0	9.0	14.0	21.0	25.5	29.0	29.0	25.0
22	20.0	13.0	---	7.0	8.5	9.0	14.5	21.0	26.0	29.0	29.0	23.5
23	19.0	13.5	8.0	7.0	9.0	10.0	15.0	22.0	26.0	29.0	29.0	23.0
24	19.0	14.0	8.0	7.0	8.0	11.0	16.0	22.5	26.0	29.0	29.0	22.5
25	18.0	13.0	8.0	7.0	8.0	11.0	16.0	23.0	27.0	29.0	29.0	22.0
26	19.0	12.0	8.0	7.0	8.0	11.0	16.5	23.0	27.0	29.0	29.0	21.5
27	18.0	13.0	8.5	7.5	8.5	11.0	17.0	23.5	27.0	29.5	28.5	21.5
28	19.0	12.0	9.0	8.0	8.5	11.0	18.0	24.0	27.0	29.5	28.5	22.0
29	19.0	12.0	9.0	8.0	---	11.5	19.0	24.5	27.5	29.5	28.5	21.0
30	19.0	12.0	8.0	8.0	---	12.0	18.5	24.0	27.5	29.0	28.5	21.0
31	19.0	---	8.5	8.0	---	12.0	---	24.5	---	29.0	28.5	---
MONTH	20.0	---	---	8.0	8.5	9.5	14.0	21.0	25.5	28.5	28.0	26.0

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA.

LOCATION.--Lat 30°17'00", long 91°13'21", T.9 S., R.12 E., St. Helena meridian, Iberville Parish, at west bank ferry landing at Plaquemine.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: January 1973 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT. 16...	0820	4.9	30	44	12	--	3.3	148	0	121	56	28
NOV. 13...	1030	4.8	10	39	11	45	3.4	134	0	110	53	60
DEC. 04...	1300	6.0	0	36	9.4	21	3.0	116	0	95	44	24
JAN. 07...	1400	6.3	10	36	9.0	18	2.7	112	0	92	42	22
FEB. 12...	0815	6.8	30	34	9.8	17	2.3	105	0	86	41	21
MAR. 05...	1515	6.4	40	34	9.3	17	2.2	102	0	84	38	22
APR. 22...	0850	5.8	90	29	7.6	11	2.2	91	0	75	30	13
MAY 21...	1530	6.5	0	35	9.4	12	2.6	105	0	86	38	14
JUNE 10...	0820	6.4	10	41	12	23	2.7	121	0	99	45	33
JULY 11...	1200	7.4	10	47	13	24	3.2	141	0	115	57	28
AUG. 08...	1200	6.1	10	40	12	23	3.1	131	0	107	50	24
SEP. 10...	1300	--	10	43	15	36	3.5	150	0	123	81	29

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
OCT. 16...	.3	.65	.00	.65	.11	264	--	44	160	38	434	7.8
NOV. 13...	.2	.62	.01	.63	.16	316	282	165	140	33	512	7.8
DEC. 04...	.2	.78	.01	.79	.22	202	201	213	130	33	375	7.8
JAN. 07...	.2	1.1	.01	1.1	.17	200	191	81	130	35	359	7.7
FEB. 12...	.3	1.2	.01	1.2	.26	--	184	245	130	39	335	7.7
MAR. 05...	.2	1.1	.02	1.1	.27	182	179	241	120	36	325	7.5
APR. 22...	.1	1.1	.01	1.1	.15	146	144	114	100	25	262	7.3
MAY 21...	.2	1.4	.00	1.4	.13	179	169	162	130	40	306	7.8
JUNE 10...	.2	1.3	.01	1.3	.11	231	223	208	150	53	403	7.5
JULY 11...	.5	2.1	.01	2.1	.22	279	243	142	170	55	435	7.3
AUG. 08...	.4	.99	.01	1.0	.17	243	223	--	150	42	407	7.7
SEP. 10...	.4	.25	.00	.25	.13	293	--	56	170	46	496	8.2

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)
OCT. 16...	18.5	40	10	8.4	3.5	2800	--	4.5	.00	0	0	--
NOV. 13...	16.5	--	85	7.9	2.5	3500	750	6.6	.00	0	2	--
DEC. 04...	10.5	40	75	9.8	1.4	7900	720	4.4	.00	0	0	3
JAN. 07...	8.5	30	50	10.5	3.4	810	150	3.8	.00	3	1	2
FEB. 12...	7.0	30	40	10.2	3.2	4400	700	5.3	.00	1	0	3
MAR. 05...	8.5	40	70	10.6	3.1	3500	380	9.2	.01	0	0	4
APR. 22...	14.5	5	45	8.7	1.0	1800	340	4.3	.00	1	0	1
MAY 21...	22.0	30	55	6.8	--	770	120	6.4	.00	3	0	7
JUNE 10...	25.0	33	70	6.4	1.4	2800	--	3.2	.00	2	0	3
JULY 11...	29.0	5	55	6.5	.8	5700	420	5.2	.01	0	0	3
AUG. 08...	28.0	5	40	6.5	1.4	4200	220	5.0	.00	0	5	4
SEP. 10...	29.0	5	2	7.8	3.0	3900	210	8.4	.00	1	2	4

DATE	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 16...	2	--	0	--	0	--	--	.2	--	--	--
NOV. 13...	1	--	0	--	0	--	1	.1	--	--	0
DEC. 04...	2	2	2	15	0	9	3	.1	.2	30	0
JAN. 07...	1	3	1	<10	1	20	0	.0	.0	30	8
FEB. 12...	1	1	0	<10	1	13	1	.0	.0	60	20
MAR. 05...	0	1	0	<10	0	17	0	.2	.2	50	6
APR. 22...	1	1	1	<10	0	1	0	.1	.1	10	7
MAY 21...	3	1	0	<10	0	14	1	.1	.1	40	20
JUNE 10...	1	1	0	<10	0	8	1	.1	.0	30	5
JULY 11...	1	0	0	<10	0	6	1	.1	.1	20	0
AUG. 08...	1	0	0	<10	0	10	0	.5	.2	30	0
SEP. 10...	1	0	0	<10	0	7	2	.1	.0	30	10

MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA.

LOCATION.--Lat 30°05'52", long 90°54'45", T.11 S., R.15 E., St. James Parish, near center of span on downstream side of Sunshine Bridge on State Highway 3089, 0.7 mi (1.1 km) northwest of Union.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: January 1973 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT. 16...	0955	5.0	30	42	13	--	3.2	144	0	118	54	26
NOV. 13...	0930	4.6	30	41	11	40	3.3	139	0	114	51	53
DEC. 04...	1015	6.0	0	34	9.3	20	3.0	118	0	97	44	24
JAN. 09...	0745	6.5	170	34	9.6	17	2.6	106	0	87	41	21
FEB. 13...	1500	7.1	20	32	9.7	16	2.6	100	0	82	41	19
MAR. 05...	1400	6.6	30	35	9.4	16	2.2	105	0	86	39	21
APR. 22...	1130	5.6	20	28	7.7	8.9	2.0	91	0	75	28	12
MAY 21...	1345	6.5	0	35	9.4	12	2.4	108	0	89	38	13
JUNE 10...	1145	6.4	10	39	12	24	3.0	124	0	102	45	34
JULY 11...	1040	7.5	10	45	13	25	3.2	145	0	119	57	28
AUG. 08...	1100	6.2	0	41	12	20	3.2	131	0	107	53	19
SEP. 10...	1130	--	20	43	14	32	3.4	150	0	123	76	24

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
OCT. 16...	.3	.68	.00	.68	.20	258	--	29	160	40	431	7.8
NOV. 13...	.2	.66	.01	.67	.14	294	273	120	150	34	508	7.8
DEC. 04...	.2	.80	.01	.81	.23	208	199	251	120	26	364	7.8
JAN. 09...	.5	1.1	.01	1.1	.21	194	185	--	120	37	347	7.4
FEB. 13...	.2	1.2	.01	1.2	.24	187	177	260	120	38	319	7.7
MAR. 05...	.2	1.1	.02	1.1	.26	--	181	221	130	44	319	7.8
APR. 22...	.2	1.1	.01	1.1	.28	147	137	170	100	25	252	7.3
MAY 21...	.3	1.4	.00	1.4	.20	181	170	139	130	38	306	7.8
JUNE 10...	.2	1.4	.00	1.4	.20	253	225	160	150	45	412	7.5
JULY 11...	.4	2.2	.01	2.2	.21	256	251	153	170	51	441	7.2
AUG. 08...	.4	1.1	.01	1.1	.21	221	219	76	150	44	393	7.7
SEP. 10...	1.0	.20	.00	.20	.12	273	--	35	170	42	473	8.1

07374220 MISSISSIPPI RIVER AT UNION, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)
OCT.												
16...	19.5	10	10	8.2	2.4	6700	--	4.8	.01	0	1	--
NOV.												
13...	17.0	--	70	7.8	2.5	4100	2400	5.7	.00	0	1	--
DEC.												
04...	10.5	40	80	9.7	2.0	5900	860	5.8	.00	0	0	4
JAN.												
09...	9.5	30	65	10.5	4.7	920	250	5.6	.00	3	1	6
FEB.												
13...	8.0	50	65	1.1	3.6	2600	350	6.3	.00	7	0	3
MAR.												
05...	7.5	10	70	10.3	2.8	3300	240	6.0	.00	0	0	5
APR.												
22...	14.5	5	55	8.6	1.1	1800	470	4.3	.00	0	0	2
MAY												
21...	22.5	30	60	7.8	1.0	1300	280	6.0	.00	3	0	7
JUNE												
10...	25.0	17	50	7.4	2.0	1700	270	5.8	.00	2	0	2
JULY												
11...	28.5	5	55	6.9	.4	4300	130	6.4	.01	0	0	4
AUG.												
08...	27.5	0	30	6.5	1.6	1700	140	6.6	.00	0	2	4
SEP.												
10...	28.5	5	9	6.8	--	1000	122	6.0	.00	1	0	4

DATE	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
16...	2	--	1	--	0	--	5	.1	--	--	100
NOV.											
13...	1	--	0	--	0	--	0	.1	--	--	0
DEC.											
04...	1	2	1	10	0	8	4	.0	.2	130	8
JAN.											
09...	1	3	0	<10	0	15	3	.0	.2	30	7
FEB.											
13...	1	0	1	15	0	13	0	.2	.1	50	6
MAR.											
05...	1	1	0	<10	0	15	0	.2	.2	50	30
APR.											
22...	1	0	0	<10	0	1	1	.1	.1	10	6
MAY											
21...	0	1	0	<10	0	10	0	.1	.0	30	10
JUNE											
10...	1	2	2	<10	0	10	0	.1	.0	50	8
JULY											
11...	1	0	0	20	0	14	2	.1	.1	40	0
AUG.											
08...	1	1	0	<10	0	10	0	.5	.2	170	0
SEP.											
10...	1	0	3	<10	0	2	2	.0	.0	30	10

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA.

LOCATION.--Lat 29°56'19", long 90°21'49", St. Charles Parish, at ferry at Luling-to-Destrehan crossing, 17 mi (27.4 km) west of New Orleans.

DRAINAGE AREA.--1,243,600 mi^2 (3,220,900 km^2), arbitrarily determined.

PERIOD OF RECORD.--Chemical analyses: October 1957 to current year.
Water temperatures: October 1957 to September 1972 (discontinued).

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT. 16...	1400	5.1	0	51	12	--	3.4	145	0	119	67	27
NOV. 14...	0830	4.8	10	43	12	43	3.4	139	0	114	55	56
DEC. 03...	0915	6.2	30	38	9.7	22	3.3	120	0	98	52	26
JAN. 09...	1030	6.5	0	39	10	18	2.6	109	0	89	50	22
FEB. 12...	1115	6.8	50	35	10	17	2.8	103	0	84	43	22
MAR. 14...	1415	6.2	50	31	7.5	13	2.3	92	0	75	36	17
APR. 04...	1405	5.9	0	30	7.7	11	2.2	92	0	75	33	15
MAY 21...	1040	6.5	0	33	10	13	2.7	108	0	89	40	14
JUNE 10...	1600	6.3	0	38	12	22	2.7	122	0	100	44	29
JULY 11...	0840	7.5	10	46	13	21	3.1	147	0	121	57	24
AUG. 08...	0900	6.5	0	41	12	20	3.1	133	0	109	53	19
SEP. 10...	0940	--	0	44	14	32	3.7	148	0	121	73	30

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
OCT. 16...	.9	.67	.00	.67	.31	282	--	13	180	58	466	7.8
NOV. 14...	.5	.64	.01	.65	.17	342	286	62	160	43	537	7.9
DEC. 03...	.4	.87	.00	.87	.33	230	217	128	130	36	401	7.8
JAN. 09...	.7	1.1	.01	1.1	.28	210	203	0	140	49	362	7.4
FEB. 12...	.3	1.2	.05	1.2	.36	200	188	612	130	46	369	7.3
MAR. 14...	.3	1.2	.03	1.2	.25	160	159	205	110	35	301	7.6
APR. 04...	.1	1.1	.01	1.1	.23	151	150	421	110	35	271	7.4
MAY 21...	.2	1.4	.00	1.4	.21	181	173	129	120	35	313	7.5
JUNE 10...	.3	1.4	.00	1.4	.28	241	214	129	140	44	398	7.6
JULY 11...	.4	2.1	.01	2.1	.22	256	244	104	170	49	435	7.1
AUG. 08...	.5	1.2	.00	1.2	.27	234	221	45	150	43	399	7.6
SEP. 10...	.9	.23	.00	.23	.41	285	--	8	170	46	487	7.9

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)
OCT. 16...	21.0	20	10	8.3	2.0	9600	--	6.1	.00	3	0	--
NOV. 14...	16.5	30	90	8.2	1.1	4000	1100	5.4	.00	5	1	--
DEC. 03...	11.0	30	85	9.5	2.0	3900	640	4.2	.00	0	0	4
JAN. 09...	9.5	30	60	10.6	4.9	1200	270	5.9	.00	3	0	3
FEB. 12...	7.5	30	85	9.9	3.8	1000	380	--	.00	2	0	3
MAR. 14...	--	70	80	--	--	--	--	11	.00	0	0	4
APR. 04...	15.0	30	65	9.3	5.2	3000	500	--	.00	0	0	2
MAY 21...	23.0	--	55	7.4	1.4	860	390	5.4	.00	5	0	3
JUNE 10...	27.0	45	45	6.8	1.5	2200	270	9.6	.00	3	0	2
JULY 11...	28.5	5	55	6.4	.5	3300	760	6.0	.01	0	0	4
AUG. 08...	27.5	0	25	6.1	.9	2500	160	5.6	.00	0	2	3
SEP. 10...	29.0	5	6	6.5	3.4	56	25	6.8	.00	0	2	4

DATE	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 16...	2	--	0	--	0	--	3	.2	--	--	8
NOV. 14...	2	--	<1	--	0	--	0	.0	--	--	100
DEC. 03...	1	10	<1	0	0	<100	0	.0	.0	30	<10
JAN. 09...	1	2	1	20	0	13	1	.0	.0	30	10
FEB. 12...	1	<10	1	30	<10	<100	4	.0	.0	40	50
MAR. 14...	1	0	0	<10	0	16	8	.2	.2	40	--
APR. 04...	1	1	0	<10	0	9	0	.1	.1	30	0
MAY 21...	2	0	0	<10	0	9	0	.1	.0	10	10
JUNE 10...	1	1	0	<10	0	7	1	--	.1	20	0
JULY 11...	0	1	0	<10	0	3	0	.1	.1	40	0
AUG. 08...	1	0	0	<10	0	7	1	.3	.2	10	3
SEP. 10...	1	0	0	<10	0	5	1	.0	.0	40	20

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA.--Continued

SULFATE (MG/L AS SO4) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	55	45	38	34	32	---	---	55	58	75
2	---	84	52	46	38	34	32	---	---	55	56	72
3	---	64	52	46	38	33	33	---	---	53	60	73
4	---	71	50	47	40	34	---	---	---	50	64	65
5	---	72	49	46	39	34	---	---	---	52	48	71
6	---	---	51	46	---	33	---	---	---	50	46	70
7	70	---	48	46	---	32	---	---	---	54	52	67
8	72	---	62	46	---	32	---	---	---	53	53	72
9	71	---	54	46	---	34	---	---	---	56	52	74
10	71	---	67	46	---	32	---	---	---	57	40	73
11	66	---	68	44	---	32	---	---	---	52	50	80
12	64	---	66	46	---	32	---	---	---	48	50	80
13	68	64	69	46	---	32	---	---	---	50	52	75
14	65	61	65	44	33	32	---	---	---	50	54	77
15	65	53	67	40	32	32	---	---	---	46	52	77
16	68	50	52	43	34	32	---	---	---	47	60	48
17	66	50	52	38	34	31	---	---	---	43	59	68
18	56	63	44	44	33	---	---	---	---	42	60	69
19	78	63	45	42	33	26	---	---	---	40	65	68
20	70	52	45	44	31	31	---	---	---	50	62	63
21	72	50	45	36	33	30	---	---	---	40	66	55
22	66	53	51	36	32	30	---	---	---	52	64	62
23	72	53	45	36	33	34	---	---	---	52	62	66
24	72	55	40	35	32	33	---	---	---	46	64	75
25	72	52	41	34	34	31	---	---	---	47	64	72
26	72	52	45	33	32	33	---	---	---	44	65	70
27	70	52	---	35	34	30	---	---	---	44	63	74
28	73	52	41	34	32	32	---	---	---	50	59	69
29	74	51	42	34	---	33	---	---	---	54	66	76
30	77	53	44	36	---	32	---	---	---	52	71	74
31	87	---	46	34	---	33	---	---	---	54	78	---
MONTH	---	---	---	41	---	---	---	---	---	50	59	70

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	28	27	24	---	18	12	---	---	32	22	26
2	---	36	27	23	---	17	12	---	---	32	22	24
3	---	33	26	24	---	17	13	---	---	32	22	24
4	---	32	25	23	---	18	---	---	---	30	23	30
5	---	37	25	20	---	18	---	---	---	29	18	30
6	---	---	26	20	20	19	---	---	---	28	26	28
7	38	---	25	20	20	18	---	---	---	28	20	28
8	38	---	26	21	18	19	---	---	---	28	19	28
9	37	---	25	21	19	18	---	---	---	24	20	29
10	36	---	26	21	20	18	---	---	---	22	22	28
11	30	---	27	21	20	18	---	---	---	22	24	27
12	29	---	27	20	19	19	---	---	---	22	24	26
13	29	60	27	20	20	18	---	---	---	21	20	28
14	30	54	27	20	20	18	---	---	---	20	21	26
15	28	42	28	22	20	12	---	---	---	19	20	28
16	28	41	25	22	20	12	---	---	---	20	22	22
17	27	42	25	22	19	12	---	---	---	20	22	24
18	27	40	24	22	20	13	---	---	---	20	22	22
19	32	47	21	22	19	13	---	---	---	22	22	24
20	32	40	21	22	22	12	---	---	---	22	24	28
21	32	40	21	17	18	12	---	---	---	20	22	26
22	31	38	21	17	18	11	---	---	---	22	23	27
23	33	27	21	17	18	13	---	---	---	21	24	28
24	30	26	21	18	18	12	---	---	---	22	26	26
25	30	27	21	16	19	13	---	---	---	20	26	26
26	29	27	21	16	18	13	---	---	---	20	26	28
27	32	27	---	17	18	14	---	---	---	24	24	28
28	34	27	21	16	17	13	---	---	---	22	29	28
29	36	27	23	18	---	13	---	---	---	22	28	28
30	36	27	23	17	---	12	---	---	---	20	28	28
31	30	---	23	17	---	14	---	---	---	23	28	---
MONTH	---	---	---	20	---	15	---	---	---	24	23	27

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING FERRY, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	533	404	364	---	253	253	---	---	453	461	498
2	---	529	402	364	---	273	255	---	---	444	461	468
3	---	492	401	364	---	271	254	---	---	447	460	470
4	---	491	402	364	---	298	---	---	---	433	463	480
5	---	490	399	350	---	300	---	---	---	436	406	477
6	---	---	403	353	---	264	---	---	---	435	458	464
7	484	---	407	347	---	257	---	---	---	434	411	461
8	489	---	404	346	---	257	---	---	---	440	406	483
9	495	---	416	348	---	281	---	---	---	450	407	488
10	491	---	433	349	---	253	---	---	---	455	403	487
11	464	---	429	348	---	255	---	---	---	452	416	490
12	462	---	430	347	---	255	---	---	---	444	419	490
13	462	551	428	344	---	257	---	---	---	442	412	490
14	461	526	436	343	273	255	---	---	---	433	412	488
15	460	463	429	344	280	256	---	---	---	428	417	488
16	470	465	400	344	283	286	---	---	---	435	437	443
17	455	465	400	342	302	256	---	---	---	426	437	444
18	451	463	343	342	277	265	---	---	---	433	436	444
19	486	497	342	341	264	264	---	---	---	418	438	444
20	486	430	341	345	271	267	---	---	---	420	433	441
21	490	432	346	291	270	278	---	---	---	415	449	441
22	485	435	341	291	278	255	---	---	---	431	453	440
23	484	408	340	291	287	256	---	---	---	426	457	440
24	490	403	342	293	262	257	---	---	---	427	460	470
25	485	412	343	291	269	256	---	---	---	427	459	470
26	491	398	341	291	262	259	---	---	---	423	456	473
27	489	399	---	291	273	270	---	---	---	443	455	476
28	501	400	344	296	277	258	---	---	---	440	460	475
29	509	402	361	299	---	257	---	---	---	447	469	476
30	513	400	360	298	---	255	---	---	---	444	498	468
31	527	---	366	296	---	256	---	---	---	464	499	---
MONTH	---	---	384	330	---	264	---	---	---	437	442	469

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 29°57'03" long 90°08'17", at Jefferson-Orleans Parish line at Carrollton Street Municipal Water Plant.

DRAINAGE AREA.--1,243,600 mi^2 (3,220,900 km^2), arbitrarily determined.

PERIOD OF RECORD.--Chemical analyses: Water years 1967-68 (partial-record station), October 1968 to current year.
Water temperatures: November 1970 to current year.

REMARKS.--Continuous recorder at this station. Probes are 8 ft (2.4 m) above bottom of river.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
OCT.										
17...	1425	5.0	740	30	40	0	48	12	--	3.2
NOV.										
21...	1100	6.0	--	--	--	--	43	11	35	3.4
DEC.										
03...	1800	6.4	--	--	--	--	40	10	22	3.3
JAN.										
10...	1425	6.3	6700	20	240	0	35	8.9	17	2.6
FEB.										
13...	1230	6.8	--	--	--	--	35	10	17	3.0
MAR.										
05...	1140	6.7	--	--	--	--	34	9.5	17	2.0
APR.										
22...	1350	5.5	4800	40	150	20	29	7.5	9.0	2.1
MAY										
20...	2040	6.3	--	--	--	--	36	9.8	12	2.5
JUNE										
11...	0930	6.3	--	--	--	--	41	12	21	2.6
JULY										
10...	1600	7.4	5500	0	300	0	48	13	22	3.2
AUG.										
07...	1630	6.6	--	--	--	--	41	13	20	3.4
SEP.										
09...	1700	--	--	--	--	--	44	14	35	3.4

DATE	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)
OCT.									
17...	145	0	119	68	26	.8	.65	.00	.12
NOV.									
21...	124	0	102	56	45	.5	.77	.01	.04
DEC.									
03...	120	0	98	53	28	1.1	.86	.00	.05
JAN.									
10...	103	0	84	44	21	.4	.99	.01	.15
FEB.									
13...	105	0	86	46	21	.3	1.2	.02	.08
MAR.									
05...	106	0	87	40	23	.4	1.1	.02	.05
APR.									
22...	90	0	74	30	11	.3	1.1	.02	.06
MAY									
20...	107	0	88	38	14	.3	1.5	.01	.01
JUNE									
11...	123	0	101	45	29	.3	1.4	.02	.00
JULY									
10...	144	0	118	56	31	.4	2.0	.01	.05
AUG.									
07...	135	0	111	51	19	.6	1.3	.01	.06
SEP.									
09...	143	0	117	76	35	.7	.30	.00	.14

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)
OCT. 17...	.36	.27	270	--	43	170	50	456	7.9
NOV. 21...	.35	.40	266	261	555	150	51	462	7.9
DEC. 03...	.46	.32	220	223	193	140	43	412	7.8
JAN. 10...	.82	.31	--	186	232	120	36	342	7.5
FEB. 13...	.84	.31	274	191	200	130	42	339	7.6
MAR. 05...	.56	.27	209	185	220	120	33	337	7.6
APR. 22...	--	.21	145	139	156	100	26	257	7.2
MAY 20...	1.4	.18	197	172	128	130	42	311	7.6
JUNE 11...	.60	.16	243	218	57	150	51	396	7.6
JULY 10...	.83	.86	263	252	190	170	52	438	7.1
AUG. 07...	.70	.20	238	221	71	160	45	414	7.7
SEP. 09...	.40	.13	290	--	22	170	50	492	8.1

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 17...	21.0	10	10	8.3	2.0	7300	--	--	1000
NOV. 21...	15.0	--	180	8.1	1.1	17000	5400	--	50
DEC. 03...	11.5	50	85	9.6	1.9	1700	3900	200	140
JAN. 10...	10.5	30	70	10.5	--	3100	6300	400	670
FEB. 13...	8.0	40	80	10.4	3.4	3300	3000	280	600
MAR. 05...	7.5	60	65	10.3	2.7	1200	--	280	260
APR. 22...	16.0	5	60	8.6	1.4	240	1200	160	120
MAY 20...	21.5	20	55	7.6	1.2	730	950	120	24
JUNE 11...	25.0	19	30	7.0	1.2	1900	1300	--	600
JULY 10...	30.5	5	65	7.0	2.0	--	--	1500	290
AUG. 07...	27.5	0	30	6.3	1.3	--	1200	100	420
SEP. 09...	28.5	4	5	6.4	2.5	--	530	110	250

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M	TOTAL ORGANIC CARBON (C) (MG/L)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)
OCT.												
17...	120	--	--	--	5.6	--	--	.00	.0	.00	.00	.00
JAN.												
10...	--	--	--	--	5.4	.1	--	.00	.0	.00	.00	.00
MAR.												
05...	43	48	1.8	11	--	--	--	--	--	--	--	--
APR.												
22...	--	--	--	--	7.2	--	0	.00	.0	.00	.00	.00
MAY												
20...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
10...	--	--	--	--	5.6	--	0	.00	.0	.00	.00	.00

DATE	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)
OCT.											
17...	.20	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00
JAN.											
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
MAR.											
05...	--	--	--	--	--	--	--	--	--	--	--
APR.											
22...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
MAY											
20...	--	--	--	--	--	--	--	--	--	--	--
JULY											
10...	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00

DATE	PCB (UG/L)	TOX-APHENE (UG/L)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)
OCT.											
17...	.0	0	.00	.00	.01	.01	1	0	<10	0	0
JAN.											
10...	.0	0	.00	.06	.02	.00	--	2	20	0	10
MAR.											
05...	--	--	--	--	--	--	--	--	--	--	--
APR.											
22...	.0	0	.00	.02	.01	.01	2	1	0	0	<10
MAY											
20...	--	--	--	--	--	--	--	--	--	--	--
JULY											
10...	.0	0	.00	.02	.00	.00	4	0	0	0	<10

DATE	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)
OCT.											
17...	0	0	<50	0	<10	4	<100	1	.0	.0	0
JAN.											
10...	10	--	<50	1	0	8	<100	3	.0	.0	1
MAR.											
05...	--	--	--	--	--	--	--	--	--	--	--
APR.											
22...	0	--	0	0	6	6	4	1	.1	.1	0
MAY											
20...	--	--	--	--	--	--	--	--	--	--	--
JULY											
10...	0	--	3	1	17	5	11	1	.1	.1	1

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	SUS-PENDED GROSS BETA AS CS-137 (PC/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED NATURAL URANIUM (U) (UG/L)
OCT. 17...	0	30	20	--	--	--	--	--	--	--	--
JAN. 10...	0	30	30	--	--	--	--	--	--	--	--
MAR. 05...	--	--	--	--	--	--	--	--	--	--	--
APR. 22...	0	10	10	--	--	--	--	--	--	--	--
MAY 20...	--	--	--	2.1	6.8	4.7	5.9	3.8	5.0	.07	.5
JULY 10...	0	60	0	--	--	--	--	--	--	--	--

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	421	417	419	440	424	429	373	370	371	365	363	364
2	419	410	415	445	440	443	373	367	372	367	360	365
3	411	403	406	453	440	446	369	361	365	373	360	370
4	417	400	408	447	440	443	359	340	358	375	370	371
5	420	410	417	448	400	438	339	333	355	383	300	369
6	430	418	424	441	400	431	345	337	340	386	380	383
7	437	429	432	431	427	430	348	338	343	---	---	---
8	446	400	442	432	424	429	354	350	352	---	---	---
9	450	446	448	436	430	434	361	343	355	---	---	---
10	451	447	449	442	400	432	362	346	357	378	360	370
11	449	431	439	457	440	447	364	353	356	377	371	374
12	440	429	435	472	440	462	364	359	362	373	357	368
13	---	---	---	499	469	485	398	371	387	367	357	364
14	---	---	---	501	478	491	410	400	404	368	361	364
15	---	---	---	477	467	474	420	411	415	372	364	368
16	---	---	---	467	436	451	432	426	430	371	360	369
17	405	399	402	434	410	419	432	418	427	370	365	368
18	404	384	393	419	411	415	421	419	420	364	357	361
19	400	380	390	450	418	432	417	401	407	363	340	357
20	412	400	408	457	444	453	418	400	403	355	347	351
21	419	410	414	443	401	423	406	400	403	348	345	347
22	430	421	426	400	366	385	404	400	401	355	348	350
23	430	421	425	363	346	351	405	399	402	351	344	348
24	425	417	421	349	341	345	403	398	400	343	332	338
25	428	419	423	343	300	339	402	387	393	331	319	324
26	424	417	421	343	300	340	389	378	384	319	310	313
27	424	421	422	345	342	344	378	354	366	311	300	310
28	428	420	423	351	344	346	354	344	348	315	310	313
29	434	428	431	363	351	358	363	346	349	318	314	316
30	445	433	438	372	360	365	375	364	370	---	---	---
31	444	428	435	---	---	---	377	360	372	303	295	298
MONTH	---	---	---	501	300	416	432	333	380	---	---	---

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	312	300	307	295	288	291	242	239	241	284	200	271
2	316	310	315	310	295	302	243	240	242	298	280	289
3	326	316	321	321	311	317	246	244	245	312	296	304
4	332	325	329	324	320	322	249	246	247	321	312	316
5	336	333	335	336	320	332	248	245	247	325	321	323
6	334	330	332	330	319	324	247	246	247	326	321	324
7	336	332	334	319	307	313	248	245	247	322	310	317
8	344	300	337	306	300	303	248	246	247	314	304	309
9	347	344	345	300	296	297	274	244	245	---	---	---
10	345	337	342	296	290	293	272	260	269	---	---	---
11	338	330	335	293	289	291	269	266	268	---	---	---
12	338	330	335	293	288	290	269	266	267	---	---	---
13	336	327	333	293	288	290	266	263	265	---	---	---
14	326	310	317	300	290	296	264	260	262	---	---	---
15	309	303	306	304	299	302	260	259	260	---	---	---
16	306	300	305	306	303	305	258	255	257	---	---	---
17	306	300	305	309	305	307	258	255	256	---	---	---
18	310	305	308	312	300	308	256	252	254	---	---	---
19	310	300	305	312	300	310	256	253	254	---	---	---
20	305	290	298	310	308	309	254	252	253	---	---	---
21	296	290	293	312	300	307	254	250	252	---	---	---
22	295	290	291	309	300	304	256	251	253	---	---	---
23	295	290	292	301	290	294	257	254	256	---	---	---
24	296	290	294	290	280	286	259	256	258	---	---	---
25	297	290	293	282	251	267	261	258	259	---	---	---
26	295	290	292	256	246	251	263	261	262	308	306	307
27	293	289	291	250	243	246	266	263	264	308	300	306
28	291	288	289	245	242	244	269	266	268	307	304	306
29	---	---	---	247	243	245	277	269	272	310	300	308
30	---	---	---	249	247	248	279	275	277	315	310	312
31	---	---	---	251	249	250	---	---	---	323	314	318
MONTH	347	288	314	336	242	292	279	239	256	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	325	320	322	447	426	436	456	446	449	471	464	467
2	329	320	325	425	413	418	452	444	450	474	460	468
3	336	330	333	417	410	414	451	444	448	462	456	458
4	349	337	343	418	410	415	446	429	439	466	456	462
5	357	348	353	415	410	413	422	380	395	468	460	464
6	366	354	360	414	408	411	422	409	418	466	458	462
7	376	365	370	409	401	407	414	377	400	468	462	465
8	395	377	385	415	407	411	375	368	373	477	466	470
9	400	390	397	426	415	421	374	369	372	489	478	484
10	406	398	402	431	427	429	381	376	379	490	481	485
11	403	390	399	431	426	428	388	381	386	481	470	474
12	391	358	375	427	418	422	390	384	387	478	471	474
13	367	340	354	420	417	418	403	390	397	488	400	475
14	378	340	357	417	400	409	407	402	403	487	483	485
15	384	300	350	406	400	404	407	399	336	484	479	481
16	393	350	355	405	400	402	421	405	413	479	465	473
17	403	350	357	403	400	401	430	417	425	465	450	460
18	401	295	348	408	399	404	431	419	428	452	443	449
19	393	290	335	407	402	404	430	421	426	449	441	444
20	392	323	324	407	400	403	453	427	441	452	448	449
21	323	318	320	400	394	398	465	453	458	453	451	452
22	334	321	327	406	398	402	465	453	458	456	451	454
23	336	334	335	405	400	403	446	437	441	449	436	443
24	335	330	334	412	401	407	456	447	452	476	450	464
25	330	328	329	416	400	410	451	445	448	480	400	473
26	398	327	328	420	400	411	446	443	445	471	467	469
27	410	400	404	432	414	426	446	440	443	473	462	467
28	430	410	420	432	423	426	458	446	452	473	462	467
29	448	432	441	436	430	434	461	456	458	473	468	470
30	453	447	450	444	434	437	465	460	462	471	462	466
31	---	---	---	456	444	448	464	440	461	---	---	---
MONTH	453	290	361	456	394	415	465	368	424	490	400	466

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.0	22.5	23.0	19.5	19.0	19.5	12.5	12.0	12.5	8.5	8.0	8.0
2	22.5	22.5	22.5	19.5	19.5	19.5	12.0	12.0	12.0	8.0	8.0	8.0
3	22.0	22.0	22.0	19.5	19.5	19.5	12.0	11.5	11.5	8.5	8.0	8.5
4	22.0	21.5	21.5	20.0	19.5	19.5	11.5	10.0	10.5	8.5	8.0	8.0
5	21.5	21.5	21.5	---	---	---	10.0	10.0	10.0	8.0	8.0	8.0
6	21.5	21.5	21.5	19.5	19.5	19.5	10.0	9.5	9.5	8.0	8.0	8.0
7	21.5	21.5	21.5	19.5	19.0	19.0	9.5	9.5	9.5	---	---	---
8	21.5	21.0	21.5	19.0	19.0	19.0	9.5	9.0	9.5	---	---	---
9	21.5	21.0	21.5	19.0	19.0	19.0	9.0	9.0	9.0	---	---	---
10	21.5	21.0	21.5	19.0	18.5	18.5	9.0	9.0	9.0	8.5	8.0	8.5
11	21.5	21.0	21.0	18.5	18.5	18.5	9.0	9.0	9.0	8.5	8.0	8.5
12	21.5	21.0	21.0	18.5	18.0	18.0	9.0	8.5	9.0	8.5	8.5	8.5
13	---	---	---	18.0	17.5	17.5	8.5	8.5	8.5	8.5	8.0	8.0
14	---	---	---	17.5	17.0	17.0	8.5	8.0	8.5	8.0	8.0	8.0
15	---	---	---	17.0	16.5	16.5	8.5	8.0	8.5	7.5	7.5	7.5
16	---	---	---	16.5	16.0	16.0	8.5	8.0	8.5	7.0	7.0	7.0
17	20.5	20.0	20.5	16.0	15.5	15.5	8.5	8.0	8.0	7.0	7.0	7.0
18	20.5	20.0	20.5	15.5	15.0	15.0	8.0	8.0	8.0	7.0	7.0	7.0
19	20.5	20.0	20.5	15.0	14.5	15.0	8.0	8.0	8.0	7.0	7.0	7.0
20	20.5	20.0	20.0	15.0	14.5	14.5	8.0	8.0	8.0	7.0	7.0	7.0
21	20.0	20.0	20.0	---	---	---	8.0	8.0	8.0	7.5	6.5	7.0
22	---	---	---	14.5	14.0	14.0	8.0	7.5	8.0	7.5	6.5	6.5
23	---	---	---	14.0	14.0	14.0	8.0	8.0	8.0	6.5	6.5	6.5
24	20.0	19.5	20.0	14.0	13.5	13.5	8.0	7.5	8.0	6.5	6.5	6.5
25	20.0	19.5	19.5	14.0	13.5	13.5	8.0	8.0	8.0	6.5	6.5	6.5
26	19.5	19.5	19.5	13.5	13.0	13.5	8.0	8.0	8.0	6.5	6.5	6.5
27	19.5	19.0	19.5	13.5	13.0	13.0	8.0	7.0	8.0	6.5	6.5	6.5
28	19.5	19.0	19.5	13.0	13.0	13.0	8.5	8.0	8.5	6.5	6.5	6.5
29	19.5	19.0	19.5	13.0	12.5	13.0	8.5	8.5	8.5	6.5	6.5	6.5
30	19.5	19.0	19.5	13.0	12.5	12.5	8.5	8.0	8.5	7.5	6.5	7.0
31	19.5	19.0	19.5	---	---	---	8.5	8.0	8.0	7.5	7.5	7.5
MONTH	---	---	---	---	---	---	12.5	7.0	9.0	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	7.5	7.5	8.0	8.0	8.0	12.0	11.5	11.5	18.5	18.0	18.0
2	8.0	7.5	8.0	8.5	8.0	8.0	11.5	11.5	11.5	19.0	18.5	18.5
3	8.5	8.0	8.0	8.0	8.0	8.0	11.5	11.5	11.5	19.5	19.0	19.5
4	9.0	8.5	8.5	8.0	7.5	7.5	11.5	11.5	11.5	19.5	19.0	19.5
5	9.0	8.5	9.0	7.5	7.5	7.5	11.5	11.5	11.5	19.0	19.0	19.0
6	9.0	9.0	9.0	7.5	7.5	7.5	11.5	11.0	11.5	19.5	19.0	19.0
7	9.0	8.5	8.5	7.5	7.5	7.5	11.5	11.5	11.5	19.5	19.0	19.0
8	8.5	8.0	8.0	7.5	7.5	7.5	11.5	11.5	11.5	19.5	19.0	19.5
9	8.0	8.0	8.0	8.0	7.5	7.5	---	---	---	---	---	---
10	8.0	8.0	8.0	8.0	8.0	8.0	---	---	---	---	---	---
11	8.0	7.5	7.5	8.5	8.0	8.0	12.0	12.0	12.0	---	---	---
12	7.5	7.5	7.5	9.0	8.5	8.5	12.5	12.0	12.0	---	---	---
13	7.5	7.0	7.0	9.0	9.0	9.0	12.5	12.0	12.0	---	---	---
14	7.0	7.0	7.0	9.0	9.0	9.0	12.5	12.0	12.5	---	---	---
15	7.0	6.5	7.0	9.0	8.0	8.5	12.5	12.0	12.5	---	---	---
16	7.0	7.0	7.0	8.5	8.0	8.0	12.5	12.5	12.5	---	---	---
17	7.0	7.0	7.0	8.0	8.0	8.0	13.0	12.5	12.5	---	---	---
18	7.5	7.0	7.0	8.0	8.0	8.0	13.5	12.0	13.0	---	---	---
19	7.5	7.5	7.5	8.0	8.0	8.0	13.5	13.5	13.5	---	---	---
20	7.5	7.0	7.5	8.0	8.0	8.0	14.0	13.5	14.0	---	---	---
21	7.5	7.0	7.0	8.0	8.0	8.0	14.0	14.0	14.0	---	---	---
22	7.5	7.0	7.5	8.5	8.0	8.0	14.5	14.0	14.0	---	---	---
23	8.0	7.5	8.0	8.5	8.0	8.5	15.0	14.5	14.5	---	---	---
24	8.0	8.0	8.0	9.5	9.0	9.0	15.5	15.0	15.0	---	---	---
25	8.0	8.0	8.0	10.0	9.5	9.5	16.0	15.0	15.5	---	---	---
26	8.0	8.0	8.0	10.5	10.0	10.0	16.0	15.5	16.0	23.5	23.0	23.0
27	8.0	8.0	8.0	11.0	10.5	10.5	16.5	16.0	16.5	23.5	23.0	23.5
28	8.0	8.0	8.0	11.5	11.0	11.5	17.0	16.5	17.0	24.0	23.5	23.5
29	---	---	---	12.0	11.5	12.0	18.0	17.0	17.5	24.0	24.0	24.0
30	---	---	---	12.0	12.0	12.0	18.0	17.5	18.0	24.0	24.0	24.0
31	---	---	---	12.0	12.0	12.0	---	---	---	24.5	24.0	24.5
MONTH	9.0	6.5	8.0	12.0	7.5	9.0	---	---	---	---	---	---

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	24.5	24.5	27.0	26.5	27.0	29.0	28.5	28.5	29.0	29.0	29.0
2	25.0	24.5	24.5	27.0	27.0	27.0	28.5	28.5	28.5	29.5	29.0	29.0
3	25.0	24.5	24.5	27.0	27.0	27.0	28.5	28.5	28.5	29.5	29.0	29.5
4	25.0	24.5	25.0	27.5	27.0	27.0	28.5	28.0	28.5	29.5	29.0	29.5
5	25.5	25.0	25.0	27.5	27.0	27.5	28.0	27.5	27.5	29.5	29.0	29.5
6	26.0	25.5	25.5	28.0	27.5	27.5	28.0	27.5	27.5	29.5	29.0	29.5
7	26.0	25.5	26.0	28.5	28.0	28.0	28.0	27.5	27.5	29.5	29.0	29.5
8	26.0	26.0	26.0	28.5	28.5	28.5	28.0	28.0	27.5	29.5	29.0	29.0
9	26.0	26.0	26.0	28.5	28.5	28.5	27.5	27.5	27.5	29.0	29.0	29.0
10	26.0	26.0	26.0	29.0	28.5	28.5	27.5	27.5	27.5	29.0	25.0	29.0
11	26.0	25.5	26.0	29.0	28.5	28.5	27.5	27.5	27.5	29.0	29.0	29.0
12	25.5	25.0	25.5	28.5	28.5	28.5	28.0	27.5	27.5	29.0	28.5	29.0
13	25.5	25.0	25.5	28.5	28.5	28.5	28.0	27.5	27.5	29.0	28.5	29.0
14	25.5	25.0	25.5	28.5	28.5	28.5	28.0	27.5	28.0	29.0	28.5	28.5
15	25.5	25.5	25.5	29.0	28.5	28.5	28.0	28.0	28.0	28.5	28.5	28.5
16	25.5	25.0	25.5	28.5	28.5	28.5	28.5	---	27.0	28.5	28.0	28.5
17	26.0	25.5	25.5	28.5	28.5	28.5	29.0	28.5	29.0	28.0	27.5	28.0
18	26.0	25.5	26.0	29.0	28.5	28.5	29.5	25.0	29.0	27.5	27.0	27.5
19	26.0	26.0	26.0	29.0	28.5	29.0	29.5	29.0	29.5	27.0	27.0	27.0
20	26.0	25.0	25.5	29.0	25.0	29.0	29.5	29.0	29.5	27.0	26.5	26.5
21	25.5	25.0	25.5	29.0	29.0	29.0	29.5	29.0	29.0	26.5	26.0	26.5
22	25.5	25.5	25.5	29.0	29.0	29.0	29.5	29.0	29.0	26.0	25.5	26.0
23	25.5	25.5	25.5	29.5	25.0	29.0	29.5	29.0	29.5	25.5	24.5	25.0
24	26.0	25.5	25.5	29.5	29.0	29.0	29.5	29.5	29.5	24.5	24.5	24.5
25	26.0	26.0	26.0	29.5	29.0	29.0	29.5	29.0	29.5	24.5	24.0	24.0
26	26.0	26.0	26.0	29.5	29.0	29.0	29.0	25.0	29.0	23.5	23.0	23.5
27	26.0	26.0	26.0	30.0	29.0	29.5	29.0	29.0	29.0	23.5	23.0	23.0
28	26.5	26.5	26.5	30.0	29.5	29.5	29.0	29.0	29.0	23.0	22.5	22.5
29	26.5	26.5	26.5	30.0	29.5	29.5	29.0	28.5	29.0	22.5	22.5	22.5
30	26.5	26.5	26.5	29.5	29.0	29.5	29.0	28.5	29.0	22.5	22.0	22.5
31	---	---	---	29.5	29.0	29.5	29.0	29.0	29.0	---	---	---
MONTH	26.5	24.5	25.5	30.0	25.0	28.5	29.5	---	28.5	29.5	22.0	27.0

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	7.3	7.4	7.9	7.8	7.9	10.3	10.2	10.2	10.4	10.1	10.3
2	7.4	7.3	7.4	7.8	7.7	7.8	10.3	10.2	10.3	10.6	10.2	10.4
3	7.5	7.3	7.4	7.7	7.5	7.7	10.4	10.2	10.3	10.4	10.0	10.2
4	7.5	7.4	7.5	7.6	7.5	7.6	11.8	10.3	10.7	10.7	10.4	10.5
5	7.6	7.4	7.5	7.6	7.5	7.5	---	---	---	10.7	10.2	10.5
6	7.6	7.5	7.5	7.5	7.4	7.5	12.2	12.1	12.2	10.7	9.0	10.4
7	7.6	7.5	7.5	7.5	7.4	7.5	12.5	12.2	12.3	---	---	---
8	7.8	7.6	7.7	8.3	7.4	7.9	12.6	12.4	12.5	---	---	---
9	7.9	7.7	7.8	8.3	8.2	8.2	12.6	11.9	12.3	---	---	---
10	8.0	7.9	7.9	8.2	8.2	8.2	12.2	11.8	12.0	11.8	11.5	11.6
11	8.0	7.9	8.0	8.2	8.2	8.2	11.9	11.5	11.7	11.8	11.5	11.6
12	8.1	7.9	8.0	8.2	8.2	8.2	---	---	---	11.6	11.4	11.5
13	---	---	---	8.5	7.5	8.3	12.2	11.8	12.0	11.7	11.5	11.6
14	---	---	---	8.6	8.4	8.5	12.3	11.7	12.0	11.7	11.4	11.6
15	---	---	---	8.7	7.5	8.5	12.1	11.8	11.9	11.6	11.2	11.4
16	---	---	---	8.7	7.5	8.5	12.0	11.6	11.8	11.4	11.1	11.2
17	8.3	8.2	8.3	8.8	7.5	8.7	12.0	11.7	11.9	11.2	11.0	11.1
18	8.3	8.1	8.2	8.8	8.7	8.7	11.9	11.3	11.6	11.0	10.8	11.0
19	8.3	8.2	8.2	8.8	8.7	8.7	12.0	10.5	11.4	10.9	10.5	10.7
20	8.2	7.5	8.1	9.0	8.8	8.9	11.6	10.3	11.0	10.9	10.7	10.7
21	8.2	7.5	8.1	9.1	9.0	9.0	11.6	10.1	11.0	10.8	10.4	10.6
22	8.2	8.1	8.1	9.2	9.1	9.2	11.6	10.8	11.1	10.8	10.3	10.5
23	8.1	8.0	8.1	9.3	9.0	9.1	10.9	10.5	10.7	---	---	---
24	8.0	7.9	7.9	9.4	9.2	9.3	10.7	10.1	10.5	10.8	10.3	10.6
25	7.9	7.8	7.8	9.8	9.5	9.7	10.6	10.3	10.4	10.7	10.5	10.6
26	7.9	7.7	7.8	9.9	9.8	9.8	11.2	10.6	10.9	10.7	10.5	10.6
27	8.0	7.8	7.9	9.9	9.8	9.9	10.6	10.2	10.3	10.6	10.5	10.5
28	8.0	7.9	7.9	10.0	9.9	9.9	10.5	9.0	10.2	10.6	10.4	10.5
29	8.0	7.9	7.9	10.0	9.9	9.9	10.6	10.2	10.4	10.6	10.4	10.5
30	8.0	7.9	7.9	10.2	9.9	10.1	10.6	10.1	10.3	---	---	---
31	7.9	7.8	7.9	---	---	---	10.4	10.1	10.3	---	---	---
MONTH	---	---	---	10.2	7.4	8.6	---	---	---	---	---	---

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.6	12.4	12.5	---	---	---	9.6	9.4	9.5	---	---	---
2	12.8	12.0	12.6	---	---	---	9.4	9.3	9.3	---	---	---
3	12.9	12.7	12.8	---	---	---	9.5	9.4	9.5	7.6	7.5	7.6
4	12.9	12.8	12.8	---	---	---	9.5	9.2	9.4	7.6	7.4	7.5
5	12.9	12.6	12.8	---	---	---	9.3	9.2	9.3	7.5	7.3	7.4
6	13.1	12.8	12.9	11.6	11.1	11.3	9.3	9.2	9.2	7.4	7.3	7.3
7	13.2	12.0	13.1	11.3	11.1	11.2	9.3	9.1	9.2	7.3	7.2	7.3
8	13.3	12.6	13.0	11.4	11.3	11.3	9.2	9.0	9.1	---	---	---
9	13.1	12.8	12.9	11.4	11.1	11.2	9.1	9.0	9.0	---	---	---
10	13.2	12.9	13.0	11.1	10.9	11.0	9.0	8.9	9.0	---	---	---
11	12.9	12.7	12.8	11.0	10.9	10.9	9.0	8.8	8.9	---	---	---
12	13.2	12.8	12.9	10.9	10.8	10.8	9.0	8.8	8.9	---	---	---
13	13.3	12.8	13.1	11.4	10.8	10.9	8.9	8.8	8.8	---	---	---
14	13.3	12.9	13.1	11.4	10.8	10.9	8.9	8.8	8.8	---	---	---
15	13.1	12.8	13.0	12.2	11.2	11.5	8.8	8.6	8.7	---	---	---
16	13.0	12.8	13.0	11.7	11.0	11.2	8.8	8.4	8.6	---	---	---
17	13.2	13.0	13.1	11.3	11.0	11.1	8.7	8.4	8.6	---	---	---
18	13.1	12.8	13.0	11.0	10.9	11.0	9.1	8.4	8.8	---	---	---
19	13.2	12.0	13.1	11.5	10.9	11.1	9.2	8.9	9.0	---	---	---
20	---	---	---	11.6	10.8	11.0	9.1	8.9	9.0	---	---	---
21	---	---	---	11.3	10.7	10.9	9.0	8.9	9.0	---	---	---
22	---	---	---	11.1	10.6	10.9	9.0	8.5	8.8	---	---	---
23	---	---	---	11.2	10.9	11.1	8.8	8.4	8.6	---	---	---
24	---	---	---	11.1	10.5	11.0	8.6	8.4	8.5	---	---	---
25	---	---	---	11.7	10.4	11.1	8.5	8.2	8.4	---	---	---
26	---	---	---	11.4	10.3	10.7	8.3	7.3	7.8	6.8	6.7	6.7
27	---	---	---	10.9	10.1	10.3	7.8	7.2	7.6	6.7	6.5	6.6
28	---	---	---	10.0	9.9	10.0	---	---	---	6.6	6.5	6.5
29	---	---	---	---	---	---	---	---	---	6.8	6.5	6.6
30	---	---	---	---	---	---	---	---	---	6.8	6.6	6.7
31	---	---	---	9.7	9.5	9.6	---	---	---	6.8	6.6	6.7
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.6	6.5	6.6	6.5	6.4	6.5	5.0	5.0	5.0	6.7	6.5	6.6
2	6.5	6.4	6.4	6.5	6.3	6.4	5.0	4.9	4.9	6.8	6.6	6.7
3	6.5	6.4	6.4	6.6	6.2	6.4	4.9	4.9	4.9	6.8	6.7	6.8
4	6.5	6.3	6.4	6.5	6.1	6.3	4.9	4.8	4.9	7.1	6.8	7.0
5	6.4	6.2	6.3	6.3	6.1	6.2	4.8	4.7	4.8	7.5	7.1	7.3
6	6.5	6.4	6.4	6.1	6.0	6.0	4.7	4.6	4.7	7.9	7.4	7.6
7	6.4	6.4	6.4	6.0	5.9	5.9	4.8	4.6	4.7	7.8	7.8	7.8
8	6.5	6.4	6.4	---	---	---	4.7	4.6	4.7	7.7	7.5	7.6
9	6.4	6.3	6.4	---	---	---	4.7	4.4	4.6	7.5	7.4	7.5
10	6.6	6.4	6.5	---	---	---	4.5	4.5	4.5	7.5	7.4	7.4
11	6.7	6.0	6.5	---	---	---	4.5	4.5	4.5	7.3	7.3	7.3
12	6.3	6.2	6.2	---	---	---	4.6	4.5	4.6	7.2	7.2	7.2
13	6.3	6.2	6.3	---	---	---	4.7	4.6	4.7	7.1	7.0	7.0
14	6.6	6.3	6.4	---	---	---	4.8	4.7	4.7	7.0	6.9	7.0
15	6.7	6.5	6.6	---	---	---	4.8	4.7	4.7	6.9	6.8	6.8
16	6.7	6.6	6.6	---	---	---	5.5	4.8	5.0	6.7	6.7	6.7
17	6.7	6.6	6.6	---	---	---	5.0	4.9	5.0	---	---	---
18	6.8	6.6	6.7	---	---	---	5.1	5.0	5.1	---	---	---
19	6.7	6.6	6.6	---	---	---	5.1	5.0	5.2	---	---	---
20	6.7	6.0	6.6	---	---	---	5.8	5.1	5.1	---	---	---
21	6.6	6.0	6.5	---	---	---	5.7	5.1	6.2	---	---	---
22	6.7	6.5	6.6	---	---	---	5.7	5.6	6.0	---	---	---
23	6.7	6.6	6.6	---	---	---	5.7	5.6	5.7	---	---	---
24	6.8	6.7	6.7	---	---	---	5.9	5.8	5.8	---	---	---
25	6.8	6.7	6.8	---	---	---	6.0	5.9	5.9	---	---	---
26	6.8	6.7	6.7	---	---	---	6.1	6.0	6.1	---	---	---
27	6.8	6.6	6.7	6.2	5.3	5.4	6.3	6.2	6.2	---	---	---
28	6.8	6.5	6.7	5.4	5.3	5.4	6.3	6.1	6.2	---	---	---
29	6.8	6.6	6.7	5.3	5.1	5.2	6.4	6.2	6.3	---	---	---
30	6.6	6.5	6.6	5.2	5.1	5.1	6.4	6.3	6.4	---	---	---
31	---	---	---	5.1	5.0	5.1	6.6	6.4	6.5	---	---	---
MONTH	---	---	---	---	---	---	6.6	4.4	5.3	---	---	---

MISSISSIPPI RIVER MAIN STEM

07374522 MISSISSIPPI RIVER AT VIOLET, LA.

LOCATION.--Lat 29°52'52", long 89°54'02", T.14 S., R.13 E., St. Bernard Parish, 300 ft (91 m) from left bank at village of River Bend, 1.0 mi (1.6 km) south of Violet.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: January 1974 to current year.

REMARKS.--Samples are collected at surface and 50 ft (15 m) below surface.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DEPTH (FT)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT.												
17...	1030	--	5.3	10	49	13	--	3.6	150	0	123	62
17...	1035	50	5.3	20	46	14	--	3.3	144	0	118	64
NOV.												
21...	0845	50	5.9	20	50	12	36	3.2	141	0	116	62
21...	0846	--	6.2	10	43	12	37	3.3	131	0	107	67
DEC.												
12...	0900	--	5.9	0	38	10	22	3.2	108	0	89	50
12...	0905	50	5.9	0	39	10	22	3.2	105	0	86	51
JAN.												
10...	0930	--	6.5	0	38	10	18	2.6	108	0	89	46
10...	0935	50	6.6	0	37	9.3	18	2.6	109	0	89	46
FEB.												
13...	0915	--	6.6	20	35	10	16	2.4	104	0	85	45
13...	0916	50	6.6	10	35	9.9	16	2.4	100	0	82	44
MAR.												
05...	0900	--	6.9	0	35	9.8	18	2.0	107	0	88	40
05...	0901	50	6.9	10	35	9.5	18	.8	107	0	88	40
APR.												
23...	1010	--	5.7	10	27	7.7	9.3	2.2	93	0	76	30
23...	1015	50	5.6	10	28	7.6	8.9	2.3	91	0	75	30
MAY												
20...	0930	--	6.7	0	37	9.6	12	2.8	108	0	89	41
20...	0931	50	6.5	0	37	9.6	13	2.5	111	0	91	40
JUNE												
12...	1035	--	6.2	0	38	12	23	2.6	121	0	99	46
12...	1040	50	6.3	40	39	12	22	2.6	119	0	98	46
JULY												
10...	0920	50	7.3	0	46	14	26	3.3	143	0	117	55
10...	0921	--	7.2	10	43	14	26	3.3	146	0	120	53
AUG.												
07...	1430	--	6.8	170	41	13	21	3.3	135	0	111	51
07...	1435	50	6.9	0	41	13	20	3.2	138	0	113	51
SEP.												
09...	0930	--	--	260	43	14	33	3.3	140	0	115	72
09...	0935	50	--	10	44	14	35	3.7	139	0	114	73

07374522 MISSISSIPPI RIVER AT VIOLET, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT.												
17...	34	.9	.65	.00	.65	.36	288	--	28	180	53	488
17...	37	.8	.69	.00	.69	.36	312	--	39	170	54	478
NOV.												
21...	46	.5	.66	.01	.67	.45	298	285	397	170	59	496
21...	42	1.0	.75	.00	.75	.35	--	276	260	160	49	489
DEC.												
12...	27	1.1	.81	.01	.82	.42	238	210	427	140	47	374
12...	29	.7	.81	.01	.82	.44	206	213	609	140	54	392
JAN.												
10...	22	.5	.81	.10	.82	.44	199	197	10	140	47	353
10...	22	.4	1.1	.01	1.1	.24	188	196	74	130	41	358
FEB.												
13...	22	.3	1.2	.01	1.2	.41	194	189	250	130	45	331
13...	22	.4	1.2	.01	1.2	.43	184	186	451	130	48	348
MAR.												
05...	--	.3	1.1	.02	1.1	.22	206	--	128	130	42	338
05...	22	.2	1.1	.04	1.1	.23	209	185	138	130	39	342
APR.												
23...	11	.2	1.1	.02	1.1	.22	144	139	161	99	23	259
23...	11	.3	1.1	.02	1.1	.23	140	139	193	100	25	259
MAY												
20...	15	.5	1.5	.00	1.5	.19	213	178	83	130	43	316
20...	15	.3	1.4	.00	1.4	.14	195	179	165	130	41	318
JUNE												
12...	30	.3	1.3	.02	1.3	.19	233	218	170	140	45	391
12...	29	.4	1.3	.04	1.3	.25	248	216	323	150	49	404
JULY												
10...	32	.3	1.9	.00	1.9	.21	292	254	84	170	53	463
10...	31	.4	2.0	.01	2.0	.28	285	250	140	170	50	459
AUG.												
07...	20	.8	1.4	.00	1.4	.18	243	224	34	160	45	410
07...	20	.7	1.4	.00	1.4	.20	252	224	47	160	43	415
SEP.												
09...	34	.8	1.3	.00	1.3	.20	276	270	17	170	50	488
09...	34	.8	1.3	.00	1.3	.19	283	273	21	170	54	495

07374522 MISSISSIPPI RIVER AT VIOLET, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)
OCT.												
17...	7.8	20.5	10	20	8.5	1.3	16000	--	8.1	.00	2	0
17...	7.7	21.0	8	20	8.4	1.4	20000	--	5.9	.00	0	0
NOV.												
21...	7.9	15.5	40	170	7.9	3.0	5600	2000	10	.00	0	5
21...	7.9	15.0	90	130	8.1	3.2	6400	2500	7.8	.00	0	0
DEC.												
12...	7.4	13.5	90	120	10.2	3.3	2300	350	8.3	.00	9	1
12...	7.7	13.0	80	140	10.4	3.3	2700	420	6.4	.00	0	1
JAN.												
10...	7.4	--	30	55	9.9	3.4	3200	560	5.1	.00	3	0
10...	7.5	--	30	55	10.5	2.8	3300	580	5.3	.00	2	0
FEB.												
13...	7.6	7.5	30	60	9.9	2.4	5600	320	11	.00	10	0
13...	7.4	8.0	30	75	10.2	2.0	3000	300	4.6	.00	7	0
MAR.												
05...	7.6	7.5	10	60	10.5	2.3	3900	620	8.7	.00	0	0
05...	7.6	7.5	20	40	10.3	2.0	3300	--	--	.00	0	0
APR.												
23...	7.3	16.5	10	65	9.0	.4	4800	--	5.7	.00	1	0
23...	7.3	16.5	10	65	8.8	.6	4400	--	7.3	.00	0	0
MAY												
20...	7.5	24.0	30	40	7.0	3.3	--	920	5.2	.00	3	0
20...	7.7	24.0	25	60	7.2	1.1	--	1800	8.3	.00	7	0
JUNE												
12...	7.5	26.0	38	65	6.7	1.1	14000	--	5.4	.00	2	0
12...	7.5	26.0	16	120	5.8	.8	4300	--	6.4	.00	1	1
JULY												
10...	7.2	30.0	10	45	6.9	1.9	2100	400	4.6	.00	0	0
10...	7.1	29.5	5	60	7.4	2.1	3500	190	5.0	.00	0	0
AUG.												
07...	7.7	28.0	0	20	6.5	2.2	4500	310	4.0	.00	0	2
07...	7.7	28.5	0	30	6.3	1.6	5600	400	5.4	.01	0	8
SEP.												
09...	7.3	29.0	0	2	6.3	3.4	65000	--	5.0	.00	0	0
09...	7.8	29.0	5	6	6.5	1.9	11000	--	4.8	.00	0	0

07374522 MISSISSIPPI RIVER AT VIOLET, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.												
17...	--	3	--	1	--	0	--	3	.1	--	--	20
17...	--	1	--	0	--	0	--	2	.1	--	--	10
NOV.												
21...	--	2	--	--	--	0	--	0	.2	--	--	60
21...	--	2	--	--	--	0	--	0	.1	--	--	30
DEC.												
12...	3	2	2	0	15	0	26	3	.0	.0	1700	20
12...	4	2	2	0	20	0	27	2	.0	.0	--	30
JAN.												
10...	5	1	1	0	<10	0	16	6	.0	.0	110	20
10...	0	0	1	0	10	0	19	0	.1	.0	130	20
FEB.												
13...	2	1	1	0	<10	1	9	1	.0	.0	40	0
13...	3	1	1	0	<10	0	--	2	.0	.0	--	70
MAR.												
05...	3	0	0	0	<10	0	11	7	.1	.1	80	20
05...	5	1	0	0	10	0	22	1	.2	.0	180	50
APR.												
23...	2	1	0	0	<10	0	12	0	.1	.0	90	3
23...	3	1	0	0	<10	0	15	1	.1	.1	120	10
MAY												
20...	8	3	1	0	<10	0	14	1	.1	.0	40	30
20...	5	3	1	0	<10	0	16	0	.0	.0	110	6
JUNE												
12...	3	1	1	1	10	0	9	4	.1	.1	60	10
12...	3	1	3	0	<10	0	14	0	.1	.0	50	2
JULY												
10...	3	1	0	0	<10	0	6	0	.1	.1	10	10
10...	3	1	0	0	<10	0	12	1	.2	.0	100	20
AUG.												
07...	3	1	0	0	<10	0	5	1	.3	.2	4	5
07...	3	1	0	0	<10	0	6	1	.3	.1	50	9
SEP.												
09...	3	1	0	0	<10	0	7	0	.0	.0	40	20
09...	3	1	0	0	<10	0	24	0	.2	.0	120	20

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA.

LOCATION.--Lat 29°51'25", long 89°58'40", in lot 20, T.14 S., R.12 E., Plaquemines Parish, at Belle Chase ferry crossing at Belle Chase.

DRAINAGE AREA.--1,129,930 mi^2 (2,926,500 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

SULFATE (MG/L AS SO4), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	72	54	38	36	39	34	34	36	56	60	68
2	---	80	59	40	36	40	33	34	37	55	60	68
3	---	80	53	46	28	41	34	34	37	52	62	72
4	---	85	41	---	38	41	34	36	36	52	62	76
5	---	83	---	45	39	42	33	38	40	51	60	78
6	---	80	45	49	41	43	34	40	41	51	54	78
7	50	82	49	53	42	42	34	41	42	51	58	76
8	64	77	---	51	42	44	34	40	42	51	52	73
9	71	---	52	48	40	37	34	40	43	52	56	74
10	72	---	54	44	39	38	34	38	44	55	56	76
11	65	---	---	46	38	39	33	38	44	56	54	76
12	67	---	51	38	39	38	33	35	46	52	54	78
13	53	---	51	---	41	38	33	35	43	53	54	---
14	66	---	45	---	42	38	32	37	41	54	56	82
15	62	---	42	31	40	39	33	39	47	56	57	83
16	66	55	51	43	40	39	32	39	49	54	60	80
17	64	57	68	47	46	40	32	40	52	54	60	84
18	71	49	---	45	40	42	32	40	53	52	62	76
19	71	56	62	44	41	38	31	39	54	52	65	74
20	65	44	56	42	40	38	31	41	48	52	58	71
21	69	62	54	43	---	38	32	41	48	52	66	70
22	74	56	56	---	40	34	31	41	49	52	66	70
23	71	52	56	43	39	37	---	42	51	52	66	72
24	67	43	55	41	39	35	29	38	51	52	68	70
25	71	42	54	40	40	34	31	38	51	52	70	74
26	74	46	52	38	39	33	32	38	52	54	70	79
27	72	51	51	36	40	33	32	38	52	56	70	76
28	64	46	46	34	38	34	32	38	53	54	68	76
29	73	---	44	36	---	32	32	37	56	56	70	76
30	74	---	42	---	---	31	34	36	61	56	68	78
31	72	---	44	---	---	32	---	35	---	56	70	---
MONTH	---	---	---	---	---	38	---	38	47	53	62	---

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA.--Continued

CHLORIDE (MG/L AS CL), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	34	27	23	18	18	15	13	19	38	33	35
2	---	36	28	23	19	19	16	14	17	38	33	32
3	---	34	28	22	20	22	15	14	16	35	31	35
4	---	34	28	---	19	23	15	15	15	33	30	32
5	---	35	30	22	21	24	15	16	16	34	26	30
6	---	35	30	22	20	22	16	17	21	34	23	31
7	42	35	29	22	19	21	16	18	24	29	24	30
8	38	34	---	28	20	19	16	16	26	30	23	32
9	42	---	29	24	22	18	16	16	29	32	23	34
10	38	---	29	22	24	19	15	15	31	31	24	35
11	39	---	---	21	24	20	14	15	31	27	23	36
12	36	---	28	22	23	19	14	11	32	29	25	30
13	37	---	29	20	22	15	13	21	29	28	28	---
14	36	---	28	21	22	17	13	15	29	28	27	26
15	34	---	27	21	22	19	13	15	30	28	30	28
16	33	56	28	21	21	19	13	16	32	28	32	30
17	34	51	28	21	20	19	13	16	30	27	32	46
18	36	42	---	22	20	20	13	15	32	26	34	25
19	33	38	27	22	19	20	13	15	32	26	34	25
20	37	43	26	22	19	20	12	15	36	25	36	25
21	39	47	26	21	---	20	11	16	34	30	36	37
22	38	43	27	---	19	21	12	15	31	24	34	26
23	39	38	27	21	19	19	12	15	34	25	34	32
24	38	34	26	20	20	19	12	15	35	28	31	42
25	38	31	25	19	20	18	12	14	32	26	34	26
26	33	33	24	18	20	18	13	14	31	29	31	30
27	36	29	23	17	19	19	13	13	33	28	34	28
28	36	26	22	17	19	17	14	13	31	27	31	28
29	36	27	20	17	---	16	13	14	35	31	31	27
30	40	---	22	---	---	15	14	14	35	36	37	36
31	42	---	23	---	---	15	---	15	---	29	35	---
MONTH	---	---	---	---	---	19	14	15	29	30	30	---

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	524	403	360	296	304	263	289	284	457	463	480
2	---	524	416	353	305	309	266	295	316	456	473	481
3	---	528	409	357	310	326	268	294	319	435	474	489
4	---	527	401	---	317	337	270	313	326	431	472	492
5	---	516	395	356	330	336	273	324	339	434	455	479
6	---	517	391	367	330	328	272	330	351	431	398	482
7	475	518	388	370	329	329	273	327	363	432	430	474
8	477	511	---	388	330	360	273	319	374	429	407	472
9	495	---	394	364	336	303	273	311	394	435	408	475
10	493	---	400	374	344	297	270	305	400	446	404	493
11	499	---	---	340	334	292	266	297	402	442	402	493
12	484	---	383	331	332	297	269	295	395	444	408	483
13	485	---	392	331	361	289	265	300	389	445	419	---
14	483	---	415	323	337	291	263	302	385	441	425	485
15	483	---	416	326	318	298	262	306	405	435	432	496
16	482	519	418	327	310	303	261	314	413	437	445	493
17	482	499	430	329	333	304	259	295	426	432	451	460
18	488	456	---	330	315	313	257	317	435	430	459	462
19	498	454	409	320	315	315	256	315	421	424	470	454
20	484	479	394	318	307	313	256	319	420	422	479	445
21	508	498	394	313	---	312	254	317	415	424	472	450
22	507	451	400	---	309	314	254	317	413	422	462	458
23	508	424	397	313	308	306	261	277	426	424	471	461
24	506	402	396	309	307	297	263	310	428	431	464	453
25	507	394	392	297	310	286	271	302	422	427	470	459
26	491	393	384	288	304	279	269	297	415	436	465	483
27	506	389	371	281	308	271	271	299	414	439	468	471
28	506	385	352	279	305	264	273	299	425	437	462	475
29	507	388	340	282	---	263	278	299	445	454	461	469
30	519	---	349	---	---	262	287	299	467	468	477	477
31	525	---	365	---	---	260	---	299	---	464	480	---
MONTH	---	---	---	---	---	302	267	306	394	438	449	---

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, La.

LOCATION.--Lat 29°16'33", long 89°21'10", T.21 S., R.31 E., Plaquemines Parish, near center of river at mile 10.7 (17.2 km) at Venice.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: January 1973 to September 1974 (partial-record station), October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT.												
16...	1750	5.6	90	51	22	--	7.0	141	0	116	82	180
NOV.												
14...	0945	--	--	--	--	--	--	--	--	--	--	--
DEC.												
18...	1115	6.4	10	42	12	25	3.4	117	0	96	65	30
JAN.												
09...	1300	6.7	0	38	10	18	2.8	115	0	94	48	23
FEB.												
12...	1445	6.6	10	35	9.8	17	3.8	106	0	87	42	24
MAR.												
18...	0930	6.3	30	32	7.6	14	2.3	93	0	76	38	19
APR.												
22...	1640	5.7	30	28	7.4	9.4	2.2	91	0	75	29	12
MAY												
20...	1600	6.4	0	36	9.6	12	2.5	108	0	89	40	15
JUNE												
12...	1730	6.4	10	37	11	23	2.9	121	0	99	44	31
JULY												
10...	1300	7.0	0	45	12	23	3.2	135	0	111	53	29
AUG.												
07...	1200	7.4	0	46	14	25	4.0	148	0	121	56	26
SEP.												
09...	1400	--	0	45	19	73	4.8	140	0	115	84	99

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
OCT.												
16...	.9	.73	.00	.73	.28	568	--	30	220	100	988	7.8
NOV.												
14...	--	.61	.01	.62	.21	--	--	--	--	--	696	7.8
DEC.												
18...	.5	.92	.02	.94	.19	--	242	60	150	58	436	7.7
JAN.												
09...	.4	1.1	.04	1.1	.23	202	204	55	140	42	393	7.4
FEB.												
12...	.3	1.1	.01	1.1	.25	189	191	171	130	43	371	7.3
MAR.												
18...	.3	1.3	.03	1.3	.23	186	165	160	110	34	304	7.6
APR.												
22...	.2	1.1	.01	1.1	.22	139	139	205	100	25	255	7.3
MAY												
20...	.3	1.4	.01	1.4	.18	196	175	171	130	41	315	7.6
JUNE												
12...	.3	1.4	.01	1.4	.22	263	215	64	140	38	404	7.4
JULY												
10...	.3	1.7	.01	1.7	.20	280	239	42	160	51	431	7.2
AUG.												
07...	.8	1.6	.00	1.6	.21	273	252	31	170	51	461	7.8
SEP.												
09...	.6	1.5	.01	1.6	.23	438	--	23	190	76	754	8.0

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	TOTAL ARSENIC (AS) (UG/L)
OCT. 16...	20.5	10	10	7.7	3.2	4700	--	5.2	.00	0	0	--
NOV. 14...	17.0	--	25	8.2	--	1500	200	5.6	--	4	--	--
DEC. 18...	9.5	20	25	10.2	3.3	3200	420	3.4	.00	0	1	0
JAN. 09...	11.0	30	50	10.2	3.4	2100	300	4.3	.00	1	0	2
FEB. 12...	9.0	40	35	9.6	2.4	1600	480	5.2	.00	0	0	3
MAR. 18...	9.0	70	80	9.6	1.9	--	880	12	.00	0	0	3
APR. 22...	17.5	5	65	8.3	.7	4700	590	8.7	.00	0	0	3
MAY 20...	23.5	25	65	6.5	1.3	2000	300	6.9	.00	5	0	9
JUNE 12...	26.5	17	55	6.7	1.9	3200	--	4.2	.00	1	0	2
JULY 10...	29.5	16	45	6.1	.3	5700	2000	4.4	.00	0	0	3
AUG. 07...	28.5	0	20	7.1	2.1	5300	840	4.8	.01	0	18	3
SEP. 09...	29.0	5	3	6.7	3.0	1400	--	--	.00	--	--	3

DATE	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT. 16...	2	--	0	--	0	--	3	.2	--	--	4
NOV. 14...	--	--	--	--	--	--	--	--	--	--	--
DEC. 18...	1	0	0	<10	0	4	7	.1	--	9	7
JAN. 09...	2	1	1	20	0	3	0	.0	.0	30	10
FEB. 12...	0	0	0	<10	0	7	3	.0	.0	50	10
MAR. 18...	0	--	1	--	0	--	3	.2	.2	--	20
APR. 22...	1	1	1	10	0	9	0	.1	.1	20	2
MAY 20...	4	1	0	<10	1	12	0	.0	.0	40	40
JUNE 12...	1	1	1	10	0	6	3	.0	.0	40	10
JULY 10...	1	1	0	10	0	3	0	.1	.1	30	0
AUG. 07...	1	0	0	<10	0	4	3	.3	.2	20	20
SEP. 09...	1	0	0	<10	0	4	1	.0	.0	50	10

07374550 MISSISSIPPI RIVER AT VENICE, LA.--Continued

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	41	---	---	16	15	30	---	---	---
2	---	---	56	---	---	---	16	12	15	42	---	---
3	29	410	35	---	18	24	16	---	15	---	---	---
4	---	400	49	---	20	23	16	---	21	---	---	---
5	---	---	31	---	20	25	17	14	19	---	34	---
6	---	---	25	25	---	28	17	20	30	---	---	---
7	56	---	---	25	---	20	---	16	---	38	---	---
8	55	---	---	---	---	---	---	16	---	39	25	200
9	---	---	32	24	---	---	---	14	21	36	---	200
10	---	---	38	---	---	20	---	---	30	34	---	180
11	---	140	30	---	---	22	---	15	---	32	---	170
12	---	140	30	---	24	22	---	14	36	32	---	100
13	---	130	39	24	24	18	---	14	32	30	---	---
14	---	140	---	23	---	20	16	34	---	---	---	---
15	---	130	---	22	---	20	15	---	---	30	---	58
16	330	---	29	22	---	22	14	18	28	30	---	54
17	---	---	30	22	---	22	15	17	34	32	---	28
18	320	56	30	---	24	---	14	17	34	29	---	32
19	---	56	30	---	18	---	---	---	31	---	---	32
20	310	50	43	21	---	---	---	---	39	---	---	---
21	310	62	---	21	---	19	13	16	38	---	---	---
22	---	52	---	---	---	---	13	16	34	---	---	31
23	---	40	30	21	---	---	13	---	32	---	---	---
24	---	---	43	21	22	19	14	---	32	---	---	---
25	---	---	---	---	21	19	---	---	37	---	---	34
26	---	43	59	---	22	19	---	---	33	---	---	32
27	---	---	---	18	21	19	---	---	31	---	---	---
28	---	---	---	18	22	19	---	---	---	---	---	---
29	---	---	---	16	---	18	---	---	---	---	---	30
30	---	---	---	18	---	---	---	---	---	---	---	28
31	---	---	39	16	---	16	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07378510 AMITE RIVER AT 4-H CAMP NEAR DENHAM SPRINGS, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 30°26'30", long 90°58'20", in lot 41, T.7 S., R.2 E., St. Helena meridian, Livingston Parish, on left bank at auxiliary gaging station, 3.0 mi (4.8 km) downstream from gaging station Amite River near Denham Springs (sta 0738500), 3.0 mi (4.8 km) southwest of town of Denham Springs, and 3.2 mi (5.1 km) downstream from mouth of Comite River.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Chemical analyses: February 1973 to current year.
Water temperatures: March 1973 to current year.

REMARKS.--Continuous recorder at this station. Probes are 3 ft (0.9 m) above bottom of river. Lower limit of conductivity recorder is 28 micromhos.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)
OCT. 24...	1400	446	13	860	90	220	30	3.3	1.1	--	1.6	18
NOV. 14...	1045	711	--	--	--	--	--	--	--	--	--	--
DEC. 11...	1545	2860	--	--	--	--	--	--	--	--	--	12
JAN. 22...	0735	1690	13	2000	80	330	230	3.3	1.1	4.2	1.6	12
FEB. 24...	1045	1940	--	--	--	--	--	--	--	--	--	17
MAR. 26...	1020	2080	--	--	--	--	--	--	--	--	--	12
APR. 18...	1500	3020	8.8	3000	210	220	110	1.9	1.5	4.0	1.9	11
MAY 27...	0745	852	--	--	--	--	--	--	--	--	--	22
JUNE 25...	1530	1410	--	--	--	--	--	--	--	--	--	--
JULY 30...	1000	1780	10	1700	50	230	110	3.2	1.2	4.0	2.2	17
AUG. 21...	1400	1980	--	--	--	--	--	--	--	--	--	15
SEP. 04...	1400	912	--	--	--	--	--	--	--	--	--	19

DATE	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)
OCT. 24...	0	15	1.8	6.0	.0	.00	.00	.04	.44	.06	74	--
NOV. 14...	--	--	--	--	--	.10	.01	.13	.26	.08	--	--
DEC. 11...	0	10	--	--	--	.18	.01	.15	.84	.13	--	--
JAN. 22...	0	10	3.0	5.5	.1	.18	.01	.14	.40	.06	--	38
FEB. 24...	0	14	--	--	--	.20	.01	.15	.66	.15	--	--
MAR. 26...	0	10	--	--	--	.16	.02	.08	.37	.07	--	--
APR. 18...	0	9	4.0	5.9	.1	.14	.01	.06	.52	.06	52	34
MAY 27...	0	18	--	--	--	.04	.01	.12	.18	.05	--	--
JUNE 25...	0	--	--	--	--	.16	.02	.01	.32	.08	--	--
JULY 30...	0	14	2.3	4.7	.1	.21	.01	.07	.44	.09	56	36
AUG. 21...	0	12	--	--	--	.24	.01	.13	1.7	.12	--	--
SEP. 04...	0	16	--	--	--	.17	.00	.07	.56	.08	--	--

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 24...	13	0	57	7.4	--	--	30	8.1	.4	1600	180	20
NOV. 14...	--	--	50	--	15.0	--	20	9.2	2.7	--	900	500
DEC. 11...	--	--	44	6.6	13.0	--	50	9.7	5.2	480	840	750
JAN. 22...	13	3	51	6.4	12.0	--	40	10.0	3.7	100	60	71
FEB. 24...	--	--	62	6.7	12.5	--	55	9.2	1.5	1700	13000	--
MAR. 26...	--	--	44	6.5	20.0	5	25	8.4	3.8	830	560	480
APR. 18...	11	2	39	6.0	20.0	30	55	8.3	1.7	470	290	60
MAY 27...	--	--	64	6.8	26.0	15	15	7.4	2.4	5600	92	160
JUNE 25...	--	--	54	6.8	26.5	50	50	8.1	6.0	560	440	2100
JULY 30...	13	0	51	6.9	28.0	110	25	6.8	.7	1200	25	220
AUG. 21...	--	--	61	6.3	28.0	25	40	6.5	1.1	1500	--	--
SEP. 04...	--	--	76	7.0	27.5	30	15	7.0	3.4	6600	60	75

DATE	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	TOTAL ORGANIC CARBON (C) (MG/L)	TOTAL ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DISSOLVED COBALT (CO) (UG/L)
OCT. 24...	--	--	3.0	2	1	0	0	<10	0	7	0
JAN. 22...	--	--	3.3	1	1	0	0	<10	0	0	0
MAR. 26...	.50	.80	--	--	--	--	--	--	--	--	--
APR. 18...	--	--	6.2	1	0	1	0	<10	0	0	0
JUNE 25...	--	--	3.4	--	--	--	--	--	--	--	--
JULY 30...	--	--	4.2	1	1	1	0	<10	0	1	0

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)
OCT. 24...	21	13	7	2	.1	.0	20	0	--	--	--
NOV. 14...	--	--	--	--	--	--	--	--	96	68	184
DEC. 11...	--	--	--	--	--	--	--	--	155	86	1200
JAN. 22...	4	2	4	1	.0	.1	10	4	112	51	511
FEB. 24...	--	--	--	--	--	--	--	--	234	83	1230
MAR. 26...	--	--	--	--	--	--	--	--	104	86	584
APR. 18...	6	4	13	3	.1	.0	10	0	138	98	1130
MAY 27...	--	--	--	--	--	--	--	--	67	48	154
JUNE 25...	--	--	--	--	--	--	--	--	78	97	297
JULY 30...	6	2	2	0	.2	.1	3	0	52	88	250
AUG. 21...	--	--	--	--	--	--	--	--	145	81	775
SEP. 04...	--	--	--	--	--	--	--	--	38	79	94

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	47	45	46	39	33	35	58	45	50	52	50	51
2	47	45	46	43	39	41	44	39	41	56	53	55
3	49	39	41	44	42	43	41	38	40	55	53	54
4	43	41	42	46	44	45	43	40	41	54	52	53
5	44	42	43	47	46	46	45	42	43	52	51	52
6	44	43	44	46	45	46	60	45	48	53	51	52
7	44	43	43	46	44	45	81	47	59	102	50	55
8	44	43	44	48	44	46	46	32	40	44	31	36
9	44	43	43	52	49	51	31	---	---	32	---	---
10	43	42	43	51	47	49	33	30	31	28	---	---
11	44	43	43	99	47	71	43	33	37	28	---	---
12	44	43	43	69	46	54	44	40	41	28	---	---
13	43	41	42	52	47	50	42	40	41	28	---	---
14	44	41	43	47	46	47	42	41	42	28	---	---
15	52	44	46	48	47	48	78	42	55	32	---	---
16	86	51	63	49	47	48	54	38	43	38	33	36
17	50	46	47	57	48	51	38	37	37	41	38	39
18	46	43	44	58	53	56	44	37	40	42	41	42
19	44	43	44	59	38	46	44	41	42	44	42	43
20	44	42	43	71	39	51	53	43	49	46	44	45
21	43	42	43	53	33	38	52	49	50	47	46	46
22	43	42	43	32	29	30	49	47	48	47	46	47
23	44	43	43	36	32	34	49	46	47	48	47	48
24	44	42	43	39	36	38	51	49	50	55	48	50
25	43	41	42	43	40	42	90	50	61	74	54	63
26	43	42	43	43	42	43	70	51	59	56	52	54
27	43	41	42	47	43	45	51	43	46	51	49	50
28	44	42	43	47	43	45	44	43	43	49	48	49
29	51	44	47	47	44	45	48	44	46	51	49	50
30	77	33	42	89	46	63	48	46	47	52	51	51
31	37	32	34	---	---	---	51	47	49	53	50	53
MONTH	86	32	44	99	29	46	90	---	---	102	---	---

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	53	50	53	50	49	49	---	---	---	33	---	---
2	54	50	53	51	45	49	---	---	---	28	---	---
3	54	53	53	49	45	48	---	---	---	28	---	---
4	53	52	53	115	49	64	---	---	---	32	---	---
5	54	53	54	92	54	69	---	---	---	35	33	34
6	54	51	53	68	56	60	---	---	---	34	28	31
7	51	51	51	60	56	58	49	47	48	29	---	---
8	52	50	51	63	58	61	76	49	55	39	28	33
9	52	51	52	67	63	65	76	51	59	32	---	---
10	52	51	52	74	67	71	55	34	39	28	---	---
11	53	52	52	78	74	76	44	38	43	28	---	---
12	57	53	54	78	47	73	44	40	42	32	---	---
13	59	51	56	115	47	69	43	41	42	40	33	37
14	52	51	52	127	87	104	65	---	---	48	41	43
15	54	50	52	86	74	79	28	---	---	53	45	49
16	77	54	65	115	79	91	28	---	---	46	45	45
17	75	41	57	86	77	80	32	---	---	45	45	45
18	41	34	37	95	69	84	37	31	35	46	45	45
19	34	30	31	67	49	57	41	37	39	47	46	46
20	37	29	32	52	43	46	45	41	42	48	47	48
21	39	38	38	43	40	41	50	45	49	50	48	49
22	42	39	40	57	43	50	50	32	39	51	49	50
23	71	43	48	64	58	61	39	34	36	51	50	50
24	74	50	55	78	64	69	43	39	41	52	50	51
25	50	43	46	---	---	---	47	44	45	52	51	51
26	46	44	45	---	---	---	47	46	47	64	51	55
27	49	46	47	---	---	---	48	47	47	63	53	56
28	49	48	49	---	---	---	50	47	49	73	54	62
29	---	---	---	---	---	---	96	47	57	84	54	63
30	---	---	---	---	---	---	56	32	46	73	48	58
31	---	---	---	---	---	---	---	---	---	49	46	47
MONTH	77	29	49	---	---	---	---	---	---	84	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	46	45	45	44	41	43	47	47	47	53	41	47
2	47	44	46	44	42	44	34	34	31	49	42	45
3	51	47	48	43	39	41	28	---	---	54	49	52
4	52	50	51	46	41	44	28	---	---	57	54	55
5	53	52	52	42	38	40	32	32	32	77	46	55
6	53	53	53	41	38	39	36	32	36	76	56	63
7	62	52	54	42	38	40	34	31	33	68	39	53
8	57	50	53	45	41	43	40	36	38	39	37	38
9	54	---	---	72	45	53	44	41	43	45	35	38
10	28	---	---	58	41	50	46	43	44	44	35	41
11	28	---	---	45	33	39	53	47	50	40	34	35
12	28	---	---	37	33	35	53	50	51	48	41	42
13	28	---	---	41	36	39	54	51	53	53	40	43
14	34	---	---	48	41	46	55	52	54	42	37	39
15	46	34	38	51	47	49	53	52	52	46	42	44
16	40	30	36	54	51	52	54	44	51	70	45	50
17	30	---	---	54	52	53	49	41	46	61	48	56
18	28	---	---	58	52	53	52	43	49	47	---	---
19	36	---	---	96	59	69	43	37	39	28	---	---
20	36	29	32	73	50	55	51	44	48	28	---	---
21	39	37	38	50	46	48	73	49	54	30	---	---
22	46	38	41	58	48	51	70	50	54	36	30	34
23	45	44	44	58	42	46	51	48	49	41	36	39
24	47	43	44	46	43	45	55	51	54	44	41	43
25	46	45	45	51	47	49	80	51	55	47	44	45
26	46	41	44	60	51	53	93	55	66	49	47	48
27	43	39	41	80	52	58	56	55	55	50	48	49
28	47	34	38	52	42	48	57	55	56	52	50	51
29	45	41	42	49	45	47	71	57	62	52	50	51
30	45	42	44	52	46	48	60	56	57	53	50	52
31	---	---	---	51	46	48	55	49	53	---	---	---
MONTH	62	---	---	96	33	47	93	---	---	77	---	---

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.0	21.0	22.5	23.0	21.5	22.5	11.0	10.0	10.5	19.0	18.5	19.0
2	---	---	---	24.0	22.5	23.0	10.0	9.0	9.5	18.0	16.0	17.0
3	---	---	---	23.5	22.5	23.0	10.0	8.5	9.5	16.5	15.5	16.0
4	22.5	19.5	21.0	23.0	22.0	22.5	10.5	9.0	9.5	15.5	13.5	14.5
5	22.5	19.5	21.5	22.5	20.0	21.0	10.5	9.0	10.0	13.5	12.0	12.5
6	23.5	20.5	22.0	---	---	---	13.0	10.5	11.5	13.5	11.5	12.5
7	23.0	20.5	22.0	---	---	---	14.5	13.0	14.0	14.0	12.5	13.5
8	24.0	21.0	22.5	---	---	---	13.5	12.5	13.0	15.0	13.5	14.0
9	23.5	21.5	22.5	---	---	---	12.5	12.0	12.0	15.5	14.5	15.0
10	23.5	21.0	22.5	---	---	---	12.0	10.5	11.0	15.5	15.5	15.5
11	23.5	21.0	22.5	---	---	---	12.5	10.5	11.5	15.5	15.0	15.0
12	24.5	22.5	23.5	18.0	16.5	17.0	12.5	12.0	12.0	15.0	13.5	14.5
13	24.5	22.5	23.5	16.5	15.0	15.5	12.0	11.0	11.5	13.0	10.5	12.0
14	24.5	22.5	23.5	15.5	14.5	15.0	12.5	11.5	12.0	10.5	8.5	10.0
15	24.0	21.5	23.0	14.5	13.0	13.5	14.0	12.5	13.5	10.0	9.0	9.5
16	21.0	19.0	20.0	14.0	12.5	13.5	13.5	12.5	12.5	11.5	10.0	10.5
17	20.0	18.0	19.0	15.5	14.0	15.0	12.5	11.0	11.5	13.0	11.5	12.5
18	21.0	18.5	19.5	18.5	15.5	17.0	11.0	10.5	11.0	14.0	13.0	13.5
19	22.0	19.0	20.5	20.0	18.5	19.0	13.5	11.5	12.5	15.0	14.0	14.5
20	21.5	19.5	20.5	20.5	19.0	19.5	14.0	13.5	13.5	15.0	13.5	14.0
21	20.5	18.5	19.5	18.5	17.5	18.0	14.0	12.5	13.0	13.5	12.5	13.0
22	20.0	15.5	19.0	17.5	16.5	16.5	13.0	12.0	12.5	13.5	12.5	13.0
23	20.5	18.5	19.5	16.5	16.0	16.5	14.5	12.5	13.5	14.0	13.0	13.5
24	20.5	18.5	19.5	17.5	16.5	17.0	17.5	14.5	16.0	14.0	13.5	13.5
25	19.5	18.5	19.0	17.5	15.0	16.5	18.0	16.5	17.5	15.5	14.0	14.5
26	20.0	18.0	19.0	15.0	13.5	14.0	16.5	14.5	15.0	15.5	15.0	15.0
27	20.5	18.0	19.5	14.0	12.5	13.0	16.0	14.5	15.5	16.5	15.0	15.5
28	21.0	19.5	20.0	13.5	12.5	13.0	16.5	16.0	16.5	18.0	16.0	17.0
29	22.5	20.5	21.5	14.0	12.5	13.5	18.0	16.5	17.5	19.5	18.0	18.5
30	23.0	20.5	21.5	14.0	11.5	13.0	18.5	17.5	18.5	20.5	19.0	19.5
31	22.5	21.0	22.0	---	---	---	19.5	18.0	19.0	20.5	19.5	20.0
MONTH	---	---	---	---	---	---	19.5	8.5	13.0	20.5	8.5	14.5

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.5	20.0	20.5	19.0	17.0	18.0	---	---	---	20.0	19.5	19.5
2	22.0	21.0	21.5	19.0	16.0	18.0	---	---	---	20.5	20.0	20.0
3	22.0	21.0	21.5	18.0	15.0	16.5	---	---	---	20.5	20.0	20.0
4	21.0	19.5	20.0	---	---	---	---	---	---	21.0	20.0	20.5
5	20.0	19.0	19.5	---	---	---	---	---	---	22.0	21.0	21.5
6	19.0	16.5	18.0	---	---	---	---	---	---	22.0	21.5	21.5
7	16.0	14.0	15.0	---	---	---	19.0	18.5	18.5	22.5	22.0	22.0
8	14.5	12.5	13.5	---	---	---	18.0	17.5	18.0	22.0	21.0	21.5
9	15.5	14.0	14.5	---	---	---	19.5	17.5	18.5	21.0	20.5	21.0
10	15.0	14.0	14.5	---	---	---	20.0	18.5	19.0	21.0	20.5	21.0
11	16.0	14.0	15.0	---	---	---	19.5	18.5	19.0	21.5	21.0	21.0
12	18.0	16.0	17.0	---	---	---	19.5	18.5	19.0	22.5	21.5	22.0
13	17.0	15.5	16.0	---	---	---	18.5	17.5	18.0	23.0	22.0	22.5
14	15.5	14.0	15.0	---	---	---	17.0	14.0	15.0	23.0	22.0	23.0
15	15.5	14.5	15.0	---	---	---	16.0	14.5	15.5	23.5	22.0	22.5
16	18.5	15.5	17.0	---	---	---	16.5	15.5	16.0	23.5	22.5	23.0
17	19.0	18.0	18.5	---	---	---	18.5	16.5	17.5	23.5	22.5	23.0
18	19.0	18.5	18.5	---	---	---	21.0	18.5	20.0	24.0	22.5	23.5
19	19.0	17.0	18.0	---	---	---	22.5	21.5	21.5	26.0	23.5	24.5
20	17.0	15.5	16.5	---	---	---	21.0	19.0	20.0	26.5	24.5	25.5
21	15.5	15.0	15.5	---	---	---	19.0	18.5	19.0	27.0	25.0	26.0
22	18.5	16.0	17.5	---	---	---	20.0	19.0	19.5	28.0	25.5	26.5
23	19.0	17.0	18.5	---	---	---	21.0	19.5	20.5	28.5	26.0	27.0
24	16.5	14.0	15.0	---	---	---	23.0	21.0	22.0	28.5	26.5	27.5
25	14.5	11.5	13.5	---	---	---	25.0	22.5	23.5	27.5	26.0	27.0
26	15.5	14.0	15.0	---	---	---	26.5	24.5	25.5	28.5	26.0	27.0
27	17.5	15.0	16.5	---	---	---	27.0	25.0	26.0	28.0	26.5	27.5
28	18.5	16.0	17.5	---	---	---	27.0	25.0	26.0	27.0	26.0	26.5
29	---	---	---	---	---	---	26.5	22.0	24.0	26.0	25.0	25.5
30	---	---	---	---	---	---	25.0	20.0	22.5	25.5	22.5	23.5
31	---	---	---	---	---	---	---	---	---	23.5	22.5	23.0
MONTH	22.0	11.5	17.0	---	---	---	---	---	---	28.5	19.5	23.5

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.0	23.0	24.0	27.0	25.0	26.0	25.5	24.0	24.5	30.0	27.0	28.5
2	26.5	24.0	25.0	27.0	26.5	26.5	24.5	23.5	24.0	32.0	27.0	29.5
3	27.0	25.0	26.0	27.0	26.0	26.5	24.5	24.0	24.0	32.0	29.0	30.5
4	26.5	25.5	26.0	28.5	25.5	27.0	24.5	24.0	24.5	30.5	26.5	28.0
5	27.5	26.0	26.5	29.5	27.0	28.0	24.5	24.0	24.5	26.5	24.5	25.5
6	27.5	25.5	26.5	29.5	28.0	28.5	25.5	24.0	24.0	26.5	24.5	25.5
7	27.0	26.0	26.5	30.0	27.5	29.0	26.0	25.0	25.5	26.0	25.0	25.5
8	27.0	25.5	26.0	29.5	27.5	28.5	26.0	25.0	25.5	25.5	25.0	25.0
9	26.5	23.0	24.0	29.0	27.0	28.0	26.0	25.5	25.5	26.5	24.5	25.5
10	23.5	22.5	23.0	27.5	26.0	26.5	25.5	24.5	25.0	25.5	24.5	25.0
11	22.5	21.5	22.0	26.5	24.0	25.0	25.5	24.5	25.0	25.5	24.5	25.0
12	22.0	21.5	21.5	26.0	24.0	25.0	26.5	25.0	26.0	26.5	25.0	25.5
13	23.0	21.5	22.5	26.5	25.0	25.5	29.0	26.5	27.5	26.5	25.0	25.5
14	23.5	22.5	23.0	27.0	25.5	26.0	30.0	27.5	28.5	25.0	24.0	24.5
15	23.5	21.5	22.5	27.5	25.5	26.5	30.5	27.5	28.5	25.5	24.0	24.5
16	22.5	21.5	22.0	29.0	26.5	27.5	31.0	27.5	29.0	24.5	24.0	24.0
17	23.5	22.0	23.0	29.5	27.0	28.0	28.5	26.5	27.5	25.0	23.5	24.0
18	24.0	23.0	23.5	29.5	27.0	28.5	30.5	27.5	29.0	24.5	22.5	23.5
19	24.0	23.0	23.5	29.0	27.0	28.0	30.0	28.0	29.0	23.0	22.5	22.5
20	24.0	22.5	23.5	28.0	26.0	27.0	30.5	28.5	29.5	23.0	22.5	22.5
21	25.5	23.0	24.5	28.5	26.5	27.5	28.5	26.5	27.5	23.0	22.5	22.5
22	25.5	24.0	25.0	29.0	26.5	27.5	28.0	26.0	26.5	23.0	20.5	22.0
23	24.0	23.0	23.5	26.0	25.0	25.5	28.5	26.5	27.5	20.5	19.5	20.0
24	24.0	23.0	23.5	28.5	26.0	26.5	28.0	26.0	27.0	20.5	19.0	20.0
25	24.5	23.0	24.0	29.0	26.5	27.5	28.0	24.5	27.0	22.0	19.0	20.5
26	26.0	23.5	25.0	30.0	27.0	28.0	28.0	24.0	26.0	22.0	20.0	21.0
27	30.0	28.0	30.0	30.0	26.5	28.5	30.5	26.5	28.5	22.0	19.5	21.0
28	28.0	26.0	27.0	29.5	28.0	29.0	31.5	27.5	29.5	22.0	20.0	21.0
29	25.5	25.0	26.0	30.0	27.0	28.5	30.5	27.0	29.0	22.5	20.0	21.0
30	26.5	25.5	26.0	29.5	25.5	27.5	30.5	27.0	28.5	22.5	21.0	22.0
31	---	---	---	26.0	25.0	25.5	31.0	27.0	29.0	---	---	---
MONTH	30.0	21.5	24.5	30.0	24.0	27.0	31.5	23.5	27.0	32.0	19.0	24.0

07380230 PASS MANCHAC NEAR PONCHATOULA, LA. (COE NO. 85420)

LOCATION.--Lat 30°16'53", long 90°24'01", T.9 S., R.8 E., Tangipahoa Parish, U.S. Highway 51 at bridge 10 mk (16.1 km) south of Ponchatoula.

DRAINAGE AREA.--3,204 sq mi.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	460	500	390	340	58	500	690	120	52	62	43	26
2	400	520	440	280	51	540	730	130	65	64	52	23
3	400	640	390	1600	49	800	740	130	52	62	34	22
4	490	500	430	360	260	800	2500	120	48	44	28	40
5	810	500	500	650	94	900	1700	110	50	42	28	72
6	480	880	600	1100	180	410	740	130	52	38	48	36
7	320	1000	730	620	120	460	---	67	56	34	48	46
8	400	400	410	590	360	280	420	260	48	54	40	22
9	410	540	360	460	740	500	480	420	66	50	36	24
10	430	900	440	290	520	750	280	97	260	54	34	28
11	420	500	500	300	1200	320	500	110	150	50	30	18
12	480	480	400	320	160	280	300	230	41	55	26	18
13	520	550	380	300	260	300	210	270	66	53	37	20
14	560	570	340	240	340	410	920	220	56	74	23	30
15	750	550	360	320	740	480	270	52	39	29	21	28
16	400	910	350	330	1100	650	250	73	30	36	30	200
17	400	990	310	310	400	280	410	70	42	28	28	86
18	360	640	320	320	480	320	190	110	42	31	28	58
19	440	620	400	220	400	350	160	85	50	23	24	52
20	400	460	460	200	440	240	180	68	110	45	36	56
21	440	440	190	170	760	280	200	82	100	32	23	73
22	980	550	230	350	1400	250	150	88	76	36	36	380
23	1100	590	280	220	1500	250	210	79	150	39	97	88
24	520	570	340	150	640	220	150	89	86	38	88	82
25	500	500	220	160	310	140	140	180	80	38	24	42
26	490	580	270	270	680	370	130	200	68	34	20	44
27	520	640	550	170	970	500	130	90	71	42	22	110
28	600	530	310	210	700	740	130	95	88	53	40	69
29	860	540	370	130	---	380	150	180	74	45	35	77
30	810	450	320	140	---	500	140	140	56	30	22	---
31	720	---	310	70	---	500	---	60	---	40	21	---
MONTH	540	600	380	360	530	440	---	130	74	44	36	---

07380250 BAYOU BARATARIA AT LAFITTE, LA. (COE NO. 82875)

LOCATION.--Lat 29°40'06", long 90°06'36", lot 5, T.16 S., R.23 E., at Marrero and Fourth Streets, 1.0 mi (1.6 km) south of Lafitte, La.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1400	6400	---	690	500	540	440	1100	290	220	260	180
2	1600	6700	1000	530	570	520	520	500	300	200	320	180
3	1600	6400	850	660	530	600	480	360	300	230	240	190
4	1600	6000	790	600	640	980	520	380	430	210	240	200
5	1600	3500	750	610	560	380	510	300	210	230	140	190
6	1700	1800	860	610	580	420	480	580	290	240	180	200
7	1800	1700	980	640	400	740	470	1000	310	230	100	220
8	1700	1700	810	530	420	500	480	500	280	190	120	200
9	1300	1500	770	580	550	460	520	520	300	130	200	210
10	1500	2400	850	620	870	520	600	460	310	120	200	230
11	1700	2700	860	690	690	540	420	400	320	140	120	220
12	1700	1500	1000	1100	650	640	440	400	200	180	140	200
13	1700	1200	1100	530	490	660	460	420	200	180	120	200
14	2500	1300	1200	510	480	660	440	390	280	200	110	160
15	1500	1300	1100	540	690	650	380	380	280	200	120	160
16	1600	1600	800	510	660	420	440	390	240	220	130	200
17	1300	1600	750	560	700	440	430	360	260	240	130	190
18	1600	1600	860	590	810	650	600	370	280	230	130	210
19	3400	1700	890	550	520	440	450	370	270	310	140	240
20	1100	1500	810	540	610	440	460	380	290	250	140	180
21	1500	1500	450	520	660	440	480	360	260	260	150	210
22	1900	1900	700	700	720	440	---	380	250	260	150	340
23	1600	2200	560	770	1600	420	370	380	250	260	130	170
24	2100	1300	600	620	720	480	450	390	250	260	150	220
25	2000	1200	700	580	740	500	560	430	250	240	150	160
26	2900	1200	680	590	590	500	530	460	210	270	150	110
27	5100	1100	670	610	560	440	540	360	220	280	140	170
28	3200	1400	720	590	560	680	580	360	240	250	150	180
29	2000	1900	700	650	---	380	730	420	220	300	200	230
30	2500	1300	690	590	---	260	880	520	230	200	150	160
31	5600	---	650	470	---	400	---	310	---	300	170	---
MONTH	2100	2300	---	610	650	510	---	450	270	220	160	200

07381230 BAYOU LAFOURCHE AT LAROSE, LA.

LOCATION.--Lat 29°34'30", long 90°23'40", in lot 46, T.17 S., R.20 E., Lafourche Parish, at highway bridge connecting State Highways 1 and 308, 0.4 mi (0.6 km) northwest of Larose, and 0.6 mi (1.0 km) upstream from Intracoastal Waterway.

PERIOD OF RECORD.--Chemcial analyses: October 1973 to current year.

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during freshets and some flow from Company Canal, entering at Lockport. Reverse flow at times of high tide. Conductance recorder with probe 3 ft (0.9 m) from stream bottom. Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
JUNE												
02...	1435	80	19	7.0	72	0	59	16	36	.44	.01	.45
17...	1510	100	21	6.6	82	0	67	14	26	.21	.01	.22
JULY												
01...	1013	60	20	7.1	83	0	68	11	37	.09	.00	.09
15...	1104	240	22	6.0	77	0	63	7.8	30	.11	.09	.20
29...	1842	20	27	8.4	100	0	82	18	27	.24	.04	.28
AUG.												
12...	1149	250	17	5.5	66	0	54	8.7	26	.04	.01	.05
26...	1228	130	20	6.7	139	0	114	10	44	.13	.19	.32
SEP.												
09...	1417	170	25	8.6	90	0	74	22	50	.35	.00	.35
15...	1459	80	18	9.3	60	0	49	21	150	.08	.00	.08

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
JUNE												
02...	.21	80	76	17	244	7.4	25.5	50	30	5.2	4.8	680
17...	.23	204	80	12	236	7.2	--	85	40	5.8	2.6	1200
JULY												
01...	.14	69	79	11	253	7.9	28.5	50	25	4.3	1.4	1200
15...	.31	80	80	16	277	7.7	--	60	30	5.1	1.8	--
29...	.34	64	100	18	291	7.5	30.0	20	30	5.0	2.3	5000
AUG.												
12...	.20	21	65	11	216	7.1	27.5	30	15	4.1	.8	480
26...	.43	45	78	0	258	7.8	32.0	60	40	4.2	2.4	8700
SEP.												
09...	.15	50	98	24	318	7.7	30.5	50	35	5.8	3.3	--
15...	.12	34	83	34	643	7.9	29.0	70	15	7.4	1.2	1100

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
JUNE												
02...	90	12	.00	3	0	.00	.0	.00	.00	.00	.00	.00
17...	380	14	.00	10	0	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	40	11	.00	1	0	.00	.0	.00	.00	.00	.00	.00
15...	--	9.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
29...	1100	12	.00	0	5	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	170	12	.00	18	0	.00	.0	.00	.00	.00	.00	.00
26...	700	15	.01	4	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
09...	--	8.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	97	14	.00	0	1	.00	.0	.00	.00	.00	.00	.00

07381230 BAYOU LAFOURCHE AT LAROSE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
JUNE											
02...	.00	.00	.00	.0	0	4	3	1	1	1	0
17...	.00	.00	.00	.0	0	3	1	2	2	1	1
JULY											
01...	.00	.00	.00	.0	0	4	3	1	1	1	0
15...	.00	.00	.00	.0	0	3	2	1	0	0	2
29...	.00	.00	.00	.0	0	3	2	1	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	3	2	1	0	0	1
26...	.00	.00	.00	.0	0	4	3	1	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	3	2	1	0	0	0
15...	.00	.00	.00	.0	0	2	1	1	0	0	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE											
02...	<10	0	6	6	0	.0	.0	.1	50	20	30
17...	<10	0	6	6	0	.0	.0	.0	10	0	10
JULY											
01...	<10	0	3	3	0	.1	.1	.0	20	20	0
15...	<10	0	10	8	2	.1	.0	.1	20	0	20
29...	<10	0	3	3	0	.1	.1	.0	30	30	0
AUG.											
12...	10	0	7	7	0	.1	.0	.1	60	40	20
26...	<10	0	10	10	0	.0	.0	.0	10	3	7
SEP.											
09...	<10	0	0	0	0	.0	.0	.0	30	30	2
15...	<10	0	3	3	0	.0	.0	.0	30	30	4

CHLORIDE (MG/L AS CL), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	590	99	---	---	---	340	39	28	31	32	54
2	1300	600	100	---	---	---	76	33	24	28	24	42
3	1300	640	95	---	---	---	60	50	24	30	24	44
4	1300	600	96	---	---	---	48	46	26	30	20	28
5	1300	610	98	---	---	---	49	41	28	33	18	40
6	1300	610	89	---	---	---	54	37	34	30	28	32
7	1400	600	96	---	---	---	54	37	34	30	24	32
8	1300	600	96	---	---	---	54	33	32	36	22	35
9	1300	600	92	---	---	---	54	39	29	34	25	30
10	1300	600	94	---	---	---	42	46	28	28	23	31
11	1300	580	66	---	---	---	---	49	35	36	24	36
12	1400	700	65	---	---	---	49	52	30	37	24	40
13	1400	---	67	---	---	---	55	54	28	38	26	30
14	1400	---	70	---	---	---	46	58	31	30	34	30
15	1300	---	67	---	---	---	41	44	28	30	24	--
16	3000	---	67	---	---	---	47	25	32	30	27	51
17	2600	---	64	---	---	---	44	65	29	32	31	52
18	3200	---	---	---	---	---	40	46	28	30	28	48
19	2600	---	---	---	---	---	35	47	35	44	33	45
20	3000	---	---	---	---	---	33	41	30	23	28	42
21	3000	---	---	---	---	---	33	37	28	36	26	38
22	3100	---	---	---	---	---	46	36	31	30	36	35
23	3000	---	---	---	---	---	40	36	28	38	32	60
24	3000	---	---	---	---	---	36	36	32	38	32	72
25	3000	---	---	---	---	---	32	37	49	36	36	64
26	3400	---	---	---	---	---	30	31	29	40	32	63
27	2500	---	---	---	---	---	30	32	31	38	36	38
28	3100	---	---	---	---	---	30	40	38	36	34	48
29	3000	---	---	---	---	---	29	36	39	42	44	55
30	3000	---	---	---	---	---	27	28	33	38	38	55
31	1400	---	---	---	---	---	---	32	---	36	38	---
MONTH	---	---	---	---	---	---	---	41	31	34	29	42

07381230 BAYOU LAFOURCHE AT LAROSE, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	481	349	408	4500	3050	3760	---	---	---	284	250	270
2	515	426	462	3690	2420	3030	---	---	---	288	284	288
3	525	434	476	3310	2680	2970	---	---	---	286	276	279
4	756	493	606	3630	2990	3310	---	---	---	276	276	276
5	780	559	675	3790	3090	3390	---	---	---	276	276	276
6	728	601	655	4180	2990	3620	---	---	---	---	---	---
7	646	493	554	4130	2350	3440	---	---	---	---	---	---
8	538	392	466	2530	1050	2010	---	---	---	---	---	---
9	431	352	386	2510	595	1250	---	---	---	---	---	---
10	403	346	377	2720	2290	2490	---	---	---	---	---	---
11	621	349	435	2510	621	1380	---	---	---	---	---	---
12	915	381	639	758	432	530	---	---	---	---	---	---
13	887	398	562	568	403	503	---	---	---	---	---	---
14	1560	429	852	951	393	517	---	---	---	---	---	---
15	1750	534	1120	489	420	461	---	---	---	---	---	---
16	517	392	425	1180	414	890	---	---	---	---	---	---
17	455	393	422	988	388	643	---	---	---	---	---	---
18	432	376	406	606	358	455	---	---	---	---	---	---
19	440	376	408	466	366	406	---	---	---	---	---	---
20	608	397	498	464	371	416	---	---	---	---	---	---
21	631	400	529	489	395	440	184	144	159	---	---	---
22	1520	578	1010	449	327	395	191	143	179	---	---	---
23	1520	1260	1390	438	325	391	---	---	---	---	---	---
24	1760	1200	1400	457	371	414	---	---	---	---	---	---
25	1350	1000	1180	442	373	408	196	130	174	---	---	---
26	1030	704	774	595	346	448	201	178	194	---	---	---
27	739	521	619	429	347	386	205	151	190	---	---	---
28	3310	521	1890	---	---	---	241	188	213	---	---	---
29	5350	3120	4320	---	---	---	232	185	220	369	228	329
30	4450	3060	3590	---	---	---	242	216	233	409	223	328
31	5540	2640	3830	---	---	---	257	243	252	407	266	350
MONTH	5540	346	1010	---	---	---	---	---	---	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	414	264	333	429	269	380	310	249	285	---	---	---
2	412	267	345	402	290	362	369	187	254	---	---	---
3	415	266	351	400	291	373	---	---	---	---	---	---
4	464	264	359	440	269	378	356	283	331	---	---	---
5	427	267	380	487	274	410	327	263	303	---	---	---
6	445	269	374	449	269	380	318	261	308	---	---	---
7	468	271	374	412	269	375	335	225	293	---	---	---
8	393	286	353	410	291	397	315	243	276	---	---	---
9	402	269	344	424	276	415	315	236	264	---	---	---
10	424	269	365	432	293	418	274	210	235	---	---	---
11	479	269	376	422	269	391	548	230	381	---	---	---
12	393	269	356	---	---	---	429	339	368	---	---	---
13	390	269	356	---	---	---	419	246	328	---	---	---
14	402	276	352	---	---	---	317	225	261	---	---	---
15	400	269	360	---	---	---	426	281	372	---	---	---
16	393	269	353	---	---	---	415	258	336	---	---	---
17	466	269	379	---	---	---	363	283	348	---	---	---
18	459	---	---	---	---	---	412	310	366	---	---	---
19	424	269	388	---	---	---	383	290	355	---	---	---
20	410	276	369	---	---	---	457	383	407	483	388	408
21	431	286	385	386	269	324	398	337	378	542	424	451
22	442	267	373	405	269	350	380	284	346	453	403	435
23	417	266	371	402	267	339	351	269	314	485	422	463
24	438	276	395	449	276	392	376	291	335	485	447	472
25	431	269	369	464	286	414	388	310	363	508	442	480
26	368	269	327	476	269	392	415	337	380	504	414	490
27	388	276	348	470	293	424	407	342	380	578	468	525
28	388	269	365	1090	434	669	376	359	367	527	476	513
29	---	---	---	879	269	496	---	---	---	521	260	440
30	---	---	---	376	271	332	---	---	---	453	231	332
31	---	---	---	402	266	339	---	---	---	380	295	350
MONTH	479	264	363	---	---	---	---	---	---	---	---	---

07381230 BAYOU LAFOURCHE AT LAROSE, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	371	317	346	---	---	---	---	---	---	---	---	---
2	397	327	377	---	---	---	---	---	---	---	---	---
3	410	307	363	---	---	---	---	---	---	---	---	---
4	392	330	353	---	---	---	---	---	---	---	---	---
5	261	216	240	---	---	---	---	---	---	---	---	---
6	364	203	253	---	---	---	---	---	---	---	---	---
7	349	241	277	---	---	---	218	190	211	---	---	---
8	---	---	---	---	---	---	226	208	216	---	---	---
9	---	---	---	---	---	---	234	189	211	---	---	---
10	---	---	---	---	---	---	231	200	219	---	---	---
11	---	---	---	---	---	---	246	208	230	---	---	---
12	---	---	---	---	---	---	244	206	224	---	---	---
13	---	---	---	---	---	---	236	200	214	---	---	---
14	---	---	---	---	---	---	238	191	202	---	---	---
15	---	---	---	---	---	---	240	202	220	---	---	---
16	---	---	---	---	---	---	284	205	224	---	---	---
17	---	---	---	---	---	---	256	218	228	381	341	368
18	---	---	---	---	---	---	259	223	240	339	307	318
19	---	---	---	---	---	---	244	227	235	339	320	331
20	---	---	---	---	---	---	265	227	240	358	324	343
21	---	---	---	---	---	---	276	234	244	378	290	336
22	---	---	---	---	---	---	252	237	244	459	381	409
23	---	---	---	---	---	---	271	239	249	432	330	379
24	---	---	---	---	---	---	317	249	285	417	403	412
25	---	---	---	---	---	---	270	237	258	409	400	404
26	264	243	254	351	305	322	263	237	251	---	---	---
27	298	207	260	352	296	324	276	252	267	---	---	---
28	337	212	250	330	303	315	309	270	285	---	---	---
29	4090	205	2540	---	---	---	290	272	279	---	---	---
30	4090	4090	4090	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07381320 BAYOU TERREBONNE AT HOUMA (COE NO. 76270)

LOCATION.--Lat 29°36'00", long 90°43'00", T.17 S., R.17 E., Terrebonne Parish, at Houma, La.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84	1300	82	55	28	---	---	---	---	28	18	27
2	83	1100	76	50	32	---	---	---	---	24	18	26
3	81	1100	94	52	29	---	---	---	---	26	16	21
4	81	1100	81	63	32	---	---	---	---	27	18	18
5	82	1100	82	60	---	---	---	---	---	29	18	26
6	82	---	100	59	---	---	---	---	---	29	18	25
7	81	98	100	70	---	---	---	---	---	36	18	25
8	81	99	100	70	---	---	---	---	---	31	26	24
9	100	99	100	---	---	---	---	---	---	36	24	28
10	360	100	---	56	---	---	---	---	---	28	42	28
11	110	100	---	58	---	---	---	---	---	36	60	24
12	110	99	---	60	---	---	---	---	---	26	38	26
13	110	100	---	66	---	---	---	---	---	26	48	22
14	110	96	---	62	---	---	---	---	---	26	44	28
15	110	98	---	54	---	---	---	---	---	28	44	44
16	380	63	---	50	---	---	---	---	---	24	44	48
17	380	62	---	13	---	---	---	---	---	40	50	42
18	380	63	72	88	---	---	---	---	---	28	50	38
19	380	60	62	38	---	---	---	---	---	24	42	46
20	380	62	55	32	---	---	---	---	---	22	44	38
21	380	59	62	32	---	---	---	---	---	22	42	43
22	380	71	50	38	---	---	---	---	---	24	46	---
23	380	96	58	35	---	---	---	---	24	24	44	38
24	370	85	62	31	---	---	---	---	25	32	42	81
25	380	95	55	28	---	---	---	---	27	30	44	83
26	380	85	58	28	---	---	---	---	25	18	40	86
27	250	85	58	28	---	---	---	---	27	22	42	84
28	380	89	50	28	---	---	---	---	26	20	28	71
29	1100	88	55	27	---	---	---	---	25	20	27	81
30	850	79	55	27	---	---	---	---	24	18	25	71
31	1200	---	60	30	---	---	---	---	---	18	26	---
MONTH	310		---		---	---	---	---	---	27	35	

07381327 HOUMA NAVIGATION CANAL AT CROZIER, LA. (COE NO. 76343)

LOCATION.--Lat 29°32'22", long 90°42'16", in lot 15, T.8 S., R.17 E., Terrebonne Parish, on right bank of canal, 0.8 mi (1.3 km) east of Crozier.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: November 1965 to August 1966, October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	160	5200	59	60	27	---	40	30	29	28	34	26
2	110	6300	69	55	38	---	44	26	38	30	30	24
3	130	5200	71	52	25	---	35	30	32	32	---	26
4	130	4300	80	58	46	40	39	37	25	26	30	24
5	130	1600	76	62	21	54	36	35	35	30	30	30
6	110	310	73	62	32	41	38	22	31	28	24	34
7	70	280	62	65	34	35	35	42	37	29	24	38
8	70	230	58	65	39	40	28	34	32	21	32	32
9	80	260	67	60	37	42	30	38	30	38	32	---
10	90	270	61	55	42	40	---	31	28	34	36	---
11	110	270	50	50	36	32	---	32	34	30	20	---
12	110	160	55	45	32	34	---	30	26	29	26	---
13	110	120	50	25	28	34	---	31	25	30	34	---
14	100	110	46	45	30	33	31	32	---	29	34	---
15	90	110	38	44	34	33	49	86	31	34	30	---
16	---	120	38	44	30	36	28	150	26	40	36	---
17	90	110	38	38	27	34	32	31	24	28	34	---
18	100	100	35	41	32	32	32	32	26	32	38	---
19	110	100	39	38	30	37	29	30	25	44	32	---
20	90	100	46	43	27	33	28	30	23	28	40	---
21	210	110	44	37	29	36	24	34	---	26	46	---
22	140	110	43	40	29	35	30	32	28	28	46	---
23	150	120	---	34	32	40	30	28	25	28	52	---
24	150	110	65	34	28	38	29	28	27	24	44	---
25	150	110	62	41	37	44	29	26	24	28	48	---
26	230	120	58	31	41	33	30	28	24	30	30	---
27	320	110	60	35	---	43	34	26	22	34	26	---
28	370	100	52	34	---	34	28	29	24	32	28	---
29	5400	78	60	28	---	36	34	26	26	36	28	---
30	5400	72	55	24	---	34	30	26	23	38	28	---
31	3700	---	---	25	---	34	---	26	---	42	30	---
MONTH		880		44		37		36			33	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA.

LOCATION.--Lat 29°23'06", long 90°43'47", in lot 24, T.9 S., R.17 E., Terrebonne Parish, near left bank 20 ft (6 m) downstream from bridge on unnumbered parish road, 0.9 mi (1.5 km) downstream from Falgout Canal, and 1.0 mi (1.6 km) southwest of Dulac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1973 to September 1975.
Water temperature: October 1973 to September 1975.

REMARKS.--Continuous recorder at this station. Flow affected by tide at all stages.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
TOP VALUES

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	450	300	385
27	---	---	---	---	---	---	---	---	---	350	300	329
28	---	---	---	---	---	---	---	---	---	450	350	377
29	---	---	---	---	---	---	---	---	---	650	350	419
30	---	---	---	---	---	---	---	---	---	650	350	426
31	---	---	---	---	---	---	---	---	---	450	350	373
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) . WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
TOP VALUES

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	550	350	410	---	---	---	---	---	---	---	---	---
2	500	350	391	---	---	---	---	---	---	---	---	---
3	---	350	658	---	---	---	---	---	---	---	---	---
4	650	400	485	---	---	---	---	---	---	---	---	---
5	500	350	439	---	---	---	---	---	---	---	---	---
6	---	---	---	350	350	350	---	---	---	---	---	---
7	---	---	---	550	300	396	---	---	---	---	---	---
8	---	---	---	450	300	358	---	---	---	---	---	---
9	---	---	---	18600	800	5490	---	---	---	---	---	---
10	---	---	---	800	300	460	---	---	---	---	---	---
11	---	---	---	32800	300	20700	---	---	---	---	---	---
12	---	---	---	30800	18900	26500	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	4250	450	2050	---	---	---	---	---	---
15	---	---	---	1050	250	492	---	---	---	---	---	---
16	---	---	---	750	200	440	---	---	---	---	---	---
17	---	---	---	800	250	435	---	---	---	---	---	---
18	---	---	---	400	200	277	---	---	---	---	---	---
19	---	---	---	450	200	327	---	---	---	---	---	---
20	---	---	---	500	250	331	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	300	250	254
27	---	---	---	---	---	---	---	---	---	300	150	250
28	---	---	---	---	---	---	---	---	---	300	200	250
29	---	---	---	---	---	---	---	---	---	300	200	250
30	---	---	---	---	---	---	---	---	---	250	200	248
31	---	---	---	---	---	---	---	---	---	250	200	242
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	400	250	321	350	300	302	350	250	302	---	---	---
2	400	300	347	350	300	308	350	300	341	---	---	---
3	---	---	---	350	300	306	350	250	296	---	---	---
4	---	---	---	400	300	320	300	300	300	10100	600	7440
5	---	---	---	400	300	328	300	300	300	8650	2350	4730
6	---	---	---	350	300	324	300	250	267	2050	200	737
7	---	---	---	350	300	308	250	100	204	200	100	147
8	---	---	---	350	250	304	150	150	150	150	100	135
9	250	200	235	300	250	263	200	200	200	350	150	230
10	3400	200	674	300	250	290	200	200	200	450	200	315
11	250	200	244	350	300	319	300	200	238	450	200	350
12	250	200	248	350	250	292	300	250	272	250	150	184
13	250	250	250	300	250	273	350	350	350	300	250	296
14	---	---	---	300	300	300	350	350	350	300	200	260
15	---	---	---	300	200	269	400	400	400	250	200	240
16	---	---	---	250	200	223	300	300	300	---	---	---
17	---	---	---	200	200	200	350	350	350	---	---	---
18	---	---	---	250	200	206	350	350	350	---	---	---
19	---	---	---	250	250	250	350	250	295	---	---	---
20	300	200	267	250	250	250	400	200	244	---	---	---
21	300	250	275	250	250	250	300	200	254	---	---	---
22	300	250	290	300	250	296	300	250	265	---	---	---
23	350	300	300	350	300	340	300	200	275	---	---	---
24	300	200	275	400	50	260	300	300	300	---	---	---
25	300	200	275	400	50	385	300	300	300	---	---	---
26	300	250	300	350	250	300	300	300	300	---	---	---
27	350	250	293	300	250	260	300	250	279	---	---	---
28	350	250	285	300	250	275	250	250	250	---	---	---
29	350	300	335	900	300	437	250	250	250	---	---	---
30	350	250	294	500	200	352	---	---	---	---	---	---
31	---	---	---	250	200	208	---	---	---	---	---	---
MONTH		---	---	900	50	275	---	---	---	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
BOTTOM VALUES

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	30000	28300	29300	---	---	---	1000	300	483
2	---	---	---	28600	27300	27900	---	---	---	1000	200	383
3	---	---	---	27600	24400	26300	---	---	---	2550	400	1400
4	---	---	---	26100	21700	24600	---	---	---	500	50	229
5	---	---	---	22700	14000	19400	950	300	542	600	50	256
6	---	---	---	13800	4650	9790	1000	450	673	---	---	---
7	---	---	---	4400	3700	3900	6450	600	2100	---	---	---
8	---	---	---	2800	1450	2340	1000	350	688	---	---	---
9	2550	250	1130	1550	450	1240	850	300	527	---	---	---
10	11900	200	3480	19600	900	4780	650	300	467	---	---	---
11	7650	350	4110	28400	7400	16800	950	500	673	---	---	---
12	16500	4200	11700	7150	850	3680	1200	450	800	---	---	---
13	15400	5450	9970	1400	200	721	800	350	511	---	---	---
14	30600	18100	26000	550	150	257	800	350	535	---	---	---
15	31300	20300	25400	1100	400	718	1700	350	706	---	---	---
16	18900	5300	9320	1800	200	1020	1000	300	492	---	---	---
17	8510	2350	3690	2300	100	777	1000	250	578	700	300	468
18	5050	1300	3170	700	50	258	750	250	488	1250	350	693
19	2100	650	1470	850	200	429	900	450	585	1450	500	794
20	1400	250	979	---	---	---	800	400	545	1050	750	937
21	5750	350	1850	---	---	---	900	300	540	700	500	617
22	27600	350	17900	---	---	---	850	300	528	5550	550	1210
23	27700	17100	24200	---	---	---	750	400	562	1050	300	640
24	30800	17800	26700	---	---	---	800	350	567	1100	550	763
25	28700	20500	26100	---	---	---	700	350	523	800	300	550
26	26100	18400	21800	---	---	---	500	350	434	600	200	350
27	26900	19800	23500	---	---	---	750	450	582	650	250	381
28	34100	28300	31600	---	---	---	800	300	556	800	300	444
29	34900	31400	33900	---	---	---	800	350	554	750	250	440
30	32800	31100	31900	---	---	---	850	250	490	700	250	406
31	33200	28900	30500	---	---	---	---	---	---	450	250	330
MONTH	---	---	---	---	---	---	6450	250	625	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	350	200	250	---	---	---	---	---	---
7	---	---	---	550	201	350	---	---	---	---	---	---
8	---	---	---	550	250	362	---	---	---	---	---	---
9	---	---	---	25600	250	6380	---	---	---	---	---	---
10	---	---	---	1250	450	769	---	---	---	---	---	---
11	---	---	---	43200	450	25900	---	---	---	---	---	---
12	---	---	---	45000	26400	40400	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	6170	1100	3230	---	---	---	---	---	---
15	---	---	---	1350	500	856	---	---	---	---	---	---
16	---	---	---	1850	650	1030	---	---	---	---	---	---
17	---	---	---	1250	600	856	---	---	---	---	---	---
18	---	---	---	950	650	779	---	---	---	---	---	---
19	---	---	---	1100	600	842	---	---	---	---	---	---
20	---	---	---	1050	300	645	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	400	350	395
27	---	---	---	---	---	---	---	---	---	450	250	398
28	---	---	---	---	---	---	---	---	---	450	400	400
29	---	---	---	---	---	---	---	---	---	400	400	400
30	---	---	---	---	---	---	---	---	---	400	150	330
31	---	---	---	---	---	---	---	---	---	400	150	372
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
BOTTOM VALUES

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	400	350	386	150	100	142	400	250	290	---	---	---
2	400	400	400	250	150	196	350	200	250	---	---	---
3	550	400	481	300	200	250	350	200	235	---	---	---
4	500	400	448	350	250	265	350	200	248	19500	1350	13900
5	400	300	359	400	250	282	350	200	227	16800	6200	10600
6	350	250	322	350	50	285	250	150	191	5900	1050	2740
7	400	250	308	550	250	310	250	200	217	1000	450	805
8	300	250	288	450	250	329	200	200	200	950	400	780
9	300	250	277	450	250	310	200	200	200	2550	200	930
10	4900	250	1100	450	50	375	200	200	200	3900	350	1350
11	300	200	279	550	300	343	300	200	223	500	300	367
12	300	250	292	350	250	283	250	200	217	400	100	245
13	300	300	300	300	200	279	250	200	227	100	50	94
14	---	---	---	350	300	308	250	200	215	100	50	72
15	---	---	---	400	250	313	250	200	205	397	50	240
16	---	---	---	350	300	302	250	200	204	---	---	---
17	---	---	---	650	300	300	200	150	183	---	---	---
18	---	---	---	650	500	539	150	150	150	---	---	---
19	250	200	233	600	500	508	150	150	150	---	---	---
20	250	200	246	550	450	494	250	150	156	---	---	---
21	300	250	256	500	450	485	350	200	234	---	---	---
22	300	250	260	500	400	448	300	200	242	---	---	---
23	300	250	260	450	400	429	300	250	260	---	---	---
24	250	200	244	450	400	432	300	250	271	---	---	---
25	250	200	217	400	350	356	300	200	271	---	---	---
26	250	200	207	300	150	259	300	250	281	---	---	---
27	150	100	146	350	250	309	300	200	248	---	---	---
28	150	150	150	350	200	300	250	200	208	---	---	---
29	200	150	185	2650	400	885	200	200	200	---	---	---
30	150	150	150	450	250	350	---	---	---	---	---	---
31	---	---	---	350	300	310	---	---	---	---	---	---
MONTH	4900	100	312	2650	50	354	400	150	221	---	---	---

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
TOP VALUES

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	6.7	5.3	5.8	---	---	---	---	---	---
2	---	---	---	5.7	3.9	4.8	---	---	---	---	---	---
3	---	---	---	5.5	3.9	4.4	---	---	---	---	---	---
4	---	---	---	5.0	3.4	4.0	---	---	---	---	---	---
5	---	---	---	3.4	2.8	3.0	---	---	---	---	---	---
6	---	---	---	2.5	1.3	2.1	---	---	---	---	---	---
7	---	---	---	4.5	1.4	2.1	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	7.3	6.6	7.0	---	---	---	---	---	---	---	---	---
10	8.3	3.3	7.0	---	---	---	---	---	---	---	---	---
11	3.8	1.8	2.8	---	---	---	---	---	---	---	---	---
12	2.2	0.6	1.4	---	---	---	---	---	---	---	---	---
13	4.2	0.9	1.6	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	7.8	7.3	7.5	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	9.6	9.1	9.3
18	---	---	---	---	---	---	---	---	---	9.8	9.2	9.7
19	---	---	---	---	---	---	---	---	---	10.1	9.6	9.8
20	---	---	---	---	---	---	---	---	---	10.1	9.6	9.9
21	---	---	---	---	---	---	---	---	---	11.8	6.0	8.5
22	---	---	---	---	---	---	---	---	---	12.0	6.3	8.5
23	---	---	---	---	---	---	---	---	---	8.7	7.8	8.5
24	11.5	7.0	9.4	---	---	---	---	---	---	8.8	7.6	8.3
25	7.6	5.5	6.9	---	---	---	---	---	---	10.1	8.1	9.3
26	7.7	5.0	6.1	---	---	---	---	---	---	10.1	9.2	9.7
27	6.7	5.1	6.0	---	---	---	---	---	---	9.4	8.1	8.8
28	8.1	1.6	6.7	---	---	---	---	---	---	9.5	8.8	9.2
29	---	---	---	---	---	---	---	---	---	9.4	7.8	8.6
30	8.2	6.1	6.8	---	---	---	---	---	---	8.2	7.2	7.8
31	7.1	6.1	6.4	---	---	---	---	---	---	7.4	6.7	7.1
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER . WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
TOP VALUES

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.1	6.1	6.6	---	---	---	7.3	6.7	6.9	---	---	---
2	8.9	7.0	8.4	---	---	---	7.4	6.7	7.1	---	---	---
3	10.0	8.8	9.4	---	---	---	7.5	7.2	7.4	---	---	---
4	10.2	9.6	9.9	---	---	---	7.7	7.4	7.6	---	---	---
5	10.3	10.0	10.1	---	---	---	---	---	---	---	---	---
6	---	---	---	8.8	8.6	8.7	---	---	---	---	---	---
7	---	---	---	8.7	8.2	8.6	---	---	---	---	---	---
8	---	---	---	8.9	8.3	8.5	---	---	---	---	---	---
9	---	---	---	9.3	8.4	8.7	---	---	---	---	---	---
10	---	---	---	8.7	8.3	8.5	---	---	---	---	---	---
11	---	---	---	8.8	7.8	8.3	---	---	---	---	---	---
12	---	---	---	8.3	7.8	8.0	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	9.7	9.4	9.5	---	---	---	---	---	---
15	---	---	---	9.0	8.5	8.7	---	---	---	---	---	---
16	---	---	---	9.2	8.7	8.9	---	---	---	---	---	---
17	---	---	---	8.7	8.4	8.6	---	---	---	---	---	---
18	---	---	---	8.9	8.6	8.7	---	---	---	---	---	---
19	---	---	---	8.9	8.5	8.7	---	---	---	---	---	---
20	---	---	---	8.7	7.8	8.1	---	---	---	---	---	---
21	---	---	---	8.0	7.4	7.7	---	---	---	---	---	---
22	---	---	---	8.0	7.3	7.6	---	---	---	---	---	---
23	---	---	---	8.1	7.5	7.8	---	---	---	---	---	---
24	---	---	---	8.4	7.8	8.1	---	---	---	---	---	---
25	---	---	---	8.0	7.2	7.7	---	---	---	---	---	---
26	---	---	---	8.4	7.7	7.9	---	---	---	4.4	3.7	4.1
27	---	---	---	8.6	8.0	8.3	---	---	---	6.8	2.8	3.2
28	---	---	---	8.1	6.9	7.6	---	---	---	3.0	2.6	2.8
29	---	---	---	7.5	6.9	7.2	---	---	---	2.9	2.1	2.4
30	---	---	---	7.5	7.0	7.3	---	---	---	3.2	2.8	2.9
31	---	---	---	7.4	6.9	7.0	---	---	---	---	---	---
MONTH	---	---	---	9.7	6.9	8.2	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	4.1	3.3	3.8	3.5	2.6	3.1	---	---	---
2	---	---	---	4.3	3.0	3.4	3.2	2.9	3.0	---	---	---
3	---	---	---	3.9	3.2	3.4	3.7	2.8	3.5	---	---	---
4	---	---	---	3.8	3.1	3.5	4.0	3.1	3.4	3.7	3.4	3.6
5	---	---	---	3.9	3.0	3.3	3.4	2.4	3.0	3.6	3.5	3.6
6	---	---	---	3.2	2.6	2.9	3.1	2.2	2.7	3.9	3.4	3.7
7	---	---	---	3.4	2.1	2.7	4.7	2.8	3.5	3.9	3.5	3.7
8	---	---	---	3.9	2.2	3.3	4.5	4.1	4.3	3.9	3.6	3.8
9	---	---	---	3.7	3.3	3.4	4.5	3.8	4.3	4.1	3.7	3.9
10	---	---	---	4.7	2.8	4.0	4.4	3.8	4.0	4.1	3.5	3.9
11	---	---	---	5.5	4.6	4.9	4.4	3.7	4.0	3.9	3.5	3.7
12	---	---	---	5.3	3.0	5.1	4.3	3.7	4.0	3.6	3.3	3.4
13	---	---	---	5.3	4.8	5.0	4.4	3.8	4.0	3.3	3.1	3.2
14	---	---	---	5.0	4.5	4.8	3.8	3.3	3.6	4.7	3.4	4.1
15	---	---	---	4.8	4.3	4.6	4.5	3.5	3.9	5.1	4.5	4.7
16	---	---	---	4.8	3.9	4.2	4.1	3.6	3.9	5.4	4.5	4.9
17	---	---	---	3.9	3.2	3.6	4.2	3.4	3.7	5.1	4.6	4.8
18	---	---	---	4.1	3.3	3.7	4.0	3.4	3.6	5.3	4.4	4.9
19	---	---	---	3.5	2.7	3.0	3.8	3.3	3.5	4.8	4.4	4.5
20	---	---	---	3.0	2.4	2.6	7.2	3.0	6.8	4.4	4.1	4.3
21	---	---	---	2.7	1.8	2.2	7.6	6.3	6.8	4.5	4.1	4.4
22	---	---	---	---	---	---	6.8	6.1	6.4	---	---	---
23	---	---	---	---	---	---	6.2	5.6	5.9	---	---	---
24	---	---	---	---	---	---	5.5	3.7	4.9	---	---	---
25	---	---	---	---	---	---	5.1	3.4	4.7	---	---	---
26	3.7	3.1	3.4	---	---	---	4.7	4.5	4.5	---	---	---
27	4.1	3.3	3.7	3.7	2.8	3.2	4.2	3.0	4.0	---	---	---
28	3.9	3.6	3.8	3.6	2.8	3.2	4.0	3.6	3.8	---	---	---
29	4.3	3.4	3.8	3.4	2.6	3.0	3.7	3.5	3.5	---	---	---
30	4.7	3.5	3.9	4.5	2.4	3.4	---	---	---	---	---	---
31	---	---	---	3.6	3.0	3.3	---	---	---	---	---	---
MONTH	- -	---	---	5.5	1.8	3.6	7.6	2.2	4.1	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
BOTTOM VALUES

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	24.5	23.0	23.5	---	---	---	14.5	14.0	14.0
2	---	---	---	24.5	23.5	23.5	---	---	---	14.0	14.0	14.0
3	---	---	---	24.5	23.5	23.5	---	---	---	14.5	13.5	14.0
4	---	---	---	24.5	23.5	24.0	---	---	---	14.0	13.0	13.5
5	---	---	---	23.5	21.5	22.5	---	---	---	14.0	13.0	13.5
6	---	---	---	22.5	19.5	21.0	---	---	---	---	---	---
7	---	---	---	25.0	19.5	20.5	---	---	---	---	---	---
8	---	---	---	19.5	18.0	18.5	---	---	---	---	---	---
9	23.5	22.5	23.0	20.5	17.0	18.5	---	---	---	---	---	---
10	23.5	22.0	23.0	19.0	16.5	17.0	---	---	---	---	---	---
11	23.5	22.5	23.0	20.0	16.0	17.0	---	---	---	---	---	---
12	24.5	22.5	23.5	19.5	14.5	17.0	---	---	---	---	---	---
13	24.0	22.5	23.5	---	---	---	12.0	11.5	11.5	---	---	---
14	24.0	23.5	23.5	---	---	---	12.5	11.5	12.0	---	---	---
15	24.5	21.5	23.5	18.0	15.5	16.5	12.5	12.0	12.0	---	---	---
16	22.0	20.0	21.0	---	---	---	13.0	11.5	12.5	---	---	---
17	22.0	20.0	21.5	---	---	---	12.5	11.5	12.0	11.5	11.0	11.5
18	22.5	20.5	21.5	---	---	---	12.5	11.5	12.0	12.5	11.0	12.0
19	22.0	20.5	21.5	---	---	---	12.5	12.0	12.5	13.5	12.0	12.5
20	21.5	20.5	21.0	---	---	---	13.0	12.0	12.5	12.5	12.0	12.5
21	21.5	20.0	20.5	---	---	---	14.0	12.5	13.0	---	---	---
22	20.5	20.0	20.5	---	---	---	14.5	12.5	13.5	---	---	---
23	21.0	20.0	20.5	---	---	---	15.0	10.5	14.0	---	---	---
24	21.5	20.0	20.5	---	---	---	14.5	13.5	14.0	---	---	---
25	21.0	20.5	20.5	---	---	---	14.0	13.5	14.0	---	---	---
26	21.5	20.5	20.5	---	---	---	14.0	13.5	14.0	---	---	---
27	21.5	20.5	21.0	---	---	---	14.5	14.0	14.0	---	---	---
28	22.0	21.0	21.5	---	---	---	15.0	14.0	14.5	---	---	---
29	23.0	22.0	22.5	---	---	---	15.0	14.5	14.5	---	---	---
30	23.5	22.0	22.5	---	---	---	15.0	14.0	14.5	---	---	---
31	23.5	22.5	23.0	---	---	---	14.5	14.0	14.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	14.0	14.0	14.0	---	---	---	---	---	---
7	---	---	---	15.0	14.0	14.5	---	---	---	---	---	---
8	---	---	---	15.5	14.5	15.0	---	---	---	---	---	---
9	---	---	---	16.5	15.5	16.0	---	---	---	---	---	---
10	---	---	---	17.5	16.0	17.0	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	21.5	21.0	21.5	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	18.5	17.0	18.0	---	---	---	---	---	---
15	---	---	---	18.0	16.5	17.5	---	---	---	---	---	---
16	---	---	---	17.0	16.0	16.5	---	---	---	---	---	---
17	---	---	---	17.0	16.5	16.5	---	---	---	---	---	---
18	---	---	---	17.5	16.5	17.0	---	---	---	---	---	---
19	---	---	---	18.0	16.5	17.5	---	---	---	---	---	---
20	---	---	---	18.0	16.5	17.5	---	---	---	---	---	---
21	---	---	---	18.0	16.5	17.5	---	---	---	---	---	---
22	---	---	---	19.5	18.0	19.0	---	---	---	---	---	---
23	---	---	---	20.0	19.0	19.5	---	---	---	---	---	---
24	---	---	---	22.5	20.0	21.0	---	---	---	---	---	---
25	---	---	---	21.5	19.0	20.0	---	---	---	---	---	---
26	---	---	---	21.0	19.5	20.0	---	---	---	27.5	27.5	27.5
27	---	---	---	21.0	20.0	20.5	---	---	---	28.0	27.5	27.5
28	---	---	---	22.5	20.5	21.5	---	---	---	28.5	27.0	27.5
29	---	---	---	22.5	20.5	21.5	---	---	---	28.0	26.0	27.0
30	---	---	---	---	---	---	---	---	---	27.0	25.0	26.5
31	---	---	---	---	---	---	---	---	---	28.5	25.0	26.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07381328 HOUMA NAVIGATION CANAL AT DULAC, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
BOTTOM VALUES

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	29.0	25.5	27.0	26.5	26.0	26.5	27.5	27.0	27.5	---	---	---
2	29.5	26.0	28.0	28.5	26.5	28.0	27.5	26.5	27.0	---	---	---
3	28.0	26.5	27.5	28.0	27.5	27.5	27.5	26.5	27.0	---	---	---
4	28.0	27.5	28.0	28.0	27.5	28.0	27.0	26.5	27.0	29.5	29.5	29.5
5	29.0	27.5	28.5	28.5	27.5	28.5	26.5	26.0	26.5	29.5	29.0	29.0
6	28.5	28.0	28.5	28.5	28.0	28.5	27.0	26.5	26.5	29.0	28.5	29.0
7	28.5	28.0	28.5	29.0	28.0	28.5	26.5	24.5	25.5	29.0	28.5	28.5
8	28.5	28.5	28.5	29.0	28.5	29.0	26.5	26.0	26.0	28.5	28.0	28.5
9	28.5	28.0	28.5	29.0	28.5	28.5	26.5	26.5	26.5	28.5	28.0	28.5
10	28.5	28.0	28.0	29.5	28.5	29.0	27.0	26.5	27.0	28.0	27.5	28.0
11	28.5	28.0	28.0	28.5	28.0	28.0	27.5	27.0	27.0	28.5	28.0	28.0
12	28.0	28.0	28.0	28.5	28.0	28.5	28.0	27.0	27.5	28.5	27.5	28.0
13	28.0	28.0	28.0	28.5	28.0	28.5	28.5	28.0	28.0	27.5	27.0	27.5
14	---	---	---	28.5	28.0	28.5	28.5	28.0	28.5	27.5	27.0	27.0
15	---	---	---	29.0	28.0	28.5	29.0	28.5	28.5	27.0	26.5	27.0
16	---	---	---	28.5	28.5	28.5	29.5	29.0	29.0	27.0	26.5	26.5
17	---	---	---	28.5	28.0	28.5	30.0	29.5	29.5	26.5	26.0	26.0
18	---	---	---	28.5	28.0	28.5	30.0	30.0	30.0	26.0	25.0	26.0
19	28.5	28.5	28.5	28.5	28.0	28.5	30.5	30.0	30.0	26.0	25.5	26.0
20	28.5	27.5	28.0	29.0	28.5	28.5	30.5	30.0	30.5	26.0	26.0	26.0
21	28.0	27.0	27.5	29.0	28.5	28.5	31.0	30.0	30.5	25.5	25.0	25.5
22	28.0	27.0	27.5	29.0	28.5	28.5	30.5	30.0	30.0	25.5	24.5	25.0
23	28.0	27.0	27.0	29.0	28.0	28.5	30.5	30.0	30.0	24.5	24.0	24.0
24	26.0	26.5	26.5	28.5	28.5	28.5	30.0	30.0	30.0	24.0	25.5	24.0
25	28.0	26.0	26.5	29.0	28.5	28.5	30.5	30.0	30.0	24.0	22.5	23.5
26	28.0	26.0	26.0	29.5	28.5	29.0	30.5	30.0	30.0	24.0	23.5	23.5
27	26.5	26.0	26.0	30.0	29.0	29.0	30.5	30.0	30.0	24.0	23.5	23.5
28	26.5	26.5	26.5	30.0	29.0	29.5	30.5	30.0	30.0	---	---	---
29	26.5	26.0	26.5	29.5	29.0	29.5	30.0	30.0	30.0	24.0	23.5	24.0
30	26.5	26.0	26.5	29.0	28.0	28.5	---	---	---	24.0	23.5	24.0
31	---	---	---	28.0	28.0	28.0	---	---	---	---	---	---
MONTH	29.5	25.5	27.5	30.0	26.0	28.5	31.0	24.5	28.5	29.5	22.5	26.5

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 30°58'57", long 91°47'54", in NE¼ SW¾ sec.7, T.1 S., R.7 E., Louisiana meridian, Avoyelles Parish, at gaging station near right bank on Kansas City Southern Railway bridge, 0.4 mi (0.6 km) east of town of Simmesport, 0.5 mi (0.8 km) upstream from State Highway 1, and 4.9 mi (7.9 km) downstream from confluence of Red River and Old River (head of Atchafalaya River).

DRAINAGE AREA.--Approximately 87,570 mi^2 or 226,810 km^2 (see REMARKS).

PERIOD OF RECORD.--Chemical analyses: November 1972 to September 1974 (partial-record station), October 1974 to current year. Sediment loads: October 1972 to September 1974.

EXTREMES.--October 1972 to September 1973: Sediment loads: Maximum daily, 953,000 tons Mar. 20; minimum daily, 67,000 tons Sept. 28. October 1973 to September 1974: Sediment loads: Maximum daily, 1,150,000 tons Dec. 7; minimum daily, 29,000 tons Oct. 1.

REMARKS.--Flow consists of that from the Red River and controlled diversion from the Mississippi River by way of Old River control structure. Drainage area does not include non-contributing area or Mississippi River area.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)
OCT.												
11...	1045	5.8	4700	30	190	22	30	9.5	--	2.7	111	0
NOV.												
07...	1145	5.4	--	--	--	--	37	8.5	28	3.1	124	0
DEC.												
05...	1115	6.5	--	--	--	--	27	7.1	20	2.9	91	0
JAN.												
16...	1300	6.9	5000	60	190	0	20	5.5	14	2.4	70	0
FEB.												
13...	0850	6.7	--	--	--	--	27	9.5	30	2.9	79	0
MAR.												
13...	1930	5.9	--	--	--	--	26	6.8	14	2.4	81	0
APR.												
09...	1130	6.2	4300	20	150	40	--	8.1	12	2.6	87	0
MAY												
06...	1045	5.6	--	--	--	--	27	7.5	14	2.4	88	0
JUNE												
03...	1015	6.1	--	--	--	--	27	8.3	14	2.4	94	0
JULY												
16...	1230	6.5	7800	30	360	20	29	9.0	16	2.9	--	0
AUG.												
13...	1135	6.0	--	--	--	--	40	12	32	3.4	124	0
26...	1445	3.8	--	10	--	150	43	--	33	3.1	135	0
SEP.												
09...	1000	3.7	--	--	--	--	42	13	35	3.3	139	0

DATE	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)
OCT.												
11...	91	48	35	.3	.44	.01	--	--	.16	224	--	--
NOV.												
07...	102	41	38	.2	.42	.06	.04	1.1	.47	246	222	--
DEC.												
05...	75	38	25	.3	.51	.03	.04	.48	--	--	172	--
JAN.												
16...	57	25	18	.3	.48	.04	.05	.70	.19	--	127	--
FEB.												
13...	65	34	46	.0	.76	.04	.06	.14	.25	197	195	--
MAR.												
13...	66	37	18	.2	.98	.02	.02	.55	.21	160	150	--
APR.												
09...	71	32	16	.1	.98	.02	.05	.53	.18	165	--	--
MAY												
06...	72	29	18	.3	.92	.03	.05	.80	.11	166	147	--
JUNE												
03...	77	30	19	.2	.90	.01	.01	.68	.18	187	153	--
JULY												
16...	--	28	20	.2	1.3	.03	.08	.39	.24	184	--	--
AUG.												
13...	102	52	40	.2	.70	.00	.01	.70	.17	318	247	--
26...	111	59	37	.3	.40	.01	.01	.64	.19	260	258	110
SEP.												
09...	114	66	36	.3	.28	.01	.01	.50	.11	293	268	--

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT.												
11...	110	23	376	7.9	21.5	30	60	7.6	6.8	5200	2200	44
NOV.												
07...	130	26	415	7.6	18.0	--	300	7.2	4.4	1400	1100	460
DEC.												
05...	97	22	314	7.5	9.0	--	150	9.0	2.7	740	1000	500
JAN.												
16...	73	16	245	7.3	9.5	--	95	9.6	--	700	760	100
FEB.												
13...	110	42	257	7.7	7.5	--	150	10.1	2.7	720	--	340
MAR.												
13...	93	27	266	7.5	9.5	30	70	--	--	2600	2400	740
APR.												
09...	--	--	258	7.5	13.5	15	60	9.2	2.6	590	47	67
MAY												
06...	98	26	281	7.2	20.5	--	65	7.3	1.4	2700	340	410
JUNE												
03...	100	25	282	7.4	25.0	46	55	5.9	.8	2700	400	280
JULY												
16...	110	--	310	7.5	28.0	15	65	6.2	.4	750	180	410
AUG.												
13...	150	48	468	7.4	29.0	5	50	5.9	.0	--	130	110
26...	160	46	470	8.1	30.5	5	35	7.3	.0	--	--	--
SEP.												
09...	150	44	486	8.1	--	10	25	7.6	2.3	--	33	10

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L)	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTACHLOR (UG/L)
OCT.												
11...	6.9	.0	.00	.0	.00	.00	.00	<.01	.00	.00	.00	.00
JAN.												
16...	6.7	.0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
APR.												
09...	5.4	.0	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00
JULY												
16...	8.8	.0	.00	.0	.00	.00	.00	.00	.01	.00	.00	.00
AUG.												
26...	5.0	--	--	--	--	--	--	--	--	--	--	--

DATE	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
OCT.												
11...	.00	.00	.00	.00	.00	.00	.0	0	.00	.03	.01	.01
JAN.												
16...	.00	.00	.00	.00	.00	.00	.0	0	.00	.00	.00	.00
APR.												
09...	.00	.00	.00	.00	.00	.00	.0	0	.00	.02	.01	.01
JULY												
16...	.00	.00	.00	.00	.00	.00	.0	0	.00	.01	.03	.00
AUG.												
26...	--	--	--	--	--	--	--	--	--	--	--	--

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	TOTAL CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	TOTAL CHRO-MIUM (CR) (UG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)
OCT.												
11...	6	1	--	0	0	--	<10	0	--	3	0	5
JAN.												
16...	3	0	--	2	0	--	20	1	--	5	0	8
APR.												
09...	2	0	--	2	0	--	<10	0	--	2	1	4
JULY												
16...	4	1	--	1	0	--	<10	0	--	14	1	11
AUG.												
26...	--	2	2	--	0	<10	--	--	<10	--	--	--

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
OCT.											
11...	3	--	4	4	--	.3	.2	--	10	8	--
JAN.											
16...	3	--	13	0	--	1.1	.4	--	30	40	--
APR.											
09...	--	--	18	0	--	.0	.0	--	30	6	--
JULY											
16...	5	--	16	0	--	.0	.0	--	40	3	--
AUG.											
26...	4	<10	--	0	<10	.0	--	.0	--	3	20

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	357	405	303	237	257	264	250	300	---	263	344	475
2	309	407	296	245	266	266	250	261	---	266	346	474
3	308	---	309	246	262	254	366	259	282	265	345	472
4	298	---	308	247	269	252	---	362	381	274	347	470
5	319	---	299	243	279	293	276	---	362	273	348	477
6	323	---	298	244	295	247	283	---	368	318	483	479
7	344	420	301	247	307	246	264	---	356	317	484	477
8	352	392	300	245	273	250	264	---	337	328	477	477
9	375	364	308	279	279	250	263	---	351	328	471	473
10	375	362	341	263	263	251	263	---	357	331	478	474
11	370	410	338	252	252	249	264	---	403	295	485	447
12	371	467	333	250	250	261	262	---	374	295	489	442
13	368	474	275	258	258	---	267	---	435	297	486	446
14	362	502	281	256	256	274	267	---	367	276	480	444
15	362	488	280	250	250	284	---	---	347	276	488	444
16	353	518	275	252	252	283	267	---	341	281	488	445
17	---	494	287	251	251	292	273	---	335	282	---	451
18	349	424	265	237	237	288	274	---	261	284	---	446
19	354	344	256	242	242	285	266	---	260	281	---	452
20	356	331	239	246	246	277	270	---	264	304	---	445
21	364	332	241	232	232	256	268	---	325	309	---	445
22	376	352	257	228	228	246	294	---	324	307	---	444
23	393	351	265	228	228	266	296	---	327	312	---	442
24	413	343	249	227	227	262	295	---	328	373	---	445
25	424	341	247	232	226	279	341	---	302	373	488	445
26	437	352	239	234	229	252	297	---	302	373	485	444
27	427	352	239	234	248	243	293	---	270	371	485	445
28	427	312	241	240	274	242	291	---	270	372	494	445
29	427	309	245	241	---	251	298	---	270	372	482	445
30	407	305	239	252	---	240	295	---	272	347	472	444
31	398	---	242	243	---	252	---	---	---	346	474	---
MONTH	---	---	277	245	255	262	---	---	---	313	---	455

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973

DATE	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.				
06...	126000	233	79300	88
20...	146000	214	84400	85
NOV.				
03...	165000	190	84600	87
17...	329000	636	565000	73
DEC.				
01...	380000	351	360000	74
JAN.				
22...	400000	314	339000	57
FEB.				
20...	442000	427	510000	67
MAR.				
02...	404000	333	363000	56
20...	441000	801	954000	76
27...	528000	441	629000	52
APR.				
03...	571000	422	651000	45
10...	620000	318	532000	49
20...	686000	344	637000	42
26...	683000	259	478000	45
MAY				
02...	719000	256	497000	56
19...	739000	216	431000	62
23...	730000	255	503000	47
30...	687000	163	302000	52
JUNE				
05...	625000	329	555000	--
12...	570000	318	489000	54
JULY				
20...	265000	270	193000	87
AUG.				
03...	219000	308	182000	94
14...	155000	241	101000	79
30...	134000	244	88300	93
SEP.				
14...	156000	278	117000	85
28...	89000	280	67300	58

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.				
12...	182000	511	251000	94
NOV.				
09...	223000	985	593000	92
21...	155000	393	164000	89
DEC.				
07...	348000	1229	1150000	88
11...	403000	975	1060000	81
18...	414000	533	596000	76
28...	361000	723	705000	70
JAN.				
03...	345000	646	602000	68
10...	390000	526	554000	60
17...	406000	621	681000	61
25...	448000	459	555000	59
FEB.				
01...	483000	441	575000	66
05...	507000	288	394000	62
08...	503000	314	426000	53
14...	538000	203	295000	55
16...	528000	194	277000	49
18...	520000	157	220000	64
22...	508000	185	254000	63
24...	479000	260	336000	58
26...	459000	[illegible]	354000	59
MAR.				
01...	439000	301	357000	56
06...	413000	572	638000	54
08...	405000	315	344000	62
13...	370000	346	346000	63
15...	358000	339	328000	53
19...	353000	299	285000	65
22...	356000	356	342000	70
26...	398000	234	251000	74
29...	392000	255	270000	64

DATE	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
APR.				
02...	394000	268	285000	61
05...	381000	261	268000	56
09...	368000	235	233000	65
12...	376000	278	282000	65
16...	411000	37	41100	68
19...	423000	30	34300	63
23...	417000	336	378000	64
26...	444000	262	314000	66
30...	426000	378	435000	74
MAY				
03...	414000	347	388000	79
08...	381000	419	431000	80
10...	363000	817	801000	92
14...	342000	569	525000	86
17...	328000	440	390000	83
31...	319000	506	436000	87
JUNE				
07...	345000	485	452000	83
13...	402000	726	788000	84
18...	467000	611	770000	81
25...	477000	378	487000	78
JULY				
09...	381000	345	355000	84
19...	258000	397	277000	88
31...	168000	323	147000	88
AUG.				
06...	139000	254	95300	94
13...	98000	217	57400	98
20...	127000	208	71300	93
27...	134000	175	63300	93
SEP.				
06...	167000	279	126000	93
10...	212000	420	240000	93
17...	240000	442	286000	82
24...	243000	584	383000	92

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA.--Continued

SUSPENDED-SEDIMENT DISCHARGE (T/DAY), WATER YEAR OCTOBER 1972 TO SEPTEMBER 1973
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	96000	82000	360000	396000	377000	373000	631000	499000	368000	351000	164000	86000
2	94000	84000	358000	395000	389000	363000	638000	496000	423000	341000	174000	84000
3	93000	84000	354000	394000	401000	361000	650000	494000	456000	333000	182000	83000
4	87000	95000	349000	396000	407000	361000	622000	461000	473000	325000	181000	85000
5	84000	110000	346000	392000	415000	360000	601000	485000	555000	318000	178000	88000
6	79000	143000	344000	393000	424000	364000	584000	477000	548000	311000	171000	95000
7	80000	178000	337000	395000	427000	375000	576000	464000	507000	303000	164000	99000
8	81000	209000	330000	396000	433000	392000	561000	472000	532000	296000	155000	101000
9	83000	241000	323000	401000	439000	409000	544000	470000	529000	290000	145000	101000
10	86000	275000	317000	402000	444000	424000	532000	472000	473000	277000	133000	101000
11	88000	315000	317000	403000	448000	452000	538000	480000	484000	263000	122000	102000
12	90000	358000	319000	405000	453000	489000	553000	490000	489000	249000	112000	104000
13	90000	406000	324000	406000	460000	524000	549000	449000	462000	237000	107000	109000
14	91000	455000	329000	408000	470000	568000	553000	454000	470000	229000	100000	117000
15	91000	503000	334000	408000	485000	630000	508000	446000	469000	222000	94000	115000
16	89000	533000	342000	408000	486000	709000	624000	459000	446000	213000	89000	113000
17	87000	564000	349000	406000	491000	770000	647000	445000	446000	205000	87000	109000
18	87000	535000	353000	407000	497000	829000	671000	448000	453000	202000	86000	105000
19	86000	511000	362000	387000	501000	890000	614000	430000	458000	196000	86000	91000
20	84000	494000	367000	371000	509000	953000	637000	449000	461000	194000	89000	91000
21	81000	481000	361000	354000	490000	882000	596000	467000	445000	184000	92000	91000
22	79000	474000	384000	339000	475000	826000	545000	480000	427000	177000	95000	75000
23	79000	467000	382000	330000	460000	771000	475000	503000	415000	170000	94000	82000
24	76000	459000	383000	327000	443000	741000	528000	485000	423000	162000	92000	86000
25	73000	449000	382000	325000	428000	703000	467000	441000	378000	158000	93000	85000
26	71000	438000	381000	327000	412000	664000	477000	439000	402000	153000	95000	76000
27	72000	424000	379000	332000	396000	628000	469000	392000	386000	146000	93000	58000
28	75000	412000	378000	339000	385000	617000	481000	353000	362000	141000	91000	67000
29	77000	397000	376000	348000	---	610000	476000	332000	361000	140000	90000	104000
30	78000	379000	374000	357000	---	618000	502000	303000	363000	143000	88000	164000
31	80000	---	372000	367000	---	624000	---	342000	---	154000	85000	---
MONTH	83450	351830	354390	377870	444460	589680	564970	446680	450800	228480	117000	95930

YEAR TOTAL = 124,000,000 TONS PERCENT FINER THAN .062 = 77,800,000 TONS

MAX 95300 MIN 67000 MEAN 341030

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA.--Continued

SUSPENDED-SEDIMENT DISCHARGE (T/DAY), WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29000	459000	619000	622000	574000	356000	277000	418000	439000	424000	133000	77000
2	34000	462000	714000	610000	530000	401000	285000	404000	446000	407000	121000	82000
3	41000	438000	810000	601000	477000	451000	282000	387000	459000	397000	114000	89000
4	48000	435000	915000	598000	434000	510000	274000	429000	464000	387000	108000	95000
5	61000	484000	974000	595000	394000	571000	268000	472000	457000	378000	101000	109000
6	76000	505000	1050000	591000	404000	637000	257000	525000	453000	373000	95000	125000
7	95000	549000	1150000	584000	416000	471000	249000	586000	451000	367000	89000	150000
8	116000	579000	1130000	575000	426000	344000	240000	656000	490000	361000	81000	179000
9	147000	593000	1110000	565000	406000	343000	233000	724000	534000	355000	74000	210000
10	179000	550000	1090000	553000	386000	341000	242000	799000	590000	351000	67000	240000
11	212000	506000	1060000	575000	370000	341000	255000	724000	657000	344000	61000	245000
12	251000	460000	965000	595000	354000	342000	282000	655000	721000	338000	64000	252000
13	265000	417000	883000	618000	323000	345000	188000	586000	787000	332000	58000	255000
14	280000	367000	816000	641000	295000	338000	118000	525000	783000	327000	55000	259000
15	303000	323000	774000	666000	285000	327000	71000	476000	777000	319000	59000	265000
16	316000	284000	713000	674000	276000	315000	41000	430000	770000	310000	55000	276000
17	332000	252000	659000	680000	247000	306000	39000	389000	773000	301000	58000	286000
18	350000	223000	595000	660000	220000	293000	36000	384000	769000	288000	68000	302000
19	374000	197000	613000	654000	227000	285000	34000	380000	719000	278000	71000	318000
20	388000	179000	621000	639000	234000	306000	63000	378000	670000	290000	71000	331000
21	390000	164000	611000	622000	244000	322000	113000	369000	624000	303000	73000	342000
22	396000	173000	625000	603000	253000	342000	208000	365000	588000	314000	73000	353000
23	403000	184000	630000	586000	262000	318000	378000	373000	553000	335000	73000	367000
24	414000	200000	645000	569000	336000	292000	353000	387000	520000	351000	71000	382000
25	425000	224000	664000	555000	345000	270000	334000	407000	486000	382000	68000	379000
26	430000	250000	682000	556000	354000	251000	314000	404000	463000	403000	66000	376000
27	444000	293000	692000	559000	354000	258000	341000	407000	479000	430000	63000	374000
28	453000	361000	704000	569000	354000	264000	368000	416000	473000	423000	58000	368000
29	457000	434000	682000	576000	---	270000	400000	427000	456000	246000	59000	361000
30	464000	520000	662000	575000	---	271000	434000	441000	440000	188000	72000	358000
31	462000	---	647000	575000	---	269000	---	436000	---	146000	74000	---
MONTH	278550	368830	790480	601320	350360	346770	232570	476100	577030	333870	77050	260200

YEAR TOTAL = 143,000,000 tons PERCENT FINER THAN .062 = 111,000,000

MAX 1150000 MIN 29000 MEAN 391780

07381590 WAX LAKE OUTLET AT CALUMET, LA.

LOCATION.--Lat 29°42'09", long 91°22'07", in lot 56, T.15 S., R.11 E., St. Mary Parish, at bridge on U.S. Highway 90, 0.5 mi (0.8 km) west of Calumet, and 4.0 mi (6.4 km) west of Patterson.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: December 1973 to September 1974 (partial-record station), October 1974 to current year.

REMARKS.--Relief outlet for Atchafalaya basin; generally affected by tide except at high stages.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
03...	1000	30	--	--	188	0	154	10	27	.53	.02	.55
18...	1143	0	--	--	103	0	84	41	34	.46	.01	--
NOV.												
13...	1015	50	--	--	109	0	89	38	42	.43	.00	--
27...	1044	70	33	8.7	99	0	81	37	31	.49	.01	.50
DEC.												
12...	0950	40	31	7.9	88	0	72	36	26	.50	.01	.51
JAN.												
07...	0830	50	27	8.9	86	0	71	32	39	.66	.04	.70
16...	0700	250	28	7.2	85	0	70	34	18	.65	.04	.69
30...	1225	70	24	6.8	85	0	70	27	18	.74	.01	.75
FEB.												
13...	0615	80	30	8.9	88	0	72	32	32	.76	.04	.80
27...	0700	50	26	7.1	71	0	58	27	18	.63	.03	.66
MAR.												
12...	1110	50	28	7.3	82	0	67	29	20	1.2	.04	1.2
27...	0742	20	26	6.7	80	0	66	29	19	.73	.06	.79
APR.												
09...	0645	40	27	6.7	86	0	71	28	15	.88	.02	.90
23...	1726	20	27	7.1	85	0	70	28	14	.97	.03	1.0
MAY												
07...	1845	30	--	7.9	92	0	75	29	18	.51	.02	--
28...	1722	50	24	7.0	86	0	71	26	15	.98	.01	.99
JUNE												
04...	1455	60	25	7.3	89	0	73	25	18	.66	.01	.67
19...	1610	40	29	8.1	92	0	75	33	36	.78	.00	.78
JULY												
02...	1355	20	25	7.5	86	0	71	28	27	.91	.04	.95
16...	1200	50	29	9.7	101	0	83	32	38	.99	.01	1.0
30...	1913	0	34	11	124	0	102	41	22	1.1	.00	1.1
AUG.												
13...	1935	10	38	11	116	0	95	46	45	.66	.01	.67
SEP.												
08...	1855	10	40	14	136	0	112	60	35	.22	.00	.22
16...	1417	0	42	13	137	0	112	59	26	.52	.01	.53

07381590 WAX LAKE OUTLET AT CALUMET, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
03...	.19	206	130	0	316	7.2	--	40	70	5.8	--	900
18...	--	149	--	--	371	7.6	--	--	45	7.1	1.3	260
NOV.												
13...	.34	--	--	--	391	7.9	--	--	240	6.9	1.4	2600
27...	.23	711	120	37	357	7.8	--	100	160	8.3	1.1	2200
DEC.												
12...	.26	407	110	38	321	8.0	--	100	130	8.9	.8	1300
JAN.												
07...	.21	346	100	29	276	7.8	9.0	100	100	9.2	2.9	3800
16...	.21	254	100	30	273	7.6	8.0	100	90	9.4	2.2	1400
30...	.19	225	88	18	258	7.7	8.0	80	60	9.5	5.2	1800
FEB.												
13...	.24	241	110	39	275	7.7	12.5	100	95	9.5	2.0	2000
27...	.15	114	94	36	262	7.4	11.5	55	60	8.8	2.5	2200
MAR.												
12...	.27	276	100	33	262	7.3	14.5	30	75	8.9	2.1	2300
27...	.20	257	93	27	257	7.6	--	10	240	8.2	1.7	--
APR.												
09...	.19	179	95	24	259	7.6	16.5	10	85	7.0	2.4	190
23...	.43	135	97	27	258	7.6	18.0	5	70	7.9	.7	200
MAY												
07...	.00	226	100	24	278	7.1	22.5	20	--	6.0	1.6	--
28...	.12	218	89	18	248	7.4	--	30	85	4.9	.5	1300
JUNE												
04...	.14	--	93	19	258	7.4	25.5	50	45	5.4	1.5	4400
19...	.25	419	110	30	331	7.4	27.0	30	140	6.7	4.8	1500
JULY												
02...	2.3	--	93	23	275	7.5	28.0	30	65	4.8	.8	370
16...	.23	291	110	30	312	7.3	--	15	75	4.9	.7	1200
30...	2.5	101	130	28	359	7.9	29.5	20	55	7.1	2.0	100
AUG.												
13...	.46	27	140	45	472	7.7	22.5	10	45	5.1	.8	--
SEP.												
08...	.11	30	160	46	450	8.0	31.0	10	10	7.1	2.6	30
16...	.13	23	160	46	453	8.1	28.5	20	20	6.9	.0	110

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
03...	200	6.5	.00	2	0	.00	.0	.00	.00	.00	<.01	<.01
18...	160	6.0	.00	0	0	.00	.0	.00	.00	.00	.01	.02
NOV.												
13...	320	8.4	.00	1	0	.00	.0	.00	.00	.00	.00	.00
27...	480	7.2	.00	0	1	.00	.0	.00	.00	.00	.00	.00
DEC.												
12...	510	5.8	.00	1	1	<.01	.0	.00	.00	.00	.00	.02
JAN.												
07...	600	6.9	.00	3	0	.00	.0	.00	.00	.00	.00	.00
16...	300	6.1	.00	4	0	.00	.0	.00	.00	.00	.00	.00
30...	16	5.9	.00	2	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
13...	610	7.9	.00	6	0	.00	.0	.00	.00	.00	.00	.00
27...	210	7.1	.00	1	0	--	--	--	--	--	--	--
MAR.												
12...	430	7.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
27...	--	6.2	.00	1	0	.00	.0	.00	.00	.00	.00	.00
APR.												
09...	43	5.0	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
23...	13	4.8	.00	2	0	.00	.0	.00	.00	.00	.00	.00
MAY												
07...	--	15	.00	--	0	.00	.0	.00	.00	.00	.01	.00
28...	90	--	.00	--	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
04...	140	--	.00	--	0	.00	.0	.00	.00	.00	.00	.00
19...	120	--	.01	--	0	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	50	--	.00	--	0	.00	.0	.00	.00	.00	.01	.00
16...	360	--	.00	--	--	.00	.0	.00	.00	.00	.01	.00
30...	9	3.2	.00	0	4	.00	.0	.00	.00	.00	.00	.00
AUG.												
13...	--	4.8	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
SEP.												
08...	8	4.4	.00	0	0	.00	.0	.00	.00	.00	.01	.01
16...	24	8.0	.00	0	0	.00	.0	.00	.00	.00	<.01	.00

07381590 WAX LAKE OUTLET AT CALUMET, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT.											
03...	.00	.00	.00	.0	0	4	2	2	2	2	0
18...	.00	.00	.00	.0	0	2	0	2	0	0	0
NOV.											
13...	.00	.00	.00	.0	0	11	10	1	0	0	0
27...	.00	.00	.00	.0	0	5	4	1	0	0	1
DEC.											
12...	.00	.00	.00	.0	0	4	2	2	1	1	0
JAN.											
07...	.00	.00	.00	.0	0	2	2	0	1	0	2
16...	.00	.00	.00	.0	0	4	2	2	0	0	1
30...	.00	.00	.00	.2	0	0	0	0	1	0	2
FEB.											
13...	.00	.00	.00	.0	0	5	4	1	1	1	0
27...	--	--	--	--	--	3	2	1	1	0	1
MAR.											
12...	.00	.00	.00	.0	0	4	3	1	1	1	0
27...	.00	.00	.00	.0	0	3	0	3	1	0	2
APR.											
09...	.00	.00	.00	.0	0	2	2	0	1	0	1
23...	.00	.00	.00	.1	0	3	2	1	3	2	1
MAY											
07...	.00	.00	.00	.0	0	3	3	0	2	2	0
28...	.00	.00	.00	.0	0	5	4	1	3	3	0
JUNE											
04...	.00	.00	.00	.0	0	3	3	0	7	7	0
19...	.00	.00	.00	.0	0	4	3	1	3	3	0
JULY											
02...	.00	.00	.00	.0	0	3	2	1	0	0	0
16...	.00	.00	.00	.0	0	2	2	0	1	1	0
30...	.00	.00	.00	.0	0	1	1	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	2	1	1	0	0	0
SEP.											
08...	.00	.00	.00	.0	0	2	2	0	0	0	0
16...	.00	.00	.00	.0	0	2	0	2	0	0	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
03...	20	0	10	10	0	.0	.0	.0	40	40	0
18...	10	0	1	2	3	.1	.1	.0	10	6	4
NOV.											
13...	30	0	15	14	1	.1	.1	.0	70	70	0
27...	<10	0	7	5	2	.1	.0	.2	20	20	0
DEC.											
12...	10	0	12	10	2	.0	.0	.0	70	50	20
JAN.											
07...	20	0	10	4	6	.0	.0	.0	30	10	20
16...	<10	0	8	8	0	.0	.0	.0	30	20	7
30...	10	0	1	1	0	.0	.0	.0	10	4	6
FEB.											
13...	20	0	21	21	0	.0	.0	.0	10	10	0
27...	<10	0	4	3	1	.2	.2	.0	60	40	20
MAR.											
12...	<10	0	12	10	2	.2	.0	.2	90	90	0
27...	<10	1	10	5	5	.0	.0	.1	20	20	0
APR.											
09...	<10	0	6	6	0	.0	.0	.0	30	20	10
23...	<10	0	14	14	0	.4	.2	.2	30	30	0
MAY											
07...	20	0	13	13	0	.1	.0	.1	50	40	6
28...	10	0	5	5	0	.1	.1	.0	40	40	3
JUNE											
04...	10	0	10	10	0	.0	.0	.1	50	20	30
19...	10	0	13	1	12	.0	.0	.0	50	50	0
JULY											
02...	10	0	6	6	0	.1	.0	.1	40	40	0
16...	10	0	8	7	1	.0	.0	.0	30	20	10
30...	<10	0	3	3	0	.0	.0	.0	20	20	0
AUG.											
13...	<10	0	6	4	2	.3	.2	.1	40	10	30
SEP.											
08...	<10	0	0	0	0	.0	.0	.0	20	10	10
16...	<10	0	6	6	0	.0	.0	.0	10	9	1

07381590 WAX LAKE OUTLET AT CALUMET, LA.--Continued

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	35	30	---	25	21	19	20	16	27	29	44
2	28	42	48	22	22	25	25	22	17	34	29	44
3	36	45	54	22	26	23	23	19	18	27	24	46
4	25	35	76	28	22	20	26	20	23	25	23	42
5	35	41	39	38	32	---	41	20	---	27	23	40
6	27	40	28	39	26	19	22	29	30	26	25	44
7	31	41	31	33	34	20	20	---	31	39	28	40
8	33	49	34	25	19	29	31	20	35	28	26	38
9	---	41	26	---	37	21	25	20	33	30	30	29
10	---	46	25	---	17	31	17	20	35	36	32	33
11	---	42	25	19	21	20	22	16	30	29	36	36
12	---	51	29	---	25	18	16	20	36	32	33	34
13	---	63	30	31	19	18	17	16	43	33	---	35
14	---	64	---	30	29	18	21	16	42	28	---	33
15	---	71	---	21	21	18	---	---	41	24	---	30
16	---	68	30	20	30	20	---	15	50	26	---	26
17	---	73	34	26	20	21	---	15	38	28	---	34
18	---	70	20	24	27	22	---	15	36	28	---	30
19	---	55	20	20	23	21	---	12	33	24	---	30
20	---	48	23	22	25	34	---	14	33	26	---	---
21	---	42	22	18	19	22	---	15	---	25	---	34
22	---	40	---	20	25	22	---	15	30	33	---	32
23	---	44	22	18	21	21	16	15	24	32	---	33
24	---	41	21	18	20	21	18	15	29	28	---	34
25	---	41	29	19	28	25	16	15	27	26	36	33
26	---	41	25	15	30	22	15	20	32	26	38	31
27	---	43	23	16	19	21	18	17	34	24	38	36
28	---	35	22	22	---	20	19	19	30	26	42	32
29	---	34	21	25	---	20	25	14	31	22	40	32
30	---	40	23	42	---	21	26	19	26	24	38	36
31	---	---	26	27	---	20	---	16	---	25	42	---
MONTH	---	48	30	24	25	22	---	18	32	28	---	35

YEAR MAX 76 MIN 12 MEAN 29

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.

LOCATION.--Lat 29°42'09", long 91°22'07", on line between lots 1 and 6, T.15 and 16S., R.12 E., St. Mary Parish, at bridge on U.S. Highway 90, at Morgan City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: December 1973 to September 1974 (partial-record station), October 1974 to current year.

REMARKS.--Flow from Atchafalaya basin; generally affected by tide except at high stages.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)
OCT.												
03...	0946	50	--	--	--	94	0	77	34	30	.48	.01
17...	1040	50	33	12	--	107	0	88	48	67	.42	.00
18...	1128	30	--	--	--	93	0	76	40	35	.43	.01
31...	1542	0	--	--	--	136	0	112	60	85	.37	.02
NOV.												
13...	1000	50	--	--	--	109	0	89	37	43	.43	.00
15...	1320	30	34	9.2	--	105	0	86	48	53	.42	.00
27...	1028	70	32	9.1	--	98	0	80	37	41	.49	.00
DEC.												
12...	1155	10	30	7.7	--	88	0	72	35	25	.45	.01
13...	1150	30	30	7.9	--	88	0	72	38	25	.55	.01
JAN.												
07...	1035	60	29	8.2	--	87	0	71	30	20	.60	.02
16...	0840	90	28	8.6	--	84	0	69	49	34	--	--
30...	1211	40	26	7.5	--	85	0	70	29	17	.74	.02
FEB.												
13...	0850	40	28	8.2	--	87	0	71	31	30	.66	.03
27...	0835	60	29	6.8	--	83	0	68	27	18	.60	.03
MAR.												
12...	1225	30	27	7.0	--	82	0	67	29	20	.79	.05
27...	0700	100	26	9.7	--	81	0	66	34	56	.63	.06
APR.												
09...	0655	30	27	6.7	--	85	0	70	28	16	.85	.02
23...	1715	70	27	7.3	--	85	0	70	28	15	.88	.02
MAY												
07...	1835	10	27	7.9	--	92	0	75	33	19	.78	.03
JUNE												
04...	1440	60	26	7.1	--	87	0	71	25	18	.81	.01
19...	1600	50	28	8.0	--	91	0	75	32	32	--	--
JULY												
02...	1340	20	25	7.4	--	87	0	71	28	25	.77	.03
16...	1323	40	28	9.2	--	102	0	84	30	26	1.1	.02
30...	1857	10	36	11	--	123	0	101	38	24	1.0	.00
AUG.												
13...	2025	40	34	2.8	--	110	0	90	39	40	.53	.01
27...	1734	10	38	12	--	124	0	102	52	40	.44	.01
29...	1245	280	41	12	33	128	0	105	52	39	.39	.01
SEP.												
08...	1840	10	40	14	--	134	0	110	59	55	.24	.00
16...	1535	10	41	13	--	137	0	112	59	25	.55	.01

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)
OCT.												
03...	.49	.21	325	130	53	313	7.6	--	50	70	5.9	--
17...	.42	.16	24	130	44	371	7.7	20.0	--	60	7.0	--
18...	--	.13	--	--	--	380	7.3	--	40	40	6.9	.3
31...	--	.09	49	--	--	436	7.6	--	10	20	8.2	1.4
NOV.												
13...	--	.32	35	--	--	381	7.5	--	--	250	7.0	1.6
15...	.42	.42	904	120	37	453	7.9	--	--	250	--	--
27...	.49	.26	408	120	37	341	7.8	--	100	150	8.2	1.5
DEC.												
12...	.46	.27	514	110	38	310	7.8	--	100	140	10.7	3.1
13...	.56	.22	469	110	38	306	7.7	--	--	130	--	--
JAN.												
07...	.62	.17	192	110	39	287	7.7	10.0	100	60	9.0	1.7
16...	--	--	155	110	41	271	7.7	8.5	50	80	9.5	2.8
30...	.76	.22	210	96	26	259	7.6	--	60	100	9.6	3.1
FEB.												
13...	.69	.14	114	100	32	299	7.7	6.0	70	80	9.5	2.0
27...	.63	.16	140	100	32	261	7.7	16.0	60	55	9.1	2.6
MAR.												
12...	.84	.32	232	96	29	271	7.4	16.0	40	75	9.0	1.7
27...	.69	.32	244	100	34	395	7.4	--	15	190	8.0	1.7
APR.												
09...	.87	.29	233	95	25	257	7.7	16.5	10	90	7.6	2.4
23...	.90	.19	141	97	27	252	7.1	19.0	5	65	7.7	.4
MAY												
07...	.81	--	262	100	25	281	7.6	22.5	30	--	6.0	2.1
JUNE												
04...	--	.59	136	94	23	262	7.4	--	50	--	--	--
19...	--	--	796	100	25	325	7.3	27.0	30	180	6.7	5.2
JULY												
02...	--	.26	335	93	22	278	7.8	27.5	30	75	4.8	.5
16...	--	.41	315	110	24	312	7.4	--	20	75	4.9	.6
30...	1.0	.22	118	140	39	362	7.9	29.5	20	45	5.8	1.1
AUG.												
13...	.54	.17	39	96	6	400	7.6	20.5	10	25	6.0	1.8
27...	.45	.13	61	140	43	449	8.1	31.5	30	35	7.6	2.5
29...	.40	.11	54	150	47	448	8.1	29.5	20	25	6.9	.3
SEP.												
08...	.24	.53	23	160	48	541	8.2	31.0	5	9	7.0	2.3
16...	.56	.15	24	160	44	437	8.1	30.0	20	20	7.0	.9

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	IMME-DIATE COLI-FORM (COL. PER 100 ML)	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)
OCT.												
03...	1000	290	10	.00	0	2	.00	.0	.00	.00	.00	<.01
17...	--	--	5.7	--	--	--	--	--	--	--	--	--
18...	200	150	10	.00	0	0	.00	.0	.00	.00	.00	.00
31...	520	32	4.8	.00	0	1	.00	.0	.00	.00	.00	.01
NOV.												
13...	3000	800	22	.00	0	1	.00	.0	.00	.00	.00	.00
15...	--	--	14	--	--	--	--	--	--	--	--	--
27...	3200	580	7.3	.00	0	0	.00	.0	.00	.00	.00	.00
DEC.												
12...	700	340	7.1	.00	1	2	.00	.0	.00	.00	.00	.00
13...	--	--	6.7	--	--	--	--	--	--	--	--	--
JAN.												
07...	2600	290	11	.00	1	0	.00	.0	.00	.00	.00	.00
16...	2600	540	--	.00	--	0	--	--	--	--	--	--
30...	2000	130	6.2	.00	5	0	.00	.0	.00	.00	.00	.00
FEB.												
13...	2900	1700	6.3	.00	3	0	.00	.0	.00	.00	.00	.00
27...	3100	310	6.3	.00	4	0	--	--	--	--	--	--
MAR.												
12...	1100	270	7.0	.00	0	0	--	--	--	--	--	--
27...	--	--	8.6	.00	4	0	.00	.0	.00	.00	.00	.00
APR.												
09...	420	94	5.2	.00	0	0	.00	.0	.00	.00	.00	<.01
23...	180	46	4.3	.00	4	0	.00	.0	.00	.00	.00	.00
MAY												
07...	--	--	15	.00	0	0	.00	.0	.00	.00	.00	.01
JUNE												
04...	--	--	--	.00	4	0	.00	.0	.00	.00	.00	<.01
19...	2300	230	--	.00	--	--	.00	.0	.00	.00	.00	.00
JULY												
02...	630	60	6.2	.00	0	0	.00	.0	.00	.00	.00	<.01
16...	350	77	7.8	.01	0	0	.00	.0	.00	.00	.00	.00
30...	300	43	5.6	.00	0	4	.00	.0	.00	.00	.00	<.01
AUG.												
13...	--	--	5.6	.00	0	0	.00	.0	.00	.00	.00	.00
27...	130	12	11	.00	3	0	.00	.0	.00	.00	.00	.01
29...	--	10	4.0	--	--	--	.00	.0	.00	.00	.00	<.01
SEP.												
08...	42	12	6.0	.00	0	0	.00	.0	.00	.00	.00	.01
16...	83	16	5.0	.00	0	0	.00	.0	.00	.00	.00	.00

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	ENDRIN (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.												
03...	.01	.00	.00	.00	.0	0	3	2	1	1	1	0
17...	--	--	--	--	--	--	--	--	--	--	--	--
18...	.00	.00	.00	.00	.0	0	2	1	1	0	0	1
31...	.02	.00	.00	.00	.0	0	2	0	2	0	0	1
NOV.												
13...	.00	.00	.00	.00	.0	0	10	9	1	1	1	0
15...	--	--	--	--	--	--	--	--	--	--	--	--
27...	.00	.00	.00	.00	.0	0	4	3	1	0	0	4
DEC.												
12...	.00	.00	.00	.00	.0	0	2	0	2	0	0	0
13...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
07...	.00	.00	.00	.00	.0	0	3	3	0	4	3	1
16...	--	--	--	--	--	--	3	2	1	3	1	2
30...	.00	.00	.00	.00	.1	0	1	1	0	1	0	1
FEB.												
13...	.00	.00	.00	.00	.0	0	2	1	1	1	0	1
27...	--	--	--	--	--	--	4	3	1	1	1	0
MAR.												
12...	--	--	--	--	--	--	4	3	1	1	1	0
27...	.00	.00	.00	.00	.0	0	3	2	1	2	2	0
APR.												
09...	.00	.00	.00	.00	.0	0	3	3	0	2	1	1
23...	.00	.00	.00	.00	<.1	0	3	3	0	2	1	1
MAY												
07...	.00	.00	.00	.00	.0	0	3	3	0	5	5	0
JUNE												
04...	.00	.00	.00	.00	.0	0	2	2	0	9	9	0
19...	.00	.00	.00	.00	.0	0	5	4	1	2	2	0
JULY												
02...	<.01	.00	.00	.00	.0	0	3	2	1	0	0	0
16...	.00	.00	.00	.00	.0	0	3	3	0	0	0	0
30...	.00	.00	.00	.00	.0	0	1	1	0	0	0	0
AUG.												
13...	.00	.00	.00	.00	.0	0	2	1	1	0	0	0
27...	.01	.00	.00	.00	.0	0	1	0	1	0	0	0
29...	.01	.00	.00	.00	.0	0	--	--	1	--	--	0
SEP.												
08...	.01	.00	.00	.00	.0	0	2	1	1	0	0	0
16...	.00	.00	.00	.00	.0	0	2	0	2	0	0	0

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
03...	30	0	7	6	1	.0	.0	.0	20	20	0
17...	--	--	--	--	--	--	--	--	--	--	--
18...	<10	0	0	0	3	.1	.1	.0	10	2	8
31...	<10	0	1	0	0	.1	.1	.0	0	0	4
NOV.											
13...	40	0	13	13	0	.1	.0	.1	70	70	0
15...	--	--	--	--	--	--	--	--	--	--	--
27...	<10	0	12	11	1	.0	.0	.2	10	0	10
DEC.											
12...	10	0	16	15	1	--	--	.0	50	40	10
13...	--	--	--	--	--	--	--	--	--	--	--
JAN.											
07...	<10	0	10	10	0	.0	.0	.0	40	30	10
16...	<10	0	8	8	0	.0	.0	.0	20	10	10
30...	10	0	0	0	1	.4	.4	.0	20	20	0
FEB.											
13...	10	1	12	16	1	.0	.0	.0	10	8	2
27...	10	0	9	9	0	.1	.1	.0	40	30	10
MAR.											
12...	<10	0	11	6	5	.2	.0	.2	40	30	10
27...	20	0	1	1	0	.0	.0	.1	20	20	0
APR.											
09...	15	0	5	5	0	.1	.1	.0	30	20	10
23...	<10	0	7	7	0	.3	.1	.2	20	20	1
MAY											
07...	10	0	12	12	0	.1	.0	.1	40	40	4
JUNE											
04...	10	0	9	9	0	.2	.1	.1	60	20	40
19...	20	0	9	9	0	.0	.0	.0	40	40	0
JULY											
02...	<10	0	0	6	6	.2	.0	.2	40	0	40
16...	<10	0	13	13	0	.1	1.0	.0	90	80	10
30...	<10	0	6	6	0	.2	.2	.0	30	30	0
AUG.											
13...	<10	0	2	2	0	.2	.0	.2	40	10	30
27...	<10	0	0	0	0	.0	.0	.0	10	10	0
29...	--	0	--	--	0	.2	--	--	--	--	0
SEP.											
08...	<10	0	0	0	0	.0	.0	.0	30	20	10
16...	<10	0	5	5	0	.0	.0	.0	20	20	0

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.--Continued

CHLORIDE (MG/L AS CL), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	35	34	---	22	18	20	---	---	---	24	42
2	39	44	42	---	---	---	25	---	18	---	24	48
3	38	35	36	35	55	21	---	---	19	30	---	46
4	38	40	36	26	23	21	---	---	18	26	22	48
5	35	35	36	---	28	22	---	---	21	28	24	48
6	36	37	36	11	23	21	---	---	33	---	24	48
7	46	39	30	31	34	21	---	---	38	28	24	---
8	38	41	36	24	32	23	---	22	---	31	28	44
9	40	44	34	20	---	---	---	33	---	32	28	---
10	13	39	39	19	22	18	---	11	---	33	30	---
11	45	41	36	---	23	18	---	---	---	32	30	34
12	---	42	28	---	27	17	---	18	---	32	42	33
13	36	45	27	22	32	18	---	20	---	30	44	18
14	40	55	26	25	21	18	---	19	---	30	46	---
15	38	61	40	38	19	24	---	17	---	27	54	36
16	37	65	24	---	---	---	---	20	---	28	50	38
17	36	74	27	---	22	25	---	19	---	24	---	36
18	37	68	23	---	19	---	---	---	---	28	44	36
19	37	71	26	---	21	33	---	17	---	28	42	18
20	38	54	28	33	19	27	---	17	---	---	42	36
21	35	41	27	29	23	25	---	16	---	22	42	36
22	36	35	---	23	19	24	---	16	---	24	46	38
23	46	35	25	33	---	---	---	18	---	24	38	---
24	39	43	22	23	22	26	---	18	---	22	---	36
25	45	45	22	26	20	23	---	22	---	26	42	36
26	36	37	24	42	19	23	---	---	---	20	42	37
27	36	33	20	20	18	24	---	19	---	---	50	38
28	35	37	---	21	18	22	---	24	---	32	54	35
29	37	39	---	22	---	23	---	18	---	26	48	34
30	40	38	---	28	---	---	---	17	---	24	46	34
31	35	---	21	24	---	20	---	20	---	24	---	---
MONTH	38	45	30	---	24	22	---	---	---	27	38	37

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 30°04'15", long 91°49'45", on line between lots 8 and 17, T.11 S., R.6 E., St. Martin Parish, at gaging station at lock and dam, 3.5 mi (5.6 km) south of St. Martinville, and 11 mi (18 km) upstream from Loreauville Canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.
Water temperatures: October 1974 to current year.

EXTREMES.--Current year:
Specific conductance: Maximum daily, 261 micromhos Apr. 10; minimum daily, 67 micromhos Jan. 10.
Water temperatures: Maximum daily, 32.5°C July 22; minimum daily, 9.0°C Jan. 15.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)
OCT.										
09...	0930	269	11	1000	180	140	110	14	5.4	--
NOV.										
05...	0840	361	6.0	--	--	--	--	7.0	2.4	5.2
DEC.										
05...	0855	380	11	--	--	--	--	9.4	4.7	7.3
JAN.										
20...	1245	815	7.3	2900	320	64	13	8.2	3.8	6.0
FEB.										
12...	0900	636	9.0	--	--	--	--	10	5.2	8.5
MAR.										
11...	1445	487	7.0	--	--	--	--	11	4.4	7.6
APR.										
03...	1315	484	7.3	2700	80	100	70	13	5.6	8.9
MAY										
08...	1400	1010	--	--	--	--	--	8.7	2.8	5.7
JUNE										
04...	1650	727	7.5	--	--	--	--	6.5	3.2	5.3
JULY										
18...	1100	558	7.5	3000	120	150	140	8.6	3.8	6.1
AUG.										
15...	0850	677	8.9	--	--	--	--	9.7	3.7	5.5
SEP.										
10...	1140	584	11	--	--	--	--	8.3	2.8	7.5

DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)
OCT.									
09...	3.4	64	0	53	6.5	11	.2	.20	.02
NOV.									
05...	5.0	32	0	26	6.6	8.0	.2	.12	.02
DEC.									
05...	3.2	48	0	39	7.0	9.6	.2	.14	.01
JAN.									
20...	2.2	41	0	34	4.1	8.1	.2	.05	.03
FEB.									
12...	2.3	48	0	39	5.1	10	.5	--	--
MAR.									
11...	2.2	55	0	45	8.4	10	.3	.20	.02
APR.									
03...	2.2	58	0	48	8.2	17	.3	.19	.02
MAY									
08...	3.0	37	0	30	4.6	7.4	.2	.25	.06
JUNE									
04...	2.5	43	0	35	5.4	6.3	.1	.37	.04
JULY									
18...	2.4	--	0	--	6.4	8.0	.2	.21	.02
AUG.									
15...	2.8	45	0	37	4.2	6.1	.1	.12	.01
SEP.									
10...	2.5	42	0	34	3.8	8.4	.2	.17	.00

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)
OCT.									
09...	.10	.52	.23	126	--	57	5	157	7.4
NOV.									
05...	.14	.49	.40	52	56	27	1	87	6.8
DEC.									
05...	.06	.45	.17	92	76	43	3	118	7.1
JAN.									
20...	.08	.70	.22	--	60	36	3	105	7.2
FEB.									
12...	--	--	.15	86	74	46	7	130	7.2
MAR.									
11...	.17	.80	.17	100	78	46	1	137	7.1
APR.									
03...	.10	.70	.26	112	91	56	8	148	7.1
MAY									
08...	.20	.90	.30	64	56	33	3	94	6.8
JUNE									
04...	.13	.82	.28	64	58	29	0	101	7.1
JULY									
18...	.13	.47	.26	61	--	37	--	109	7.3
AUG.									
15...	.06	.59	.25	76	63	39	3	110	6.9
SEP.									
10...	.09	.57	.24	60	65	32	0	106	7.7

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT.									
09...	22.5	--	20	5.1	1.4	170	1200	160	32
NOV.									
05...	20.5	--	20	3.8	2.8	110	--	280	130
DEC.									
05...	11.0	--	25	8.2	3.5	53	--	31	900
JAN.									
20...	12.0	--	50	8.8	1.7	81	--	760	330
FEB.									
12...	15.0	--	25	8.4	2.8	160	--	53	71
MAR.									
11...	18.5	100	40	8.5	1.2	210	--	45	45
APR.									
03...	19.0	50	30	6.9	3.9	230	--	50	96
MAY									
08...	25.5	70	70	5.8	2.1	170	--	16000	1400
JUNE									
04...	25.5	85	75	4.4	.5	77	--	190	320
JULY									
18...	28.5	--	45	5.0	--	380	--	140	920
AUG.									
15...	28.5	90	30	3.0	--	330	--	200	160
SEP.									
10...	--	60	25	5.7	1.3	31	--	370	290

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M	TOTAL ORGANIC CARBON (C) (MG/L)	TOTAL ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT. 09...	--	--	12	3	1	0	0
NOV. 05...	--	1.5	--	--	--	--	--
JAN. 20...	--	--	9.1	3	2	0	1
MAR. 11...	53	45	--	--	--	--	--
APR. 03...	--	--	16	2	2	0	1
MAY 08...	--	--	11	--	--	--	--
JULY 18...	--	--	9.0	4	2	0	2

DATE	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)
OCT. 09...	<10	0	7	0	9	8	3	1	.2
NOV. 05...	--	--	--	--	--	--	--	--	--
JAN. 20...	<10	0	0	0	7	6	8	1	.0
MAR. 11...	--	--	--	--	--	--	--	--	--
APR. 03...	<10	0	0	1	8	8	4	5	.0
MAY 08...	--	--	--	--	--	--	--	--	--
JULY 18...	<10	0	4	0	8	8	9	2	.0

DATE	DISSOLVED MERCURY (HG) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	DISSOLVED SELENIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)	SUSPENDED SEDIMENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM	SUSPENDED SEDIMENT DISCHARGE (T/DAY)
OCT. 09...	.1	0	0	10	8	--	--	--
NOV. 05...	--	--	--	--	--	--	--	--
JAN. 20...	.0	0	0	30	10	110	71	242
MAR. 11...	--	--	--	--	--	242	98	318
APR. 03...	.0	0	0	10	5	56	98	73
MAY 08...	--	--	--	--	--	422	99	1150
JULY 18...	.0	0	0	30	20	34	76	60

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	119	122	110	100	132	128	131	99	100	105	87
2	---	106	126	111	---	137	132	114	104	90	111	88
3	140	90	121	110	96	150	139	84	97	94	96	92
4	129	84	124	111	96	167	143	72	99	89	78	88
5	142	83	122	113	96	180	160	72	107	95	73	104
6	154	99	126	112	99	186	185	82	113	93	77	97
7	161	104	117	117	---	---	185	89	108	89	89	99
8	114	117	110	95	105	139	192	93	100	96	95	99
9	155	121	80	88	102	151	216	101	88	103	112	99
10	156	120	87	67	108	145	261	93	90	96	106	107
11	163	116	94	77	130	138	225	93	84	88	109	106
12	157	111	106	70	119	142	183	99	91	71	101	115
13	166	119	101	69	118	164	142	104	93	72	103	127
14	183	123	101	73	124	177	141	103	99	79	105	141
15	174	129	97	76	129	205	137	113	111	86	108	140
16	207	128	101	78	146	193	127	108	106	99	110	146
17	206	105	97	82	166	174	110	106	122	96	110	149
18	190	126	95	82	199	158	98	107	112	120	109	133
19	186	123	87	84	186	147	105	109	118	124	110	155
20	186	106	93	84	154	137	113	114	123	112	108	172
21	189	110	98	88	145	132	118	115	120	99	104	144
22	188	104	104	92	156	113	131	117	118	92	101	132
23	207	99	103	90	140	114	123	109	115	107	80	126
24	196	110	101	94	133	117	119	108	118	113	88	119
25	178	103	106	99	131	121	133	105	124	132	92	122
26	189	123	110	99	132	128	137	102	127	147	83	130
27	199	106	108	92	131	128	160	90	146	115	87	140
28	202	113	107	94	133	128	148	102	140	99	89	131
29	196	124	112	102	---	154	142	91	128	107	95	122
30	199	124	110	105	---	137	140	88	154	110	91	126
31	208	---	115	106	---	135	---	87	---	115	92	---
MONTH		112	106	93			149	100	112	101	97	121

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	24.0	13.5	18.0	19.0	16.5	17.0	22.0	24.0	26.0	28.0	28.0
2	---	24.0	10.0	15.5	---	16.0	20.0	23.5	27.5	26.5	26.5	28.0
3	23.5	24.0	11.0	16.5	19.0	15.0	19.0	23.5	25.0	25.5	27.0	28.0
4	20.5	23.5	13.5	13.5	17.0	13.5	20.0	25.0	26.0	27.0	27.5	28.0
5	21.0	20.5	10.0	12.5	18.0	11.0	20.0	25.0	27.0	27.5	25.5	27.0
6	22.0	19.5	12.5	11.5	16.5	13.0	17.0	24.0	26.5	28.0	28.0	27.5
7	21.0	19.0	12.5	14.0	---	---	17.5	24.5	27.0	28.5	25.5	27.5
8	22.0	17.5	10.5	17.0	14.5	18.5	19.0	22.5	28.0	28.0	27.5	29.0
9	22.0	17.5	12.5	16.0	15.5	13.0	19.5	22.5	28.0	28.0	27.5	27.0
10	20.5	18.0	10.5	18.5	13.0	18.5	20.0	23.0	28.0	27.0	27.0	27.0
11	22.0	18.0	13.0	16.0	15.5	17.0	18.5	23.5	25.5	29.0	28.0	27.0
12	22.0	17.5	13.0	13.5	14.5	20.0	16.5	24.5	27.0	25.5	26.5	27.0
13	21.5	14.5	13.0	10.0	13.0	21.0	18.0	24.5	27.5	26.5	27.5	26.5
14	22.5	17.5	13.0	9.5	15.0	14.0	17.5	24.0	29.5	28.0	28.0	24.0
15	23.0	15.5	12.5	9.0	14.5	13.0	16.5	23.5	28.0	26.5	28.5	25.5
16	19.0	15.0	12.5	11.0	17.5	15.0	18.5	22.5	26.5	26.0	29.0	26.0
17	21.5	19.0	10.0	12.0	15.5	15.5	19.5	24.0	27.0	27.5	28.5	26.0
18	21.0	17.0	10.5	14.5	18.0	17.0	21.5	25.0	28.0	28.5	30.0	28.0
19	20.0	20.0	13.0	14.0	15.5	17.5	20.5	24.5	28.5	28.0	29.0	29.0
20	21.5	19.5	13.5	11.0	14.0	15.5	20.0	24.5	27.0	27.5	29.0	28.5
21	20.0	18.0	12.0	11.0	16.0	18.5	18.5	25.5	28.0	29.0	29.0	27.0
22	20.0	15.5	12.5	12.0	19.5	20.0	18.5	25.5	28.0	32.5	31.0	23.5
23	20.0	17.5	14.5	12.0	18.0	20.0	20.5	25.5	28.5	27.5	30.5	20.5
24	20.0	18.0	17.0	12.0	14.5	22.5	22.0	26.0	28.5	31.0	30.0	20.5
25	19.5	15.0	15.0	13.0	12.5	18.5	23.5	27.5	27.5	31.0	29.0	21.0
26	19.0	14.0	13.5	13.5	10.5	19.0	24.5	27.0	27.0	29.5	27.0	20.0
27	19.5	13.0	16.5	15.0	16.0	20.5	24.0	27.0	27.0	31.5	27.0	20.5
28	22.0	13.5	18.5	16.0	15.5	22.0	24.5	25.5	29.0	28.0	27.5	20.0
29	21.5	13.5	19.0	18.0	---	23.0	24.5	26.5	29.0	31.0	27.5	21.0
30	22.5	13.0	18.5	18.0	---	16.5	25.0	24.5	31.0	29.5	26.5	21.0
31	22.5	---	19.5	18.5	---	15.5	---	23.5	---	28.0	27.5	---
MONTH		17.5	13.5	14.0			20.0	24.5	27.5	28.0	28.0	25.5

07385750 BAYOU TECHE NEAR OLIVIER, LA.

LOCATION.--Lat 29°57'18", long 91°42'54", in lot 28, T.12 S., R.7 E., Iberia Parish, on left bank of privately owned turn-span bridge, 2.8 mi (3.0 km) southeast of Olivier and 13.8 mi (22.2 km) upstream from C, D, and N Canal.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1973 to current year.
Water temperatures: November 1973 to current year.

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	23.0	24.0	24.5	23.5	24.0	---	---	---	20.0	18.0	19.0
2	25.0	22.5	24.0	25.5	23.5	24.0	---	---	---	18.0	17.0	17.5
3	24.5	23.0	23.5	---	---	---	---	---	---	17.0	16.0	16.5
4	23.5	22.0	22.5	---	---	---	---	---	---	16.0	14.0	15.0
5	---	---	---	23.5	22.5	23.0	---	---	---	14.0	12.5	13.5
6	---	---	---	22.5	18.5	21.0	---	---	---	---	---	---
7	---	---	---	20.5	19.5	20.0	---	---	---	---	---	---
8	24.0	22.0	22.5	20.0	18.5	19.0	---	---	---	---	---	---
9	24.0	22.5	22.5	18.5	18.0	18.5	---	---	---	---	---	---
10	23.0	22.0	22.5	18.5	18.0	18.5	---	---	---	---	---	---
11	23.0	22.0	22.0	---	---	---	---	---	---	---	---	---
12	23.5	22.5	23.0	---	---	---	---	---	---	---	---	---
13	24.0	23.0	23.5	---	---	---	---	---	---	---	---	---
14	24.0	23.0	23.5	---	---	---	---	---	---	---	---	---
15	24.0	22.5	23.5	17.0	16.0	16.5	---	---	---	---	---	---
16	23.0	22.0	22.5	16.5	15.5	16.0	---	---	---	---	---	---
17	22.5	21.0	21.5	17.0	16.0	16.5	---	---	---	---	---	---
18	22.5	21.0	21.5	19.5	17.0	18.0	12.5	11.5	12.0	---	---	---
19	22.5	21.0	22.0	20.0	19.0	19.5	15.0	12.5	13.5	---	---	---
20	---	---	---	---	---	---	15.0	13.5	14.0	---	---	---
21	---	---	---	19.5	18.0	19.0	16.0	12.5	14.0	11.0	9.5	10.5
22	---	---	---	18.5	17.5	18.0	15.5	12.5	14.0	11.0	10.5	10.5
23	---	---	---	19.0	18.0	18.5	16.5	14.0	15.5	12.0	10.0	11.0
24	---	---	---	19.0	18.0	18.5	18.0	16.0	17.0	12.0	10.5	11.0
25	---	---	---	17.5	16.5	17.0	17.0	16.0	17.0	14.5	11.5	12.5
26	---	---	---	16.5	16.0	16.0	16.0	14.5	14.5	15.0	12.0	13.0
27	---	---	---	---	---	---	17.5	15.0	16.0	15.5	13.0	14.0
28	---	---	---	---	---	---	17.5	16.5	17.0	17.0	14.0	15.5
29	---	---	---	---	---	---	18.0	17.0	17.5	18.0	15.5	16.5
30	24.0	24.0	24.0	---	---	---	19.5	18.0	19.0	18.5	16.0	17.0
31	25.5	23.5	24.5	---	---	---	20.5	19.5	20.0	18.5	16.5	17.0
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07385750 BAYOU TECHE NEAR OLIVIER, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.5	17.0	18.0	20.0	16.0	17.5	18.5	17.5	18.0	---	---	---
2	19.5	17.5	18.0	20.5	16.5	18.0	20.0	18.5	19.0	---	---	---
3	18.5	18.0	18.0	17.5	15.5	16.5	19.5	17.0	18.5	26.0	24.0	24.5
4	19.0	17.5	18.0	15.5	12.5	14.0	18.5	16.5	17.5	27.0	23.5	24.5
5	20.0	17.0	18.0	15.0	11.5	13.0	19.0	17.5	18.5	26.5	23.5	24.5
6	17.0	14.5	16.5	17.5	12.5	14.5	19.5	18.0	19.0	26.5	24.0	24.5
7	16.5	12.5	14.0	18.0	15.0	16.5	19.5	18.5	19.0	26.5	24.0	24.5
8	17.0	12.5	14.5	18.0	15.0	16.0	19.5	19.0	19.0	---	---	---
9	16.0	13.5	14.5	16.5	15.0	15.5	19.5	19.0	19.0	---	---	---
10	15.5	13.0	14.0	18.5	16.0	17.0	20.0	19.5	19.5	25.5	23.5	24.5
11	17.5	14.0	15.5	20.0	18.0	19.0	19.5	19.5	19.5	26.5	23.5	24.5
12	17.0	14.5	15.5	---	---	---	19.5	18.0	19.0	---	---	---
13	17.0	13.5	15.0	---	---	---	19.0	18.5	18.5	---	---	---
14	17.5	13.5	15.0	---	---	---	18.5	17.0	17.5	24.5	24.0	24.0
15	18.0	14.0	16.0	---	---	---	19.0	16.5	17.5	25.5	23.5	24.0
16	18.5	16.5	17.0	---	---	---	19.5	18.0	18.5	25.0	23.0	24.0
17	18.0	15.5	17.0	---	---	---	20.0	19.0	19.5	26.0	23.0	24.5
18	18.5	17.0	17.5	---	---	---	20.0	19.0	19.5	26.0	23.5	25.0
19	17.5	15.5	16.0	---	---	---	20.5	18.5	20.0	26.5	24.5	25.5
20	17.5	14.5	15.5	19.0	18.0	18.0	20.5	19.5	20.0	28.5	25.5	26.0
21	---	---	---	19.0	17.5	18.0	---	---	---	27.0	26.0	26.5
22	---	---	---	19.5	18.5	19.0	---	---	---	27.5	26.0	27.0
23	---	---	---	20.5	19.0	19.5	---	---	---	28.0	25.5	26.5
24	16.0	13.5	14.5	21.5	20.0	21.0	---	---	---	28.5	23.0	26.5
25	18.0	12.5	15.0	21.0	19.5	20.5	25.5	21.0	22.5	30.0	26.0	27.5
26	18.0	14.0	16.0	20.5	19.5	20.0	26.5	21.5	23.5	---	---	---
27	19.0	14.5	16.5	20.5	19.0	20.0	27.0	22.0	24.0	---	---	---
28	19.5	15.5	17.0	21.5	20.5	21.0	27.0	23.0	24.5	---	---	---
29	---	---	---	22.0	20.5	21.5	---	---	---	---	---	---
30	---	---	---	20.5	18.5	19.5	---	---	---	---	---	---
31	---	---	---	18.5	17.5	18.0	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	28.5	26.0	27.0	27.0	26.0	26.5	26.5	25.0	25.5
2	---	---	---	31.0	27.0	28.5	---	---	---	27.0	25.5	26.5
3	---	---	---	31.0	27.0	28.5	---	---	---	27.5	26.5	27.0
4	27.5	25.5	26.5	32.0	27.0	29.5	---	---	---	27.5	26.0	27.0
5	27.0	25.5	26.0	34.0	29.0	31.5	---	---	---	27.0	25.5	26.0
6	28.5	25.0	26.0	35.0	30.5	33.0	---	---	---	27.0	26.0	26.5
7	---	---	---	---	30.5	33.0	---	---	---	27.0	26.5	27.0
8	---	---	---	---	30.0	32.5	---	---	---	27.5	26.0	27.0
9	---	---	---	33.0	30.0	31.5	---	---	---	27.0	26.5	27.0
10	27.0	24.5	25.5	32.0	29.5	30.5	---	---	---	28.0	27.0	27.0
11	---	---	---	29.0	27.5	26.5	---	---	---	---	---	---
12	---	---	---	31.0	26.5	28.5	---	---	---	---	---	---
13	---	---	---	31.0	27.5	29.0	---	---	---	---	---	---
14	---	---	---	30.5	28.0	29.0	---	---	---	---	---	---
15	---	---	---	32.0	28.0	29.5	---	---	---	---	---	---
16	---	---	---	31.5	23.0	28.0	---	---	---	---	---	---
17	---	---	---	28.5	26.5	27.5	---	---	---	26.5	26.0	26.5
18	---	---	---	29.0	27.0	28.0	---	---	---	26.5	25.0	26.0
19	---	---	---	28.5	25.5	27.5	---	---	---	27.5	26.0	26.5
20	---	---	---	29.0	26.5	27.5	---	---	---	---	---	---
21	---	---	---	30.0	27.5	28.5	30.5	28.0	29.5	---	---	---
22	---	---	---	29.5	28.0	29.0	30.0	28.0	29.5	---	---	---
23	---	---	---	30.0	28.0	29.0	29.5	28.0	29.0	---	---	---
24	---	---	---	29.5	28.5	29.0	29.0	27.5	28.5	---	---	---
25	27.5	26.0	26.5	29.0	28.0	28.5	28.5	27.0	28.5	---	---	---
26	27.5	24.0	26.0	29.5	27.5	28.0	---	---	---	---	---	---
27	29.0	25.0	26.5	31.0	28.0	29.0	---	---	---	---	---	---
28	28.0	25.0	26.0	---	---	---	---	---	---	---	---	---
29	27.5	25.0	26.0	---	---	---	---	---	---	---	---	---
30	29.0	26.0	27.0	---	---	---	24.5	23.0	23.5	---	---	---
31	---	---	---	---	---	---	25.5	24.0	25.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07385750 BAYOU TECHE NEAR OLIVIER, LA.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.5	2.2	3.0	1.5	1.1	1.3	---	---	---	0.0	0.0	0.0
2	4.1	2.3	3.8	1.7	1.4	1.5	---	---	---	1.0	0.0	0.3
3	4.1	3.6	3.9	4.4	1.4	2.6	---	---	---	1.3	0.4	1.1
4	5.4	1.0	3.5	6.3	1.3	3.9	---	---	---	1.2	0.3	0.8
5	6.9	5.2	6.0	1.4	0.4	0.9	---	---	---	2.3	0.9	1.4
6	6.7	1.0	5.3	8.7	0.3	2.6	---	---	---	---	---	---
7	6.7	0.6	5.2	6.1	0.8	2.4	---	---	---	---	---	---
8	5.1	4.3	4.6	0.7	0.0	0.4	---	---	---	---	---	---
9	5.9	4.2	4.7	0.4	0.0	0.1	---	---	---	---	---	---
10	6.5	5.0	5.4	---	---	---	---	---	---	---	---	---
11	6.7	5.3	5.5	---	---	---	---	---	---	---	---	---
12	6.6	4.3	5.9	---	---	---	---	---	---	---	---	---
13	6.9	5.5	6.1	---	---	---	0.9	0.1	0.4	---	---	---
14	6.5	4.8	5.7	---	---	---	---	---	---	---	---	---
15	5.3	2.4	3.7	4.8	2.9	3.5	---	---	---	---	---	---
16	3.6	2.1	2.6	2.9	0.1	1.1	---	---	---	---	---	---
17	3.7	2.1	2.7	0.1	0.0	0.0	---	---	---	---	---	---
18	3.5	1.4	2.1	0.0	0.0	0.0	1.8	0.1	0.6	---	---	---
19	2.5	1.2	1.8	0.0	0.0	0.0	0.2	0.1	0.1	---	---	---
20	2.2	1.8	1.9	1.3	0.0	0.5	0.3	0.1	0.2	---	---	---
21	0.3	0.3	0.3	0.9	0.1	0.5	0.1	0.1	0.1	9.9	1.5	7.0
22	---	---	---	0.1	0.0	0.0	0.1	0.1	0.1	10.0	9.6	9.9
23	---	---	---	0.0	0.0	0.0	0.1	0.0	0.0	9.9	9.1	9.6
24	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	9.7	7.9	9.4
25	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	9.4	6.2	8.2
26	---	---	---	0.0	0.0	0.0	0.1	0.0	0.0	7.4	6.7	7.1
27	---	---	---	---	---	---	0.1	0.0	0.1	7.2	6.3	6.7
28	---	---	---	---	---	---	0.0	0.0	0.0	7.9	6.2	7.2
29	---	---	---	---	---	---	0.0	0.0	0.0	6.2	4.9	7.0
30	2.0	1.5	1.7	---	---	---	0.0	0.0	0.0	---	4.1	5.5
31	1.6	1.0	1.3	---	---	---	0.0	0.0	0.0	4.8	4.0	4.6
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.2	3.4	3.7	5.8	5.2	5.4	5.8	4.9	5.3	---	---	---
2	3.5	1.3	2.9	5.3	4.3	4.8	5.1	4.3	4.7	---	---	---
3	2.8	1.1	2.6	5.9	4.3	4.9	8.4	3.1	6.7	4.8	4.6	4.7
4	2.6	0.6	1.9	6.7	4.6	5.5	8.6	2.3	7.3	4.6	4.4	4.5
5	1.4	0.8	1.1	6.0	3.9	4.9	9.1	7.4	8.1	4.5	4.3	4.4
6	2.1	1.0	1.4	5.6	4.6	5.1	7.7	7.0	7.4	4.5	4.3	4.4
7	8.4	1.7	4.7	7.6	4.2	6.0	7.2	6.7	7.0	4.4	4.3	4.4
8	8.3	1.9	5.9	7.2	6.3	6.8	8.3	4.1	6.8	---	---	---
9	8.2	4.7	6.7	6.9	4.4	6.1	7.2	5.5	6.3	---	---	---
10	6.3	4.6	5.4	5.9	4.7	5.4	7.5	3.7	5.1	3.7	3.6	3.7
11	6.2	4.8	5.8	5.2	4.2	4.6	7.8	4.1	5.2	3.7	3.4	3.6
12	6.3	4.7	5.7	---	---	---	8.0	4.0	5.3	---	---	---
13	8.0	3.7	6.3	---	---	---	8.2	5.9	7.0	---	---	---
14	7.4	5.6	6.7	---	---	---	9.6	5.5	8.0	4.5	4.3	4.4
15	7.1	6.4	6.7	---	---	---	9.8	9.6	9.6	4.4	3.9	4.2
16	6.9	5.7	6.5	---	---	---	9.8	9.8	9.8	4.1	3.8	4.0
17	6.6	5.4	6.0	---	---	---	8.7	5.0	7.3	4.1	3.6	3.8
18	5.7	3.8	4.8	---	---	---	5.0	4.3	4.8	4.2	3.6	3.8
19	3.6	2.4	3.1	---	---	---	4.6	4.3	4.4	4.1	3.6	3.9
20	2.6	0.7	1.7	6.3	6.0	6.2	4.7	4.3	4.5	4.6	3.7	4.1
21	0.9	0.0	0.3	6.5	5.9	6.2	---	---	---	4.4	3.2	3.6
22	---	---	---	6.3	5.8	6.1	---	---	---	4.0	3.1	3.6
23	---	---	---	6.1	5.8	6.0	---	---	---	4.0	3.8	3.9
24	8.1	1.5	5.6	6.2	5.0	5.5	---	---	---	3.8	3.6	3.7
25	8.0	2.3	5.8	5.2	3.6	4.6	4.5	4.3	4.4	3.6	3.2	3.4
26	9.0	6.9	7.5	4.1	3.8	3.9	4.4	4.2	4.3	---	---	---
27	8.0	6.7	7.4	7.4	1.5	5.1	4.5	4.1	4.3	---	---	---
28	7.1	5.8	6.3	7.2	6.2	6.7	4.5	4.2	4.4	---	---	---
29	---	---	---	7.6	4.1	5.4	---	---	---	---	---	---
30	---	---	---	6.0	3.4	5.3	---	---	---	---	---	---
31	---	---	---	6.3	5.7	6.1	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07385750 BAYOU TECHE NEAR OLIVIER, LA.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	2.9	2.2	2.5	4.4	3.7	4.0	3.1	2.2	2.7
2	---	---	---	2.9	2.5	2.6	---	---	---	3.1	2.2	2.7
3	---	---	---	2.7	2.3	2.6	---	---	---	3.1	1.9	2.4
4	3.3	3.2	3.3	2.7	2.2	2.3	---	---	---	3.8	2.1	2.9
5	3.8	3.3	3.6	2.3	2.0	2.2	---	---	---	3.6	3.0	3.3
6	3.8	3.5	3.6	2.2	2.0	2.0	---	---	---	3.5	2.6	3.0
7	---	---	---	2.3	1.9	2.0	---	---	---	3.3	2.6	2.9
8	---	---	---	2.4	1.8	2.1	---	---	---	3.4	2.8	3.1
9	3.3	2.6	3.1	5.3	2.3	2.3	---	---	---	3.4	2.9	3.2
10	3.4	3.0	3.1	5.5	3.4	4.7	---	---	---	3.3	3.0	3.1
11	---	1.5	5.7	6.9	3.8	5.6	---	---	---	---	---	---
12	---	7.7	9.0	6.5	3.4	5.4	---	---	---	---	---	---
13	8.0	3.2	5.6	4.8	3.7	4.1	---	---	---	---	---	---
14	3.3	3.1	3.2	3.8	1.2	2.9	---	---	---	---	---	---
15	3.1	2.1	3.0	2.7	1.5	1.6	---	---	---	---	---	---
16	---	---	---	3.6	0.3	2.1	---	---	---	---	---	---
17	---	---	---	3.9	3.6	3.8	---	---	---	3.4	3.2	3.3
18	---	---	---	3.9	3.5	3.7	---	---	---	3.2	2.6	2.9
19	---	---	---	3.8	1.0	3.2	---	---	---	2.9	2.5	2.7
20	---	---	---	3.5	1.3	2.9	---	---	---	---	---	---
21	---	---	---	3.0	1.3	2.4	2.9	2.0	2.6	---	---	---
22	---	---	---	3.0	0.9	2.4	2.8	1.8	2.3	---	---	---
23	---	---	---	3.7	1.3	3.0	1.9	1.5	1.8	---	---	---
24	---	---	---	3.9	3.6	3.8	1.8	1.2	1.5	---	---	---
25	3.7	3.5	3.6	4.5	3.8	4.2	1.6	1.1	1.2	---	---	---
26	3.8	3.4	3.6	4.7	2.6	4.4	---	---	---	---	---	---
27	3.5	2.9	3.1	2.7	2.5	2.6	---	---	---	---	---	---
28	3.0	2.6	2.8	---	---	---	---	---	---	---	---	---
29	2.7	2.4	2.6	---	---	---	---	---	---	---	---	---
30	2.5	2.2	2.3	---	---	---	3.1	2.9	3.0	---	---	---
31	---	---	---	---	---	---	3.0	2.5	2.7	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA.

LOCATION.--Lat 30°09'45", long 92°03'20", Lafayette Parish, at bridge on State Highway 3073, 4.1 mi (6.6 km) downstream from Coulee Mine, 5.1 mi (8.2 km) downstream from Pinhook Bridge, and 4.8 mi (7.7 km) southwest of Central School at Lafayette.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: Ocotber 1969 to current year.
Water temperatures: October 1970 to current year.

REMARKS.--Continuous records are collected at this station. Probes are 2 ft (0.6 m) from river bottom.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)
OCT.										
09...	1130	15	70	--	23	7.3	--	4.3	94	0
NOV.										
05...	1115	9.3	--	--	16	4.6	43	6.0	65	0
DEC.										
03...	0930	14	--	--	17	6.0	25	4.6	78	0
JAN.										
20...	1345	7.2	290	57	11	3.0	13	2.6	39	0
FEB.										
12...	1015	12	--	--	17	5.9	28	2.8	63	0
MAR.										
11...	1630	8.5	--	--	13	5.0	19	2.6	62	0
APR.										
03...	1430	8.7	150	80	15	5.4	15	2.2	67	0
MAY										
08...	1158	6.0	--	--	15	3.2	10	3.6	56	0
JUNE										
04...	1545	7.4	--	--	10	2.8	9.3	2.8	41	0
JULY										
18...	0945	6.0	120	220	7.5	2.2	7.3	2.8	34	0
AUG.										
14...	1745	9.1	--	--	12	3.2	10	3.1	51	0
SEP.										
10...	1000	7.8	--	--	7.2	2.5	7.9	3.9	39	0

DATE	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
09...	77	12	86	.2	.34	.05	.50	294	--	88
NOV.										
05...	53	12	68	.3	--	--	--	210	191	59
DEC.										
03...	64	15	34	.6	--	--	--	--	155	67
JAN.										
20...	32	5.2	19	.2	.09	.03	.33	90	81	40
FEB.										
12...	52	12	41	.1	--	--	--	160	150	67
MAR.										
11...	51	9.6	29	.4	--	--	--	123	118	53
APR.										
03...	55	5.8	28	.2	.37	.05	.39	116	114	50
MAY										
08...	46	6.0	15	.2	--	--	--	107	87	51
JUNE										
04...	34	5.9	14	.1	--	--	--	79	73	37
JULY										
18...	28	3.1	10	.1	.09	.02	.32	60	56	28
AUG.										
14...	42	5.3	14	.2	--	--	--	108	82	43
SEP.										
10...	32	4.4	10	.2	--	--	--	69	63	28

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 09...	10	376	7.4	23.0	40	20	2.9	2.1	750	100
NOV. 05...	6	381	7.0	22.0	80	20	1.3	1.3	30000	7300
DEC. 03...	3	276	7.1	10.0	80	45	5.8	--	1500	160
JAN. 20...	8	134	6.9	13.0	100	45	6.6	2.6	11000	2800
FEB. 12...	15	285	7.0	16.0	100	45	5.8	4.6	9000	3700
MAR. 11...	2	217	7.2	18.0	75	45	7.1	4.7	1500	75
APR. 03...	5	194	7.2	19.0	50	55	6.1	2.3	1000	400
MAY 08...	5	171	6.9	23.0	--	65	3.8	3.6	25000	6000
JUNE 04...	3	126	6.9	25.5	60	75	2.6	1.0	8400	1600
JULY 18...	0	99	7.1	27.0	55	35	3.2	.8	4300	350
AUG. 14...	1	146	6.9	29.0	90	30	1.7	1.3	11000	1300
SEP. 10...	0	110	6.9	--	70	75	4.3	2.3	3800	4600

DATE	TOTAL ORGANIC CARBON (C) (MG/L)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)
OCT. 09...	12	.0	--	.00	.0	<.01	.00	.00	.05	<.01	.00
JAN. 20...	--	.0	0	.00	.0	.00	.00	.00	.01	.00	.00
APR. 03...	12	--	0	.00	.0	.00	.00	.00	.02	.00	.00
MAY 08...	--	.0	--	--	--	--	--	--	--	--	--
JULY 18...	--	.0	6	.00	.0	.01	.00	<.01	.03	.01	.00

DATE	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)
OCT. 09...	.00	.00	.00	.00	.00	.00	.00	.00	.0	0
JAN. 20...	.00	.00	.00	.00	.00	.00	.00	.00	.0	0
APR. 03...	.00	.00	.00	.00	.00	.00	.00	.00	.0	0
MAY 08...	--	--	--	--	--	--	--	--	--	--
JULY 18...	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 09...	.00	.05	.01	.01	3	0	7	1	.3	20
JAN. 20...	.00	.05	.01	.00	2	1	5	0	.0	10
APR. 03...	.00	.07	.00	.03	2	0	7	0	.1	5
MAY 08...	--	--	--	--	--	--	--	--	--	--
JULY 18...	.00	.22	.06	.03	3	2	10	4	.2	20

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	278	187	224	220	160	191	360	210	243	265	160	204
2	255	219	227	250	195	224	260	205	221	215	165	188
3	268	227	238	355	220	245	355	225	263	210	160	176
4	291	255	269	385	305	349	340	215	264	220	150	178
5	304	262	278	405	270	336	245	215	228	185	150	162
6	302	254	280	760	225	472	---	---	---	195	160	178
7	310	267	282	475	190	284	---	---	---	215	100	157
8	394	292	316	535	250	389	---	---	---	125	85	107
9	452	376	402	395	160	280	---	---	---	115	80	101
10	434	357	399	205	160	175	---	---	---	105	80	97
11	438	383	418	210	145	187	155	125	140	105	70	87
12	448	398	423	310	190	239	160	120	138	105	80	91
13	441	401	423	230	220	224	155	135	149	100	80	89
14	524	410	439	305	220	261	190	145	167	95	80	84
15	454	391	424	265	220	238	185	100	131	110	90	103
16	545	423	463	275	230	250	140	100	115	110	100	105
17	491	427	452	295	220	257	115	105	111	120	100	109
18	542	437	491	345	145	223	160	115	139	165	105	124
19	495	440	461	220	160	185	165	135	155	155	100	119
20	490	450	465	205	145	171	200	125	154	125	100	113
21	495	460	475	155	105	125	215	125	168	125	105	115
22	545	495	510	155	105	127	175	125	147	165	115	136
23	580	460	524	155	120	144	195	135	165	155	130	146
24	515	460	480	165	150	157	220	200	211	165	135	151
25	515	475	494	235	145	173	220	125	178	275	150	195
26	560	510	538	250	205	216	270	125	181	220	165	199
27	630	535	578	295	205	238	200	150	169	220	205	216
28	660	580	613	290	215	239	215	155	180	220	155	182
29	670	365	582	255	215	231	220	160	195	255	160	201
30	1110	375	592	320	210	234	220	165	196	225	160	196
31	395	125	221	---	---	---	250	160	200	210	190	200
MONTH	1110	125	419	760	105	235				275	70	145

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	220	185	209	320	245	271	200	170	191	---	---	---
2	215	195	204	290	245	263	220	190	211	105	90	99
3	290	190	225	295	245	273	210	170	191	140	100	108
4	220	165	187	355	225	281	285	190	217	165	100	115
5	210	170	193	535	215	276	285	215	231	140	105	118
6	225	165	204	305	245	281	250	215	227	155	110	131
7	550	170	346	280	215	272	285	215	243	220	125	171
8	545	350	432	245	215	220	350	230	252	290	155	201
9	350	255	285	240	215	222	390	270	301	285	85	174
10	315	255	277	275	220	241	385	280	331	165	70	106
11	390	285	318	270	230	246	285	220	256	105	70	88
12	345	260	288	340	245	283	235	170	207	130	80	98
13	360	280	326	270	245	256	220	160	194	185	100	113
14	405	280	319	358	258	289	220	115	173	185	85	118
15	390	250	289	301	271	284	225	115	138	155	70	98
16	365	280	313	284	260	273	115	95	105	105	65	83
17	360	290	321	277	238	250	110	100	106	110	65	91
18	365	295	329	319	198	236	---	---	---	115	80	95
19	390	275	316	331	206	240	---	---	---	120	75	97
20	285	255	273	215	134	168	---	---	---	120	80	100
21	295	265	282	155	135	148	---	---	---	135	80	100
22	345	275	303	160	130	145	---	---	---	150	85	101
23	310	265	280	250	130	180	---	---	---	130	85	106
24	360	235	270	250	145	183	---	---	---	140	105	115
25	250	220	236	210	120	152	260	125	191	130	80	100
26	255	215	240	155	145	153	220	150	181	150	90	115
27	265	220	249	220	150	191	235	160	193	135	85	105
28	310	235	273	225	200	216	290	185	226	200	85	112
29	---	---	---	280	200	226	290	75	168	375	135	235
30	---	---	---	215	170	192	115	80	97	305	95	170
31	---	---	---	205	170	192	---	---	---	120	95	108
MONTH	550	165	278	535	120	229	---	---	---	375	65	119

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	120	80	99	185	125	155	130	100	111	200	135	164
2	170	95	117	300	130	194	155	110	123	190	130	158
3	165	110	129	200	125	139	115	95	105	200	150	168
4	195	115	145	160	130	154	120	95	106	200	155	173
5	185	115	126	155	140	148	120	105	110	230	115	173
6	195	130	154	160	150	157	130	110	118	235	115	152
7	170	150	158	160	145	154	140	120	84	175	115	135
8	255	160	184	165	150	157	150	120	122	180	120	146
9	220	195	206	190	150	164	155	135	145	180	135	157
10	260	195	221	250	150	172	155	125	139	160	105	127
11	285	200	229	220	115	145	160	145	152	140	110	115
12	260	215	228	120	100	109	220	145	161	140	110	120
13	235	135	184	115	100	109	155	120	143	150	125	134
14	145	120	129	155	110	127	175	125	144	210	125	158
15	---	---	---	195	150	173	185	115	142	220	145	165
16	---	---	---	215	90	154	200	125	157	185	155	170
17	---	---	---	100	90	98	225	155	175	200	145	169
18	---	---	---	100	90	95	190	120	154	200	150	169
19	---	---	---	115	95	103	200	155	170	230	155	186
20	---	---	---	160	95	113	210	125	159	240	195	215
21	---	---	---	105	90	100	195	120	154	210	160	188
22	---	---	---	105	90	101	180	125	151	280	160	215
23	---	---	---	110	100	102	210	150	169	215	155	179
24	165	155	160	105	100	104	210	150	174	215	160	184
25	220	160	185	155	100	112	280	125	181	255	195	215
26	225	150	168	130	100	108	230	125	168	300	210	238
27	160	135	150	105	90	101	165	115	140	285	220	239
28	160	150	156	110	90	101	190	115	138	260	165	215
29	195	160	165	110	100	104	185	125	149	250	170	205
30	215	125	173	165	100	115	205	130	165	220	195	210
31	---	---	---	150	100	111	215	125	159	---	---	---
MONTH	---	---	---	300	90	128	280	95	144	300	105	175

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.0	23.5	25.0	23.0	21.5	22.5	12.0	9.5	11.0	18.5	17.0	17.5
2	26.0	24.0	25.0	23.5	21.5	22.5	11.0	9.0	10.0	17.5	16.5	17.0
3	25.0	23.0	24.0	23.5	22.0	23.0	11.0	8.5	9.5	17.0	16.0	16.5
4	24.5	22.0	23.0	23.0	22.0	22.5	10.5	8.0	9.5	16.5	14.0	15.5
5	23.5	22.0	23.0	22.0	20.5	21.5	10.5	9.0	9.5	15.0	13.0	14.0
6	24.0	21.5	22.5	21.0	19.5	20.5	---	---	---	15.0	12.5	14.5
7	23.5	21.5	23.0	19.0	17.5	18.0	---	---	---	17.5	13.5	16.5
8	24.0	21.5	23.0	17.5	13.5	15.5	---	---	---	17.5	16.5	17.5
9	23.5	22.0	22.5	15.5	14.0	14.5	---	---	---	20.0	17.0	18.5
10	25.0	21.5	23.0	15.0	14.0	14.5	---	---	---	20.5	19.0	19.5
11	25.0	22.5	23.5	17.0	14.5	15.5	12.0	11.0	11.5	19.5	18.0	19.0
12	25.5	23.0	24.0	17.0	15.0	16.0	12.0	10.5	11.0	18.5	15.5	16.5
13	25.0	23.0	24.0	17.0	14.0	15.5	12.5	10.0	11.5	14.5	12.0	13.0
14	25.5	23.0	24.5	17.0	15.0	16.0	12.5	10.5	11.5	12.0	10.0	11.0
15	24.5	22.0	23.5	15.5	13.5	14.5	15.0	12.0	13.5	10.5	8.0	9.5
16	23.0	20.5	22.0	15.5	14.0	14.5	13.5	11.5	13.0	11.0	9.5	10.0
17	23.0	20.0	21.5	16.5	14.0	15.0	12.5	11.0	11.5	12.0	10.0	11.0
18	22.5	20.5	21.5	17.5	15.5	16.0	11.5	9.5	11.0	13.0	10.5	11.5
19	23.0	20.5	22.0	19.0	16.5	17.5	12.5	10.5	11.5	13.5	11.5	12.5
20	23.0	20.5	21.5	20.5	18.5	19.5	13.5	11.5	12.5	12.5	11.0	11.5
21	22.5	20.5	21.0	20.5	17.5	19.0	13.0	11.0	11.5	12.0	10.5	11.5
22	21.5	20.5	21.0	19.0	17.0	18.0	13.0	10.5	12.0	12.5	11.5	12.0
23	22.0	20.5	21.0	18.5	16.5	17.5	14.0	11.5	13.0	13.5	12.5	13.0
24	22.5	20.5	21.0	18.0	17.0	17.5	15.5	13.5	14.5	14.0	13.0	13.5
25	21.5	20.5	21.0	17.0	15.5	16.0	16.0	14.5	15.5	16.0	13.5	15.0
26	22.0	20.0	21.0	16.0	13.5	15.0	14.5	13.5	14.0	18.0	14.5	16.5
27	22.0	20.5	21.5	16.0	13.0	14.5	15.0	14.0	14.5	20.5	17.5	19.0
28	22.0	21.0	21.5	15.0	13.5	14.0	16.0	14.0	15.0	21.5	19.0	21.0
29	23.0	21.0	21.5	15.0	13.5	14.5	17.5	15.5	16.5	18.5	16.0	17.0
30	23.0	21.5	22.5	14.0	12.0	13.0	18.5	16.0	17.0	19.0	16.5	18.0
31	22.5	21.0	22.0	---	---	---	19.0	17.0	18.0	20.0	17.5	18.5
MONTH	26.0	20.0	22.5	23.5	12.0	17.0				21.5	8.0	15.1

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.5	17.5	19.0	18.0	16.0	17.0	18.0	16.0	17.0	---	---	---
2	20.5	19.0	20.0	17.5	16.5	17.0	19.5	18.0	18.5	22.5	21.0	21.5
3	20.0	19.0	19.5	16.5	14.5	15.5	19.0	16.5	18.0	23.0	21.0	22.0
4	19.0	17.5	18.5	14.5	10.0	12.5	18.5	15.5	17.5	22.5	21.5	22.0
5	19.5	17.0	18.5	12.0	10.0	11.0	19.0	16.5	18.0	23.0	21.0	22.0
6	18.0	15.0	17.0	13.0	10.0	11.5	19.5	17.0	18.5	23.5	22.5	23.0
7	16.0	13.0	14.0	14.0	12.5	13.0	19.5	17.5	18.5	23.5	22.5	23.0
8	15.5	13.0	14.5	16.0	14.0	15.0	19.5	18.0	18.5	23.5	21.5	22.0
9	15.5	13.0	14.5	14.0	13.0	14.0	20.5	18.5	19.5	23.0	21.5	22.0
10	14.5	12.5	13.5	15.5	13.5	14.5	21.0	19.0	20.0	23.0	21.5	22.5
11	16.0	13.5	15.0	17.0	14.0	15.5	20.5	19.0	20.0	23.5	21.5	22.5
12	16.0	14.0	15.5	18.5	16.0	17.5	21.0	19.0	20.0	24.5	23.0	23.5
13	14.0	13.5	13.5	19.0	17.0	18.0	20.0	19.0	19.5	25.0	23.0	23.5
14	16.5	13.0	14.5	18.0	16.0	17.0	19.5	17.0	18.5	23.5	23.0	23.0
15	17.5	15.0	16.0	18.0	16.0	17.0	20.0	17.5	18.5	23.0	22.0	22.5
16	18.5	16.5	17.5	19.0	16.0	17.5	21.0	17.5	19.0	23.5	22.0	23.0
17	18.5	16.5	17.5	19.0	18.0	18.5	20.5	19.0	20.0	23.5	22.0	22.5
18	20.0	18.0	19.0	19.0	17.0	18.0	---	---	---	23.5	21.5	22.5
19	19.5	17.5	19.0	20.5	18.0	19.0	---	---	---	24.0	22.0	23.0
20	18.5	17.5	18.0	19.0	17.5	18.5	---	---	---	24.0	22.5	23.5
21	19.5	17.0	18.0	18.0	15.5	16.5	---	---	---	25.0	23.0	24.0
22	21.5	18.5	19.5	18.5	16.5	17.5	---	---	---	26.0	23.5	25.0
23	20.5	16.5	19.5	19.5	17.5	18.5	---	---	---	26.0	24.0	25.0
24	14.5	12.5	13.5	21.5	18.5	20.5	---	---	---	27.0	24.0	25.5
25	14.5	11.0	13.0	21.5	19.0	20.5	23.0	22.5	23.0	27.5	25.0	26.5
26	15.5	12.5	14.0	20.5	19.0	20.0	25.0	22.5	23.5	28.0	25.5	27.0
27	16.5	13.5	15.0	22.5	20.0	21.5	25.5	23.0	24.0	29.0	26.0	27.5
28	17.5	15.5	16.5	22.0	20.5	21.5	26.0	23.5	24.5	27.5	25.0	26.0
29	---	---	---	22.0	19.5	21.0	24.0	22.5	23.5	27.0	25.0	26.0
30	---	---	---	19.5	17.5	18.0	23.0	21.5	22.0	25.5	21.5	23.0
31	---	---	---	17.0	16.0	17.0	---	---	---	24.0	22.0	23.0
MONTH	21.5	11.0	16.5	22.5	10.0	17.0	---	---	---	29.0	21.0	23.5

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	22.0	23.0	26.0	24.5	25.5	27.0	26.0	26.5	30.5	29.0	30.0
2	24.5	23.0	24.0	26.0	24.5	25.5	27.0	25.5	26.5	31.0	27.0	29.5
3	25.0	23.0	24.0	26.5	24.0	25.5	28.5	26.0	27.0	30.5	29.5	30.0
4	26.0	23.5	25.0	27.0	25.0	26.0	28.0	26.5	27.5	29.5	28.5	29.0
5	27.0	24.5	26.0	27.5	25.5	26.5	27.5	26.0	27.0	29.0	25.0	28.0
6	27.5	25.0	26.5	28.0	26.0	27.0	27.5	24.5	26.5	28.0	25.5	27.0
7	28.0	25.5	27.0	29.0	26.5	28.0	25.5	24.0	24.5	28.0	26.5	27.0
8	28.5	27.5	28.0	29.5	27.0	28.5	26.5	24.5	25.5	28.0	26.0	27.0
9	28.5	27.5	28.0	---	---	---	25.0	24.0	24.5	27.5	26.0	26.5
10	28.5	27.5	28.0	---	---	---	24.5	23.0	23.5	27.5	22.5	25.0
11	28.0	26.5	27.5	---	---	---	24.5	23.0	24.0	26.5	25.0	26.0
12	29.0	26.0	28.0	---	---	---	26.0	23.5	25.0	27.0	26.0	26.5
13	29.5	27.5	28.5	---	---	---	27.0	24.5	26.0	26.5	25.5	26.0
14	29.0	27.5	28.0	---	---	---	27.5	24.5	26.5	26.0	24.5	25.5
15	---	---	---	---	---	---	27.0	25.5	26.5	26.0	24.0	25.0
16	---	---	---	---	---	---	28.5	26.0	27.0	26.0	25.0	25.0
17	---	---	---	27.0	25.0	26.0	28.5	25.5	27.5	26.5	25.0	25.5
18	---	---	---	28.0	25.0	26.5	29.5	26.0	27.5	27.5	25.0	26.0
19	---	---	---	27.0	25.5	26.5	30.0	27.0	28.5	27.5	25.5	26.5
20	---	---	---	28.5	25.5	27.0	30.5	27.5	29.0	27.5	25.5	26.5
21	---	---	---	29.5	24.5	28.0	31.0	28.0	29.0	27.0	25.5	26.5
22	---	---	---	29.0	27.0	28.0	29.0	27.5	28.5	26.5	23.5	24.5
23	---	---	---	29.0	27.0	28.0	28.0	26.0	27.0	23.5	21.5	23.0
24	28.0	27.0	28.0	30.5	26.0	29.0	28.0	26.0	27.0	23.5	21.5	22.5
25	28.5	26.5	27.5	29.0	26.5	27.5	27.0	25.5	26.5	23.5	22.5	23.0
26	27.5	25.0	26.5	29.5	27.0	28.0	26.0	24.0	25.0	23.0	21.5	22.5
27	27.0	25.0	26.0	30.0	27.5	29.0	26.0	24.0	25.0	24.0	21.0	22.0
28	27.5	26.0	26.5	30.5	28.5	29.5	26.5	24.5	26.0	23.5	21.0	22.0
29	28.0	26.0	27.0	30.5	28.5	29.5	28.5	25.5	27.0	24.5	21.0	22.5
30	28.5	25.0	27.0	29.5	26.0	28.0	30.5	27.5	29.0	23.0	21.5	22.5
31	---	---	---	28.0	25.5	27.0	30.0	28.0	29.0	---	---	---
MONTH	---	---	---	---	---	---	31.0	23.0	26.5	31.0	21.0	25.5

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.4	0.7	1.1	2.7	1.8	2.3	10.1	9.2	9.7	---	---	---
2	1.9	0.7	1.8	2.5	2.0	2.2	9.6	6.9	8.8	---	---	---
3	2.0	1.7	1.8	1.9	1.0	1.5	8.8	5.8	7.4	4.9	3.3	4.3
4	2.0	1.6	1.8	1.4	0.7	1.0	10.4	8.5	9.5	6.9	4.2	5.7
5	2.1	1.6	1.8	2.6	0.8	1.4	10.3	7.1	9.2	8.2	6.9	7.5
6	2.1	1.7	1.8	2.6	1.0	2.1	---	---	---	8.1	6.9	7.6
7	1.9	1.6	1.8	1.4	0.9	1.2	---	---	---	---	---	---
8	2.3	1.6	1.9	4.4	1.2	2.2	---	---	---	---	---	---
9	1.8	1.6	1.8	5.5	3.1	4.1	---	---	---	---	---	---
10	2.7	1.6	2.0	4.7	4.0	4.4	---	---	---	---	---	---
11	2.2	1.5	2.0	4.4	1.6	2.9	6.9	5.2	6.0	---	---	---
12	3.3	1.4	2.0	2.2	1.7	1.9	8.9	5.8	7.9	---	---	---
13	2.4	1.4	1.8	1.8	1.2	1.4	7.8	3.7	6.0	---	---	---
14	3.4	1.4	2.1	3.4	1.0	2.0	3.8	2.8	3.2	---	---	---
15	2.5	1.3	1.8	3.6	3.1	3.3	7.0	4.7	5.9	4.3	2.9	3.5
16	2.5	1.2	1.5	3.6	2.9	3.2	---	---	---	3.0	1.9	2.6
17	1.7	1.4	1.5	3.1	2.8	2.9	---	---	---	1.9	0.1	0.9
18	2.6	1.4	1.8	5.4	2.8	4.0	---	---	---	2.5	0.1	0.9
19	2.6	1.3	1.7	5.5	3.6	4.4	6.4	5.7	6.1	1.3	0.1	0.6
20	3.2	1.3	1.9	7.2	3.3	5.5	7.5	5.8	6.4	6.2	0.8	3.3
21	3.7	1.3	1.9	7.8	5.8	6.8	8.1	7.4	7.8	7.6	6.2	6.8
22	3.2	1.3	1.6	6.2	5.4	5.9	8.1	7.2	7.8	6.9	5.6	6.4
23	2.5	1.4	1.9	6.0	5.6	5.8	8.1	6.3	7.5	7.0	5.8	6.5
24	2.4	1.4	1.8	5.3	4.8	5.0	6.0	3.5	5.1	9.2	7.1	8.2
25	2.1	1.3	1.6	5.6	4.9	5.2	7.0	3.3	4.9	9.7	8.4	9.2
26	1.9	1.3	1.4	5.0	3.3	4.0	7.8	5.6	6.8	11.1	9.1	10.2
27	2.2	1.4	1.7	5.4	4.7	5.1	6.2	5.8	6.1	10.0	7.8	9.5
28	6.4	1.7	3.3	4.8	1.9	3.6	6.1	3.6	4.9	---	---	---
29	6.5	2.6	4.7	7.2	3.0	5.0	---	2.4	3.4	---	---	---
30	6.9	1.0	3.7	8.1	4.9	7.3	2.3	---	---	---	---	---
31	6.9	2.2	3.9	---	---	---	---	---	---	---	---	---
MONTH	6.9	0.7	2.0	8.1	0.7	3.6	---	---	---	---	---	---

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	11.8	7.5	9.9	---	---	---
2	---	---	---	---	---	---	11.8	9.4	10.6	3.2	1.8	2.8
3	---	---	---	---	---	---	9.8	6.1	8.0	3.2	1.6	2.6
4	---	---	---	---	---	---	8.5	6.3	7.5	2.5	1.1	1.7
5	---	---	---	---	---	---	8.7	6.1	7.5	2.1	0.5	1.2
6	---	---	---	---	---	---	9.2	7.5	8.4	---	---	---
7	---	---	---	7.0	6.0	6.6	9.2	6.5	8.0	---	---	---
8	4.1	1.9	3.2	7.5	6.3	7.1	6.2	2.1	5.2	---	---	---
9	8.4	2.2	5.3	9.0	6.7	7.8	5.5	1.0	3.7	---	---	---
10	9.2	7.1	8.5	8.8	8.0	8.4	6.6	0.1	5.1	---	---	---
11	7.2	3.2	5.0	8.8	6.2	7.8	2.8	0.6	2.2	8.9	6.5	8.2
12	10.9	3.7	7.2	6.5	4.5	5.8	4.0	1.7	3.0	7.9	2.4	5.5
13	11.6	7.2	10.3	8.7	3.5	6.1	3.8	2.5	3.4	6.5	2.1	4.0
14	7.1	4.2	6.0	10.3	7.6	9.3	8.5	3.4	5.8	5.2	1.3	3.0
15	7.2	2.0	5.0	10.5	9.5	10.1	7.9	3.8	5.6	4.3	1.7	2.9
16	8.1	5.6	7.0	10.7	8.4	10.1	5.7	3.4	4.7	3.4	1.7	2.6
17	---	---	---	10.4	8.1	9.0	3.4	2.9	3.2	1.9	1.1	1.5
18	---	---	---	11.8	3.0	9.2	---	---	---	2.0	1.1	1.4
19	---	---	---	10.6	5.8	8.4	---	---	---	1.5	0.0	0.5
20	---	---	---	6.8	4.6	5.9	---	---	---	0.7	0.0	0.2
21	---	---	---	4.7	3.5	4.1	---	---	---	0.6	0.0	0.2
22	---	---	---	4.0	0.4	3.1	---	---	---	1.7	0.0	0.6
23	---	---	---	3.2	0.1	2.1	---	---	---	2.1	0.6	1.3
24	---	---	---	2.6	0.1	1.0	---	---	---	2.7	0.8	1.8
25	---	---	---	1.7	0.2	0.8	4.1	1.3	2.5	3.5	0.3	1.9
26	---	---	---	---	---	---	3.1	1.5	2.3	4.0	0.0	1.5
27	---	---	---	7.5	2.9	5.3	2.9	0.7	1.8	5.3	0.0	2.0
28	---	---	---	10.1	3.2	7.8	2.8	0.5	1.7	4.3	0.0	2.4
29	---	---	---	9.0	5.8	11.0	7.7	0.3	4.1	4.7	0.0	2.5
30	---	---	---	13.0	9.2	13.5	4.1	0.2	2.5	---	---	---
31	---	---	---	14.4	12.0	13.8	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.3	6.5	9.8	5.2	0.0	2.7	4.2	3.5	3.9	1.9	0.5	0.9
2	8.4	4.7	6.6	6.3	1.0	3.7	6.0	3.6	4.6	1.9	0.5	0.8
3	4.7	2.0	3.5	5.5	4.3	4.8	3.2	2.5	2.8	1.2	0.5	0.8
4	3.7	2.0	3.0	4.9	3.2	3.9	3.3	2.4	2.8	1.7	0.5	1.1
5	2.8	1.3	1.9	3.4	2.0	2.8	3.0	1.7	2.4	2.1	0.9	1.5
6	2.2	1.0	1.6	1.9	0.9	1.6	2.5	1.2	1.7	2.4	1.1	1.9
7	2.1	0.4	1.0	1.5	0.0	0.8	2.7	0.8	1.9	2.4	0.9	1.6
8	2.5	0.3	1.4	0.3	0.0	0.1	1.8	0.0	1.0	2.3	0.9	1.6
9	2.5	0.1	1.3	1.9	0.0	0.6	1.9	0.4	1.2	2.4	0.7	1.5
10	---	---	---	1.7	0.4	0.9	2.5	0.8	1.7	2.5	1.3	2.1
11	6.5	0.2	3.3	9.1	0.2	5.3	2.4	0.9	1.6	3.3	1.4	2.4
12	2.6	0.1	1.6	7.5	2.0	4.8	2.4	1.2	1.6	2.0	0.7	1.2
13	---	---	---	4.1	3.0	3.5	2.0	0.3	1.0	1.6	0.7	1.0
14	---	---	---	3.2	1.8	2.4	2.3	0.3	0.8	1.7	0.3	0.9
15	---	---	---	1.9	0.8	1.4	5.1	0.4	1.2	1.9	0.8	1.2
16	---	---	---	2.5	0.7	1.6	1.7	0.4	0.9	1.6	0.5	1.0
17	---	---	---	2.5	1.5	2.0	2.1	0.6	0.9	---	---	---
18	---	---	---	1.7	1.1	1.4	1.2	0.2	0.7	---	---	---
19	---	---	---	4.5	1.1	2.1	1.0	0.3	0.7	---	---	---
20	---	---	---	3.5	2.1	3.0	3.6	0.3	1.6	---	---	---
21	---	---	---	3.1	1.2	2.4	2.9	1.2	1.9	---	---	---
22	---	---	---	1.9	0.5	1.6	2.8	1.1	2.0	---	---	---
23	---	---	---	2.1	1.0	1.5	2.4	1.4	1.9	---	---	---
24	3.5	0.7	2.4	3.4	0.8	2.0	2.9	1.3	2.2	---	---	---
25	2.8	0.9	1.9	4.8	2.3	3.5	3.3	1.8	2.6	---	---	---
26	4.4	1.7	3.7	3.6	2.3	3.0	6.6	2.3	3.9	---	---	---
27	4.1	3.0	3.5	3.3	2.8	3.1	6.0	1.6	3.6	---	---	---
28	5..	2.3	3.0	3.0	1.6	2.5	3.1	1.2	2.3	---	---	---
29	3.5	1.8	2.5	1.4	0.5	1.0	3.1	0.8	1.6	---	---	---
30	7.4	2.4	3.4	6.2	0.2	1.9	1.8	0.6	1.2	---	---	---
31	---	---	---	4.6	3.0	3.9	2.4	0.7	1.5	---	---	---
MONTH	---	---	---	9.1	0.0	2.4	6.6	0.0	1.9	---	---	---

07386980 VERMILION RIVER AT PERRY, LA.

LOCATION. Lat 29°57'04", long 92°09'22", Vermilion Parish, at bridge on State Highway 82 at Perry, and 2.0 mi (3.2 km) south of Abbeville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: November 1965 to September 1974.
Specific conductance: November 1965 to current year.

EXTREMES.--Current year:
Specific conductance: Maximum daily, 530 micromhos Nov. 3; minimum daily, 65 micromhos Jan. 8, 9.

Period of record:
Specific conductance (1966-77): Maximum daily, 6,200 micromhos July 11, 1972; minimum daily, 35 micromhos Dec. 7, 1971.

REMARKS.--Conductance recorder with probe 2 ft (0.6 m) from stream bottom.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	235	480	240	190	215	265	230	140	135	90	135	110
2	265	520	250	180	210	250	250	150	145	100	115	150
3	270	530	245	210	205	260	225	125	150	170	115	155
4	270	520	255	200	215	250	225	120	165	125	110	155
5	275	225	250	200	215	240	235	---	175	140	105	150
6	275	225	255	220	220	225	230	---	190	140	120	170
7	255	250	180	190	210	315	250	---	170	145	130	145
8	225	340	150	65	220	255	250	---	165	160	135	135
9	230	425	135	65	215	270	245	---	170	160	145	150
10	235	345	140	95	235	265	265	---	180	160	145	165
11	240	280	150	75	230	240	265	---	175	150	110	165
12	235	175	140	100	270	230	295	---	150	85	140	155
13	250	200	150	105	250	230	290	---	165	85	150	135
14	245	200	165	110	265	230	230	145	195	95	155	145
15	265	230	140	110	290	230	130	125	190	110	190	150
16	300	210	105	115	310	235	165	135	130	110	150	170
17	300	210	140	120	275	240	135	120	155	115	160	175
18	300	205	140	130	285	215	140	130	165	120	150	175
19	305	230	155	140	280	165	150	135	170	120	175	190
20	305	205	170	130	290	205	155	145	165	115	190	190
21	305	145	175	130	290	220	170	150	170	170	185	190
22	305	180	180	110	295	205	180	155	170	130	180	195
23	315	155	200	125	310	205	205	165	175	130	185	250
24	320	165	190	150	270	205	170	175	215	125	145	225
25	335	180	180	145	270	190	165	170	140	140	150	225
26	370	180	135	150	270	195	170	175	155	135	170	230
27	360	180	160	185	265	200	175	170	150	140	150	255
28	340	185	160	185	270	230	195	180	145	145	150	225
29	330	185	170	185	---	225	210	190	125	130	140	230
30	425	200	180	190	---	230	200	170	135	115	145	255
31	470	---	180	185	---	230	---	125	---	150	160	---
MONTH	295	259	176	145	255	231	207	---	163	129	148	181

292215091231500 ATCHAFALAYA BAY AT EUGENE ISLAND, NEAR MORGAN CITY, LA. (COE NO. 88600)

LOCATION.--Lat 29°22'15", long 91°23'15", in T.19 S., R.11 E., St. Mary Parish, 1.2 mi (1.9 km) northeast of Point Au Fer light, and 25 mi (40 km) southwest of Morgan City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
03...	0902	30	--	--	94	0	77	6.0	100	.50	.00	.50
18...	1049	20	--	--	108	0	89	52	120	.42	.01	.43
31...	1513	90	--	--	141	0	116	1800	13000	.05	.01	.06
NOV.												
13...	0922	10	--	--	113	0	93	46	69	.47	.00	.47
27...	0952	50	33	9.3	98	0	80	39	43	.54	.01	.55
DEC.												
12...	1115	20	28	7.3	88	0	72	36	34	.49	.01	.50
JAN.												
07...	1015	200	27	8.7	88	0	72	31	21	.66	.04	.70
16...	0810	40	29	9.5	85	0	70	36	52	.66	.04	.70
30...	1135	--	31	7.3	84	0	69	28	19	.73	.01	.74
FEB.												
13...	0815	100	29	8.1	92	0	75	31	25	.70	.04	.74
27...	0900	70	28	7.2	84	0	69	28	18	.57	.04	.61
MAR.												
12...	1230	40	28	7.7	86	0	71	30	25	.78	.06	.84
27...	0715	170	24	7.3	82	0	67	30	29	1.3	.05	1.3
APR.												
09...	0720	10	27	7.2	86	0	71	29	16	--	--	--
23...	1648	30	27	7.2	88	0	72	29	16	.89	.02	.91
MAY												
07...	1758	20	28	7.5	93	0	76	30	20	.78	.02	.80
JUNE												
04...	1405	60	26	7.3	84	0	69	25	17	.73	.01	.74
18...	1501	30	30	8.9	92	0	75	35	42	.62	.03	.65
JULY												
02...	1302	10	27	7.8	91	0	75	29	29	.67	.02	.69
16...	1121	10	48	55	102	0	84	130	740	.92	.01	.93
30...	1820	10	35	12	123	0	101	39	38	.95	.01	.96
AUG.												
27...	1705	20	80	160	122	0	100	330	2100	.30	.01	.31
SEP.												
08...	1820	10	130	340	122	0	100	670	5000	.16	.00	.16
16...	1400	30	150	330	133	0	109	640	4700	.15	.01	16

292215091231500 ATCHAFALAYA BAY AT EUGENE ISLAND, NEAR MORGAN CITY, LA. (COE NO. 88600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
03...	.24	253	160	83	581	7.5	--	30	60	7.0	--	18
18...	.16	214	--	--	402	7.6	--	30	55	7.8	.6	270
31...	.16	134	--	--	33300	7.8	--	7	55	6.8	1.6	100
NOV.												
13...	.27	539	--	--	413	8.1	--	--	230	8.1	1.3	2600
27...	.27	394	120	40	363	7.6	--	--	150	8.8	3.5	1900
DEC.												
12...	.29	459	100	28	546	7.9	--	--	150	9.6	1.9	600
JAN.												
07...	.26	305	100	28	291	7.8	11.5	--	130	9.9	2.2	4400
16...	.20	276	110	40	400	7.6	--	--	95	9.4	2.1	1800
30...	--	191	110	39	255	7.3	--	--	100	9.5	4.8	1600
FEB.												
13...	.30	221	110	30	293	7.8	--	--	150	10.1	2.3	3000
27...	.25	385	100	31	263	7.8	19.5	25	120	9.1	1.9	2100
MAR.												
12...	.41	479	100	29	270	7.4	17.5	25	80	8.9	2.5	8300
27...	.33	247	90	23	261	7.5	--	10	140	8.4	1.5	--
APR.												
09...	--	220	97	26	257	7.8	16.5	5	120	7.4	1.9	5300
23...	.26	209	97	25	261	7.7	18.0	10	80	7.6	.4	13000
MAY												
07...	.07	485	100	24	290	7.5	22.0	10	--	6.9	.4	--
JUNE												
04...	.19	148	95	26	260	7.5	27.0	55	70	5.9	.6	800
18...	.72	316	110	36	341	7.5	--	55	120	7.3	.9	200
JULY												
02...	.16	168	100	25	300	7.7	27.5	20	65	6.7	.4	11000
16...	.22	64	350	260	2750	7.8	--	55	45	6.2	2.7	220
30...	.58	293	140	39	402	8.1	29.0	25	75	7.4	1.3	1900
AUG.												
27...	.11	32	860	760	7300	7.9	31.0	15	25	7.4	.8	520
SEP.												
08...	.37	33	1700	1600	14900	8.1	29.5	5	8	7.9	3.6	80
16...	.16	13	1700	1600	14600	8.3	28.0	10	50	8.0	1.1	500

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
03...	<5	9.6	.00	1	0	.00	.0	.00	.00	.00	.00	<.01
18...	170	7.8	.00	0	0	.00	.0	.00	.00	.00	<.01	.01
31...	16	6.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
NOV.												
13...	320	9.8	.00	0	1	.00	.0	.00	.00	.00	.00	.00
27...	340	7.6	.00	8	0	.00	.0	.00	.00	.00	.00	.00
DEC.												
12...	290	6.6	.00	1	1	.00	.0	.00	.00	.00	.00	.00
JAN.												
07...	420	7.2	.00	6	0	.00	.0	.00	.00	.00	<.01	.00
16...	420	6.2	.00	4	0	.00	.0	.00	.00	.00	<.01	<.01
30...	180	6.1	.00	8	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
13...	1700	20	.00	5	0	.00	.0	.00	.00	<.01	<.01	<.01
27...	480	8.4	.00	3	0	--	--	--	--	--	--	--
MAR.												
12...	--	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
27...	--	14	.00	0	0	.00	.0	.00	.00	.00	.00	.00
APR.												
09...	87	5.2	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
23...	63	8.0	.00	1	0	.00	.0	.00	.00	.00	.00	.00
MAY												
07...	--	11	.00	2	0	.00	.0	.00	.00	.00	<.01	.00
JUNE												
04...	120	7.0	.00	0	--	.00	.0	.00	.00	.00	<.01	.00
18...	17	8.2	.00	7	0	.00	.0	.00	.00	<.01	.00	.00
JULY												
02...	520	5.0	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
16...	160	4.2	.00	3	0	.00	.0	.00	.00	.00	.00	.00
30...	180	7.8	.00	0	14	.00	.0	.00	.00	.00	<.01	.00
AUG.												
27...	60	14	.00	5	0	.00	.0	.00	.00	.00	.01	<.01
SEP.												
08...	<5	6.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	67	6.8	.00	5	0	.00	.0	.00	.00	.00	.00	.00

292215091231500 ATCHAFALAYA BAY AT EUGENE ISLAND, NEAR MORGAN CITY, LA. (COE NO. 88600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT.											
03...	.00	.00	.00	.0	0	6	4	2	3	2	1
18...	.00	.00	.00	.0	0	3	2	1	0	0	1
31...	.00	.00	.00	.0	0	2	1	1	13	6	7
NOV.											
13...	.00	.00	.00	.0	0	8	7	1	1	1	0
27...	.00	.00	.00	.0	0	4	2	2	3	1	2
DEC.											
12...	.00	.00	.00	.0	0	2	1	1	2	2	0
JAN.											
07...	.00	.00	.00	.0	0	4	3	1	2	1	1
16...	.00	.00	.00	.0	0	1	1	0	0	0	0
30...	.00	.00	.00	.1	0	1	1	0	1	0	1
FEB.											
13...	.00	.00	.00	.0	0	5	5	0	1	0	1
27...	--	--	--	--	--	7	6	1	3	2	1
MAR.											
12...	.00	.00	.00	.0	0	7	6	1	0	0	0
27...	.00	.00	.00	.0	0	3	2	1	3	3	0
APR.											
09...	.00	.00	.00	.0	0	2	1	1	0	0	0
23...	.00	.00	.00	.1	0	3	2	1	3	3	0
MAY											
07...	.00	.00	.00	.0	0	4	4	0	7	7	0
JUNE											
04...	.00	.00	.00	.0	0	2	2	0	10	10	0
18...	.00	.00	.00	.0	0	3	2	1	2	1	1
JULY											
02...	.00	.00	.00	.0	0	1	1	0	0	0	0
16...	.00	.00	.00	.0	0	1	1	0	0	0	0
30...	.00	.00	.00	.0	0	2	2	0	0	0	0
AUG.											
27...	.00	.00	.00	.0	0	1	0	1	0	0	0
SEP.											
08...	.00	.00	.00	.0	0	2	1	1	0	0	0
16...	.00	.00	.00	.0	0	2	1	1	1	1	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
03...	50	0	15	15	0	.0	.0	.0	40	20	20
18...	<10	0	2	0	3	.1	.1	.0	10	2	8
31...	10	0	--	--	4	.0	.0	.0	250	220	30
NOV.											
13...	20	0	9	8	1	.1	.0	.1	50	50	0
27...	<10	0	12	11	1	.1	.0	.2	10	0	10
DEC.											
12...	<10	0	24	23	1	.0	.0	.0	180	180	5
JAN.											
07...	10	0	37	36	1	.2	.2	.0	40	40	0
16...	20	0	13	12	1	.1	.1	.0	230	230	3
30...	20	0	2	0	3	.0	.0	.0	40	40	0
FEB.											
13...	20	1	14	13	1	.0	.0	.0	30	13	10
27...	<10	0	9	9	0	.0	.0	.0	140	130	8
MAR.											
12...	22	0	14	11	3	.2	.0	.2	20	10	10
27...	10	0	8	8	0	.0	.0	.1	20	20	0
APR.											
09...	25	0	3	3	0	.0	.0	.0	30	30	4
23...	<10	0	20	20	0	.4	.2	.2	30	30	0
MAY											
07...	<10	0	20	17	3	.1	.0	.1	40	40	0
JUNE											
04...	10	0	9	9	0	.2	.1	.1	40	0	40
18...	<10	0	10	9	1	.0	.0	.0	30	30	1
JULY											
02...	<10	0	4	4	0	.1	.0	.1	40	40	0
16...	<10	0	7	7	0	.2	.2	.0	20	10	8
30...	<10	0	10	10	0	.2	.1	.1	40	40	0
AUG.											
27...	30	0	0	0	0	.0	.0	.0	10	10	0
SEP.											
08...	<10	0	0	0	0	.0	.0	.0	30	20	10
16...	<10	0	5	1	4	.0	.0	.0	40	30	10

292700090420000 BAYOU GRAND CAILLOU NEAR DULAC, LA. (COE NO. 76323)

LOCATION.--Lat 29°27'00", long 90°42'00", T.19 S., R.17 E., Terrebonne Parish, 4.0 mi (6.4 km) north of Dulac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	310	8200	170	65	54	59	51	34	36	36	36	48
2	320	18000	170	60	53	42	52	35	34	36	40	42
3	370	17000	150	60	53	56	50	34	36	35	34	46
4	340	11000	170	100	56	45	52	33	40	35	34	50
5	180	5400	170	70	53	49	50	24	36	37	32	42
6	160	10000	160	70	40	52	63	32	34	34	14	42
7	170	4500	170	70	40	46	66	36	36	34	---	46
8	140	9500	140	65	38	72	---	35	36	35	29	48
9	320	4600	130	76	40	76	---	37	35	35	22	42
10	100	4500	120	88	42	71	---	30	35	36	28	28
11	100	850	120	91	44	69	---	35	33	30	26	25
12	100	680	120	85	46	42	40	35	42	35	32	24
13	100	680	130	87	44	48	36	32	33	38	32	25
14	100	650	100	96	44	56	36	42	32	44	48	26
15	100	700	91	85	44	44	59	39	30	33	34	26
16	720	160	88	110	36	49	61	40	32	37	34	26
17	720	190	88	110	40	49	64	47	52	32	36	28
18	700	180	94	100	38	45	50	41	34	33	32	24
19	800	180	95	100	34	57	36	39	34	35	34	28
20	720	160	100	84	38	40	38	40	32	34	36	26
21	180	170	110	85	46	54	33	41	34	35	34	24
22	150	160	91	120	30	47	---	39	33	33	32	25
23	190	170	87	85	52	45	32	40	37	38	40	25
24	190	620	100	52	46	44	32	48	37	32	42	52
25	180	230	110	41	30	40	32	28	36	34	32	28
26	490	150	110	43	46	260	32	42	31	34	46	25
27	560	160	110	42	67	250	34	34	32	34	32	28
28	530	170	110	53	62	250	34	31	30	33	34	73
29	470	170	110	32	---	260	38	31	32	31	32	26
30	520	160	62	43	---	260	36	34	---	33	40	28
31	7800	---	68	52	---	260	---	130	---	34	42	---
MONTH	580	3300	120	75	45	92	---	39	---	34	---	34

292245090153000 BAYOU LAFOURCHE AT GALLIANO, LA. (COE NO. 82300)

LOCATION.--Lat 29°22'45", long 90°15'30", T.19 S., R.9 E., Lafourche Parish, at Galliano, La.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	270	6700	110	70	49	67	340	55	37	34	36	84
2	250	4000	100	85	61	74	500	56	27	36	36	78
3	670	4100	100	65	51	68	340	45	26	32	22	46
4	680	2400	100	85	57	230	70	45	34	37	22	50
5	660	1300	95	75	95	230	60	38	42	31	24	46
6	640	1200	100	65	16	160	60	43	38	33	22	50
7	680	1400	380	75	52	150	69	43	39	31	18	52
8	670	1000	200	84	52	58	69	52	33	31	32	44
9	780	1000	130	70	220	51	64	52	52	38	18	52
10	770	1000	88	2400	50	330	5100	41	53	36	24	110
11	1200	3200	140	1000	88	1500	110	43	78	38	44	140
12	3200	1700	290	350	3500	9600	72	---	39	42	27	40
13	2200	---	90	78	92	9500	60	46	36	40	22	36
14	2900	500	84	58	60	8400	110	48	31	40	24	40
15	5600	880	85	69	64	730	120	40	32	32	24	40
16	3400	630	85	75	1900	150	44	43	35	54	28	36
17	---	950	73	72	6200	150	44	52	27	50	29	100
18	---	970	65	78	600	86	60	57	29	50	28	60
19	---	1000	65	110	57	85	53	41	29	38	27	85
20	---	1000	65	59	61	---	42	41	26	36	32	180
21	---	180	65	58	110	55	94	41	34	38	32	180
22	---	---	56	81	1200	58	91	45	32	38	33	180
23	---	120	65	80	6200	68	59	47	28	34	32	95
24	---	130	75	92	1100	200	62	48	88	40	36	320
25	---	140	88	430	97	65	62	47	48	50	71	110
26	---	130	140	69	74	55	23	49	31	38	120	310
27	---	120	240	39	68	55	77	48	37	34	74	140
28	---	150	190	190	60	2500	100	50	34	38	94	100
29	---	130	130	75	---	4000	84	36	32	38	100	90
30	---	250	110	57	---	2900	76	40	32	56	170	---
31	---	---	85	60	---	62	---	22	---	52	80	---
MONTH	---	---	126	200	790	---	270	---	38	38	45	100

291452090123200 BAYOU LAFOURCHE AT LEEVILLE, LA. (COE NO. 82350)

LOCATION.--Lat 29°14'52", long 90°12'32", T.21 S., R.10 E., Lafourche Parish, northeast of Louisiana Highway 1 bridge .2 mi (.3 km) southeast of Leeville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6600	10000	11000	7900	8500	---	---	---	1000	3100	6500	8000
2	11000	12000	11000	8100	8800	---	---	---	2500	2800	5800	8500
3	6700	11000	12000	12000	8700	---	---	---	3000	4400	6500	8000
4	11000	11000	11000	9800	8900	---	---	---	4000	4800	7300	8800
5	8000	8800	12000	9300	9500	---	---	---	4200	6000	6000	3200
6	11000	8900	17000	12000	9100	---	---	---	4800	5300	5900	3400
7	11000	11000	7600	1700	6900	---	---	---	6600	6000	5100	3100
8	11000	12000	12000	2100	8500	---	---	---	6400	5400	4500	2800
9	11000	11000	11000	2000	9300	---	---	---	6800	6300	2500	3900
10	11000	13000	12000	2200	7300	---	---	---	7900	6000	1500	5200
11	10000	12000	12000	2200	9400	---	---	---	7100	5700	1900	5600
12	10000	11000	12000	1700	9900	---	---	---	6700	6100	3300	5400
13	9000	12000	11000	1000	8900	---	---	6500	6300	5300	3900	4900
14	11000	8700	10000	1300	9000	---	---	6800	5800	4400	5400	3000
15	11000	11000	13000	1700	8900	---	---	6500	6500	8600	5300	7200
16	1200	12000	10000	1200	9900	---	---	3500	4800	6300	5700	7700
17	1100	12000	9300	1400	9900	---	---	2400	6400	4200	5600	5400
18	1100	13000	9900	1400	9900	---	---	3500	6500	4100	5900	6500
19	1100	13000	11000	1500	---	---	---	4900	6200	7800	6200	4900
20	970	13000	11000	1400	---	---	---	4600	6700	7300	6300	2800
21	980	13000	9900	1600	---	---	---	6200	7200	8000	6200	7500
22	1200	10000	11000	8200	---	---	---	6400	7300	7500	6300	7300
23	1200	6600	8800	4900	---	---	---	6100	7400	8100	6300	6200
24	1100	6600	8000	9200	---	---	---	6900	7100	7000	1700	6500
25	1200	10000	10000	9600	---	---	---	6400	5800	6900	4100	5300
26	1200	12000	6000	10000	---	---	---	6800	6100	7100	2100	6700
27	1200	12000	9500	10000	---	---	---	7300	4600	6000	2100	6800
28	1200	12000	12000	10000	---	---	---	7200	4600	7500	1600	6200
29	1200	12000	13000	8700	---	---	---	7100	3200	7500	7500	6200
30	10000	12000	10000	7400	---	---	---	4100	3000	8100	7000	---
31	10000	---	8200	8700	---	---	---	4600	---	7200	7500	---
MONTH	6000	11100	10700	5500	---	---	---	---	5600	6200	5000	5800

295019089411500 BAYOU LALOUTRE AT ALLUVIAL CITY AT YSCLOSKEY, LA. (COE NO. 85775)

LOCATION.--Lat 29°50'19", long 89°41'15", T.14 S., R.15 E., St. Bernard Parish, .2 mi (.3 km) south of Yscloskey.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5500	8100	6800	5600	4200	7200	4100	---	4600	3300	6700	6500
2	5500	8300	5500	4100	4100	7300	4100	1700	3100	3400	9700	6100
3	5800	8200	5100	4600	4100	7300	4100	1600	3100	4500	10000	5900
4	6000	8100	5400	4300	4100	5300	3800	---	3100	3200	10000	6000
5	5800	6900	8700	3800	4100	5200	2700	---	3000	3700	10000	6100
6	6200	6800	9000	3400	4200	5300	3200	1600	3000	2600	6700	6000
7	6100	6800	7900	3300	4400	5300	6500	---	3100	3100	3500	6100
8	6700	6000	7600	4500	4400	3300	9700	---	3700	3100	3300	4200
9	6500	5900	7100	4700	4400	3300	3200	1700	3600	8600	3300	4000
10	6300	6000	7000	3900	4100	3200	7200	1300	3200	9200	3400	4100
11	6300	6000	7000	3900	4300	3700	4000	1300	3000	9000	3400	4500
12	6700	5900	7600	4100	4000	3700	4100	1300	8200	8500	3400	4500
13	6600	6100	7200	4100	4100	3600	4300	2400	8500	9100	3400	4600
14	6600	6000	6800	4900	4100	6200	4400	2400	3100	8800	3200	5200
15	7600	5900	6800	4800	4000	6100	4100	2400	3600	8800	3400	5200
16	7500	5700	6800	4000	4000	6100	1900	3000	3000	8900	6900	5200
17	7300	6200	5000	3900	4000	6200	1800	2000	3500	8900	6900	4200
18	7900	6200	6200	4000	4000	6200	1800	3100	3500	5700	7100	3800
19	7900	6100	5700	4800	6700	6200	1800	6000	3400	6000	7000	4200
20	8300	5800	6600	4700	6600	3300	1800	3400	5100	5800	7000	4600
21	8600	5800	6400	3700	6700	3200	1700	3500	5000	5900	7000	4600
22	8900	5700	6300	3600	6800	3400	1800	3800	5100	5800	7200	4300
23	6500	6500	6400	3700	6800	3700	1800	3900	5000	5800	7000	3600
24	6500	6400	6200	4200	7000	3700	1800	3900	5100	5800	7200	3600
25	6300	8500	6000	---	11000	3700	2500	3900	5100	6100	7100	---
26	7300	5900	6300	---	6500	3900	2600	3900	5100	6600	5600	---
27	6900	6800	5900	---	7000	3900	2600	4000	5200	6500	5400	---
28	7100	5600	5200	---	8500	3800	2100	3900	5100	6700	5600	---
29	8800	5600	5900	---	---	3200	2200	3900	4600	6700	6700	---
30	6800	5400	5600	3800	---	3000	2200	4500	4600	6600	6500	---
31	8200	---	5700	3800	---	3000	---	4600	---	6800	6700	---
MONTH	6900	6400	6500	---	5300	4600	3300	---	4300	6200	6200	---

292300090370000 BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL NEAR DULAC, LA. (COE NO. 76303)

LOCATION.--Lat 29°23'00", long 90°37'00", T.19 S., R.18 E., Terrebonne Parish, 5.7 mi (9.2 km) east of Dulac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1800	9500	750	330	120	310	740	820	17	31	20	780
2	1800	9000	1100	550	160	280	760	400	22	50	12	740
3	1400	7000	1300	170	210	420	1000	220	20	48	18	880
4	2000	7600	510	1000	150	570	1500	270	26	92	50	540
5	2200	6100	870	760	250	230	510	82	32	110	22	360
6	2500	4600	1000	690	310	270	480	740	60	190	22	260
7	4300	3900	2100	730	400	340	---	960	67	57	18	340
8	2700	2800	300	1100	480	430	---	400	90	84	18	260
9	2200	2700	400	460	490	1300	---	310	230	72	24	200
10	2600	---	410	1800	600	1700	---	120	290	64	22	360
11	2100	3700	760	890	1200	440	---	190	110	55	22	520
12	2800	2900	930	820	1800	5300	---	64	84	38	12	350
13	1900	3100	100	510	690	4400	---	110	56	64	20	120
14	3800	3100	140	400	650	970	1100	63	52	57	300	450
15	5700	3200	170	470	610	630	230	---	46	92	260	520
16	3400	4300	560	390	1100	580	440	340	35	240	260	580
17	3400	2600	570	340	3000	420	200	80	110	180	80	460
18	3100	2900	570	570	790	2000	220	77	290	140	34	1100
19	2800	2600	230	980	660	660	280	81	300	180	280	700
20	3000	1700	420	340	660	300	300	170	200	130	200	---
21	3000	900	340	230	2100	270	430	420	84	120	140	290
22	5600	600	600	450	450	220	420	80	120	54	200	430
23	4600	1000	530	540	3000	---	340	230	110	70	140	250
24	4000	2400	460	1100	6300	320	220	270	67	72	220	220
25	---	1000	480	1500	500	260	200	1100	72	36	340	190
26	3200	940	910	570	500	410	260	220	57	60	260	340
27	2300	1400	570	610	840	4700	150	680	56	72	220	430
28	6000	1200	540	460	500	5900	340	300	46	54	260	550
29	8200	1700	540	1200	---	2600	340	190	49	320	220	620
30	8000	2700	420	220	---	2200	800	34	46	20	620	480
31	8600	---	430	200	---	800	---	36	---	54	900	---
MONTH	---	---	613	660	1000	---	---	---	95	94	170	---

295845091313000 BAYOU TECHE AT CHARENTON, LA. (COE NO. 64380)

LOCATION.--Lat 29°53'25", long 91°31'30", T.13 S., R.9 E., St. Mary Parish, .5 mi (.8 km) north of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	140	40	34	21	18	28	20	12	13	10	23
2	38	80	32	38	19	18	24	21	12	14	10	24
3	34	100	34	29	24	23	24	20	12	16	12	24
4	41	82	38	33	24	20	24	18	12	13	11	26
5	37	61	32	32	21	27	22	19	13	17	12	27
6	34	79	32	24	27	29	35	19	14	15	14	19
7	33	78	32	20	29	22	26	14	14	17	15	17
8	39	70	36	19	26	29	38	12	12	18	12	15
9	38	58	26	29	22	31	26	12	12	18	13	18
10	35	51	32	25	24	21	28	13	12	15	13	20
11	46	44	26	24	33	21	27	9.6	15	14	13	13
12	49	58	26	14	28	26	26	9.1	13	12	14	17
13	38	50	25	11	19	25	21	12	11	13	14	18
14	41	45	27	16	24	28	26	8.9	13	18	36	16
15	41	60	23	13	26	24	31	14	13	15	15	18
16	40	65	28	11	18	37	26	8.2	13	12	18	16
17	43	73	30	9.0	20	27	24	10	14	13	16	22
18	43	57	28	8.0	20	30	24	9.8	13	16	17	17
19	33	63	32	14	21	28	23	9.1	12	11	16	21
20	33	60	38	10	18	32	28	8.4	12	13	24	18
21	43	71	34	13	21	31	25	8.5	12	10	22	24
22	39	49	32	23	19	29	24	8.0	12	12	20	18
23	39	42	30	14	24	26	20	20	13	10	37	20
24	46	42	27	13	19	30	22	11	15	13	32	36
25	40	45	41	18	18	20	22	13	13	11	23	33
26	49	42	32	12	25	22	16	10	15	11	22	43
27	49	40	32	12	22	78	20	11	17	11	24	84
28	86	44	28	14	17	27	16	9.0	22	11	17	61
29	140	42	22	15	---	27	17	15	12	13	19	45
30	140	40	30	16	---	38	18	14	13	12	23	38
31	---	---	34	13	---	28	---	14	---	11	15	---
MONTH	48	61	31	19	22	28	24	13	13	13	18	26

293515090300000 BAYOU TERREBONNE NEAR BOURG, LA. (COE NO. 76403)

LOCATION.--Lat 29°33'13", long 90°36'05", T.17 S., R.18 E., Terrebonne Parish, at Bourg, La.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110	5000	57	62	31	50	57	33	18	26	39	39
2	110	4400	90	68	48	58	36	34	22	28	31	31
3	110	1300	70	70	37	45	34	32	34	27	39	39
4	120	470	90	59	35	56	36	34	31	27	27	27
5	120	590	100	57	42	68	34	57	28	27	24	24
6	150	400	83	64	40	63	35	32	28	27	31	31
7	130	210	83	63	45	58	34	33	32	28	20	20
8	120	290	87	66	76	56	34	62	27	27	21	21
9	120	280	91	---	41	55	51	33	30	30	36	36
10	110	270	70	---	46	45	34	36	35	30	22	22
11	210	250	65	---	45	46	31	34	26	33	24	24
12	120	200	64	---	51	54	34	34	42	29	28	28
13	100	200	56	48	40	2800	34	37	28	27	32	32
14	100	1300	58	40	40	64	43	35	24	30	25	25
15	90	300	69	49	36	58	35	33	27	32	30	30
16	---	230	48	51	40	49	39	33	26	32	31	31
17	---	210	50	47	40	50	36	37	25	32	32	32
18	---	110	49	48	48	44	36	36	32	30	30	30
19	---	110	54	47	50	45	41	36	24	38	50	50
20	---	66	75	39	48	90	34	32	26	36	29	29
21	---	50	63	50	54	44	38	30	23	30	34	34
22	70	55	61	42	47	44	34	33	23	36	33	33
23	110	51	50	44	76	45	34	34	24	30	---	36
24	110	60	75	50	44	90	29	30	23	30	---	24
25	100	110	70	93	50	36	30	27	23	32	---	46
26	120	130	73	34	45	36	28	26	28	30	---	70
27	130	100	82	40	44	4000	29	25	28	30	---	52
28	120	100	56	34	55	4000	28	25	33	24	---	75
29	2200	100	58	31	---	980	30	24	---	---	---	66
30	4300	82	55	35	---	52	33	26	---	---	---	69
31	4600	---	50	47	---	---	---	14	---	---	---	---
MONTH	---	570	68	---	46	440	35	33	---	---	---	37

29492309132300 CHARENTON DRAINAGE CANAL NEAR BALDWIN, LA. (COE NO. 64450)

LOCATION.--Lat 29°49'23", long 91°32'30", T.14 S., R.9 E., St. Mary Parish, about 35 ft (10.7 m) southwest of Southern Pacific Railroad bridge and .7 mi (1.1 km) south of Baldwin.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses. October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	120	55	34	18	25	26	26	13	18	20	18
2	30	140	60	42	16	22	26	21	14	11	10	18
3	46	120	51	26	20	28	25	22	12	14	12	24
4	37	120	55	36	19	27	23	26	11	14	10	26
5	33	100	53	34	25	34	26	21	12	16	12	28
6	34	66	50	25	22	37	34	29	14	14	14	24
7	32	60	53	44	22	28	33	32	10	24	12	20
8	36	73	40	18	22	36	18	13	11	18	12	17
9	42	58	54	30	21	30	37	13	11	16	16	21
10	41	56	55	30	18	25	24	12	15	28	18	18
11	40	280	51	28	23	27	25	8.6	14	24	16	25
12	34	53	69	32	22	22	30	8.6	11	26	18	18
13	38	65	31	---	24	26	24	9.6	11	12	16	16
14	40	120	35	18	24	---	25	9.0	11	14	36	16
15	43	65	34	16	33	27	27	11	11	12	28	14
16	40	70	31	16	22	24	24	8.6	12	14	30	23
17	46	82	31	10	21	28	26	15	15	18	38	26
18	49	77	33	9.0	22	29	26	10	12	18	24	19
19	51	80	31	15	28	30	33	11	11	18	24	29
20	54	91	28	10	23	31	24	11	22	28	24	28
21	46	74	34	11	26	29	27	10	15	28	20	22
22	44	65	30	10	25	28	24	10	12	17	24	18
23	41	92	49	14	11	26	24	12	11	18	34	20
24	51	32	25	15	41	24	66	10	11	16	38	33
25	75	55	34	22	21	28	100	10	14	12	40	59
26	58	35	38	23	24	25	23	9.1	10	14	22	79
27	71	75	30	15	23	32	44	12	11	10	22	31
28	74	60	36	16	26	25	19	12	10	24	23	66
29	200	53	28	14	---	25	23	15	10	20	37	54
30	160	58	32	30	---	27	27	15	11	18	36	72
31	190	---	42	20	---	24	---	18	---	12	22	---
MONTH	59	83	41	---	23	---	30	15	12	18	23	29

300404089482500 CHEF MENTEUR PASS NEAR LAKE BORGNE AT CHEF MENTEUR, LA. (COE NO. 85750)

LOCATION.--Lat 30°04'04", long 89°48'25", T.12 S., R.14 E., Orleans Parish, north of U.S. Highway 190 bridge, and 0.1 mi (0.2 km) southwest of Chef Menteur.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
12...	0900	10	49	110	53	0	43	230	1400	.00	.01	.01
12...	0915	10	47	110	53	0	43	220	1400	.01	.00	.01
16...	1035	20	47	100	55	0	45	210	1500	.17	.00	.17
18...	0952	10	41	81	63	0	52	170	1200	.27	.00	.27
22...	0922	0	37	66	62	0	51	140	950	.33	.01	.34
24...	1048	0	39	77	59	0	48	160	1100	.17	.00	.17
26...	1005	10	37	63	65	0	53	140	920	.24	.00	.24
28...	1042	20	37	62	66	0	54	150	860	.21	.01	.22
30...	1117	10	35	57	66	0	54	120	830	.25	.01	.26
MAY												
02...	1040	0	29	29	74	0	61	70	370	.74	.01	.75
09...	0916	0	29	40	68	0	56	98	560	.48	.01	.49

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
12...	.05	19	580	530	5500	7.8	--	10	10	8.8	1.9	73
12...	.03	10	570	530	5470	7.7	--	10	7	8.9	2.5	140
16...	.05	22	530	480	5400	7.6	17.5	6	9	9.3	.7	180
18...	.07	35	440	380	4070	7.9	19.5	8	8	9.1	.8	20
22...	.05	21	360	310	3410	7.8	18.5	5	15	9.1	1.1	360
24...	.18	21	410	360	3980	7.9	21.0	50	5	10.4	2.6	260
26...	.04	13	350	300	3360	7.7	--	20	7	8.8	1.2	<5
28...	.04	5	350	290	3290	8.1	24.0	15	5	7.5	1.0	100
30...	.05	30	320	270	2970	7.5	--	5	6	7.2	.9	940
MAY												
02...	.07	37	190	130	2992	7.7	24.0	7	20	7.7	.4	40
09...	.04	26	240	180	2110	7.7	23.5	10	20	8.0	1.4	100

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
12...	10	6.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
12...	8	6.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	24	5.4	.00	19	0	.00	.0	.00	.00	.00	.00	.00
18...	9	6.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	11	19	.00	1	0	.00	.0	.00	.00	.00	.00	.00
24...	6	19	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	6.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	14	.00	2	0	.00	.0	.00	.00	.00	.00	.00
30...	9	5.5	.00	3	0	.00	.0	.00	.00	.00	.00	.00
MAY												
02...	20	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
09...	39	6.1	.00	1	0	.00	.0	.00	.00	.00	.00	.00

300404089482500 CHEF MENTEUR PASS NEAR LAKE BORGNE AT CHEF MENTEUR, LA. (COE NO. 85750)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
APR.											
12...	.00	.00	.00	.0	0	0	0	0	0	0	0
12...	.00	.00	.00	.0	0	0	0	0	0	0	0
16...	.00	.00	.00	.0	0	1	0	1	3	2	1
18...	.00	.00	.00	.0	0	1	0	1	0	0	0
22...	.00	.00	.00	.0	0	1	1	0	0	0	0
24...	.00	.00	.00	.0	0	1	1	0	3	3	0
26...	.00	.00	.00	.0	0	1	1	0	4	4	0
28...	.00	.00	.00	.0	0	1	0	1	1	1	0
30...	.00	.00	.00	.0	0	0	0	0	1	1	0
MAY											
02...	.00	.00	.00	.0	0	0	0	0	1	0	1
09...	.00	.00	.00	.0	0	1	1	0	3	3	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
APR.											
12...	<10	0	8	8	0	.0	.0	.0	10	6	4
12...	<10	0	2	1	1	.1	.1	.0	10	0	10
16...	<10	0	17	16	1	.2	.1	.1	60	40	20
18...	<10	0	0	0	1	.1	.0	.1	20	20	0
22...	<10	0	3	2	1	.1	.1	.0	20	20	0
24...	<10	0	18	18	0	.1	.0	.1	20	20	0
26...	<10	0	8	8	0	.3	.0	.3	30	30	0
28...	<10	0	1	1	0	.3	.0	.3	20	20	0
30...	<10	0	0	0	0	.1	.0	.1	20	20	4
MAY											
02...	<10	0	1	0	1	.2	.0	.2	20	20	5
09...	<10	0	1	0	2	.2	.1	.1	40	30	10

CHLORIDE (MG/L AS CL), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3600	4000	2900	2400	1600	1700	1400	810	870	700	1300	1800
2	3800	5000	2800	2300	1600	1800	1400	430	890	1200	1500	1800
3	4000	3900	2900	2500	1600	1900	1600	390	920	1200	---	1900
4	4100	4200	3000	2100	1500	2000	1600	540	930	1200	1500	2300
5	4700	3200	3200	2100	1400	1600	1600	550	970	1000	1000	2100
6	4500	3400	3200	2300	1400	1400	1600	560	1000	1000	750	---
7	4300	3700	3200	2300	1500	1600	1600	570	1000	1000	750	---
8	4100	3900	3000	2300	1500	1700	1300	570	1100	1000	750	---
9	3600	4100	2900	2400	1200	1700	1300	540	1000	1300	750	---
10	3600	4100	2900	2300	1200	1400	1300	610	1300	740	---	---
11	3600	4300	2900	2100	1200	1300	1300	630	1300	1000	1000	---
12	4000	3900	3300	2600	1300	1400	1500	650	1100	880	750	---
13	3600	2000	3700	2200	1400	1500	1600	650	1100	1800	1000	---
14	4500	3300	2900	2000	1400	1800	1700	680	980	1900	850	---
15	4500	3600	3700	1000	1700	1900	1200	650	980	2400	900	---
16	3500	4100	2700	1900	1400	1500	1200	670	890	2500	1000	---
17	4000	4300	3100	2100	1100	1300	1600	690	1400	2700	950	---
18	3400	4200	2900	1900	1400	1200	1500	710	1300	2300	1000	---
19	3000	3600	3000	1800	1400	1600	1300	710	1500	2200	600	---
20	4300	3500	2900	1900	1400	1700	1100	710	1400	2000	1200	---
21	4400	2800	2600	2000	1500	1700	1000	800	1200	1400	1000	---
22	4300	2600	2700	1600	1200	1700	1000	790	1300	1300	2100	---
23	4200	2900	2700	1300	1300	1600	1000	740	1700	1200	1900	---
24	4600	3100	2600	1500	1400	1700	1100	660	1600	1500	2000	---
25	4500	3300	2800	1400	1600	1700	1100	640	1600	1600	1900	---
26	4200	3600	2800	1400	1700	1700	810	640	1400	1900	2000	---
27	3900	3700	2700	1500	1900	1600	990	720	1200	1000	2000	---
28	4100	3500	2500	1300	1800	1600	950	640	1100	2100	2000	---
29	3500	3800	2600	1300	---	1600	940	780	1100	2000	2000	---
30	4700	3800	2500	1400	---	1400	920	580	2300	1800	1900	---
31	5000	---	2500	1400	---	1600	---	700	---	850	2100	---
MONTH	4100	3600	2900	1900	1500	1600	1300	650	1200	1500	---	---

293316092182000 FRESHWATER CANAL ABOVE FRESHWATER BAYOU LOCK (NORTH), NEAR FORKED ISLAND, LA. (COE NO. 76591)

LOCATION.--Lat 29°33'16", long 92°18'20", T.16 S., R.2 E., Vermilion Parish, on north side of Lock, 18.9 mi (30.4 km) south of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12000	4600	6500	3900	3000	4600	4800	1300	---	2000	6500	2900
2	7100	4000	5000	6300	3100	6400	3700	1300	---	1500	4600	3400
3	7000	5300	5200	3800	2800	5800	3500	1300	---	1100	5700	10000
4	8800	5800	10000	7000	2500	5100	4700	1200	1600	1200	---	6900
5	7200	11000	12000	12000	2800	4700	4900	1200	1400	1100	---	7100
6	6900	4100	10000	5000	2800	4400	4400	1100	1400	7600	3600	5600
7	5500	5500	10000	5000	9300	3900	4000	1100	1200	13000	3800	4600
8	7600	6200	4000	4700	6500	3600	3800	1000	1300	13000	4500	4600
9	4900	9500	11000	4400	5700	3800	3600	1000	2500	9200	3800	4400
10	8900	9000	8600	4500	8500	3900	3100	950	2100	11000	3600	4400
11	6200	7300	8000	3800	5300	3700	2900	1000	1300	12000	3400	4100
12	6000	14000	4800	3800	4700	3400	2900	1200	1200	14000	3000	3600
13	6200	14000	7000	4300	9500	2800	3000	940	3100	14000	4900	6400
14	5100	9200	7600	2100	5800	3900	2600	290	1000	14000	4300	7200
15	6700	8400	6000	1200	5200	5900	4200	280	930	9300	8800	7500
16	9000	6700	10000	340	4800	5800	2900	2000	1000	9500	9100	6600
17	12000	11000	10000	460	3900	6700	2700	7000	820	5600	8700	4500
18	9400	6200	9600	1500	3500	3700	2100	5000	8700	3800	5800	4500
19	9000	5900	8000	3400	3400	6700	2200	6600	910	3800	6000	4700
20	6800	5500	6800	1800	4800	8200	3500	8000	710	3800	6000	5100
21	6700	12000	7700	6000	5000	6300	4500	7500	760	3800	6500	11000
22	7200	6300	6000	4300	4700	4500	2100	6300	770	5000	4200	6400
23	7200	6400	7400	4300	3700	4000	2000	4900	700	5500	4400	9100
24	6600	14000	2800	3800	3500	4000	2000	5800	1400	5600	2400	4200
25	5600	6500	5000	3600	4000	6100	1700	---	3700	4000	3600	8400
26	6000	6300	5800	4400	5700	4700	920	1000	640	3600	3400	7800
27	5600	6100	4600	4500	5600	4700	1200	2600	2600	3300	2800	9800
28	5300	5600	4200	3800	6100	4000	1200	2300	620	3900	2600	9400
29	5100	5200	4200	---	---	3600	1300	2300	720	3700	2600	9800
30	6000	5500	4000	---	---	3200	1300	2300	2200	6000	2700	7100
31	5000	---	4000	---	---	4800	---	1900	---	5700	3300	---
MONTH	7100	7600	7000	---	4900	4700	2900	---	---	6500	---	6400

294530092360000 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA. (COE NO. 96128)

LOCATION.--Lat 29°45'30", long 92°36'00", T.13 S., R.4 W., Cameron Parish, 7.7 mi (12.4 km) northeast of Grand Cheniere.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
02...	1350	70	--	--	133	0	109	7.2	84	.17	.05	.22
17...	1356	40	--	--	64	0	53	39	250	.04	.01	.05
30...	1450	30	--	--	62	0	51	100	600	.03	.01	.04
NOV.												
12...	1430	--	--	--	53	0	43	31	190	.14	.03	.17
26...	1407	110	10	7.4	44	0	36	15	84	.24	.00	.24
DEC.												
11...	1535	30	16	5.5	47	0	39	16	84	.26	.02	.28
JAN.												
06...	1500	260	6.5	3.2	26	0	21	150	19	.66	.05	.71
15...	1355	280	6.8	2.2	25	0	21	7.2	12	.21	.05	.26
30...	0922	200	4.5	2.0	21	0	17	4.7	16	.16	.02	.18
FEB.												
12...	1358	170	4.1	2.1	21	0	17	5.1	12	.21	.05	.26
26...	1345	180	4.8	4.1	25	0	21	10	46	.20	.06	.26
MAR.												
11...	1552	60	8.4	10	27	0	22	22	140	.16	.05	.21
27...	1415	370	5.9	7.0	28	0	23	16	97	.18	.07	.25
APR.												
09...	1255	30	11	15	30	0	25	34	220	.19	.04	.23
23...	1258	60	7.7	5.7	30	0	25	14	60	.32	.06	.38
MAY												
07...	1345	20	8.9	5.4	36	0	30	17	64	.36	.09	.45
28...	1445	60	7.0	4.1	32	0	26	12	48	.66	.06	.72
JUNE												
03...	1755	60	6.9	5.2	29	0	24	12	60	.69	.09	.78
18...	1703	190	4.8	6.9	30	0	25	15	81	.54	.07	.61
JULY												
02...	1655	30	7.9	5.1	30	0	25	12	51	.56	.09	.65
16...	1840	80	8.8	5.4	50	0	41	11	39	.34	.04	.38
30...	1630	30	6.2	3.0	36	0	30	6.9	21	.17	.02	.19
AUG.												
13...	1832	50	7.7	2.9	36	0	30	4.8	17	.14	.01	.15
27...	1442	60	6.0	4.0	33	0	27	6.1	29	.01	.01	.02
SEP.												
08...	1615	80	4.9	2.9	32	0	26	51	19	.04	.00	.04
17...	1330	40	5.4	3.1	32	0	26	5.8	21	.01	.02	.03

294530092360000 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA. (COE NO. 96128)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
02...	.15	121	140	31	353	7.5	--	90	60	8.6	2.4	28
17...	.11	67	--	--	956	7.1	--	90	40	--	--	20
30...	.10	227	--	--	2140	7.2	--	80	50	8.0	1.3	50
NOV.												
12...	.16	--	--	--	720	7.8	--	--	55	9.2	2.0	20
26...	.22	197	55	19	380	7.3	--	--	65	10.0	4.0	20
DEC.												
11...	.22	188	63	24	356	7.5	--	--	90	10.4	2.5	80
JAN.												
06...	.33	166	29	8	126	7.2	13.0	--	120	9.9	1.7	27
15...	.20	154	26	5	102	7.0	9.5	--	120	7.7	1.4	25
30...	.15	130	19	2	103	7.1	17.0	--	60	9.0	3.1	100
FEB.												
12...	.19	201	19	2	154	7.4	14.0	--	90	9.5	1.0	110
26...	.14	129	29	8	222	7.1	16.0	--	65	8.7	.1	7
MAR.												
11...	.18	248	62	40	425	7.2	20.5	140	70	9.2	3.6	160
27...	.97	255	44	21	470	7.3	--	40	150	8.5	1.6	--
APR.												
09...	.17	197	89	65	856	7.4	20.0	30	130	8.2	2.1	220
23...	.49	288	43	18	306	7.4	23.0	45	80	9.2	.9	120
MAY												
07...	.20	282	44	14	327	7.4	27.5	40	--	9.4	2.5	--
28...	.34	61	34	8	251	7.0	--	60	170	7.3	.6	300
JUNE												
03...	.27	34	39	15	190	7.2	28.0	60	150	7.8	1.7	33
18...	.19	56	40	16	309	7.4	--	30	75	8.1	2.1	<5
JULY												
02...	.21	32	41	16	211	7.7	29.0	80	80	7.6	.7	<5
16...	.17	18	44	3	169	7.4	--	40	55	7.9	1.1	<5
30...	.38	42	28	0	114	7.5	29.5	60	45	7.6	3.1	87
AUG.												
13...	.15	9	31	2	130	7.4	27.0	55	25	7.2	1.6	--
27...	.10	18	31	4	127	7.5	33.0	55	35	8.0	1.3	<5
SEP.												
08...	.17	38	24	0	129	7.6	30.5	60	30	7.7	3.2	20
17...	.10	40	26	0	150	7.5	28.0	60	40	7.8	--	130

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
02...	<5	13	.00	11	0	.00	.0	.00	.00	.00	.00	.00
17...	<5	9.2	.00	0	1	.00	.0	.00	.00	.00	.00	.00
30...	40	12	.00	0	1	.00	.0	.00	.00	.00	.00	.00
NOV.												
12...	<5	8.7	.00	3	1	.00	.0	.00	.00	.00	.00	.00
26...	10	12	.00	0	1	.00	.0	.00	.00	.00	.00	.00
DEC.												
11...	<5	8.8	.00	4	1	.00	.0	.00	.00	.00	.00	.00
JAN.												
06...	<5	12	.00	5	0	.00	.0	.00	.00	.00	.00	.00
15...	8	12	.00	0	1	.00	.0	.00	.00	.00	.00	.00
30...	7	7.8	.00	5	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
12...	--	12	.00	3	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	9.0	.00	3	0	.00	.0	.00	.00	.00	.00	.00
MAR.												
11...	44	13	.00	0	0	.00	.0	.00	.00	.00	.00	.00
27...	--	18	.00	3	0	.00	.0	.00	.00	.00	.00	.00
APR.												
09...	77	12	.00	0	0	.00	.0	.00	.00	.00	.00	.00
23...	90	14	.00	0	0	.00	.0	.00	.00	.00	.00	.00
MAY												
07...	--	13	.00	1	0	.00	.0	.00	.00	.00	.00	.00
28...	8	12	.00	1	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
03...	<5	11	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
18...	<5	9.0	.00	--	0	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	<5	7.8	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
16...	<5	5.8	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
30...	<5	6.6	.00	6	14	.00	.0	.00	.00	.00	<.01	.00
AUG.												
13...	--	5.6	.00	0	0	.00	.0	.00	.00	.00	.01	.00
27...	<5	25	.00	0	0	.00	.0	.00	.00	.00	.01	.00
SEP.												
08...	12	8.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
17...	<5	13	.00	0	3	.00	.0	.00	.00	.00	.00	.00

294530092360000 GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE, NEAR GRAND CHENIERE, LA. (COE NO. 96128)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.											
02...	.00	.00	.00	.0	0	2	0	2	2	2	0
17...	.00	.00	.00	.0	0	2	0	2	0	0	1
30...	.00	.00	.00	.0	0	3	2	1	0	0	1
NOV.											
12...	.00	.00	.00	.0	0	3	2	1	0	0	0
26...	.00	.00	.00	.0	0	5	2	3	0	0	0
DEC.											
11...	.00	.00	.00	.0	0	4	2	2	1	1	0
JAN.											
06...	.00	.00	.00	.0	0	2	1	1	1	0	1
15...	.00	.00	.00	.0	0	3	2	1	2	2	0
30...	.00	.00	.00	.1	0	0	0	0	0	0	1
FEB.											
12...	.00	.00	.00	.0	0	3	3	0	0	0	0
26...	.00	.00	.00	.0	0	2	2	0	0	0	0
MAR.											
11...	.00	.00	.00	.0	0	4	4	0	0	0	0
27...	.00	.00	.00	.0	0	3	2	1	2	2	0
APR.											
09...	.00	.00	.00	.0	0	3	3	0	0	0	0
23...	.00	.00	.00	.0	0	6	5	1	4	4	0
MAY											
07...	.00	.00	.00	.0	0	3	3	0	3	3	0
28...	.00	.00	.00	.0	0	5	4	1	2	2	0
JUNE											
03...	.00	.00	.00	.0	0	3	3	0	1	1	0
18...	.00	.00	.00	.0	0	2	1	1	9	8	1
JULY											
02...	.00	.00	.00	.0	0	3	3	0	0	0	0
16...	.00	.00	.00	.0	0	2	1	1	0	0	0
30...	.00	.00	.00	.0	0	1	1	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	1	1	0	2	2	0
27...	.00	.00	.00	.0	0	1	1	0	1	1	0
SEP.											
08...	.00	.00	.00	.0	0	3	3	0	0	0	0
17...	.00	.00	.00	.0	0	2	1	1	0	0	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
02...	10	0	13	12	1	.0	.0	.0	10	10	0
17...	<10	0	5	5	0	.0	.0	.0	5	5	0
30...	<10	0	6	5	1	.1	.0	.1	10	10	0
NOV.											
12...	30	0	6	6	0	.1	.0	.1	0	0	10
26...	<10	0	11	10	1	.1	.0	.2	30	20	6
DEC.											
11...	15	0	40	40	0	.0	.0	.0	100	--	--
JAN.											
06...	20	0	12	8	4	.1	.0	.1	0	0	10
15...	<10	0	21	20	1	.0	.0	.0	30	30	4
30...	<10	0	3	0	6	.0	.0	.0	30	20	6
FEB.											
12...	<10	1	8	7	1	.0	.0	.0	10	10	0
26...	<10	0	4	4	0	.0	.0	.0	20	0	20
MAR.											
11...	<10	0	12	10	2	.2	.0	.2	40	40	0
27...	<10	0	8	8	0	.0	.0	.1	20	20	0
APR.											
09...	<10	0	3	3	0	.1	.1	.0	10	10	0
23...	<10	0	20	19	1	.2	.0	.2	20	20	1
MAY											
07...	<10	0	17	15	2	.1	.0	.1	40	40	0
28...	10	0	15	15	0	.2	.0	.2	40	30	10
JUNE											
03...	<10	0	17	17	0	.0	.0	.2	50	10	40
18...	<10	0	13	13	0	--	.0	--	40	40	3
JULY											
02...	<10	0	8	8	0	.2	.0	.2	20	20	0
16...	<10	0	10	9	1	.1	.0	.1	120	120	3
30...	<10	0	9	9	0	.1	.1	.0	20	20	5
AUG.											
13...	<10	0	4	4	0	.1	.1	.0	60	20	40
27...	<10	0	3	3	0	.0	.0	.0	20	20	0
SEP.											
08...	<10	0	7	5	2	.0	.0	.0	40	30	10
17...	<10	0	7	7	0	.0	.0	.0	50	50	0

295600093053000 INTRACOASTAL WATERWAY (MI 220) AT GIBBSTOWN, LA. (COE NO. 76873)

LOCATION.--Lat 29°56'00", long 93°05'30", T.13 S., R.6 W., Cameron Parish, at Gibbstown.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	140	170	38	50	79	52	38	43	46	54	20
2	48	140	120	46	62	74	56	27	40	38	30	60
3	50	55	150	46	64	72	40	26	45	38	34	38
4	68	51	95	35	56	78	66	36	68	36	21	36
5	69	160	98	88	69	87	64	34	42	50	23	---
6	73	57	100	28	68	68	71	28	40	50	20	36
7	74	32	100	47	60	92	67	28	38	64	18	26
8	85	41	100	24	90	89	62	36	52	64	18	42
9	91	43	---	18	78	52	67	30	54	64	22	48
10	86	56	---	20	75	79	---	31	54	68	20	38
11	83	56	---	20	76	61	62	29	46	---	36	40
12	81	56	---	23	70	56	70	33	50	66	31	42
13	78	56	---	18	58	85	72	32	48	24	24	50
14	84	56	---	14	71	84	51	35	34	22	30	42
15	70	60	---	22	81	92	77	29	36	28	32	36
16	130	53	---	18	69	65	84	34	39	38	---	---
17	130	54	28	21	74	78	52	38	42	38	34	46
18	110	67	36	20	77	80	110	42	39	34	36	42
19	110	65	32	26	65	83	58	50	30	32	---	---
20	110	53	43	46	57	87	33	42	34	30	38	44
21	78	68	51	37	68	74	38	39	32	30	---	46
22	76	40	44	38	66	71	38	33	16	30	---	46
23	120	59	20	82	68	68	39	32	---	28	34	46
24	110	62	41	27	82	64	31	58	62	44	32	69
25	140	110	34	29	80	82	36	61	---	30	26	61
26	120	110	44	32	84	57	38	53	34	30	34	70
27	140	88	48	30	74	31	37	38	32	56	58	64
28	120	80	54	34	75	36	38	49	26	22	48	72
29	160	110	68	34	---	36	37	57	34	20	50	47
30	160	98	36	52	---	60	39	37	44	22	52	68
31	150	---	33	---	---	58	---	49	---	---	68	---
MONTH	98	73	---	34	70	70	---	38	---	---	---	---

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA. (COE NO. 76042)

LOCATION.--Lat 30°00'24", long 89°56'05", T.12 S., R.13 E., Orleans Parish, at New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.-- Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
01...	0902	30	--	--	159	0	130	--	4700	.01	.05	.06
16...	1159	60	--	--	89	0	73	940	6400	.08	.02	.10
29...	1015	40	--	--	89	0	73	860	6500	.15	.01	.16
NOV.												
11...	1024	60	--	--	86	0	71	700	5100	.04	.01	.05
25...	0911	20	--	--	65	0	53	410	3000	.01	.00	.01
DEC.												
10...	1020	40	140	450	94	0	77	870	6100	.09	.00	.09
JAN.												
02...	0945	30	89	220	69	0	57	520	3500	.00	.00	.00
17...	1000	260	77	190	78	0	64	290	3100	.10	.01	.11
27...	1320	40	73	180	78	0	64	350	2600	.12	.00	.12
FEB.												
10...	1145	120	89	230	68	0	56	570	3600	.02	.00	.02
24...	1055	30	10	190	61	0	50	410	2700	.14	.00	.14
MAR.												
10...	1200	10	73	190	64	0	52	410	2900	.03	.00	.03
25...	1357	20	63	160	64	0	52	270	2000	.19	.01	.20
APR.												
07...	1005	20	67	160	70	0	57	310	2300	.14	.01	.15
16...	1020	20	41	70	80	0	66	150	1000	.67	.02	.69
18...	0946	0	42	73	65	0	53	150	1000	.31	.02	.33
20...	1030	0	38	67	68	0	56	140	960	.38	.02	.40
21...	1606	30	38	65	69	0	57	140	920	.42	.01	.43
22...	0917	30	34	50	73	0	60	110	710	.53	.05	.58
24...	1045	10	34	46	76	0	62	110	630	.56	.01	.57
26...	0956	10	35	46	76	0	62	100	640	.44	.02	.46
28...	1025	0	36	57	76	0	62	110	870	.10	.01	.11
30...	1121	10	37	58	74	0	61	150	850	.34	.01	.35
MAY												
05...	1156	30	36	50	80	0	66	130	710	.52	.01	.53
09...	0907	0	34	46	79	0	65	99	620	.61	.02	.63
JUNE												
02...	1515	30	81	210	84	0	69	410	2900	.01	.00	.01
17...	1300	50	150	480	105	0	86	820	6900	.15	.01	.16
JULY												
01...	1435	40	91	220	78	0	64	100	3700	.08	.02	.10
15...	1434	60	160	470	98	0	80	970	7000	.05	.01	.06
30...	0731	60	180	550	106	0	87	1100	8300	.13	.11	.24
AUG.												
12...	1306	70	88	250	77	0	63	510	3700	.04	.06	.10
26...	1310	60	140	380	84	0	69	700	5400	.02	.05	.07
SEP.												
09...	1640	50	--	300	84	0	69	--	--	.03	.06	.09
15...	1156	20	110	250	67	0	55	700	3400	.04	.00	.04

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA. (COE NO. 76042)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
01...	.08	0	1800	1700	14100	7.0	--	10	3	6.4	1.6	110
16...	.07	15	--	--	18600	7.5	--	10	2	6.8	1.2	840
29...	.07	25	--	--	18800	6.9	--	10	2	7.1	2.6	50
NOV.												
11...	.06	11	--	--	15400	7.7	--	10	4	7.4	.9	220
25...	.08	43	--	--	9320	7.7	--	10	15	9.0	3.4	830
DEC.												
10...	.07	18	2200	2100	18800	7.7	--	8	5	9.3	2.0	1800
JAN.												
02...	.08	22	1100	1000	11300	7.4	15.5	10	6	8.2	1.9	130
17...	.08	6	970	910	10000	7.5	13.0	5	9	8.5	1.7	2000
27...	.07	12	920	860	9010	7.6	17.5	20	10	9.1	3.5	460
FEB.												
10...	.06	8	1200	1100	12100	7.5	--	10	4	9.4	5.3	80
24...	.06	29	810	760	8940	7.4	17.5	20	7	8.7	1.8	1600
MAR.												
10...	.05	8	960	910	9270	7.4	16.5	10	10	8.7	2.4	560
25...	.43	7	820	770	7550	7.3	--	10	15	7.7	1.9	5500
APR.												
07...	.05	5	830	770	7760	7.8	18.0	15	9	8.2	5.0	110
16...	.13	34	390	320	3670	7.6	18.0	10	20	8.7	.6	--
18...	.07	23	410	360	3710	7.7	19.5	5	15	8.7	.1	--
20...	.06	28	370	310	3370	7.9	20.5	50	15	--	--	--
21...	.07	33	360	300	2600	7.8	18.5	5	30	9.2	.3	1800
22...	.07	30	290	230	3280	7.8	19.5	5	25	9.2	1.2	3100
24...	.08	28	270	210	2450	7.6	22.5	5	20	9.2	1.7	6600
26...	.26	34	280	220	2500	7.5	--	5	20	9.1	2.2	610
28...	.09	20	320	260	3110	8.1	25.5	5	15	--	2.3	460
30...	.06	33	330	270	3010	7.5	--	10	15	7.0	.8	750
MAY												
05...	.08	30	300	230	2630	7.7	24.5	18	15	7.2	2.4	--
09...	.08	22	270	210	2400	7.5	24.0	10	20	7.4	1.2	520
JUNE												
02...	.24	30	1100	1000	9690	7.9	27.0	14	60	9.8	5.0	1600
17...	.08	23	2400	2300	20200	7.4	--	12	5	8.1	1.4	1000
JULY												
01...	.06	35	1100	1000	11500	7.7	28.5	5	3	6.5	.7	1400
15...	.11	13	2300	2300	20700	7.7	--	20	2	8.1	2.5	--
30...	.14	22	2700	2600	23200	7.5	29.5	10	5	6.3	2.9	580
AUG.												
12...	.22	16	1300	1200	11700	7.3	30.5	15	4	6.6	.8	660
26...	.10	3	1900	1800	16300	7.5	32.5	30	3	7.2	2.6	25
SEP.												
09...	.12	29	--	--	13300	7.8	--	20	5	6.7	4.6	110
15...	.30	17	1300	1200	11200	7.7	29.0	20	6	7.6	1.3	400

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA. (COE NO. 76042)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
01...	13	5.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	220	7.1	.00	0	1	.00	.0	.00	.00	.00	<.01	<.01
29...	24	7.0	.00	0	1	.00	.0	.00	.00	.00	.00	.00
NOV.												
11...	32	7.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	36	8.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
DEC.												
10...	130	4.3	.00	0	0	.00	.0	.00	.00	.00	.00	.00
JAN.												
02...	37	5.7	.00	0	2	.00	.0	.00	.00	.00	.00	.00
17...	76	5.9	.00	3	0	.00	.0	.00	.00	.00	.00	.00
27...	53	5.5	.00	1	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
10...	12	8.1	.00	0	0	.00	.0	.00	.00	.00	.00	.00
24...	190	5.4	.00	0	0	--	--	--	--	--	--	--
MAR.												
10...	58	7.1	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	90	5.4	.00	5	0	.00	.0	.00	.00	.00	.00	.00
APR.												
07...	33	4.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	210	5.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
18...	89	12	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	100	9.6	.00	0	10	.00	.0	.00	.00	.00	.00	.00
21...	47	4.4	.00	3	0	.00	.0	.00	.00	.00	.00	.00
22...	97	4.2	.00	1	0	.00	.0	.00	.00	.00	.00	.00
24...	<5	26	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	66	6.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	17	8.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	57	6.9	.00	0	2	.00	.0	.00	.00	.00	.00	.00
MAY												
05...	1800	5.3	.00	1	1	.00	.0	.00	.00	.00	.00	.00
09...	180	8.9	.00	1	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
02...	140	9.6	.00	1	0	.00	.0	.00	.00	.00	.00	.00
17...	<5	6.1	.00	5	0	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	80	5.2	.00	4	0	.00	.0	.00	.00	.00	.00	.00
15...	--	5.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	11	5.4	.01	0	4	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	150	6.4	.06	27	0	.00	.0	.00	.00	.00	.00	.00
26...	6	6.6	.01	0	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
09...	20	6.8	.01	0	0	.00	.0	.00	.00	.00	.00	.00
15...	20	36	.00	0	0	.00	.0	.00	.00	.00	.00	.00

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA. (COE NO. 76042)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.											
01...	.00	.00	.00	.0	0	2	0	2	0	0	0
16...	.00	.00	.00	.0	0	2	2	0	0	0	4
29...	.00	.00	.00	.0	0	1	0	1	0	0	1
NOV.											
11...	.00	.00	.00	.0	0	1	0	1	0	0	0
25...	.00	.00	.00	.1	0	2	1	1	3	3	0
DEC.											
10...	.00	.00	.00	.0	0	1	0	1	0	0	0
JAN.											
02...	.00	.00	.00	.0	0	0	0	0	1	0	1
17...	.00	.00	.00	.0	0	1	0	1	1	0	1
27...	.00	.00	.00	.0	0	1	0	1	4	2	2
FEB.											
10...	.00	.00	.00	.0	0	1	1	0	1	0	2
24...	--	--	--	--	--	1	1	0	0	0	2
MAR.											
10...	.00	.00	.00	.0	0	2	2	0	0	0	2
25...	.00	.00	.00	.0	0	2	1	1	0	0	1
APR.											
07...	.00	.00	.00	.0	0	0	0	0	0	0	1
16...	.00	.00	.00	.0	0	1	0	1	3	0	4
18...	.00	.00	.00	.0	0	1	0	1	2	1	1
20...	.00	.00	.00	.0	0	2	0	2	1	1	0
21...	.00	.00	.00	.0	0	0	0	0	7	7	0
22...	.00	.00	.00	.0	0	0	0	0	3	3	0
24...	.00	.00	.00	.0	0	2	1	1	5	5	0
26...	.00	.00	.00	.0	0	2	0	2	7	7	0
28...	.00	.00	.00	.0	0	1	0	1	1	0	0
30...	.00	.00	.00	.0	0	1	1	0	0	0	0
MAY											
05...	.00	.00	.00	.0	0	2	0	2	3	3	0
09...	.00	.00	.00	.0	0	3	2	1	4	3	1
JUNE											
02...	.00	.00	.00	.0	0	1	0	1	0	0	0
17...	.00	.00	.00	.0	0	1	0	1	8	0	10
JULY											
01...	.00	.00	<.01	.0	0	2	1	1	1	0	2
15...	.00	.00	.00	.0	0	1	1	0	0	0	1
30...	.00	.00	.00	.0	0	1	1	0	2	0	2
AUG.											
12...	.00	.00	.00	.0	0	1	0	1	0	0	1
26...	.00	.00	.00	.0	0	1	1	0	1	1	0
SEP.											
09...	.00	.00	.00	.0	0	1	0	1	0	0	0
15...	.00	.00	.00	.0	0	1	0	1	2	2	0

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA. (COE NO. 76042)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
01...	40	0	1	0	1	.1	.1	.0	--	--	20
16...	<10	0	2	2	0	.0	.0	.1	--	--	30
29...	10	0	2	2	0	<.1	.1	.0	40	10	30
NOV.											
11...	<10	0	1	1	0	<.1	.0	.1	4	0	4
25...	10	0	16	12	4	<.1	.0	.1	30	20	10
DEC.											
10...	30	0	5	2	3	<.1	.0	.2	30	0	30
JAN.											
02...	30	0	0	0	0	<.0	.0	.0	10	10	0
17...	10	0	4	3	1	.0	.0	.0	30	20	10
27...	<10	0	10	4	6	<.0	.0	.0	50	30	20
FEB.											
10...	20	1	0	0	0	<.0	.0	.0	0	0	10
24...	<10	0	5	1	4	.0	.0	.0	20	10	10
MAR.											
10...	<10	0	1	0	3	.1	.0	.1	20	10	10
25...	<10	0	13	12	1	.0	.0	.0	30	30	4
APR.											
07...	<10	0	1	1	0	.0	.0	.0	7	0	10
16...	<10	0	7	7	0	<.1	.0	.1	50	20	30
18...	<10	0	4	3	1	.0	.0	.0	40	40	0
20...	<10	0	2	1	1	.3	.0	.3	30	30	0
21...	<10	0	10	5	5	<.1	.0	.1	20	20	0
22...	<10	0	3	2	1	.1	.1	.0	40	40	0
24...	<10	0	5	5	0	<.1	.0	.1	50	40	6
26...	<10	0	7	7	0	.2	.0	.2	30	30	5
28...	<10	0	0	0	1	.4	.1	.3	40	40	0
30...	<10	0	0	0	0	<.2	.0	.2	8	8	0
MAY											
05...	<10	0	6	5	1	<.2	.0	.2	20	10	10
09...	<10	0	1	0	2	<.0	.0	.0	30	20	10
JUNE											
02...	<10	0	3	3	0	<.1	.0	.1	60	20	40
17...	30	0	1	1	0	.0	.0	.0	20	20	2
JULY											
01...	<10	0	3	3	0	.3	.3	.0	20	10	10
15...	10	0	6	6	0	<.1	.1	.0	30	10	20
30...	<10	0	1	1	0	<.0	.0	.0	40	30	10
AUG.											
12...	10	0	0	0	1	.0	.0	.0	40	20	20
26...	20	0	0	0	0	.0	.0	.0	10	2	8
SEP.											
09...	<10	0	1	0	3	.0	.0	.0	60	60	4
15...	<10	0	7	7	0	.0	.0	.0	30	20	10

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST) NEAR INTRACOASTAL CITY, LA. (COE NO. 76720)

LOCATION.--Lat 29°47'00", long 92°11'40", T.14 S., R.3 E., Vermilion Parish, north bank at east and of lock, and 2.3 mi (3.7 km) west of Intracoastal City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
JUNE												
03...	1645	130	7.0	3.4	37	0	30	13	25	.80	.05	.85
18...	1810	210	5.4	5.7	41	0	34	11	72	.17	.10	.27
JULY												
02...	1455	80	8.3	3.4	41	0	34	9.1	17	.23	.06	.29
16...	1459	210	7.1	4.2	34	0	28	10	34	.07	.02	.09
30...	1712	10	6.6	2.7	41	0	34	6.8	16	.03	.03	.06
AUG.												
13...	1910	80	6.0	1.6	31	0	25	5.1	12	.08	.02	.10
27...	1525	50	6.3	4.5	36	0	30	8.3	--	.09	.02	.11
SEP.												
08...	1647	10	6.8	3.0	34	0	28	6.0	22	.10	.01	.11
17...	1428	330	8.0	4.3	39	0	32	9.0	45	.10	.03	.13

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
JUNE												
03...	.22	227	31	1	174	7.0	26.5	60	160	4.2	2.3	1600
18...	.20	260	37	3	333	7.2	--	50	140	5.4	4.2	700
JULY												
02...	.18	131	35	1	138	7.2	28.5	70	75	5.2	.8	2000
16...	.15	90	35	7	132	6.9	--	80	65	4.5	.2	1100
30...	.92	87	28	0	131	7.4	31.0	55	65	5.7	.9	530
AUG.												
13...	.79	41	81	55	110	6.7	25.0	60	50	5.5	1.0	--
27...	.40	84	34	4	143	7.1	33.5	100	70	5.2	.6	550
SEP.												
08...	.97	63	29	1	147	7.4	30.5	80	55	6.4	3.5	550
17...	.14	22	38	6	246	7.2	28.5	100	55	6.4	--	600

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST) NEAR INTRACOASTAL CITY, LA. (COE NO. 76720)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
JUNE												
03...	500	14	.00	2	0	.00	.0	.00	.00	.00	.02	.00
18...	140	10	.00	--	0	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	220	8.9	.00	0	0	<.01	.0	.00	.00	.00	.02	<.01
16...	58	6.4	.00	0	0	.00	.0	.00	.00	.00	.01	.00
30...	58	9.0	.00	0	5	.00	.0	.00	.00	.00	.01	.00
AUG.												
13...	--	11	.00	1	0	.00	.0	.00	.00	.00	.01	.00
27...	90	19	.00	0	0	.00	.0	.00	.00	.00	.01	.00
SEP.												
08...	120	8.0	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
17...	120	4.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
JUNE											
03...	.00	.00	.00	.0	0	5	4	1	1	1	0
18...	.00	.00	.00	.0	0	4	3	1	3	3	0
JULY											
02...	.00	.00	.00	.0	0	3	2	1	0	0	0
16...	.00	.00	.00	.0	0	2	1	1	0	0	0
30...	.00	.00	.00	.0	0	2	2	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	1	1	0	0	0	0
27...	.00	.00	.00	.0	0	3	2	1	0	0	0
SEP.											
08...	.00	.00	.00	.0	0	6	6	0	0	0	0
17...	.00	.00	.00	.0	0	4	2	2	0	0	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE											
03...	20	0	13	13	0	.0	.0	.1	50	0	50
18...	<10	0	12	12	0	.0	.0	.0	40	40	0
JULY											
02...	<10	0	6	6	0	.1	.0	.1	20	10	8
16...	<10	0	12	11	1	.1	.1	.0	30	20	10
30...	<10	0	10	10	0	.2	.2	.0	40	20	20
AUG.											
13...	<10	0	2	2	0	.2	.2	.0	50	30	20
27...	<10	0	8	8	0	.3	.0	.3	10	5	5
SEP.											
08...	<10	0	14	14	0	.1	.1	.0	30	10	20
17...	<10	0	8	8	0	.0	.0	.0	50	40	10

294700092114000 INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST) NEAR INTRACOASTAL CITY, LA. (COE NO. 76720)--Continued

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	2000	190	110	22	200	970	470	94	22	18	16
2	130	2100	110	100	14	74	780	37	22	19	18	20
3	140	1900	130	190	14	290	840	66	22	18	18	16
4	230	1900	110	58	14	520	1000	50	21	20	18	18
5	600	2100	100	53	15	---	840	31	28	23	22	16
6	840	1800	170	54	36	350	960	130	24	---	20	16
7	770	1700	230	140	50	410	950	250	24	30	18	16
8	650	1700	220	53	140	280	1000	160	22	28	18	14
9	540	1600	70	25	180	270	---	42	26	28	18	20
10	580	1300	94	34	91	610	950	30	26	42	18	20
11	760	1200	230	27	250	680	850	28	56	21	18	18
12	900	1200	52	24	150	670	950	27	32	13	18	18
13	1000	1000	170	27	220	780	900	28	20	8.0	18	18
14	1300	1000	170	18	260	690	900	40	22	8.0	20	16
15	1500	500	200	19	360	440	850	28	48	9.0	30	30
16	1100	540	140	35	310	630	830	28	26	13	24	23
17	1100	550	150	26	240	580	780	32	37	16	18	76
18	1000	560	140	24	410	580	850	31	60	12	16	22
19	1200	550	130	22	270	490	600	33	80	14	20	20
20	1100	500	95	23	380	330	610	28	52	13	18	19
21	1300	300	62	37	450	370	---	---	30	16	18	16
22	1300	270	66	35	560	400	580	34	35	19	20	19
23	1400	210	110	23	340	350	570	42	34	22	24	35
24	1500	190	160	12	340	320	620	43	44	12	28	31
25	1500	210	74	14	150	320	610	29	26	16	30	25
26	1500	150	74	28	200	360	610	26	27	18	36	32
27	1600	320	86	26	270	860	610	30	18	18	40	33
28	1600	290	79	14	100	1000	580	74	26	18	25	27
29	1700	410	99	13	---	960	600	77	21	20	18	21
30	1800	320	82	15	---	1000	520	72	19	24	18	---
31	1900	---	75	14	---	750	---	94	---	20	16	---
MONTH	1100	950	130	42	210	---	---	---	34	---	21	---

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST) NEAR INTRACOASTAL CITY (COE NO. 76800)

LOCATION.--Lat 29°47'05", long 92°11'53", T.14 S., R.3 E., Vermilion Parish, on north bank at west end of lock, and 2.5 mi (4.0 km) west of Intracoastal City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
JUNE												
03...	1640	70	8.6	3.7	30	0	25	14	25	.77	.05	.82
18...	1800	100	4.3	4.0	34	0	28	8.8	37	.24	.06	.30
JULY												
02...	1500	60	10	3.7	31	0	25	9.3	18	.21	.05	.26
16...	1453	170	9.1	5.1	30	0	25	11	43	.12	.03	.15
30...	1705	90	9.4	3.8	40	0	33	8.2	27	.04	.03	.07
AUG.												
13...	1900	80	5.8	11	30	0	25	5.9	14	.08	.02	.10
27...	1520	50	8.0	7.9	39	0	32	15	--	.07	.03	.10
SEP.												
08...	1703	40	17	24	30	0	25	51	370	.06	.01	.07
17...	1425	140	8.7	5.3	40	0	33	11	62	.11	.04	.15

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
JUNE												
03...	.65	173	37	12	169	6.9	27.0	60	150	4.3	3.1	1400
18...	.28	226	27	0	208	7.2	--	60	140	5.8	1.9	1100
JULY												
02...	.18	140	40	15	140	7.1	28.5	70	70	5.1	1.1	1700
16...	.14	74	44	19	120	7.0	--	70	60	4.8	1.1	1200
30...	.17	99	39	6	140	7.5	31.0	80	65	5.9	1.8	350
AUG.												
13...	.33	20	60	35	108	6.7	25.0	55	50	5.3	1.3	--
27...	.14	102	53	21	152	7.3	33.5	100	70	5.7	1.1	600
SEP.												
08...	.15	68	140	120	1820	7.7	29.5	50	35	6.2	2.7	320
17...	.11	31	44	11	305	7.2	28.5	100	60	5.9	--	700

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST) NEAR INTRACOASTAL CITY (COE NO. 76800)--Continued

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
JUNE												
03...	420	16	.00	5	0	.00	.0	.00	.00	.00	.02	.00
18...	240	11	.00	--	--	.00	.0	.00	.00	.00	.01	.00
JULY												
02...	180	9.2	.00	0	0	.00	.0	.00	.00	.00	.02	.00
16...	120	7.0	.00	0	0	.00	.0	.00	.00	.00	.02	.00
30...	25	9.0	.00	0	8	.00	.0	.00	.00	.00	.01	.00
AUG.												
13...	--	7.8	.00	1	0	.00	.0	.00	.00	.00	.01	.00
27...	110	23	--	1	1	.00	.0	.00	.00	.00	.02	.00
SEP.												
08...	60	8.0	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
17...	110	4.6	.00	0	1	.00	.0	.00	.00	.00	.00	.00

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
JUNE											
03...	.00	.00	.00	.0	0	7	6	1	1	1	0
18...	.00	.00	.00	.0	0	4	3	1	--	--	0
JULY											
02...	.00	.00	.00	.0	0	3	3	0	0	0	0
16...	.00	.00	.00	.0	0	2	2	0	0	0	0
30...	.00	.00	.00	.0	0	2	2	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	2	2	0	0	0	0
27...	.00	.00	.00	.0	0	--	--	1	0	0	0
SEP.											
08...	.00	.00	.00	.0	0	3	2	1	0	0	0
17...	.00	.00	.00	.0	0	3	1	2	0	0	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE											
03...	<10	0	10	9	1	.0	.0	.0	[illegible]	30	20
18...	<10	0	15	15	0	.3	.0	.3	40	40	2
JULY											
02...	<10	0	6	5	1	.3	.0	.3	50	50	3
16...	<10	0	9	9	0	.0	.0	.0	20	0	20
30...	<10	0	14	14	0	.1	.0	.1	20	20	0
AUG.											
13...	<10	0	2	2	0	.3	.1	.2	40	20	20
27...	<10	0	9	9	0	--	--	.1	10	0	10
SEP.											
08...	<10	0	3	3	0	.0	.0	.0	30	20	10
17...	<10	0	9	9	0	.1	.1	.0	50	40	10

294705092115300 INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST) NEAR INTRACOASTAL CITY (COE NO. 76800)--Continued

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	2000	140	78	16	130	900	500	20	21	20	18
2	94	1900	140	62	12	86	920	55	17	18	16	20
3	110	1900	130	190	12	230	950	64	21	18	16	20
4	160	2000	110	91	12	400	950	44	24	19	14	18
5	380	1900	88	65	22	260	950	54	22	23	18	18
6	540	2000	79	50	14	270	950	53	26	21	18	18
7	700	1800	130	80	14	380	930	250	24	29	16	18
8	550	1800	76	56	54	260	980	120	22	28	14	22
9	410	1400	71	26	13	260	1000	48	28	32	14	26
10	470	1500	68	38	48	650	1000	55	26	22	16	20
11	670	1300	130	20	58	650	950	33	68	29	28	20
12	790	1200	45	32	58	720	950	29	26	17	18	28
13	980	1000	180	29	36	750	910	29	16	8.0	18	28
14	1100	700	150	53	170	620	890	32	28	12	17	19
15	1400	460	170	84	240	500	850	110	52	3.0	21	33
16	1100	590	150	18	320	630	900	32	26	11	16	34
17	980	470	120	18	360	560	850	28	29	14	18	77
18	1000	480	80	18	330	450	750	30	38	13	16	20
19	1100	500	70	29	370	420	700	31	70	16	19	26
20	1200	410	60	26	300	330	650	35	52	22	18	20
21	1100	300	40	33	300	390	690	36	28	15	20	20
22	1200	230	44	34	420	400	700	36	64	18	24	22
23	1100	170	56	38	450	360	710	32	37	31	25	39
24	1500	140	88	22	260	370	740	34	52	31	25	35
25	1400	160	52	---	130	340	640	30	26	30	18	28
26	1500	150	46	21	92	1100	700	---	29	22	46	34
27	1500	340	84	22	78	380	650	24	20	24	68	14
28	1600	210	50	20	75	370	600	74	25	22	26	12
29	1800	290	46	10	---	930	650	75	23	18	18	12
30	1200	170	55	30	---	970	600	76	23	20	18	13
31	2300	---	76	10	---	990	---	100	---	16	22	---
MONTH	---	920	91	---	150	490	820	---	32	20	21	24

301116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE NEAR NEW ORLEANS, LA. (COE NO. 85600)

LOCATION.--Lat 30°11'16", long 90°07'33", T.10 S., R.10 E., Jefferson Parish, and 12.5 mi (20.1 km) north of New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
01...	0840	0	--	--	108	0	89	150	2300	.00	.00	.00
16...	1127	10	--	--	49	0	40	300	1900	.05	.00	.05
29...	0945	0	--	--	30	0	25	260	1800	--	--	--
NOV.												
11...	1004	10	--	--	56	0	46	290	2000	.01	.00	.01
25...	0837	30	--	--	58	0	48	340	2400	.46	.03	.49
DEC.												
10...	0950	20	63	140	70	0	57	340	2300	.00	.00	.00
JAN.												
02...	0805	30	55	190	56	0	46	300	2000	.01	.00	.01
17...	0935	0	49	120	50	0	41	250	1800	.05	.00	.05
27...	1300	30	59	150	58	0	48	260	2000	.00	.00	.00
FEB.												
10...	1115	50	49	110	54	0	44	190	1500	.00	.01	.00
24...	1022	10	41	110	47	0	39	210	1500	.05	.01	.06
MAR.												
10...	1311	0	51	110	53	0	43	240	1700	.03	.00	.03
25...	1338	20	44	120	55	0	45	230	1700	.01	.01	.02
APR.												
07...	0938	20	41	93	48	0	39	190	1300	.20	.01	.21
14...	1540	0	51	110	56	0	46	230	1600	.08	.00	.08
15...	1301	10	48	110	54	0	44	230	1600	.09	.01	.10
18...	1240	10	46	100	55	0	45	230	1600	.01	.00	.01
20...	1240	30	45	100	54	0	44	230	1500	--	--	--
21...	1501	0	44	100	53	0	43	220	1500	.01	.00	.01
22...	1120	0	46	110	54	0	44	220	1600	.01	.00	.01
24...	1250	0	41	84	60	0	49	200	1200	.16	.00	.16
26...	1217	10	38	80	55	0	45	180	1100	.07	.01	.08
28...	1135	20	34	54	65	0	53	110	770	.34	.01	.35
MAY												
05...	1058	0	32	50	64	0	53	110	700	.25	.03	.28
09...	1127	10	36	68	56	0	46	150	990	.31	.01	.32
JUNE												
02...	1745	10	25	40	53	0	43	85	520	.18	.01	.19
17...	1239	20	19	36	43	0	35	79	510	.03	.00	.03
JULY												
01...	1410	10	22	47	143	0	117	110	680	.02	.00	.02
15...	0905	0	28	59	45	0	37	120	840	.01	.01	.02
30...	0825	10	37	89	47	0	39	200	1400	.10	.01	.11
AUG.												
12...	1315	--	--	--	32	0	26	--	--	--	--	--
26...	1400	20	31	73	42	0	34	140	990	.01	.01	.02
SEP.												
09...	1550	20	39	97	45	0	37	200	1300	.00	.00	.00
15...	1234	10	34	83	43	0	35	170	1100	.03	.01	.04

301116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE NEAR NEW ORLEANS, LA. (COE NO. 85600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
01...	.04	0	1100	1000	7180	7.0	--	5	4	8.1	2.1	<5
16...	.05	21	--	--	6360	7.1	--	7	7	8.2	3.7	<5
29...	.04	8	--	--	5010	6.6	--	7	6	8.5	3.5	5
NOV.												
11...	.04	2	--	--	6530	7.8	--	10	15	8.4	1.3	8
25...	.12	89	--	--	7750	7.6	--	7	40	9.0	4.8	5
DEC.												
10...	.04	35	730	680	7610	7.5	--	6	8	10.6	1.4	690
JAN.												
02...	.06	73	920	870	6890	7.1	13.5	20	20	9.3	4.0	140
17...	.03	0	620	580	6060	7.7	9.0	10	4	10.1	3.0	140
27...	.02	10	770	720	6940	7.7	11.5	3	10	10.3	1.9	<5
FEB.												
10...	.02	38	580	530	6050	7.7	--	10	8	9.8	3.6	14
24...	.09	81	560	520	5200	7.4	13.5	30	45	9.3	3.6	25
MAR.												
10...	.08	37	580	540	5720	7.4	16.0	10	15	9.8	.9	32
25...	.03	22	600	560	5770	7.4	23.0	5	10	9.0	.8	87
APR.												
07...	.04	21	490	450	4540	7.8	16.5	17	15	9.4	1.5	<5
14...	.06	29	580	530	5520	7.4	16.5	10	20	9.2	.2	27
15...	.05	28	570	530	5380	7.8	--	10	7	9.5	.6	200
18...	.03	9	530	490	5390	8.0	19.5	5	5	10.0	.8	460
20...	--	24	520	480	5130	8.3	20.0	5	8	8.7	.0	21
21...	.04	24	520	480	5320	7.7	18.5	5	25	9.5	1.2	140
22...	.19	19	570	530	5140	7.7	19.0	5	10	10.2	1.3	420
24...	.37	10	450	400	4290	7.6	21.0	5	9	11.2	2.6	110
26...	.07	7	420	380	4060	8.1	--	3	4	10.2	1.7	67
28...	.04	23	310	260	2840	8.2	24.0	5	10	8.0	.4	--
MAY												
05...	.06	20	290	230	2650	8.2	24.5	6	9	8.1	1.9	--
09...	.04	30	370	320	3630	7.3	24.0	5	20	7.8	.9	130
JUNE												
02...	.09	32	230	180	2280	8.2	27.5	9	15	10.7	3.4	220
17...	.05	32	200	160	1900	7.4	--	10	15	8.3	.0	25
JULY												
01...	.04	210	250	130	2440	7.4	28.5	5	6	7.8	1.2	33
15...	.04	13	310	280	2950	7.6	--	20	6	7.9	1.1	--
30...	.11	17	460	420	4440	7.3	30.0	5	4	8.5	3.5	300
AUG.												
12...	--	--	--	--	3620	7.3	27.0	50	6	8.8	1.0	23
26...	.06	1	380	340	3450	7.1	32.5	30	5	8.3	2.1	<5
SEP.												
09...	.05	20	500	460	4700	7.7	30.5	10	5	8.1	4.1	16
15...	.10	62	430	400	4140	7.7	24.0	10	15	7.6	.6	83

301116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE NEAR NEW ORLEANS, LA. (COE NO. 85600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
01...	<5	6.5	.01	0	0	.00	.0	.00	.00	.00	.00	.00
16...	<5	5.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
29...	<5	11	.01	0	0	.00	.0	.00	.00	.00	.00	.00
NOV.												
11...	<5	7.7	.00	1	0	.00	.0	.00	.00	.00	.00	.00
25...	<5	6.3	.00	0	0	.00	.0	.00	.00	.00	.00	.00
DEC.												
10...	<5	6.3	.00	0	1	.00	.0	.00	.00	.00	.00	.00
JAN.												
02...	<5	5.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
17...	12	6.1	.00	.4	0	.00	.0	.00	.00	.00	.00	.00
27...	<5	4.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
10...	<5	5.1	.00	1	0	.00	.0	.00	.00	.00	.00	.00
24...	7	8.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
MAR.												
10...	13	5.3	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	<5	5.6	.00	2	0	.00	.0	.00	.00	.00	.00	.00
APR.												
07...	<5	6.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
14...	<5	6.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	8	5.1	.00	0	0	.00	.0	.00	.00	.00	.00	.00
18...	5	17	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	<5	9.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
21...	<5	5.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	<5	12	.00	2	0	.00	.0	.00	.00	.00	.00	.00
24...	<5	16	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	7.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	120	7.1	.00	2	0	.00	.0	.00	.00	.00	.00	.00
MAY												
05...	<5	6.5	.00	0	1	.00	.0	.00	.00	.00	.00	.00
09...	--	5.0	.00	2	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
02...	6	7.0	.00	2	0	--	--	--	--	--	--	--
17...	<5	4.8	.00	2	0	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	<5	5.4	.00	1	0	--	--	--	--	.00	.00	.00
15...	--	8.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	10	7.6	.00	48	3	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	<5	--	--	--	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	13	.00	3	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
09...	23	5.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	<5	5.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00

301116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE NEAR NEW ORLEANS, LA. (COE NO. 85600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.											
01...	.00	.00	.00	.0	0	1	0	1	--	--	0
16...	.00	.00	.00	.0	0	0	0	1	3	1	2
29...	.00	.00	.00	.0	0	1	0	1	13	8	5
NOV.											
11...	.00	.00	.00	.0	0	1	1	0	4	3	1
25...	.00	.00	.00	.0	0	2	2	0	5	4	1
DEC.											
10...	.00	.00	.00	.0	0	1	0	1	1	1	0
JAN.											
02...	.00	.00	.00	.0	0	2	1	1	5	4	1
17...	.00	.00	.00	.0	0	1	0	1	7	6	1
27...	.00	.00	.00	.0	0	1	0	1	6	4	2
FEB.											
10...	.00	.00	.00	.0	0	1	1	0	0	0	1
24...	.00	.00	.00	.0	0	2	2	0	2	2	0
MAR.											
10...	.00	.00	.00	.0	0	2	2	0	0	0	1
25...	.00	.00	.00	.0	0	1	0	1	1	0	4
APR.											
07...	.00	.00	.00	.0	0	1	1	0	0	0	1
14...	.00	.00	.00	.0	0	2	1	1	1	0	1
15...	.00	.00	.00	.0	0	1	0	1	0	0	0
18...	.00	.00	.00	.0	0	0	0	0	0	0	0
20...	.00	.00	.00	.0	0	1	1	0	0	0	0
21...	.00	.00	.00	.0	0	0	0	0	11	11	0
22...	.00	.00	.00	.0	0	0	0	0	1	1	0
24...	.00	.00	.00	.0	0	1	1	0	1	1	0
26...	.00	.00	.00	.0	0	1	0	1	0	0	0
28...	.00	.00	.00	.0	0	1	1	0	1	0	1
MAY											
05...	.00	.00	.00	.0	0	1	0	1	7	7	0
09...	.00	.00	.00	.0	0	0	0	0	1	0	0
JUNE											
02...	--	--	--	--	--	1	1	0	1	1	0
17...	.00	.00	.00	.0	0	0	0	0	3	2	1
JULY											
01...	.00	.00	.00	--	0	1	1	0	0	0	1
15...	.00	.00	.00	.0	0	0	0	0	0	0	1
30...	.00	.00	.00	.0	0	0	0	0	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	--	--	--	0	--	--
26...	.00	.00	.00	.0	0	1	1	0	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	1	0	1	0	0	0
15...	.00	.00	.00	.0	0	1	0	1	0	0	0

30116090073300 LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE NEAR NEW ORLEANS, LA. (COE NO. 85600)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
01...	20	0	17	16	1	.0	.0	.0	60	50	10
16...	10	0	19	19	0	.1	.0	.1	10	2	8
29...	<10	0	26	22	4	--	--	.1	40	0	40
NOV.											
11...	<10	0	17	14	3	.1	.0	.1	20	10	10
25...	10	0	20	0	0	.0	.0	.1	30	20	10
DEC.											
10...	25	0	15	10	4	.1	.1	.0	30	20	10
JAN.											
02...	<10	0	11	11	0	.0	.0	.0	4	0	4
17...	10	0	8	5	3	.0	.0	.0	20	10	10
27...	<10	0	5	4	1	.0	.0	.2	40	30	10
FEB.											
10...	<10	0	3	3	0	.0	.0	.0	0	0	5
24...	<10	0	--	--	1	.0	.0	.0	20	10	10
MAR.											
10...	<10	0	1	0	1	.1	.0	.1	10	2	8
25...	<10	0	12	12	0	.1	.1	.0	0	0	0
APR.											
07...	<10	0	2	1	1	.1	.1	.0	7	0	10
14...	<10	0	8	6	2	.1	.0	.1	10	4	6
15...	<10	0	24	23	1	.0	.0	.0	0	0	0
18...	<10	1	0	0	0	.0	.0	.0	30	30	0
20...	<10	0	0	0	0	.1	.1	.0	20	20	0
21...	<10	8	7	3	4	.2	.0	.2	20	20	0
22...	<10	0	5	4	1	.0	.0	.0	10	10	0
24...	<10	0	0	0	0	.3	.0	.3	10	6	4
26...	<10	0	1	1	0	.1	.0	.1	6	5	1
28...	<10	0	1	1	0	.3	.1	.2	10	10	0
MAY											
05...	<10	0	8	7	1	.2	.0	.2	20	10	10
09...	<10	0	--	--	2	.1	.0	.1	--	--	5
JUNE											
02...	10	0	4	4	0	.0	.0	.2	30	0	30
17...	<10	0	0	0	0	.0	.0	.0	10	10	0
JULY											
01...	<10	0	2	2	0	.1	.1	.0	10	10	0
15...	<10	0	5	5	0	.1	.1	.0	30	30	0
30...	<10	0	3	3	0	.0	.0	.0	20	20	0
AUG.											
12...	30	--	3	--	--	--	--	--	50	--	--
26...	10	0	0	0	0	.0	.0	.0	10	10	0
SEP.											
09...	<10	0	1	0	1	.0	.0	.0	0	0	1
15...	<10	0	8	8	0	.0	.0	.0	50	40	10

300434089564000 LAKE PONTCHATRAIN AT LITTLE WOODS, AT NEW ORLEANS, LA. (COE NO. 85650)

LOCATION.--Lat 30°04'34", long 89°56'40", T.11 S., R.12 E., Orleans Parish, at intersection of Paris Road and Haynes Boulevard, at New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3000	3300	---	1600	1600	1700	1600	470	960	1000	800	1600
2	3200	3000	---	1900	1600	1600	1600	670	1000	950	850	1600
3	3200	3300	---	1800	1600	1900	1700	750	1100	1000	850	1700
4	3000	3200	---	2000	1200	---	1700	750	1100	1100	800	1700
5	3000	3200	---	2100	1200	1700	---	720	980	1100	750	1800
6	3000	3100	---	2000	1200	1800	---	650	---	1200	800	1500
7	2800	3200	---	2000	1200	1800	1800	650	---	1100	850	1600
8	3000	3100	3100	1900	1200	1900	1800	580	1100	---	800	1600
9	3000	3000	---	1900	1200	1900	1800	580	---	---	850	1500
10	3100	3000	2500	1900	1200	1900	1700	580	950	---	1200	1600
11	3000	3000	---	1500	1200	2100	1700	570	---	---	1200	1600
12	3000	2900	---	1700	1400	1900	1700	570	930	---	2600	1400
13	2900	---	2500	2000	1300	1900	1600	620	880	1000	1200	1500
14	3100	---	2800	1900	1300	1700	1500	620	1200	860	1200	1800
15	2800	2800	2800	---	1300	1900	1600	620	670	960	900	---
16	2600	2800	2600	---	1900	2100	1300	580	850	1000	810	1900
17	2600	---	2200	1800	810	1600	900	690	870	980	740	1800
18	2100	3200	---	2500	1400	1700	1100	690	740	1400	650	1800
19	3100	3100	---	1500	1300	1200	1100	680	710	1300	600	2000
20	2900	2600	2200	---	1400	1500	1200	670	740	1000	650	1800
21	2900	---	2100	1900	1400	1400	1000	680	570	1000	900	1900
22	3000	---	---	1900	1400	1800	1000	680	680	700	1300	1600
23	3100	---	---	1800	800	1600	960	680	810	800	1200	2000
24	3200	---	2100	1900	---	1500	780	1000	1000	1000	1500	1800
25	3200	2400	2600	1900	---	1500	790	1000	1100	1200	1500	1500
26	3100	2600	2200	1900	---	1500	400	1100	1200	520	1800	2500
27	3100	2600	2400	1800	1900	1600	510	1000	1200	950	1700	1700
28	3200	2700	2000	2900	1900	1600	400	1000	1100	800	1800	1600
29	3600	2900	1800	1400	---	1700	390	1000	1200	900	1600	2100
30	2900	3400	1800	1400	---	1700	430	1000	1100	850	1700	---
31	3000	---	1800	1600	---	1600	---	980	---	850	---	---
MONTH	3000	---	---	---	---	---	---	740	---	---	1100	---

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE NEAR LACOMBE, LA. (COE NO. 05007)

LOCATION.--Lat 30°15'00", long 89°57'20", T.9 S., R.12 E., St. Tammany Parish, 4.3 mi (6.9 km) southwest of Lacombe.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
01...	0822	0	--	--	96	0	79	98	1900	.00	.00	.00
16...	1105	0	--	--	48	0	39	280	1900	.00	.01	.01
29...	0927	0	--	--	48	0	39	280	2000	.00	.00	.00
NOV.												
11...	0945	20	--	--	55	0	45	360	2600	.01	.00	.01
25...	0820	20	--	--	47	0	39	280	2000	.04	.01	.05
DEC.												
10...	0931	0	50	120	50	0	41	270	1900	.03	.00	.03
JAN.												
02...	0920	180	42	93	38	0	31	180	1200	.00	.01	.01
17...	0920	360	30	65	29	0	24	150	1100	.03	.01	.04
27...	1235	30	55	130	53	0	43	260	1900	.00	.00	.00
FEB.												
10...	1055	40	43	110	48	0	39	230	1600	.00	.01	.01
24...	1010	130	23	55	32	0	26	110	760	.01	.01	.02
MAR.												
10...	1115	20	37	84	42	0	34	180	1200	.01	.00	.01
25...	1320	170	16	34	20	0	16	67	500	.06	.01	.07
APR.												
07...	0925	210	26	59	38	0	31	120	870	.01	.00	.01
15...	1248	210	16	34	21	0	17	71	490	.02	.01	.03
18...	1115	150	20	47	28	0	23	100	690	.02	.01	.03
20...	1150	150	29	68	35	0	29	140	990	--	--	--
21...	1520	20	38	89	44	0	36	190	1300	.00	.01	.01
22...	1030	80	32	77	39	0	32	150	1100	.00	.00	.00
24...	1155	30	39	90	46	0	38	180	1300	.00	.01	.01
26...	1115	10	34	57	61	0	50	120	760	.08	.01	.09
28...	0945	60	27	52	53	0	43	110	740	.01	.01	.02
30...	1017	30	30	48	63	0	52	110	680	.18	.01	.19
MAY												
02...	0936	130	20	32	45	0	37	70	450	.14	.03	.17
05...	1115	140	10	21	27	0	22	39	310	.17	.00	.17
09...	1036	210	5.6	11	29	0	24	24	230	.04	.01	.05
JUNE												
02...	1735	70	19	32	44	0	36	70	450	--	--	--
17...	1218	40	13	23	30	0	25	49	310	.00	.01	.01
JULY												
01...	1355	320	4.5	5.3	20	0	16	11	74	.10	.00	.10
15...	0845	230	7.4	6.9	30	0	25	20	94	.04	.02	.06
AUG.												
12...	1330	240	6.0	10	16	0	13	25	150	.03	.00	.03
26...	1410	160	9.8	20	22	0	18	43	270	.05	.01	.06
SEP.												
09...	1615	40	26	58	35	0	29	130	820	.03	.00	.03
15...	1246	40	20	47	34	0	28	92	680	.06	.00	.06

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE NEAR LACOMBE, LA. (COE NO. 05007)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
01...	.03	0	950	870	6100	6.8	--	5	2	8.2	2.3	<5
16...	.43	25	--	--	6180	7.2	--	10	2	8.0	1.0	15
29...	.07	67	--	--	6270	7.1	--	7	15	7.1	2.3	13
NOV.												
11...	.03	0	--	--	8320	7.7	--	7	4	8.2	1.9	280
25...	.03	10	--	--	6260	7.4	--	20	5	8.1	1.3	610
DEC.												
10...	.03	11	620	580	6300	7.4	--	6	4	10.5	1.7	8
JAN.												
02...	.04	13	490	460	4950	7.0	12.0	60	7	7.6	1.7	350
17...	.03	19	340	320	3520	7.3	10.0	80	10	8.9	2.1	520
27...	.03	2	670	630	6070	7.6	13.5	10	10	9.6	2.4	55
FEB.												
10...	.03	0	560	520	5100	7.6	--	10	4	9.7	2.7	30
24...	.05	111	280	250	2950	7.1	13.5	20	15	8.9	2.3	620
MAR.												
10...	.12	322	440	410	4150	7.1	18.0	20	20	9.5	4.9	350
25...	.35	37	180	160	1750	6.6	22.0	60	35	8.0	3.4	600
APR.												
07...	.02	14	310	280	3180	7.4	17.0	75	4	8.6	5.6	680
15...	.06	19	180	160	1840	6.6	--	60	10	7.7	.8	680
18...	.04	18	240	220	2500	6.9	20.5	55	10	7.9	.3	660
20...	--	16	350	320	3420	7.3	20.0	65	5	8.1	.4	200
21...	.03	11	460	420	4560	7.6	18.5	15	5	9.8	1.2	100
22...	.02	12	400	370	3940	7.1	19.0	25	5	10.1	2.2	2900
24...	.17	11	470	430	4560	7.4	23.5	25	6	9.2	2.2	220
26...	.05	7	320	270	2980	8.1	--	5	5	10.3	3.3	--
28...	.03	11	280	240	2740	7.2	25.0	25	5	7.6	.8	150
30...	.05	13	270	220	2550	7.3	--	15	8	5.8	1.6	180
MAY												
02...	.04	13	180	140	1680	7.1	23.0	40	5	6.6	2.2	670
05...	.06	20	110	88	1180	6.8	25.0	70	9	6.1	1.5	870
09...	.04	32	59	35	642	6.4	22.5	100	15	3.9	1.3	--
JUNE												
02...	--	20	180	140	1730	7.4	28.0	50	10	8.0	2.3	190
17...	.07	55	130	100	1210	7.4	--	45	25	6.7	2.2	260
JULY												
01...	.03	45	33	17	293	6.5	28.0	120	10	5.4	2.1	1200
15...	.31	22	47	22	384	6.7	--	--	10	5.6	1.2	--
AUG.												
12...	.05	6	56	43	565	6.6	26.5	100	7	7.1	1.0	220
26...	.06	14	110	89	1110	6.7	30.5	40	10	7.2	2.1	430
SEP.												
09...	.13	91	300	280	3080	7.4	30.5	25	15	8.6	5.8	--
15...	.03	11	240	210	2460	7.6	29.0	30	3	8.8	1.0	40

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE NEAR LACOMBE, LA. (COE NO. 05007)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
01...	<5	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	<5	6.0	.00	0	2	.00	.0	.00	.00	.00	.00	.00
29...	6	10	.01	0	1	.00	.0	.00	.00	.00	.00	.00
NOV.												
11...	83	5.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	520	10	.00	0	0	.00	.0	.00	.00	.00	.00	.00
DEC.												
10...	<5	6.5	.00	11	0	.00	.0	.00	.00	.00	.00	.00
JAN.												
02...	61	11	.00	0	1	.00	.0	.00	.00	.00	.00	.00
17...	120	13	.00	5	0	.00	.0	.00	.00	.00	.00	.00
27...	15	5.5	.00	1	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
10...	14	6.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
24...	350	9.3	.00	12	0	.00	.0	.00	.00	.00	.00	.00
MAR.												
10...	240	8.6	.00	3	0	.00	.0	.00	.00	.00	.00	.00
25...	150	14	.00	6	0	.00	.0	.00	.00	.00	.00	.00
APR.												
07...	580	10	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	130	12	.00	3	0	.00	.0	.00	.00	.00	.00	.00
18...	190	28	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	90	15	.00	0	8	.00	.0	.00	.00	.00	.00	.00
21...	33	6.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	66	12	.00	2	0	.00	.0	.00	.00	.00	.00	.00
24...	49	18	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	9	8.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	37	15	.00	1	0	.00	.0	.00	.00	.00	.00	.00
30...	46	6.7	.00	0	1	.00	.0	.00	.00	.00	.00	.00
MAY												
02...	260	9.5	.00	3	0	.00	.0	.00	.00	.00	.00	.00
05...	80	19	.00	0	0	.00	.0	.00	.00	.00	.00	.00
09...	2500	22	.00	2	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
02...	63	--	.00	--	0	--	--	--	--	--	--	--
17...	23	4.1	.00	50	0	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	240	19	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	--	13	.00	0	--	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	97	6.2	.00	16	0	.00	.0	.00	.00	.00	.00	.00
26...	140	18	.00	2	0	.00	.0	.00	.00	.00	.01	.00
SEP.												
09...	260	2.3	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	<5	9.2	.00	2	0	.00	.0	.00	.00	.00	.00	.00

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE NEAR LACOMBE, LA. (COE NO. 05007)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.											
01...	.00	.00	.00	.0	0	1	0	1	0	0	2
16...	.00	.00	.00	.0	0	1	0	2	0	0	1
29...	.00	.00	.00	.0	0	2	1	1	0	0	1
NOV.											
11...	.00	.00	.00	.0	0	1	0	1	2	2	0
25...	.00	.00	.00	.0	0	1	0	1	2	1	1
DEC.											
10...	.00	.00	.00	.0	0	0	0	1	4	2	2
JAN.											
02...	.00	.00	.00	.0	0	1	1	0	1	0	1
17...	.00	.00	.00	.0	0	1	0	1	2	0	2
27...	.00	.00	.00	<.1	0	1	0	1	0	0	2
FEB.											
10...	.00	.00	.00	.0	0	1	1	0	0	0	1
24...	.00	.00	.00	.1	0	1	1	0	0	0	1
MAR.											
10...	.00	.00	.00	.0	0	3	2	1	1	0	1
25...	.00	.00	.00	.0	0	2	2	0	0	0	--
APR.											
07...	.00	.00	.00	.0	0	0	0	0	0	0	2
15...	.00	.00	.00	.0	0	0	0	0	0	0	0
18...	.00	.00	.00	.0	0	0	0	0	1	1	0
20...	.00	.00	.00	.0	0	1	0	1	0	0	0
21...	.00	.00	.00	.0	0	0	0	0	7	7	0
22...	.00	.00	.00	.0	0	0	0	0	1	1	0
24...	.00	.00	.00	.0	0	1	1	0	1	1	0
26...	.00	.00	.00	.0	0	1	0	1	0	0	0
28...	.00	.00	.00	.0	0	1	0	1	2	0	0
30...	.00	.00	.00	.0	0	1	1	0	3	3	0
MAY											
02...	.00	.00	.00	.0	0	1	1	0	5	4	1
05...	.00	.00	.00	.0	0	2	1	1	3	3	0
09...	.00	.00	.00	.0	0	2	2	0	0	0	1
JUNE											
02...	--	--	--	--	--	0	0	0	0	0	1
17...	.00	.00	.00	.0	0	1	0	1	1	0	1
JULY											
01...	.00	.00	.00	.0	0	2	1	1	0	0	1
15...	.00	.00	.00	.0	0	1	0	1	1	1	0
AUG.											
12...	.00	.00	.00	.0	0	1	1	0	0	0	0
26...	.00	.00	.00	.0	0	1	1	0	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	2	2	0	0	0	0
15...	.00	.00	.00	.0	0	1	0	1	0	0	0

301500089572000 LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE NEAR LACOMBE, LA. (COE NO. 05007)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
01...	10	0	0	0	4	.0	.0	.0	20	20	0
16...	10	0	0	0	1	.1	.0	.1	0	0	4
29...	<10	0	5	5	0	.1	.0	.1	10	0	20
NOV.											
11...	<10	0	0	0	1	.0	.0	.1	0	0	8
25...	<10	0	0	0	0	.1	.1	.0	10	0	20
DEC.											
10...	15	0	12	8	4	.1	.0	.1	170	150	20
JAN.											
02...	<10	1	6	5	1	.0	.0	.0	50	50	0
17...	10	0	2	0	3	.0	.0	.0	20	10	10
27...	<10	0	5	4	1	.7	.0	.9	30	20	10
FEB.											
10...	<10	1	0	0	1	.0	.0	.0	0	0	5
24...	<10	0	4	0	5	.0	.0	.0	20	0	20
MAR.											
10...	<10	0	5	2	3	.1	.0	.1	20	20	4
25...	10	0	8	7	1	.0	.0	.0	20	10	9
APR.											
07...	<10	0	0	0	0	.1	.1	.0	4	0	10
15...	<10	0	6	5	1	.0	.0	.0	20	20	0
18...	<10	0	1	0	1	.7	.6	.1	30	30	0
20...	<10	0	0	0	2	.1	.0	.1	10	10	0
21...	<10	0	1	0	2	.2	.0	.2	20	20	0
22...	<10	0	5	3	2	.1	.1	.0	20	20	0
24...	<10	0	2	2	0	.2	.0	.2	10	4	6
26...	<10	0	5	5	0	.2	.1	.1	20	10	6
28...	<10	0	1	0	0	.3	.0	.3	20	20	0
30...	<10	0	1	1	0	.3	.1	.2	30	20	6
MAY											
02...	<10	0	0	0	0	.2	.0	.2	20	10	7
05...	<10	0	4	3	1	.2	.0	.2	10	0	10
09...	10	0	0	0	3	.2	.0	.2	10	0	20
JUNE											
02...	<10	0	0	0	0	.1	.0	.1	60	20	40
17...	<10	0	4	4	0	.0	.0	.0	20	20	0
JULY											
01...	<10	0	4	4	0	.1	.1	.0	20	20	0
15...	10	0	8	8	0	.0	.0	.1	20	0	20
AUG.											
12...	<10	0	3	3	0	.1	.0	.1	40	30	10
26...	10	0	0	0	0	.0	.0	.0	30	30	0
SEP.											
09...	<10	0	3	3	0	.0	.0	.0	30	20	10
15...	<10	0	4	4	0	.1	.1	.0	20	10	10

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA. (COE NO. 85615)

LOCATION.--Lat 30°19'45", long 90°16'15", T.8 S., R.9 E., Tangipahoa Parish, 6.8 mi (10.9 km) southeast of Lee Landing.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
01...	0754	200	--	--	34	0	28	4.0	130	.04	.01	.05
16...	1032	160	--	--	20	0	16	16	200	.03	.01	.04
29...	0856	0	--	--	36	0	30	130	880	.01	.00	.01
NOV.												
11...	0920	30	--	--	29	0	24	100	730	.10	.00	.10
25...	0747	230	--	--	12	0	10	4.9	40	.27	.00	.27
DEC.												
10...	0850	100	14	27	26	0	21	54	370	.22	.00	.22
JAN.												
02...	0840	160	52	67	35	0	29	130	950	.03	.01	.04
17...	0850	150	1.8	1.6	9	0	7	5.9	15	.14	.01	.15
27...	1155	150	2.9	1.3	8	0	7	3.2	11	.30	.01	.31
FEB.												
10...	1015	20	43	110	43	0	35	220	1500	.01	.00	.01
24...	0940	130	75	15	20	0	16	34	230	.11	.00	.11
MAR.												
10...	1040	10	24	48	31	0	25	100	700	.19	.00	.19
25...	1252	110	6.4	1.4	24	0	20	3.5	14	.10	.01	.11
APR.												
07...	0855	110	5.1	5.9	30	0	25	13	73	.92	.01	.93
15...	1107	50	18	33	26	0	21	72	500	.16	.00	.16
18...	1235	60	15	29	30	0	25	64	420	.19	.01	.20
20...	1312	140	1.9	1.9	11	0	9	4.9	22	.13	.02	.15
21...	1433	10	11	18	26	0	21	39	260	.13	.02	.15
22...	1135	40	14	28	24	0	20	60	410	.12	.00	.12
24...	1305	50	9.8	16	21	0	17	36	230	.14	.00	.14
26...	1232	200	2.4	2.5	21	0	17	4.8	19	.15	.01	.16
28...	1153	120	5.3	6.8	22	0	18	15	87	.22	.00	.22
MAY												
05...	1026	180	2.3	1.4	13	0	11	3.6	11	.15	.01	.16
09...	1148	160	2.2	1.1	8	0	7	4.0	6.0	.26	.01	.27
JUNE												
02...	1705	150	7.1	8.1	20	0	16	28	96	.26	.01	.27
17...	1150	100	1.9	4.1	26	0	21	8.6	36	.13	.01	.14
JULY												
01...	1325	60	5.5	9.3	26	0	21	22	110	.17	.01	.18
15...	0820	190	6.6	8.7	32	0	26	18	36	.07	.01	.08
30...	0915	110	2.0	3.1	15	0	12	7.4	34	.20	.01	.21
AUG.												
12...	1352	120	1.4	2.2	16	0	13	5.7	18	.04	.01	.05
26...	1426	100	3.6	3.1	22	0	18	7.2	29	.07	.01	.08
SEP.												
09...	1711	200	7.1	7.2	29	0	24	15	80	.24	.00	.24
15...	1308	90	10	6.6	42	0	34	15	73	.25	.01	.26

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA. (COE NO. 85615)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
01...	.06	0	65	37	515	6.8	--	30	3	5.3	1.5	290
16...	.10	12	--	--	481	6.2	--	20	3	5.5	1.4	840
29...	.13	132	--	--	3170	7.2	--	8	35	8.1	2.1	180
NOV.												
11...	.05	0	--	--	2530	7.4	--	20	10	8.0	1.9	1400
25...	.10	23	--	--	172	6.7	--	80	20	6.9	1.4	520
DEC.												
10...	.19	156	150	120	1390	7.0	--	70	55	8.8	2.7	--
JAN.												
02...	.12	244	410	380	3380	7.2	11.0	40	45	9.5	2.1	200
17...	.10	83	11	4	91	7.4	9.0	100	50	8.5	2.5	480
27...	.14	65	13	6	44	6.5	13.0	90	50	7.5	2.7	>5000
FEB.												
10...	.04	9	560	530	5160	7.3	9.5	10	8	9.9	--	63
24...	.10	113	250	230	846	7.1	14.5	20	25	9.9	2.7	590
MAR.												
10...	.10	23	260	240	2530	7.0	16.0	20	15	9.2	3.0	180
25...	.14	31	22	2	100	7.0	21.0	35	30	--	1.7	110
APR.												
07...	.32	--	37	12	442	7.2	16.0	85	150	7.2	--	110
15...	.06	432	180	160	1880	7.1	--	20	20	--	.7	360
18...	.11	75	160	140	1540	6.9	20.5	30	30	8.6	.3	540
20...	.09	33	13	4	100	6.8	--	50	15	--	--	750
21...	.09	103	100	79	913	7.3	19.0	20	40	9.9	2.5	220
22...	.04	30	150	130	1540	7.4	19.5	20	30	9.2	1.7	45
24...	.19	20	90	73	908	6.9	23.5	25	15	9.4	2.0	370
26...	.08	17	16	0	108	6.8	--	20	9	10.0	6.0	240
28...	.09	36	41	23	390	7.2	25.0	10	20	6.8	.5	80
MAY												
05...	.11	26	12	1	65	6.8	22.5	75	15	4.8	2.4	--
09...	.55	47	10	3	53	5.8	21.5	85	30	4.2	1.8	490
JUNE												
02...	.12	17	51	35	410	7.7	27.0	70	20	7.9	3.3	<5
17...	.15	61	22	0	1760	6.9	--	75	25	7.6	1.5	250
JULY												
01...	.06	36	52	31	473	6.7	28.5	30	9	6.0	1.5	83
15...	.09	8	52	26	180	7.0	--	60	6	7.8	1.3	--
30...	.14	13	18	6	128	6.9	28.0	40	9	6.2	1.0	92
AUG.												
12...	.15	14	13	0	100	6.8	26.5	60	10	8.1	1.6	110
26...	.44	17	22	4	205	7.4	33.0	55	30	8.6	1.9	<5
SEP.												
09...	.13	27	47	24	254	7.4	31.5	55	25	7.1	3.9	--
15...	.24	120	52	18	364	7.9	29.5	50	40	7.7	.8	--

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA. (COE NO. 85615)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
01...	64	6.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	360	4.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
29...	110	9.6	.00	0	1	.00	.0	.00	.00	.00	.00	.00
NOV.												
11...	390	6.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	240	9.4	.00	0	1	.00	.0	.00	.00	.00	.00	.00
DEC.												
10...	1200	6.1	.00	2	0	.00	.0	.00	.00	.00	.00	.00
JAN.												
02...	10	8.9	.00	0	1	.00	.0	.00	.00	.00	.00	.00
17...	100	9.6	.00	6	1	.00	.0	.00	.00	.00	.00	.00
27...	3600	7.4	.00	4	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
10...	<5	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
24...	120	5.6	.00	2	0	.00	.0	.00	.00	.00	.00	.00
MAR.												
10...	6	8.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	87	7.4	.00	3	0	.00	.0	.00	.00	.00	.00	.00
APR.												
07...	57	22	.00	0	0	--	--	--	--	--	--	--
15...	60	6.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
18...	280	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	98	13	.00	0	0	.00	.0	.00	.00	.00	.00	.00
21...	70	8.6	.00	1	0	.00	.0	.00	.00	.00	.00	.00
22...	20	6.8	.00	1	0	.00	.0	.00	.00	.00	.00	.00
24...	20	20	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	34	9.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	8	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
MAY												
05...	580	9.3	.00	1	0	.00	.0	.00	.00	.00	.00	.00
09...	460	19	.00	2	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
02...	<5	6.7	.00	3	1	.00	.0	.00	.00	.00	.00	.00
17...	<5	10	.00	32	0	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	<5	8.6	.00	30	0	.00	.0	.00	.00	.00	.00	.00
15...	--	6.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	<5	6.2	.00	20	2	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	13	3.6	.00	13	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	8.4	.00	4	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
09...	220	9.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	--	10	.00	1	0	.00	.0	.00	.00	.00	.00	.00

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA. (COE NO. 85615)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.											
01...	.00	.00	.00	.0	0	1	0	1	0	0	0
16...	.00	.00	.00	.0	0	1	0	1	0	0	1
29...	.00	.00	.00	.0	0	2	1	1	0	0	1
NOV.											
11...	.00	.00	.00	.0	0	1	0	1	2	2	0
25...	.00	.00	.00	.0	0	1	0	1	0	0	0
DEC.											
10...	.00	.00	.00	.0	0	2	2	0	0	0	0
JAN.											
02...	.00	.00	.00	.0	0	3	2	1	0	0	1
17...	.00	.00	.00	.0	0	0	0	0	1	1	0
27...	.00	.00	.00	.1	0	1	0	1	5	2	3
FEB.											
10...	.00	.00	.00	.0	0	0	0	0	1	0	5
24...	.00	.00	.00	.0	0	1	1	0	0	0	0
MAR.											
10...	.00	.00	.00	.0	0	2	1	1	0	0	2
25...	.00	.00	.00	.0	0	2	1	1	0	0	1
APR.											
07...	--	--	--	--	--	6	6	0	1	0	1
15...	.00	.00	.00	.0	0	1	1	0	0	0	0
18...	.00	.00	.00	.0	0	1	1	0	0	0	1
20...	.00	.00	.00	.0	0	1	0	1	0	0	0
21...	.00	.00	.00	.1	0	0	0	0	3	3	0
22...	.00	.00	.00	.0	0	0	0	0	0	0	0
24...	.00	.00	.00	.0	0	1	0	1	1	1	0
26...	.00	.00	.00	.0	0	1	1	0	1	1	0
28...	.00	.00	.00	.0	0	2	1	1	0	0	0
MAY											
05...	.00	.00	.00	.0	0	1	0	1	9	9	0
09...	.00	.00	.00	.0	0	0	0	0	0	0	0
JUNE											
02...	.00	.00	.00	.0	0	2	1	1	1	1	0
17...	.00	.00	.00	.0	0	2	1	1	1	1	0
JULY											
01...	.00	.00	.00	.0	0	2	1	1	0	0	0
15...	.00	.00	.00	.0	0	1	1	0	1	1	0
30...	.00	.00	.00	.0	0	1	1	0	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	2	1	1	0	0	0
26...	.00	.00	.00	.0	0	1	0	1	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	2	1	1	0	0	0
15...	.00	.00	.00	.0	0	4	2	2	1	1	0

301945090161500 LAKE PONTCHARTRAIN AT MOUTH OF TANGIPAHOA RIVER, NEAR LEE LANDING, LA. (COE NO. 85615)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
01...	20	0	1	0	1	.0	.0	.0	4	0	4
16...	10	0	9	8	1	.1	.0	.1	0	0	8
29...	<10	0	3	3	0	.1	.1	.0	20	20	4
NOV.											
11...	50	0	6	6	0	.1	.1	.0	10	0	10
25...	<10	0	4	4	0	.0	.0	.0	6	6	0
DEC.											
10...	20	0	13	9	4	.1	.0	.2	40	10	30
JAN.											
02...	<10	0	8	8	0	.1	.0	.1	0	0	10
17...	10	0	8	4	4	.0	.0	.0	10	7	3
27...	<10	0	18	16	2	.0	.0	.4	20	10	10
FEB.											
10...	10	0	3	2	1	.0	.0	.0	0	0	0
24...	<10	0	4	0	4	.0	.0	.0	6	0	20
MAR.											
10...	<10	0	7	4	3	.2	.0	.2	20	10	8
25...	<10	0	8	7	1	.0	.0	.0	10	10	0
APR.											
07...	<10	0	0	0	0	.3	.2	.1	10	0	20
15...	<10	0	6	4	2	.1	.1	.0	5	0	10
18...	<10	0	4	4	0	.1	.1	.0	40	40	1
20...	<10	0	0	0	0	.1	.0	.1	20	20	0
21...	<10	0	7	7	0	.1	.1	.0	10	10	0
22...	<10	0	2	0	3	.1	.0	.1	3	0	3
24...	<10	0	1	1	0	.2	.1	.1	10	5	5
26...	<10	0	1	1	0	.1	.0	.1	7	0	7
28...	<10	0	0	0	0	.3	.0	.3	7	7	0
MAY											
05...	<10	0	8	7	1	.2	.0	.2	20	10	10
09...	<10	0	7	7	0	.1	.0	.1	50	40	7
JUNE											
02...	<10	0	4	4	0	.1	.0	.1	30	0	30
17...	<10	0	2	2	0	.0	.0	.0	10	10	0
JULY											
01...	<10	0	2	2	0	.2	.2	.0	5	5	0
15...	<10	0	8	8	0	.0	.0	.0	30	20	8
30...	<10	0	4	4	0	.1	.0	.1	20	10	8
AUG.											
12...	<10	0	3	3	0	.1	.0	.1	40	30	10
26...	20	0	4	4	0	.0	.0	.0	20	20	0
SEP.											
09...	<10	0	1	0	1	.1	.1	.0	20	10	6
15...	<10	0	13	13	0	.0	.0	.0	30	20	10

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHEFUNCTA RIVER NEAR MADISONVILLE, LA. (COE NO. 85614)

LOCATION.--Lat 30°21'50", long 90°10'20", T.8 S., R.10 E., St. Tammany Parish, 3.2 mi (5.1 km) south of Madisonville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
01...	0802	130	--	--	53	0	43	100	570	.02	.01	.03
16...	1045	50	--	--	27	0	22	120	810	.04	.00	.04
29...	0906	0	--	--	43	0	35	210	1500	.00	.00	.00
NOV.												
11...	0928	90	--	--	31	0	25	130	850	.05	.00	.05
25...	0803	100	--	--	21	0	17	54	340	.12	.00	.12
DEC.												
10...	0902	40	25	51	41	0	34	110	780	.09	.00	.09
JAN.												
02...	0855	110	29	73	33	0	27	170	1100	.05	.01	.06
17...	0900	390	5.6	4.4	6	0	5	11	60	.10	.01	.11
27...	1201	190	5.0	7.4	11	0	9	16	96	.15	.00	.15
FEB.												
10...	1030	80	28	67	35	0	29	140	1100	.08	.01	.09
24...	0950	60	29	68	38	0	31	160	1000	.04	.00	.04
MAR.												
10...	1055	80	18	36	26	0	21	74	530	.13	.00	.13
25...	1300	210	4.6	7.5	11	0	9	16	100	.07	.01	.08
APR.												
07...	0905	250	7.8	14	22	0	18	31	220	.36	.00	.36
15...	1126	140	14	30	21	0	17	66	420	.08	.01	.09
18...	1230	80	17	31	19	0	16	63	440	.14	.01	.15
20...	1255	50	29	68	33	0	27	150	1000	--	--	--
21...	1442	60	21	46	18	0	15	100	680	--	--	--
22...	1130	50	24	58	30	0	25	120	860	.04	.00	.04
24...	1255	20	36	85	41	0	34	160	1200	.15	.00	.15
26...	1227	20	37	76	53	0	43	160	1000	.03	.01	.04
28...	1145	60	32	56	59	0	48	120	800	.16	.01	.17
MAY												
05...	1035	160	3.6	4.3	16	0	13	9.2	58	.08	.01	.09
09...	1140	420	2.7	1.6	6	0	5	4.9	18	.24	.01	.25
JUNE												
02...	1715	50	8.4	13	20	0	16	28	160	.64	.01	.65
17...	1201	70	2.5	5.3	27	0	22	12	63	.02	.01	.03
JULY												
01...	1340	100	5.9	11	20	0	16	25	140	.09	.01	.10
15...	0825	130	4.7	9.6	30	0	25	22	120	.09	.01	.10
30...	0905	200	2.7	2.1	14	0	11	5.4	19	.12	.01	.13
AUG.												
12...	1345	90	3.4	4.5	22	0	18	11	48	.00	.00	.00
26...	1420	190	4.4	6.9	23	0	19	16	77	.32	.00	.32
SEP.												
09...	1705	300	2.2	3.1	16	0	13	6.4	27	.19	.00	.19
15...	1302	260	4.0	4.4	21	0	17	9.4	45	.17	.01	.18

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHEFUNCTA RIVER NEAR MADISONVILLE, LA. (COE NO. 85614)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
01...	.04	0	260	220	1990	6.9	--	30	3	6.2	1.3	220
16...	.58	17	--	--	2760	7.0	--	20	3	6.6	.8	150
29...	.04	19	--	--	4670	7.0	--	7	5	7.5	.2	72
NOV.												
11...	.04	0	--	--	3020	7.4	--	10	4	7.4	1.5	520
25...	.10	87	--	--	900	7.2	--	--	45	7.2	1.1	--
DEC.												
10...	.06	21	270	240	2690	7.2	--	30	15	9.4	1.1	40
JAN.												
02...	.05	34	370	340	3760	7.0	13.0	30	10	7.9	1.1	760
17...	.07	30	32	27	123	6.5	9.5	--	25	7.6	1.9	940
27...	.06	21	43	34	299	6.7	12.0	60	20	8.3	3.3	710
FEB.												
10...	.06	9	350	320	3390	7.2	12.5	20	7	9.0	3.3	360
24...	.06	46	350	320	3390	7.1	14.5	40	15	9.4	2.2	1100
MAR.												
10...	.06	0	190	170	1830	7.1	16.0	40	20	8.6	2.6	1900
25...	.09	3	42	33	342	6.4	22.5	60	20	6.8	1.2	900
APR.												
07...	.09	36	77	59	775	7.2	15.5	90	15	7.4	2.7	510
15...	.06	698	160	140	1630	6.9	--	50	15	7.9	1.0	280
18...	.07	31	170	150	1650	6.9	19.5	25	20	--	--	1900
20...	--	19	350	320	3470	7.5	21.0	15	6	8.0	.1	230
21...	.05	29	240	230	3100	7.3	19.5	40	30	8.7	1.3	260
22...	.02	12	300	280	3020	7.0	19.5	10	10	8.9	2.3	110
24...	.13	5	440	410	4370	7.3	22.5	5	7	10.4	2.1	75
26...	.04	0	410	370	3760	8.1	--	20	3	10.4	2.9	17
28...	.11	26	310	260	3030	8.3	26.0	5	7	7.3	.6	50
MAY												
05...	.09	24	27	14	251	6.9	23.0	80	20	5.6	2.1	570
09...	.09	106	13	8	86	6.2	20.5	60	45	5.8	.2	4200
JUNE												
02...	.08	25	75	58	586	7.3	26.5	65	20	7.2	2.5	5800
17...	.13	64	28	6	243	7.0	--	75	35	8.5	3.7	50
JULY												
01...	.06	34	60	44	558	7.0	28.5	40	9	6.6	1.6	550
15...	.05	15	51	27	436	6.8	--	70	9	7.5	1.2	--
30...	.23	23	15	4	100	6.7	27.0	70	20	4.2	--	810
AUG.												
12...	.59	51	27	9	226	6.6	28.0	40	45	11.0	--	--
26...	.13	3	39	21	320	7.0	32.0	50	15	8.2	1.3	<5
SEP.												
09...	.11	36	18	5	119	7.0	30.5	80	30	5.2	3.1	1300
15...	.08	6	28	11	230	7.4	28.5	70	15	7.2	1.0	40

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHEFUNCTA RIVER NEAR MADISONVILLE, LA. (COE NO. 85614)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
01...	75	11	.00	1	1	.00	.0	.00	.00	.00	.00	.00
16...	13	7.6	.00	6	1	.00	.0	.00	.00	.00	<.01	<.01
29...	14	6.5	.00	2	1	.00	.0	.00	.00	.00	.00	.00
NOV.												
11...	100	6.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	360	9.7	.00	2	1	.00	.0	.00	.00	.00	<.01	.00
DEC.												
10...	36	6.3	.00	12	1	.00	.0	.00	.00	.00	<.01	.00
JAN.												
02...	89	7.5	.00	0	1	.00	.0	.00	.00	.00	.00	.00
17...	380	12	.00	6	0	.00	.0	.00	.00	.00	.00	.00
27...	89	5.9	.00	7	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
10...	63	8.0	.00	5	0	.00	.0	.00	.00	.00	.00	.00
24...	200	7.4	.00	3	1	<.01	.0	.00	.00	.00	.00	.00
MAR.												
10...	460	8.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	97	11	.00	2	0	.00	.0	.00	.00	.00	.00	.00
APR.												
07...	100	12	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	54	8.7	.00	3	0	.00	.0	.00	.00	.00	<.01	.00
18...	1200	10	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	75	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
21...	73	8.5	.00	2	0	.00	.0	.00	.00	.00	.00	.00
22...	34	22	.00	2	0	.00	.0	.00	.00	.00	.00	.00
24...	<5	8.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	9	16	.00	1	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	15	.00	3	0	.00	.0	.00	.00	.00	.00	.00
MAY												
05...	200	14	.00	4	1	.00	.0	.00	.00	.00	.00	.00
09...	680	17	.00	4	0	.00	.0	.00	.00	.00	<.01	.00
JUNE												
02...	130	8.0	.00	2	0	.00	.0	.00	.00	.00	.00	.00
17...	<5	6.7	.00	1	0	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	23	11	.00	50	0	.00	.0	.00	.00	.00	<.01	.00
15...	--	7.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	70	12	.00	29	11	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	--	15	.00	37	--	.00	.0	.00	.00	.00	.00	.00
26...	<5	8.2	.00	3	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
09...	300	15	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
15...	40	19	.00	0	1	.00	.0	.00	.00	.00	.00	.00

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHEFUNCTA RIVER NEAR MADISONVILLE, LA. (COE NO. 85614)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.											
01...	.00	.00	.00	.0	0	1	0	2	1	1	0
16...	.00	.00	.00	.0	0	0	0	1	0	0	1
29...	.00	.00	.00	.0	0	1	0	1	0	0	2
NOV.											
11...	.00	.00	.00	.0	0	1	1	0	0	0	0
25...	.00	.00	.00	.0	0	2	1	1	0	0	2
DEC.											
10...	.00	.00	.00	.0	0	1	0	1	4	4	0
JAN.											
02...	.00	.00	.00	.0	0	0	0	0	0	0	1
17...	.00	.00	.00	.0	0	1	0	1	0	0	1
27...	.00	.00	.00	.1	0	1	0	1	2	1	1
FEB.											
10...	.00	.00	.00	.0	0	1	0	1	1	0	3
24...	.00	.00	.00	.0	0	2	2	0	0	0	0
MAR.											
10...	.00	.00	.00	.0	0	2	2	0	2	0	2
25...	.00	.00	.00	.0	0	2	2	0	0	0	1
APR.											
07...	.00	.00	.00	.0	0	0	0	0	0	0	2
15...	.00	.00	.00	.0	0	1	0	1	0	0	0
18...	.00	.00	.00	.0	0	1	1	0	0	0	0
20...	.00	.00	.00	.0	0	1	1	0	0	0	0
21...	.00	.00	.00	.0	0	0	0	0	1	1	0
22...	.00	.00	.00	.0	0	0	0	0	0	0	0
24...	.00	.00	.00	.0	0	1	1	0	0	0	0
26...	.00	.00	.00	.0	0	1	0	1	0	0	0
28...	.00	.00	.00	.0	0	1	0	1	0	0	0
MAY											
05...	.00	.00	.00	.0	0	1	0	1	1	1	0
09...	.00	.00	.00	.0	0	1	1	0	0	0	0
JUNE											
02...	.00	.00	.00	.0	0	1	1	0	4	4	0
17...	.00	.00	.00	.0	0	1	0	1	1	1	0
JULY											
01...	.00	.00	.00	.0	0	1	0	1	0	0	0
15...	.00	.00	.00	.0	0	1	1	0	0	0	0
30...	.00	.00	.00	.0	0	1	1	0	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	2	1	1	0	0	0
26...	.00	.00	.00	.0	0	1	1	0	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	3	2	1	0	0	0
15...	.00	.00	.00	.0	0	2	0	2	0	0	0

302150090102000 LAKE PONTCHARTRAIN AT MOUTH OF TCHEFUNCTA RIVER NEAR MADISONVILLE, LA. (COE NO. 85614)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
01...	20	0	0	0	0	.0	.0	.0	--	--	30
16...	10	0	3	3	0	.0	.0	.0	10	6	4
29...	10	1	3	2	1	.1	.1	.0	10	0	30
NOV.											
11...	<10	0	1	0	1	.1	.0	.1	0	0	20
25...	<10	0	4	4	0	.1	.0	.1	10	2	8
DEC.											
10...	20	0	15	11	4	.0	.0	.0	20	0	20
JAN.											
02...	<10	0	0	0	8	.0	.0	.0	0	0	10
17...	<10	0	3	2	1	.0	.0	.0	20	10	10
27...	<10	1	15	11	4	.0	.0	.0	10	0	20
FEB.											
10...	<10	0	3	2	1	.0	.0	.0	0	0	5
24...	<10	0	7	7	0	.0	.0	.0	2	0	7
MAR.											
10...	<10	0	8	8	0	.1	.0	.1	10	2	8
25...	<10	0	4	3	1	.0	.0	.0	20	20	0
APR.											
07...	<10	0	3	2	1	.0	.0	.0	7	7	0
15...	<10	0	4	3	1	.0	.0	.0	0	0	0
18...	<10	0	1	0	1	.1	.0	.1	20	20	0
20...	<10	0	0	0	0	.1	.0	.1	20	20	0
21...	<10	0	1	1	0	.0	.0	.0	2	2	0
22...	<10	0	4	3	1	.1	.0	.1	3	0	8
24...	<10	0	2	2	0	.2	.1	.1	7	3	4
26...	<10	0	2	2	0	.2	.1	.1	20	10	6
28...	<10	0	0	0	0	.2	.0	.2	10	10	0
MAY											
05...	<10	0	8	8	0	.2	.0	.2	10	2	8
09...	<10	0	8	5	3	.1	.0	.1	40	40	0
JUNE											
02...	<10	0	1	1	0	.1	.0	.1	60	20	40
17...	<10	0	9	8	1	.0	.0	.0	50	50	0
JULY											
01...	<10	0	0	0	0	.4	.3	.1	8	0	10
15...	<10	0	4	4	0	.1	.0	.1	10	2	8
30...	<10	0	8	8	0	.1	.0	.1	5	5	0
AUG.											
12...	<10	0	0	0	0	.1	.0	.1	50	40	8
26...	10	0	3	3	0	.0	.0	.0	10	10	0
SEP.											
09...	<10	0	3	0	4	.0	.0	.0	30	0	40
15...	<10	0	4	4	0	.1	.1	.0	50	40	6

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL) AT NEW ORLEANS, LA. (COE NO. 76062)

LOCATION.--Lat 30°02'05", long 90°01'55", T.12 S., R.12 E., Orleans Parish, at New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
01...	0913	0	--	--	128	0	105	200	2800	.01	.01	.02
16...	1203	20	89	210	63	0	52	460	3100	.02	.00	.02
29...	1024	0	--	--	63	0	52	450	3200	.00	.00	.00
NOV.												
11...	1036	20	--	--	68	0	56	440	3400	.05	.00	.05
25...	0857	50	--	--	98	0	80	1100	7500	.07	.01	.08
DEC.												
10...	1030	0	63	140	64	0	52	--	2300	.06	.00	.06
JAN.												
02...	0955	20	87	240	71	0	58	540	3800	.04	.00	.04
17...	1010	0	48	110	57	0	47	230	1800	.13	.00	.13
27...	1332	30	39	80	46	0	38	160	1200	.17	.00	.17
FEB.												
10...	1150	20	39	81	41	0	34	170	1200	.13	.01	.14
24...	1100	50	49	130	52	0	43	270	1700	.10	.00	.10
MAR.												
10...	1210	10	51	120	56	0	46	220	1600	.07	.01	.08
25...	1410	10	46	93	52	0	43	180	1300	.13	.01	.14
APR.												
07...	1018	10	52	100	59	0	48	250	1700	.30	.01	.31
15...	1220	0	34	40	76	0	62	88	530	.56	.02	.58
18...	1130	10	33	48	66	0	54	110	650	.06	.01	.07
20...	1200	10	33	32	75	0	62	80	380	.67	.03	.70
21...	1612	0	31	33	75	0	62	77	410	.69	.04	.73
22...	1045	0	30	31	75	0	62	74	390	.71	.05	.76
24...	1212	10	29	19	80	0	66	54	210	.86	.02	.88
26...	1127	10	30	20	81	0	66	51	220	.90	.01	.91
28...	1100	0	30	21	82	0	67	50	200	.88	.02	.90
30...	1138	10	38	60	64	0	52	130	830	.43	.01	.44
MAY												
05...	1215	10	32	34	74	0	61	76	430	.74	.03	.77
09...	1050	0	29	37	70	0	57	74	490	.64	.01	.65
JUNE												
02...	1522	10	41	85	61	0	50	150	1100	.07	.01	.08
17...	1540	10	38	82	60	0	49	160	1200	.00	.00	.00
JULY												
01...	1425	30	35	80	51	0	42	160	1200	.07	.00	.07
15...	0943	0	35	85	50	0	41	170	1200	.10	.02	.12
30...	0740	10	37	89	46	0	38	190	1300	.06	.00	.06
AUG.												
12...	1310	10	39	94	45	0	37	210	1400	.00	.01	.01
26...	1319	10	39	99	47	0	39	190	1300	.01	.00	.01
SEP.												
09...	1525	40	31	63	55	0	45	140	840	.05	.00	.05
15...	1226	60	46	100	53	0	43	210	1400	.01	.00	.01

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL) AT NEW ORLEANS, LA. (COE NO. 76062)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
01...	.06	0	1200	1100	8840	7.8	--	20	2	7.4	1.3	930
16...	.06	19	1100	1000	10000	7.6	--	10	2	8.2	3.1	12
29...	.04	12	--	--	10000	7.2	--	6	2	8.2	1.5	58
NOV.												
11...	.06	0	--	--	10700	7.7	--	8	10	8.2	1.8	98
25...	.07	4	--	--	21400	7.8	--	9	4	7.6	1.0	240
DEC.												
10...	.09	17	730	680	7540	7.8	--	8	4	10.9	2.7	--
JAN.												
02...	.06	19	1200	1100	11500	7.3	13.5	6	4	8.8	2.1	500
17...	.09	13	570	520	5610	7.7	10.5	10	10	10.0	3.1	2200
27...	.08	18	430	390	4110	7.6	14.5	10	20	--	--	3200
FEB.												
10...	.09	22	430	400	4040	7.5	--	20	15	9.4	7.5	300
24...	.09	52	660	620	6150	7.5	16.0	10	30	9.1	1.5	2400
MAR.												
10...	.08	0	620	570	5810	7.3	18.5	10	10	9.5	1.3	3200
25...	.16	0	500	460	4720	7.4	--	20	18	9.2	3.2	1000
APR.												
07...	.06	12	540	490	5340	7.7	16.5	11	7	9.3	3.1	340
15...	.14	61	250	190	2100	7.8	--	12	35	9.2	.9	1300
18...	.02	45	280	230	2480	7.1	18.5	10	25	9.6	.8	1200
20...	.06	46	210	150	1520	8.2	19.0	15	30	8.5	.0	--
21...	.10	47	210	150	1580	7.5	18.0	5	45	9.8	.6	1800
22...	.06	37	200	140	1630	7.9	18.5	5	40	9.7	2.1	720
24...	.09	46	150	84	951	7.8	15.5	45	30	9.4	1.2	190
26...	.12	44	160	94	978	7.9	--	5	30	8.9	1.3	150
28...	.08	42	160	93	934	7.8	19.5	5	30	7.5	.2	280
30...	.06	29	340	290	3120	7.4	--	5	15	6.4	.4	970
MAY												
05...	.14	32	220	160	1760	7.7	24.5	21	20	7.2	.8	--
09...	.08	49	220	170	1930	7.6	24.0	20	30	7.8	.6	270
JUNE												
02...	.12	34	450	400	4150	8.3	27.0	14	10	8.0	4.0	700
17...	.05	19	430	380	4000	7.6	--	8	6	10.3	2.0	220
JULY												
01...	.04	23	420	380	3870	7.9	28.0	5	2	8.6	.7	30
15...	.08	14	440	400	4200	7.5	--	20	4	7.8	1.1	--
30...	.57	12	460	420	4390	7.5	30.5	5	4	8.3	1.5	630
AUG.												
12...	.10	11	480	450	4930	7.8	29.5	10	4	9.3	2.4	110
26...	.09	8	510	470	4670	7.3	31.5	15	4	8.2	1.8	42
SEP.												
09...	.11	23	340	290	3130	7.8	30.5	15	5	7.7	3.2	3400
15...	.07	10	530	490	5090	7.7	28.0	10	6	7.7	.8	310

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL) AT NEW ORLEANS, LA. (COE NO. 76062)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
01...	160	4.8	.00	0	2	.00	.0	.00	.00	.00	.00	.00
16...	8	5.1	.00	0	2	.00	.0	.00	.00	.00	.00	.00
29...	<5	5.8	.00	0	1	--	--	--	--	--	--	--
NOV.												
11...	46	6.8	.00	6	0	.00	.0	.00	.00	.00	.00	.00
25...	52	7.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
DEC.												
10...	100	4.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
JAN.												
02...	28	5.1	.00	0	1	.00	.0	.00	.00	.00	.00	.00
17...	160	6.0	.00	2	0	.00	.0	.00	.00	.00	.00	.00
27...	110	5.5	.00	4	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
10...	15	6.5	.00	1	0	.00	.0	.00	.00	.00	.00	.00
24...	150	5.8	.00	1	0	.00	.0	.00	.00	.00	.00	.00
MAR.												
10...	360	5.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	20	5.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
APR.												
07...	13	5.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	70	8.8	.01	0	0	.00	.0	.00	.00	.00	.00	.00
18...	76	5.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	180	9.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
21...	97	4.8	.00	1	0	.00	.0	.00	.00	.00	.00	.00
22...	26	31	.00	2	0	.00	.0	.00	.00	.00	.00	.00
24...	9	9.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	11	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	20	5.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	11	5.3	.00	0	0	.00	.0	.00	.00	.00	.00	.00
MAY												
05...	3700	5.9	.00	1	0	.00	.0	.00	.00	.00	.00	.00
09...	150	5.0	.00	4	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
02...	63	9.8	.00	1	0	--	--	--	--	--	--	--
17...	<5	6.1	.00	31	0	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	<5	6.4	.00	11	2	.00	.0	.00	.00	.00	.00	.00
15...	--	4.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	<5	6.6	.00	64	5	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	33	3.0	.03	19	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	4.4	.00	2	0	--	--	--	--	--	--	--
SEP.												
09...	300	6.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	<5	20	.00	0	0	.00	.0	.00	.00	.00	.00	.00

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL) AT NEW ORLEANS, LA. (COE NO. 76062)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.											
01...	.00	.00	.00	.0	0	2	0	2	10	10	0
16...	.00	.00	.00	.0	0	1	1	0	8	7	1
29...	--	--	--	--	--	1	0	1	3	0	3
NOV.											
11...	.00	.00	.00	.0	0	1	0	1	3	3	0
25...	.00	.00	.00	.0	0	1	0	1	12	12	0
DEC.											
10...	.00	.00	.00	.0	0	1	0	2	4	3	1
JAN.											
02...	.00	.00	.00	.0	0	0	0	0	0	0	0
17...	.00	.00	.00	.0	0	1	0	1	2	1	1
27...	.00	.00	.00	<.1	0	1	0	1	2	0	2
FEB.											
10...	.00	.00	.00	.0	0	1	0	1	2	0	2
24...	.00	.00	.00	.0	0	1	0	1	0	0	0
MAR.											
10...	.00	.00	.00	.0	0	2	1	1	0	0	2
25...	.00	.00	.00	.0	0	2	1	1	0	0	1
APR.											
07...	.00	.00	.00	.0	0	0	0	0	0	0	1
15...	.00	.00	.00	.0	0	1	0	1	1	1	0
18...	.00	.00	.00	.0	0	1	0	1	0	0	1
20...	.00	.00	.00	.0	0	1	0	1	0	0	0
21...	.00	.00	.00	.0	0	1	0	1	1	1	0
22...	.00	.00	.00	.0	0	0	0	0	0	0	0
24...	.00	.00	.00	.0	0	2	1	1	0	0	0
26...	.00	.00	.00	.0	0	2	1	1	1	1	0
28...	.00	.00	.00	.0	0	1	0	1	0	0	0
30...	.00	.00	.00	.0	0	1	1	0	0	0	0
MAY											
05...	.00	.00	.00	.0	0	2	0	2	1	1	0
09...	.00	.00	.00	.0	0	3	3	0	0	0	0
JUNE											
02...	--	--	--	--	--	1	0	1	1	1	0
17...	.00	.00	.00	.0	0	2	1	1	1	0	1
JULY											
01...	.00	.00	.00	.0	0	1	0	1	0	0	0
15...	.00	.00	.00	.0	0	0	0	0	0	0	1
30...	.00	.00	.00	.0	0	0	0	0	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	1	0	1	0	0	0
26...	--	--	--	--	--	1	1	0	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	3	1	2	0	0	0
15...	.00	.00	.00	.0	0	2	1	1	0	0	0

300205090015500 LAKE PONTCHARTRAIN (IHN CANAL) AT NEW ORLEANS, LA. (COE NO. 76062)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
01...	20	0	7	5	2	.0	.0	.0	30	20	10
16...	<10	0	8	5	3	.1	.0	.1	30	20	8
29...	10	0	2	1	1	.1	.0	.1	20	0	30
NOV.											
11...	<10	0	4	3	1	<.1	.0	.1	10	0	20
25...	<10	0	4	4	0	.1	.0	.1	20	0	30
DEC.											
10...	15	0	12	7	5	<.1	.0	.1	--	--	20
JAN.											
02...	20	1	2	1	1	.0	.0	.0	0	0	8
17...	<10	0	5	5	0	<.0	.0	.0	20	10	10
27...	<10	0	11	11	0	.4	.3	.1	8	0	10
FEB.											
10...	<10	0	9	9	0	<.0	.0	.0	0	0	2
24...	<10	0	4	3	1	<.0	.0	.0	10	5	5
MAR.											
10...	18	0	4	3	1	<.1	.1	.0	5	0	8
25...	<10	0	10	10	0	<.0	.0	.0	0	0	0
APR.											
07...	<10	0	2	2	0	<.1	.0	.1	7	7	0
15...	<10	0	4	2	2	.0	.0	.0	9	9	0
18...	<10	0	3	3	0	<.2	.2	.0	30	30	0
20...	<10	0	1	1	0	.1	.0	.1	10	7	3
21...	<10	0	1	0	1	.1	.0	.1	10	6	4
22...	<10	0	4	0	4	.1	.0	.1	10	10	0
24...	<10	0	4	3	1	.2	.0	.2	20	20	0
26...	<10	0	10	10	0	.2	.0	.2	30	20	10
28...	<10	0	2	2	0	.3	.0	.3	7	7	0
30...	<10	0	0	0	0	.2	.1	.1	20	20	1
MAY											
05...	<10	0	8	6	2	.2	.0	.2	20	10	10
09...	<10	0	4	1	3	<.1	.0	.1	30	20	10
JUNE											
02...	<10	0	4	4	0	.0	.0	.0	40	0	40
17...	<10	0	4	4	0	<.0	.0	.0	10	10	0
JULY											
01...	<10	0	2	2	0	<.1	.1	.0	10	10	0
15...	<10	0	5	5	0	<.0	.0	.0	20	10	8
30...	<10	0	8	8	0	.1	.0	.1	20	20	0
AUG.											
12...	<10	0	3	3	0	<.2	.2	.0	50	50	0
26...	<10	0	0	0	0	.0	.0	.0	30	30	0
SEP.											
09...	<10	0	0	0	0	.0	.0	.0	20	10	10
15...	<10	0	6	6	0	.0	.0	.0	30	30	3

301300089493000 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA. (COE NO. 85683)

LOCATION.--Lat 30°13'00", long 89°49'30", T.9 S., R.14 E., St. Tammany Parish, 3.1 mi (5.0 km) southwest of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
12...	1030	50	35	66	43	0	35	140	1000	.05	.01	.06
12...	1045	50	32	75	41	0	34	160	1100	.05	.00	.05
15...	1240	50	32	71	38	0	31	150	1100	.05	.00	.05
18...	1105	20	40	95	43	0	35	190	1400	.08	.00	.08
20...	1127	20	41	93	47	0	39	210	1400	.00	.00	.00
22...	1020	10	43	99	49	0	40	220	1500	.00	.00	.00
24...	1146	0	36	63	62	0	51	130	910	.35	.01	.36
26...	1107	10	34	48	68	0	56	110	690	.38	.01	.39
28...	0950	10	34	54	56	?	49	140	790	.22	.01	.23
30...	1022	30	33	65	56	0	46	140	950	.14	.00	.14
MAY												
02...	0942	80	24	40	54	0	44	99	580	.17	.01	.18
09...	1027	30	22	30	59	0	48	67	400	.35	.01	.36

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
12...	.03	0	360	320	3600	7.3	--	32	3	8.6	.8	300
12...	.03	2	390	360	3610	7.3	--	18	4	8.8	1.2	290
15...	.04	16	370	340	3750	7.3	--	35	5	9.1	2.1	210
18...	.03	23	490	460	4850	7.3	19.5	12	10	9.4	.8	36
20...	.04	13	490	450	4760	7.7	20.5	14	50	8.3	.3	17
22...	.01	5	520	480	5050	7.8	19.5	5	5	9.6	1.6	40
24...	.04	17	350	300	3430	7.7	21.5	5	9	9.8	1.6	10
26...	.05	16	280	230	2540	8.2	--	8	8	10.0	2.5	<5
28...	.03	5	310	260	3910	8.6	24.0	5	6	8.5	.9	20
30...	.05	21	350	300	3350	7.2	--	15	10	5.8	--	1200
MAY												
02...	.04	38	220	180	2090	7.3	23.0	30	5	7.5	1.6	780
09...	.06	42	180	130	1600	7.3	23.0	30	20	5.9	1.4	620

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
12...	72	8.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
12...	90	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	30	6.6	.00	2	0	.00	.0	.00	.00	.00	.00	.00
18...	<5	20	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	6	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	<5	--	.00	1	0	.00	.0	.00	.00	.00	.00	.00
24...	<5	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	6.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	6.9	.00	6	0	.00	.0	.00	.00	.00	.00	.00
30...	160	21	.00	0	0	.00	.0	.00	.00	.00	.00	.00
MAY												
02...	350	8.8	.01	1	0	.00	.0	.00	.00	.00	.00	.00
09...	<5	9.7	.00	1	0	.00	.0	.00	.00	.00	.00	.00

301300089493000 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA. (COE NO. 85683)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
APR.											
12...	.00	.00	.00	.0	0	1	1	0	0	0	0
12...	.00	.00	.00	.0	0	0	0	0	1	1	0
15...	.00	.00	.00	.0	0	1	0	1	3	3	0
18...	.00	.00	.00	.0	0	1	0	1	1	1	0
20...	.00	.00	.00	.0	0	1	0	1	0	0	0
22...	.00	.00	.00	.0	0	0	0	0	0	0	0
24...	.00	.00	.00	.0	0	1	1	0	1	1	0
26...	.00	.00	.00	.0	0	1	1	0	0	0	0
28...	.00	.00	.00	.0	0	1	0	1	0	0	0
30...	.00	.00	.00	.0	0	1	1	0	1	1	0
MAY											
02...	.00	.00	.00	.0	0	1	1	0	0	0	0
09...	.00	.00	.00	.0	0	1	1	0	1	1	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
APR.											
12...	<10	0	1	1	0	.1	.0	.1	7	0	10
12...	<10	0	5	5	0	.1	.1	.0	0	0	4
15...	<10	0	6	5	1	.1	.0	.1	10	4	6
18...	<10	0	1	1	0	.5	.0	.5	20	20	0
20...	<10	0	17	17	0	.0	.0	.0	10	10	0
22...	<10	0	2	1	1	.0	.0	.0	3	0	3
24...	<10	0	1	1	0	.1	.0	.1	20	20	0
26...	<10	0	4	4	0	.1	.1	.0	10	9	1
28...	<10	0	0	0	1	.3	.0	.3	10	10	0
30...	<10	0	0	0	0	.1	.0	.1	20	20	2
MAY											
02...	<10	0	0	0	0	.2	.1	.1	10	8	2
09...	<10	0	7	6	1	.1	.0	.1	30	30	0

301300089493000 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA. (COE NO. 85683)--Continued

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2900	---	2000	2200	1600	1100	880	790	600	920	500	1000
2	3100	---	2200	1500	1600	1100	1000	770	580	850	600	900
3	3200	---	2100	1500	1600	1100	980	650	600	560	550	2000
4	3400	---	1900	1800	1600	---	940	700	570	590	500	1000
5	3300	---	2200	2000	1600	970	960	500	550	560	500	1200
6	3200	---	1900	1900	1600	930	1100	510	690	590	300	890
7	3100	---	1800	1400	1700	960	1100	460	560	500	500	980
8	2800	---	1900	1900	1700	980	1200	280	580	560	450	1000
9	2800	---	1800	1900	1600	710	680	540	570	400	260	1000
10	2800	---	1800	1700	1600	710	1000	530	600	350	400	1000
11	2500	---	1800	1800	970	730	1100	440	540	280	360	940
12	2500	---	1900	1400	1500	750	1000	470	410	460	260	840
13	2900	---	2100	1400	1500	920	640	470	410	580	260	870
14	2900	---	2000	1300	1600	920	500	500	550	600	300	950
15	3100	---	2100	1300	990	900	600	500	540	620	420	980
16	2800	---	2100	1800	970	1200	700	520	540	630	300	1100
17	2400	---	1600	1900	840	1200	1000	600	710	790	280	2600
18	2700	---	1500	1100	900	1200	1100	640	720	860	340	2100
19	1900	---	1800	1500	960	930	1100	650	500	800	380	2000
20	2400	---	1900	1600	910	890	930	680	610	640	370	1900
21	2700	---	1300	1800	980	1100	1300	550	610	520	370	1900
22	3600	---	1400	1300	760	1100	380	580	580	670	460	2800
23	2700	---	2000	1500	800	1200	1100	600	580	550	800	2600
24	2900	---	2000	1600	1100	1300	1300	580	1900	650	1100	1900
25	2700	---	2000	1600	1100	1100	1100	460	1300	650	900	2000
26	2700	---	2000	1600	1000	1000	1100	500	800	550	800	1800
27	3200	---	2100	1700	1200	480	1100	480	720	900	1400	1800
28	3100	---	1500	1700	1100	670	1000	520	610	550	1000	1800
29	---	---	2000	1600	---	670	960	480	660	750	1100	2000
30	3500	---	2100	1700	---	780	920	380	720	700	1100	1900
31	3900	---	2100	1600	---	820	---	300	---	600	1000	---
MONTH	2900	---	1900	1600	1300	---	960	540	660	620	580	1500

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA. (COE NO. 85430)

LOCATION.--30°17'30", long 90°18'00", T.9 S., R.9 E., St. John the Baptist Parish, 6.1 mi (9.8 km) east of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
01...	0738	20	--	--	56	0	46	190	580	.06	.01	.07
16...	1020	30	--	--	22	0	18	80	530	.02	.00	.02
29...	0848	10	--	--	32	0	26	120	830	.01	.00	.01
NOV.												
11...	0913	10	--	--	33	0	27	16	950	.06	.00	.06
25...	0744	60	--	--	20	0	16	78	550	.14	.00	.14
DEC.												
10...	0842	30	21	54	34	0	28	110	740	.14	.00	.14
JAN.												
02...	0830	70	15	33	36	0	30	66	460	.20	.01	.21
17...	0840	290	8.8	13	18	0	15	30	180	.23	.01	.24
27...	1142	130	6.7	12	18	0	15	22	140	.17	.01	.18
FEB.												
10...	1010	60	30	70	36	0	30	140	980	.55	.01	.56
24...	1035	90	17	37	30	0	25	53	350	.19	.01	.20
MAR.												
10...	1035	50	11	20	20	0	16	43	290	.30	.01	.31
25...	1245	120	8.7	12	27	0	22	26	160	.30	.01	.31
APR.												
07...	0847	100	14	23	32	0	26	50	350	.22	.01	.23
14...	1600	0	23	44	32	0	26	92	650	.14	.01	.15
15...	1040	40	27	54	39	0	32	100	700	.12	.01	.13
18...	1245	160	17	15	28	0	23	30	190	.22	.01	.23
20...	1305	120	11	17	28	0	23	38	250	.24	.00	.24
21...	1425	70	5.3	7.1	19	0	16	15	91	.19	.00	.19
22...	1145	80	8.1	13	23	0	19	27	180	.23	.01	.24
24...	1310	150	8.1	11	27	0	22	22	140	.23	.01	.24
26...	1239	90	6.7	9.0	26	0	21	18	120	.24	.01	.25
28...	1200	90	6.7	9.5	26	0	21	20	120	.23	.00	.23
MAY												
05...	1016	90	9.1	7.3	26	0	21	15	94	.22	.01	.23
09...	1157	110	5.1	5.0	24	0	20	10	56	.23	.02	.25
JUNE												
02...	1700	60	12	12	30	0	25	29	150	.28	.01	.29
17...	1140	170	1.4	2.9	27	0	22	5.3	23	.13	.01	.14
JULY												
01...	1310	80	3.2	4.9	20	0	16	12	55	.09	.01	.10
15...	0815	190	1.8	3.3	29	0	24	7.6	31	.02	.01	.03
30...	0921	120	2.2	3.4	15	0	12	7.4	34	.05	.01	.06
AUG.												
12...	1400	180	1.5	2.8	16	0	13	5.9	19	.03	.00	.03
26...	1433	220	4.4	4.4	20	0	16	9.1	39	.12	.01	.13
SEP.												
09...	1720	200	3.3	2.9	25	0	21	5.4	17	.21	.00	.21
15...	1352	170	3.2	4.0	21	0	17	8.2	37	.34	.01	.35

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA. (COE NO. 85430)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
01...	.05	2	270	220	2110	6.8	--	20	6	7.2	2.4	84
16...	.05	7	--	--	1870	6.8	--	40	9	8.1	.0	140
29...	.11	98	--	--	2870	6.7	--	20	30	7.4	1.9	28
NOV.												
11...	.05	10	--	--	3560	7.4	--	10	15	8.3	1.6	420
25...	.09	49	--	--	1950	7.5	--	30	20	8.7	.8	20
DEC.												
10...	.11	56	270	250	2580	7.5	--	30	20	8.1	.1	110
JAN.												
02...	.16	142	170	140	1640	7.1	12.5	60	50	8.6	1.2	23
17...	.11	35	76	61	582	7.1	9.5	70	25	9.0	1.7	220
27...	.09	39	66	51	551	7.2	13.0	--	35	9.1	3.5	91
FEB.												
10...	.07	35	360	330	3440	7.4	12.0	30	25	9.1	6.5	24
24...	.13	77	190	170	1850	7.2	16.5	30	40	9.0	1.6	160
MAR.												
10...	.13	65	110	94	1080	7.1	16.5	30	30	9.4	1.2	550
25...	.13	42	71	49	559	6.9	21.5	50	25	7.7	2.4	190
APR.												
07...	.08	15	130	100	1330	7.1	17.5	90	20	8.3	--	73
14...	.08	59	240	210	2380	7.6	16.5	20	35	9.3	.3	24
15...	.07	--	290	260	2880	7.5	--	20	25	9.0	1.1	140
18...	.09	39	100	77	790	7.4	20.0	45	15	--	--	180
20...	.06	63	97	74	940	7.7	21.0	40	25	7.9	.0	20
21...	.12	65	42	26	381	6.8	18.0	45	65	9.2	.6	220
22...	.06	47	74	55	689	7.3	19.5	40	25	8.0	1.6	380
24...	.11	16	66	44	621	7.1	22.0	5	15	8.7	1.5	320
26...	.09	25	54	33	478	7.2	--	50	20	7.6	.7	140
28...	.09	30	56	35	511	7.0	24.0	15	15	--	1.6	360
MAY												
05...	.04	18	53	32	397	7.0	24.0	55	15	6.3	.9	--
09...	.08	41	33	14	266	6.9	23.5	75	20	7.2	1.5	140
JUNE												
02...	.38	28	79	55	632	7.6	29.0	50	20	8.7	3.8	50
17...	.20	33	15	0	124	7.1	--	65	15	8.6	2.3	130
JULY												
01...	.08	30	28	12	243	7.2	30.0	60	15	6.5	1.3	20
15...	.10	30	18	0	147	7.2	--	80	10	7.4	1.4	--
30...	.16	22	20	8	161	6.9	28.5	50	20	6.7	2.5	230
AUG.												
12...	.17	12	15	2	110	6.9	27.5	60	10	8.0	1.8	120
26...	.19	9	29	13	192	7.0	33.0	60	10	6.9	2.4	120
SEP.												
09...	.14	4	20	0	112	7.4	31.0	45	3	6.8	3.7	10
15...	.22	30	24	7	176	7.4	29.0	50	15	7.7	1.1	250

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA. (COE NO. 85430)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
01...	28	10	.00	2	1	.00	.0	.00	.00	.00	.00	.00
16...	72	6.8	.00	0	1	.00	.0	.00	.00	.00	.00	.00
29...	<5	14	.00	0	1	.00	.0	.00	.00	.00	.00	.00
NOV.												
11...	110	7.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	14	9.7	.00	4	1	.00	.0	.00	.00	.00	.00	.00
DEC.												
10...	88	9.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
JAN.												
02...	18	9.6	.00	0	1	.00	.0	.00	.00	.00	.00	.00
17...	50	7.8	.00	10	0	.00	.0	.00	.00	.00	.00	.00
27...	29	7.6	.00	1	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
10...	<5	8.0	.00	1	0	.00	.7	.00	.00	.00	.00	.00
24...	28	8.3	.00	4	0	.00	.0	.00	.00	.00	.00	.00
MAR.												
10...	350	7.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
25...	14	9.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
APR.												
07...	26	8.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
14...	7	15	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	30	10	.00	3	0	.00	.0	.00	.00	.00	.00	.00
18...	74	25	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	16	14	.00	0	0	.00	.0	.00	.00	.00	.00	.00
21...	110	8.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	31	10	.00	3	0	.00	.0	.00	.00	.00	.00	.00
24...	37	13	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	31	14	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	31	12	.00	0	0	.00	.0	.00	.00	.00	.00	.00
MAY												
05...	110	13	.00	2	0	.00	.0	.00	.00	.00	.00	.00
09...	74	11	.00	2	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
02...	7	7.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
17...	<5	7.1	.00	2	1	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	12	7.6	.00	50	0	.00	.0	.00	.00	.00	.00	.00
15...	--	7.2	.01	0	0	.00	.0	.00	.00	.00	.00	.00
30...	8	9.0	.00	0	3	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	10	8.6	.00	17	0	.00	.0	.00	.00	.00	.00	.00
26...	23	10	.00	2	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
09...	<5	11	.00	1	0	.00	.0	.00	.00	.00	.00	.00
15...	<5	10	.00	0	0	.00	.0	.00	.00	.00	.00	.00

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA. (COE NO. 85430)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
OCT.											
01...	.00	.00	.00	.0	0	1	0	1	0	0	2
16...	.00	.00	.00	.0	0	2	1	1	0	0	3
29...	.00	.00	.00	.0	0	2	2	0	0	0	2
NOV.											
11...	.00	.00	.00	.0	0	1	0	1	0	0	3
25...	.00	.00	.00	.0	0	2	0	2	0	0	3
DEC.											
10...	.00	.00	.00	.0	0	2	1	1	1	1	0
JAN.											
02...	.00	.00	.00	.0	0	4	3	1	1	1	0
17...	.00	.00	.00	.0	0	1	0	1	0	0	3
27...	.00	.00	.00	.2	0	0	0	0	0	0	2
FEB.											
10...	.00	.00	.00	.0	0	1	1	0	0	0	3
24...	.00	.00	.00	.0	0	3	0	3	0	0	0
MAR.											
10...	.00	.00	.00	.0	0	3	3	0	0	0	1
25...	.00	.00	.00	.0	0	1	0	1	0	0	1
APR.											
07...	.00	.00	.00	.0	0	1	1	0	0	0	1
14...	.00	.00	.00	.0	0	1	0	1	1	1	0
15...	.00	.00	.00	.0	0	1	1	0	1	1	0
18...	.00	.00	.00	.0	0	1	0	1	0	0	0
20...	.00	.00	.00	.0	0	2	1	1	0	0	0
21...	.00	.00	.00	.0	0	1	1	0	--	--	0
22...	.00	.00	.00	.0	0	1	1	0	0	0	0
24...	.00	.00	.00	.0	0	2	2	0	0	0	0
26...	.00	.00	.00	.0	0	1	0	1	1	1	0
28...	.00	.00	.00	.0	0	2	1	1	0	0	0
MAY											
05...	.00	.00	.00	.0	0	2	1	1	7	7	0
09...	.00	.00	.00	.0	0	1	1	0	0	0	0
JUNE											
02...	.00	.00	.00	.0	0	2	2	0	0	0	0
17...	.00	.00	.00	.0	0	4	3	1	0	0	0
JULY											
01...	.00	.00	.00	.0	0	3	1	2	1	1	0
15...	.00	.00	.00	.0	0	2	1	1	1	1	0
30...	.00	.00	.00	.0	0	2	1	1	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	3	2	1	0	0	0
26...	.00	.00	.00	.0	0	1	0	1	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	3	1	2	0	0	0
15...	.00	.06	.00	.0	0	2	1	1	0	0	0

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA. (COE NO. 85430)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
01...	10	0	1	0	1	.0	.0	.0	4	4	8
16...	20	0	2	2	0	.0	.0	.0	0	0	8
29...	10	1	5	2	3	.1	.0	.1	10	0	20
NOV.											
11...	<10	0	1	0	1	.1	.0	.1	0	0	10
25...	<10	0	0	0	0	.1	.1	.0	6	6	0
DEC.											
10...	25	0	26	24	2	.1	.0	.2	90	70	20
JAN.											
02...	10	0	10	9	1	.2	.1	.1	0	0	7
17...	<10	0	4	4	0	.0	.0	.0	9	0	10
27...	<10	0	0	0	3	.0	.0	.0	10	4	6
FEB.											
10...	<10	0	2	2	0	.0	.0	.0	0	0	2
24...	<10	0	3	3	0	.1	.0	.1	20	0	30
MAR.											
10...	<10	0	3	2	1	.1	.1	.0	10	0	10
25...	<10	0	10	10	0	.0	.0	.1	0	0	0
APR.											
07...	<10	0	1	0	1	.0	.0	.0	7	0	30
14...	<10	0	9	8	1	.1	.0	.1	10	0	10
15...	<10	0	7	5	2	.0	.0	.0	20	20	0
18...	<10	0	7	4	3	.2	.2	.0	30	30	0
20...	<10	0	3	3	0	.1	.0	.1	40	40	0
21...	<10	0	21	20	1	.1	.0	.1	60	60	0
22...	<10	0	5	4	1	.1	.1	.0	20	20	0
24...	<10	0	4	4	0	.2	.0	.2	10	5	5
26...	<10	0	8	8	0	.2	.0	.2	20	10	6
28...	<10	0	0	0	0	.3	.0	.3	40	40	0
MAY											
05...	<10	0	9	8	1	.2	.0	.2	20	10	10
09...	<10	0	3	2	1	.1	.0	.1	50	40	7
JUNE											
02...	<10	0	3	3	0	.0	.0	.1	50	20	30
17...	<10	0	2	2	0	.0	.0	.0	20	20	0
JULY											
01...	<10	0	1	1	0	.2	.2	.0	10	10	0
15...	<10	0	5	5	0	.0	.0	.0	20	10	10
30...	<10	0	3	3	0	.2	.2	.0	6	6	0
AUG.											
12...	<10	0	3	2	1	.1	.0	.1	60	50	8
26...	<10	0	4	4	0	.0	.0	.0	10	8	2
SEP.											
09...	<10	0	0	0	1	.0	.0	.0	40	30	10
15...	<10	0	4	4	0	.1	.1	.0	80	80	2

301500090300000 MIDDLE OF LAKE MAUREPAS NEAR MANCHAC, LA.

LOCATION.--Lat 30°15'00", long 90°30'00", T.9 S., R.7 E., St. John the Baptist Parish, 8.7 mi (14.0 km) southwest of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: April to September 1975.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
14...	1615	30	9.1	11	29	0	24	26	140	.31	.01	.32
15...	1054	80	9.7	15	26	0	21	33	180	.28	.00	.28
18...	1300	90	12	15	27	0	22	33	200	.29	.01	.30
20...	1320	170	7.5	9.6	18	0	15	22	130	--	--	--
22...	1155	200	9.2	12	25	0	21	26	160	.30	.01	.31
24...	1325	80	8.4	11	24	0	20	28	150	.29	.01	.30
26...	1255	90	7.3	11	34	0	28	35	160	.21	.00	.21
28...	1210	110	6.3	8.1	23	0	19	19	110	.20	.01	.21
MAY												
09...	1208	60	5.9	7.9	21	0	17	17	98	.31	.00	.31
JUNE												
02...	1650	90	3.4	3.4	20	0	16	7.8	31	.37	.01	.38
17...	1127	80	1.6	2.3	20	0	16	4.9	19	.16	.01	.17
JULY												
01...	1255	100	1.5	2.4	26	0	21	6.5	19	.04	.01	.05
15...	0800	220	1.6	2.8	30	0	25	6.0	22	.02	.01	.03
30...	0940	150	1.1	2.7	15	0	12	6.2	21	.12	.01	.13
AUG.												
12...	1412	180	.9	2.1	16	0	13	4.9	12	.03	.00	.03
26...	1445	250	4.4	2.9	26	0	21	5.1	17	.05	.01	.06
SEP.												
09...	1730	190	3.7	4.7	20	0	16	9.9	45	.18	.00	.18
15...	1359	260	2.7	2.7	21	0	17	5.3	16	.12	.00	.12

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
14...	.12	46	68	44	640	7.5	16.5	75	30	9.3	.1	--
15...	.10	25	86	65	797	7.4	--	40	20	9.4	.7	130
18...	.08	19	92	70	759	7.4	19.5	65	15	9.1	.2	40
20...	--	29	58	43	480	7.3	20.0	50	15	8.1	.3	100
22...	.11	22	72	51	629	7.3	19.5	30	25	9.4	1.1	20
24...	.09	21	66	46	620	7.3	21.5	30	15	9.2	1.2	20
26...	.07	10	64	36	590	7.3	--	40	10	8.8	1.0	25
28...	.07	17	49	30	455	7.4	26.0	5	15	7.5	.7	60
MAY												
09...	.16	32	47	30	429	7.1	24.5	50	20	7.8	1.6	--
JUNE												
02...	.09	12	22	6	158	7.8	26.0	90	20	8.9	4.0	<5
17...	.09	26	13	0	110	6.9	--	75	25	7.1	6.6	10
JULY												
01...	.09	99	14	0	105	7.3	28.0	50	13	7.3	1.3	80
15...	.14	30	16	0	128	7.2	--	60	7	8.0	1.7	--
30...	.15	2	14	2	125	7.2	28.5	40	7	7.3	--	140
AUG.												
12...	.67	11	11	0	81	7.1	29.0	50	10	10.2	3.4	70
26...	.18	0	23	2	98	7.0	32.5	60	5	7.3	1.3	16
SEP.												
09...	.13	44	29	12	210	7.2	30.6	55	25	7.8	3.2	73
15...	.12	13	18	1	106	7.5	29.0	45	3	8.4	--	43

301500090300000 MIDDLE OF LAKE MAUREPAS NEAR MANCHAC, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
14...	--	3.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	<5	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
18...	<5	18	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	21	14	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	9	15	.00	2	0	.00	.0	.00	.00	.00	.00	.00
24...	<5	6.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	6	13	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	18	.00	6	0	.00	.0	.00	.00	.00	.00	.00
MAY												
09...	--	8.5	.00	2	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
02...	<5	8.1	.00	0	0	.00	.0	.00	.00	.00	.00	.00
17...	<5	10	.00	--	0	.00	.0	.00	.00	.00	.00	.00
JULY												
01...	<5	11	.00	5	0	.00	.0	.00	.00	.00	.00	.00
15...	--	3.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	<5	8.2	.00	0	18	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	<5	7.4	.01	12	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	9.4	.01	1	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
09...	30	22	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	8	12	.00	0	0	.00	.0	.00	.00	.00	.00	.00

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
APR.											
14...	.00	.00	.00	.0	0	1	1	0	1	1	0
15...	.00	.00	.00	.0	0	1	1	0	0	0	0
18...	.00	.00	.00	.0	0	1	0	1	4	4	0
20...	.00	.00	.00	.4	0	1	0	1	0	0	0
22...	.00	.00	.00	.0	0	0	0	0	0	0	0
24...	.00	.00	.00	.0	0	2	2	0	0	0	0
26...	.00	.00	.00	.0	0	1	0	1	1	1	0
28...	.00	.00	.00	.0	0	2	1	1	0	0	0
MAY											
09...	.00	.00	.00	.0	0	0	0	0	0	0	0
JUNE											
02...	.00	.00	.00	.0	0	1	0	1	2	2	0
17...	.00	.00	.00	.0	0	3	2	1	1	1	0
JULY											
01...	.00	.00	.00	.0	0	3	2	1	2	2	0
15...	.00	.00	.00	.0	0	1	0	1	1	1	0
30...	.00	.00	.00	.0	0	2	1	1	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	3	2	1	0	0	0
26...	.00	.00	.00	.0	0	2	1	1	1	1	0
SEP.											
09...	.00	.00	.00	.0	0	3	2	1	0	0	0
15...	.00	.00	.00	.0	0	2	0	2	0	0	0

301500090300000 MIDDLE OF LAKE MAUREPAS NEAR MANCHAC, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
APR.											
14...	<10	0	17	16	1	.1	.1	.0	6	6	0
15...	10	0	6	6	0	.0	.0	.0	20	20	4
18...	<10	0	4	3	1	.1	.0	.1	30	30	0
20...	<10	0	0	0	0	.1	.0	.1	10	10	0
22...	<10	0	1	0	3	.1	.0	.1	3	3	0
24...	<10	0	2	2	0	.2	.1	.1	2	0	2
26...	<10	0	3	3	0	.3	.2	.1	20	10	10
28...	<10	0	1	1	0	.3	.0	.3	10	10	0
MAY											
09...	<10	0	4	3	1	.1	.0	.1	10	3	7
JUNE											
02...	<10	0	4	4	0	.1	.0	.1	40	10	30
17...	10	0	6	6	0	.0	.0	.0	30	30	0
JULY											
01...	<10	0	8	8	0	.1	.1	.0	30	30	0
15...	<10	0	0	0	0	.0	.0	.0	30	10	20
30...	<10	0	6	6	0	.1	.1	.0	20	20	0
AUG.											
12...	<10	0	0	0	0	.0	.0	.0	60	50	8
26...	30	0	0	0	0	.0	.0	.0	20	20	0
SEP.											
09...	<10	0	3	3	0	.0	.0	.0	30	30	1
15...	<10	0	4	4	0	.0	.0	.0	20	20	2

301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA. (COE NO. 85700)

LOCATION.--Lat 30°10'02", long 89°44'13", T.10 S., R.15 E., Orleans Parish, at U.S. Highway 90, 6.4 mi (10.3 km) southeast of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
12...	0945	20	39	83	46	0	38	180	1200	.03	.01	.04
12...	1000	10	50	96	43	0	35	190	1300	.00	.00	.00
16...	1045	60	43	98	0	0	0	210	1500	.07	.00	.07
18...	1045	0	45	95	57	0	47	210	1400	--	.01	--
20...	1122	10	41	86	56	0	46	210	1300	--	--	--
22...	1008	0	42	94	56	0	46	210	1400	.06	.00	.06
24...	1133	10	42	95	52	0	43	200	1400	.00	.01	.01
26...	1056	20	34	58	63	0	52	140	800	.37	.01	.38
28...	0955	0	32	50	67	0	55	110	720	.33	.02	.35
30...	1029	10	31	46	66	0	54	110	650	.38	.01	.39
MAY												
02...	0950	0	29	32	70	0	57	64	370	.62	.01	.63
09...	1017	0	23	29	63	0	52	62	370	.54	.01	.55

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
12...	.05	10	440	400	4360	7.6	--	21	10	9.0	1.8	140
12...	.04	10	520	480	4360	7.6	--	19	10	9.1	1.6	87
16...	.03	15	510	510	5200	3.9	17.5	9	6	9.6	.7	93
18...	.04	3	500	460	4910	7.9	19.5	13	5	9.1	.5	14
20...	.04	17	460	410	4310	8.0	20.0	10	6	8.5	.0	83
22...	.03	15	490	440	4890	7.1	19.0	5	10	9.6	2.1	360
24...	.28	11	500	460	4940	7.5	21.5	10	4	10.6	2.5	80
26...	.07	16	320	270	3070	7.8	--	18	8	8.3	.8	25
28...	.05	20	290	230	2660	8.0	24.0	10	10	7.9	.3	25
30...	.06	14	270	220	2430	7.6	--	10	9	7.5	.8	25
MAY												
02...	.06	36	200	150	1630	7.7	23.0	13	15	7.7	.5	60
09...	.06	60	180	130	1480	7.5	23.5	20	35	7.7	1.1	--

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
12...	26	16	.00	0	0	.00	.0	.00	.00	.00	.00	.00
12...	20	5.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	11	14	.03	0	0	.00	.0	.00	.00	.00	.00	.00
18...	<5	5.7	.00	0	2	.00	.0	.00	.00	.00	.00	.00
20...	<5	20	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	<5	22	.00	2	0	.00	.0	.00	.00	.00	.00	.00
24...	<5	20	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	5.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	5	17	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	<5	4.1	.00	3	0	.00	.0	.00	.00	.00	.00	.00
MAY												
02...	<5	16	--	0	0	.00	.0	.00	.00	.00	.00	.00
09...	--	13	.00	0	0	.00	.0	.00	.00	.00	.00	.00

301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA. (COE NO. 85700)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
APR.											
12...	.00	.00	.00	.0	0	1	1	0	0	0	0
12...	.00	.00	.00	.0	0	2	2	0	1	1	0
16...	.00	.00	.00	.0	0	1	0	1	0	0	1
18...	.00	.00	.00	.0	0	1	0	1	1	1	0
20...	.00	.00	.00	.0	0	2	0	2	0	0	0
22...	.00	.00	.00	.0	0	0	0	0	0	0	0
24...	.00	.00	.00	.0	0	1	1	0	0	0	0
26...	.00	.00	.00	.0	0	1	1	0	1	1	0
28...	.00	.00	.00	.0	0	1	0	1	0	0	0
30...	.00	.00	.00	.0	0	1	0	1	1	1	0
MAY											
02...	.00	.00	.00	.0	0	1	1	0	2	1	1
09...	.00	.00	.00	.0	0	2	2	0	0	0	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
APR.											
12...	<10	0	0	0	0	.0	.0	.0	4	0	10
12...	<10	0	4	4	0	.1	.0	.1	10	6	4
16...	<10	0	8	0	13	.1	.0	.1	0	0	6
18...	<10	0	41	40	1	.1	.0	.1	60	60	0
20...	<10	0	0	0	0	.0	.0	.0	20	20	0
22...	<10	0	10	9	1	.0	.0	.0	20	20	0
24...	<10	0	6	6	0	.1	.0	.1	7	7	0
26...	<10	0	0	0	0	.3	.0	.3	10	6	4
28...	<10	0	0	0	0	.2	.0	.2	9	9	0
30...	<10	0	3	3	0	.3	.0	.3	20	20	2
MAY											
02...	<10	0	0	0	0	.1	.0	.1	20	20	1
09...	10	0	0	0	2	.2	.1	.1	40	20	20

CHLORIDE (MG/L AS CL), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3200	4500	2300	1900	700	450	880	640	570	650	1400	1400
2	3300	4400	2300	1900	690	450	1300	330	690	900	950	1400
3	3300	3300	2300	2000	700	500	1200	330	690	910	950	1600
4	3300	3600	2400	2000	460	500	1300	370	610	890	950	2100
5	4400	2600	2400	2000	460	500	960	380	760	900	---	2400
6	4500	4500	2500	980	1600	1300	1200	270	830	760	600	2300
7	2700	3000	2700	950	1600	950	950	290	760	730	500	2200
8	2700	3600	2700	960	530	1100	970	290	690	730	500	2100
9	2700	2900	2700	930	500	550	1000	380	590	720	600	2100
10	3700	3700	2700	900	670	450	1000	520	550	720	500	1500
11	3700	2700	2700	630	350	550	1000	570	670	560	550	1500
12	3400	2700	3200	640	800	500	1000	540	670	1000	650	1400
13	2800	2100	3200	2000	840	950	480	580	800	1000	550	1400
14	3200	3300	3200	2000	820	1000	500	580	800	1000	550	1400
15	3100	3100	3200	1000	840	1400	490	640	800	1300	460	850
16	4600	2800	2400	1000	1100	600	1500	620	840	1400	300	1600
17	3000	3100	1500	400	860	700	1500	610	820	1300	500	1600
18	5000	3200	1500	490	880	700	1400	580	550	1300	400	1600
19	3300	3100	1500	770	770	1100	1300	540	550	1200	300	2000
20	5300	2600	1500	820	1200	1100	1300	520	600	1200	950	1800
21	2700	2500	1600	1100	730	1100	1200	310	690	1100	850	1900
22	4900	2600	2400	280	1900	1100	1400	310	690	1200	950	1900
23	3300	2500	2500	320	1400	760	1500	220	3200	1900	2100	1100
24	5600	2600	2400	310	1200	690	1400	220	3200	1800	2200	1200
25	2600	2500	2400	350	1200	1300	930	240	1600	1800	2200	1200
26	4000	2000	2400	370	700	1300	950	240	1000	1800	1600	1200
27	3400	3000	2400	380	700	1300	960	310	1100	1600	1600	1200
28	5500	2300	1900	360	700	1200	790	240	1100	1600	1600	1200
29	2700	2200	1900	310	---	1200	1000	370	1000	1600	1400	2300
30	4200	2300	1900	530	---	1100	640	180	1100	1600	1600	1300
31	5200	---	1900	430	---	880	---	550	---	1200	1400	---
MONTH	3700	3000	2300	940	890	880	1100	410	950	1200	---	1600

294528092154801 SCHOONER BAYOU (INLAND WATERWAY) AT CONTROL STRUCTURE (EAST) NEAR FORKED ISLAND, LA. (COE NO. 76600)

LOCATION.--Lat 29°45'28", long 92°15'48", T.15 S., R.2 E., Vermilion Parish, on southeast fender of structure, 5.4 mi (8.7 km) southeast of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	120	2100	200	200	110	250	550	300	110	110	240	80
2	60	2200	280	160	120	290	1000	170	130	50	260	80
3	100	2300	250	44	120	260	500	200	140	78	100	78
4	630	2400	360	130	120	710	700	110	140	110	100	220
5	150	650	60	220	130	270	630	180	130	110	100	75
6	280	270	340	150	120	330	610	170	140	110	110	180
7	80	210	480	150	130	140	640	250	140	110	100	76
8	640	150	440	79	140	240	890	280	130	110	110	87
9	180	150	110	160	160	250	930	320	130	110	110	110
10	510	90	230	130	160	780	960	180	190	110	100	120
11	560	120	220	150	170	500	690	180	170	100	100	120
12	570	250	220	150	220	610	280	150	79	100	110	160
13	670	210	280	160	160	1000	600	170	110	84	95	83
14	690	290	130	170	140	630	420	160	110	88	95	120
15	1200	860	230	170	160	350	420	160	80	98	85	69
16	800	1300	98	180	180	430	180	170	63	94	85	73
17	1000	770	230	180	300	560	220	160	54	98	85	140
18	950	680	270	150	300	580	420	160	150	130	85	100
19	660	600	170	150	320	72	640	150	85	85	---	120
20	760	250	220	150	110	95	500	150	150	120	90	140
21	1300	180	320	150	370	410	500	150	130	120	72	90
22	1400	170	230	160	490	430	740	150	150	120	78	86
23	1500	180	150	130	820	86	750	150	160	120	69	84
24	1500	130	120	130	---	72	430	120	160	100	67	85
25	1600	200	230	120	210	30	340	140	89	110	160	85
26	1700	140	---	130	130	240	600	92	76	110	110	80
27	1700	170	86	140	160	110	600	160	110	110	160	---
28	1700	100	220	120	170	610	580	150	110	110	90	80
29	1800	430	220	110	---	600	380	150	110	110	72	80
30	2000	210	100	170	---	580	480	170	110	120	87	74
31	1900	---	---	110	---	510	---	170	---	120	80	---
MONTH	930	590	---	150	---	390	570	170	120	110	---	100

294528092154800 SCHOONER BAYOU (INLAND WATERWAY) AT CONTROL STRUCTURE (WEST) NEAR FORKED ISLAND, LA. (COE NO. 76680)

LOCATION.--Lat 29°45'28", long 92°15'50", T.15 S., R.2 E., Vermilion Parish, on southwest fender of structure, 5.4 mi (8.7 km) southeast of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	120	360	210	190	130	250	630	300	110	110	96	80
2	60	870	310	55	130	150	710	180	120	44	100	76
3	59	220	240	62	120	260	450	220	130	80	100	80
4	530	340	230	230	120	270	670	110	140	120	100	100
5	88	500	510	230	120	94	610	140	130	110	100	67
6	230	180	200	190	120	290	610	170	130	110	100	120
7	660	200	470	180	130	240	620	230	130	110	100	120
8	1200	140	430	56	130	220	840	240	130	110	100	86
9	640	120	60	160	150	230	450	180	130	110	100	84
10	110	93	230	120	170	750	690	180	150	110	100	85
11	130	87	230	150	160	490	290	170	160	100	100	100
12	160	260	320	200	130	580	130	160	77	100	95	160
13	97	200	180	170	140	320	440	170	110	84	110	90
14	79	290	280	180	150	550	760	160	110	86	95	81
15	150	98	180	180	130	460	140	160	81	96	85	70
16	200	760	220	190	190	440	92	160	52	98	85	75
17	100	760	230	180	350	760	80	160	48	96	80	85
18	130	680	230	170	290	590	470	130	180	110	85	53
19	260	580	120	160	350	120	360	150	150	110	---	89
20	290	260	150	170	190	270	140	150	150	110	66	96
21	1200	180	220	150	380	340	190	140	130	110	76	90
22	160	170	230	180	460	99	240	150	150	120	84	86
23	660	170	140	130	840	110	300	120	180	110	84	84
24	870	140	120	120	---	1500	390	140	160	120	67	86
25	1600	200	230	120	220	32	240	78	80	110	160	88
26	320	140	---	130	140	280	480	110	100	100	160	79
27	230	190	140	130	140	110	480	160	110	90	110	---
28	1200	90	240	120	140	590	360	140	100	130	80	52
29	540	430	190	130	---	610	180	150	120	110	70	66
30	330	220	98	120	---	580	290	170	110	160	84	74
31	290	---	64	100	---	520	---	180	---	130	76	---
MONTH	410	300	---	150	---	390	410	160	120	100	---	---

294110091533000 VERMILION BAY AT CYPREMORT POINT, LA. (COE NO. 88850)

LOCATION.--Lat 29°41'10", long 91°53'30", R.6 E., T.15 S., St. Mary Parish, at Cypremort Point.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
03...	0813	20	--	--	128	0	105	38	1000	.00	.01	.01
18...	1010	10	--	--	73	0	60	230	1600	.27	.00	.27
31...	1421	10	--	--	25	0	21	320	2200	.46	.01	.46
NOV.												
13...	0821	30	--	--	91	0	75	280	2100	--	--	--
27...	0915	40	76	130	92	0	75	270	2200	--	--	--
DEC.												
12...	1025	0	74	150	89	0	73	360	2700	.15	.00	.15
JAN.												
07...	0855	20	60	120	86	0	71	250	1900	.11	.00	.11
16...	0725	90	19	9.9	64	0	52	22	110	.29	.05	.34
30...	1030	30	49	96	73	0	60	190	1500	.14	.00	.14
FEB.												
13...	0640	40	34	48	68	0	56	110	800	.30	.02	.32
27...	0720	10	31	43	67	0	55	92	720	.32	.03	.35
MAR.												
12...	1140	20	33	31	71	0	58	66	480	.50	.02	.52
27...	0825	20	27	9.4	84	0	69	29	110	.62	.05	.67
APR.												
09...	1045	10	34	31	80	0	66	63	530	.45	.01	.46
23...	1555	30	31	29	80	0	66	64	440	.51	.00	.51
MAY												
07...	1709	10	27	13	88	0	72	35	190	.33	.04	.37
28...	1630	50	21	11	74	0	61	23	180	.78	.01	.79
JUNE												
04...	1512	30	23	15	72	0	59	26	290	.37	.01	.38
19...	1515	40	20	11	61	0	50	19	230	.65	.03	.68
JULY												
02...	1230	10	17	14	56	0	46	29	240	.47	.06	.53
16...	1408	50	77	200	75	0	62	42	2800	.12	.01	.13
30...	1725	20	65	160	61	0	50	320	2400	.01	.01	.02
AUG.												
13...	1914	30	46	14	54	0	44	180	1400	.07	.01	.08
27...	1543	30	29	53	48	0	39	100	870	.01	.01	.02
SEP.												
08...	1810	40	40	13	134	0	110	58	35	.27	.00	.27
17...	1440	20	29	26	50	0	41	47	630	.08	.01	.09

294110091533000 VERMILION BAY AT CYPREMORT POINT, LA. (COE NO. 88850)--Continued

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
03...	.07	2	1100	1000	4330	7.5	--	30	9	7.2	--	210
18...	.14	73	--	--	5500	7.5	--	20	25	8.3	2.3	--
31...	.27	0	--	--	6740	6.0	--	20	10	8.4	2.1	80
NOV.												
13...	--	71	--	--	6960	7.9	--	70	30	8.8	1.3	8
27...	--	46	730	550	7180	7.8	--	30	15	9.5	2.2	--
DEC.												
12...	.06	47	800	730	8230	8.0	--	10	15	9.4	2.3	60
JAN.												
07...	.07	42	640	570	6320	7.6	12.5	30	25	9.4	2.0	18
16...	.24	316	88	35	524	7.4	8.5	--	120	8.7	.8	840
30...	.07	22	520	460	5050	7.8	15.0	30	15	9.7	4.4	100
FEB.												
13...	.19	317	280	230	2850	7.7	13.5	50	80	9.2	4.2	20
27...	.14	95	250	200	2560	7.6	13.5	30	60	9.0	2.5	200
MAR.												
12...	.15	163	210	150	1910	7.5	19.5	30	60	8.9	2.2	320
27...	.22	238	110	41	578	7.7	--	10	150	8.4	1.9	--
APR.												
09...	.11	55	210	150	2010	7.8	20.5	65	45	8.3	1.7	520
23...	.13	94	200	130	1560	7.4	21.5	15	50	8.9	1.0	660
MAY												
07...	.07	126	120	48	843	7.3	26.0	20	--	7.9	3.3	--
28...	.34	68	98	37	759	7.3	--	110	75	6.8	.7	60
JUNE												
04...	.14	66	120	60	1200	7.3	28.5	65	50	7.2	.2	180
19...	.21	84	95	45	910	7.5	29.0	--	65	7.4	3.9	600
JULY												
02...	.15	71	100	54	936	7.7	27.5	40	60	7.0	.9	750
16...	.09	3	1000	950	9310	7.9	--	38	10	9.1	1.0	23
30...	.36	72	820	770	7760	7.7	29.5	20	25	8.1	2.9	50
AUG.												
13...	.14	20	170	130	4860	7.3	--	10	15	7.5	1.0	--
27...	.08	3	290	250	3060	7.5	32.5	30	6	7.2	2.1	92
SEP.												
08...	.27	27	150	44	484	8.2	31.0	5	15	7.2	2.3	20
17...	.11	6	180	140	2240	8.0	29.5	45	15	8.5	--	260

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
03...	180	13	.00	1	1	.00	.0	.00	.00	.00	.00	.00
18...	22	10	.00	0	1	.00	.0	.00	.00	.00	.00	.00
31...	10	7.0	.00	0	1	.00	.0	.00	.00	.00	.00	.00
NOV.												
13...	<5	--	.00	--	1	--	--	--	--	--	--	--
27...	12	--	.00	--	1	.00	.0	.00	.00	.00	.00	.00
DEC.												
12...	<5	6.3	.00	8	1	.00	.0	.00	.00	.00	.00	.00
JAN.												
07...		7.0	.00	2	0	.00	.0	.00	.00	.00	.00	.00
16...	<5	12	.00	4	0	.00	.0	.00	.00	.00	.00	.00
30...	16	6.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
13...	14	14	.00	2	0	.00	.0	.00	.00	.00	.00	.00
27...	70	8.4	.00	2	0	--	--	--	--	--	--	--
MAR.												
12...	31	14	.00	0	0	.00	.0	.00	.00	.00	.00	.00
27...	--	9.3	.00	0	0	.00	.0	.00	.00	.00	.00	.00
APR.												
09...	63	--	.00	0	0	.00	.0	.00	.00	.00	.00	.00
23...	26	7.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
MAY												
07...	--	14	.00	--	0	.00	.0	.00	.00	.00	.00	.00
28...	11	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
04...	34	23	.00	4	0	.00	.0	.00	.00	.00	.00	.00
19...	280	10	.00	--	0	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	57	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	17	5.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	<5	6.8	.00	0	4	.00	.0	.00	.00	.00	.00	.00
AUG.												
13...	--	6.8	.00	0	1	.00	.0	.00	.00	.00	.00	.00
27...	<5	18	.00	0	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
08...	16	5.6	.00	0	13	.00	.0	.00	.00	.00	.01	.01
17...	32	6.2	.00	0	9	.00	.0	.00	.00	.00	.00	.00

294110091533000 VERMILION BAY AT CYPREMORT POINT, LA. (COE NO. 88850)--Continued

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT.											
03...	.00	.00	.00	.0	0	2	0	2	1	0	1
18...	.00	.00	.00	.0	0	1	0	1	1	0	6
31...	.00	.00	.00	.0	0	2	1	1	1	0	2
NOV.											
13...	--	--	--	--	--	2	1	1	1	0	1
27...	.00	.00	.00	.0	0	2	1	1	0	0	2
DEC.											
12...	.00	.00	.00	.0	0	1	1	0	1	1	0
JAN.											
07...	.00	.00	.00	.0	0	0	0	0	1	0	2
16...	.00	.00	.00	.0	0	1	1	0	0	0	0
30...	.00	.00	.00	.2	0	0	0	0	1	0	1
FEB.											
13...	.00	.00	.00	.0	0	3	3	0	0	0	0
27...	--	--	--	--	--	3	2	1	1	0	2
MAR.											
12...	.00	.00	.00	.0	0	4	3	1	1	1	0
27...	.00	.00	.00	.0	0	3	1	2	1	1	0
APR.											
09...	.00	.00	.00	.0	0	2	1	1	0	0	0
23...	.00	.00	.00	.2	0	2	1	1	6	6	0
MAY											
07...	.00	.00	.00	.0	0	2	2	0	9	8	1
28...	.00	.00	.00	.0	0	6	5	1	3	3	0
JUNE											
04...	.00	.00	.00	.0	0	2	2	0	7	7	0
19...	.00	.00	.00	.0	0	4	3	1	4	4	0
JULY											
02...	.00	.00	.00	.0	0	1	0	1	0	0	0
16...	.00	.00	.00	.0	0	1	1	0	0	0	0
30...	.00	.00	.00	.0	0	1	1	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	1	1	0	0	0	0
27...	.00	.00	.00	.0	0	1	0	1	3	3	0
SEP.											
08...	.00	.00	.00	.0	0	2	1	1	0	0	0
17...	.00	.00	.00	.0	0	2	0	2	0	0	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
03...	20	0	1	0	1	.1	.1	.0	8	8	0
18...	<10	0	0	0	3	.1	.0	.1	5	0	8
31...	20	0	1	0	1	.0	.0	.1	20	10	8
NOV.											
13...	10	0	3	3	0	.0	.0	.0	4	4	0
27...	<10	0	3	1	2	.1	.0	.2	0	0	10
DEC.											
12...	0	0	8	8	0	.0	.0	.0	140	120	20
JAN.											
07...	<10	0	0	0	4	.0	.0	.0	0	0	4
16...	10	0	12	11	1	.4	.4	.0	30	30	3
30...	20	0	0	0	2	.9	.2	.7	10	4	6
FEB.											
13...	20	0	11	11	0	.0	.0	.0	10	10	0
27...	<10	0	4	3	1	.1	.0	.1	40	10	30
MAR.											
12...	<10	0	8	4	4	.3	.1	.2	50	20	30
27...	<10	0	9	9	0	.0	.0	.0	30	0	40
APR.											
09...	<10	0	0	0	1	.1	.0	.1	10	6	4
23...	<10	0	14	14	0	.4	.2	.2	30	30	1
MAY											
07...	<10	0	14	13	1	.1	.0	.1	30	30	0
28...	10	0	8	8	0	.2	.0	.2	50	40	10
JUNE											
04...	<10	0	5	5	0	.0	.0	.1	50	20	30
19...	<10	0	11	11	0	.0	.0	.0	40	40	3
JULY											
02...	<10	0	6	6	0	.2	.0	.2	40	40	4
16...	10	0	3	3	0	.0	.0	.0	10	0	20
30...	<10	0	1	1	0	.2	.0	.2	20	20	0
AUG.											
13...	<10	0	4	4	0	.1	.1	.0	50	30	20
27...	20	0	0	0	0	.0	.0	.0	10	10	0
SEP.											
08...	<10	0	0	0	0	.0	.0	.0	10	0	10
17...	<10	0	2	2	0	.1	.1	.0	40	40	4

294110091533000 VERMILION BAY AT CYPREMORT POINT, LA. (COE NO. 88850)--Continued

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1500	2000	1000	---	1500	760	480	350	---	280	2300	---
2	1400	2100	1500	2500	---	---	520	440	360	260	---	430
3	300	1500	2000	2300	1400	760	570	---	370	260	---	380
4	280	1400	1000	---	1400	750	650	---	380	260	---	390
5	280	2300	1000	---	1300	730	620	460	370	---	---	390
6	290	2400	2500	2400	1300	740	---	410	350	---	320	---
7	300	2500	2100	2200	1400	800	710	270	---	280	---	---
8	300	2500	1600	1800	---	720	560	240	---	290	340	---
9	300	2700	1600	1700	---	---	500	340	380	290	360	---
10	300	2400	1100	1500	980	560	600	420	340	460	350	---
11	280	2100	1400	---	860	560	600	470	310	470	1900	360
12	300	2200	2700	---	890	560	---	500	310	---	---	420
13	300	2200	2600	1700	880	470	---	500	280	---	---	380
14	300	2200	4400	1600	840	570	520	470	280	3000	1500	---
15	310	2100	3000	1600	800	---	550	---	---	3800	1300	380
16	310	2500	3400	1900	---	---	570	---	550	2900	1100	300
17	1300	2600	2700	2200	550	680	510	---	260	3600	1000	340
18	1600	2600	2600	---	700	670	350	---	270	3900	---	320
19	1700	2600	2600	---	660	700	400	510	250	2900	900	300
20	1900	2500	3000	1700	700	700	---	500	270	---	800	280
21	2700	2700	2900	1100	720	680	---	410	270	1900	600	---
22	2700	2600	2100	1300	600	720	370	570	---	1700	700	300
23	2700	2700	3000	1400	590	---	390	430	270	1800	1000	260
24	2600	2600	---	1300	---	670	470	---	270	1800	---	280
25	2300	2600	---	---	640	600	450	---	270	1900	1200	1600
26	2300	2100	2500	---	750	740	510	410	280	2000	1000	1500
27	2300	2600	2600	2800	760	370	400	440	290	---	380	---
28	2400	2200	2800	1400	760	280	340	450	---	2000	380	---
29	1600	1200	---	1400	---	420	420	360	---	2100	380	1400
30	2100	1200	2600	1500	---	---	360	330	280	2600	440	1100
31	2000	---	---	1500	---	450	---	330	---	3200	---	---
MONTH	1300	2300	---	---	---	---	---	---	---	---	---	---

294625092244000 WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE RIDGE, AND NEAR FORKED ISLAND, LA. (COE NO. 96123)

LOCATION.--Lat 29°46'25", long 92°24'40", R.1 E., T.15 E., Vermilion Parish, 7.2 mies (11.6 km) southwest of Forked Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemiçal analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
02...	1447	40	--	--	76	0	62	8.8	110	.11	.07	.18
17...	1451	50	--	--	40	0	33	26	130	.18	.03	.21
30...	1340	70	--	--	52	0	43	48	310	.15	.01	--
NOV.												
12...	1527	40	--	--	49	0	40	43	250	.16	.01	.17
26...	1500	70	15	14	44	0	36	32	190	.17	.00	.17
DEC.												
11...	1630	0	14	15	54	0	44	35	200	.13	.01	.14
JAN.												
06...	1555	40	14	16	40	0	33	35	230	.13	.03	.16
15...	1455	190	13	11	39	0	32	27	140	.13	.05	.18
30...	0957	80	8.9	9.8	42	0	34	20	170	.16	.02	.18
FEB.												
12...	1455	70	9.4	9.5	37	0	30	22	130	.11	.03	.14
26...	1440	70	8.8	7.6	36	0	30	18	96	.11	.08	.19
MAR.												
11...	1700	30	8.9	8.2	37	0	30	18	81	.16	.07	.23
27...	1515	80	7.6	7.4	35	0	29	20	98	.08	.07	.15
APR.												
09...	1215	20	14	13	35	0	29	31	190	.22	.06	.28
23...	1348	40	13	13	35	0	29	30	180	.54	.08	.62
MAY												
07...	1433	80	10	9.3	33	0	27	24	130	.32	.07	.39
28...	1513	30	11	10	30	0	25	27	150	.82	.02	.84
JUNE												
03...	1630	30	11	9.4	20	0	16	25	130	1.6	.06	1.7
18...	1731	160	2.2	2.7	25	0	21	2.7	25	.06	.01	.07
JULY												
02...	1515	50	8.7	6.5	31	0	25	16	87	.48	.07	.55
16...	1916	130	4.5	3.6	31	0	25	6.4	36	.10	.02	.12
30...	1648	20	11	11	36	0	30	26	160	.29	.07	.36
AUG.												
13...	1848	10	7.3	26	32	0	26	15	76	.00	.01	.01
27...	1500	110	1.8	1.5	20	0	16	2.6	18	.00	.01	.01
SEP.												
08...	1634	20	7.7	6.3	38	0	31	12	54	.04	.03	.07
17...	1348	60	7.4	5.0	40	0	33	10	65	.00	.03	.02

294625092244000 WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE RIDGE, AND NEAR FORKED ISLAND, LA. (COE NO. 96123)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
02...	.14	172	75	13	464	7.3	--	150	65	8.3	1.8	140
17...	.13	213	--	--	515	7.4	--	--	70	--	--	40
30...	.17	237	--	--	1170	7.2	--	--	65	8.1	.9	310
NOV.												
12...	.11	184	--	--	973	7.8	--	100	65	9.5	1.7	300
26...	.13	251	95	59	800	7.4	--	--	110	9.7	3.5	350
DEC.												
11...	.21	202	97	53	790	7.7	--	--	120	10.5	1.6	50
JAN.												
06...	.10	160	100	67	779	7.5	11.5	100	100	10.0	2.3	25
15...	.18	187	78	46	657	7.3	9.0	--	120	10.0	2.7	70
30...	.12	175	63	29	523	7.4	18.0	--	100	8.8	2.1	140
FEB.												
12...	.10	165	63	32	500	7.3	--	110	70	9.6	1.7	130
26...	.49	394	53	23	425	7.3	17.0	140	65	9.4	>9.4	67
MAR.												
11...	.21	507	56	26	435	7.1	21.0	130	60	9.5	4.4	60
27...	.31	966	49	20	455	7.1	--	30	160	8.4	3.6	--
APR.												
09...	.14	619	88	60	794	7.4	21.5	40	130	8.5	1.4	310
23...	.38	662	86	57	766	7.4	22.0	50	35	9.2	.2	220
MAY												
07...	.12	244	63	36	566	7.4	28.5	25	--	8.2	2.3	--
28...	.25	189	69	44	575	6.9	--	80	160	7.3	.6	35
JUNE												
03...	.15	113	66	50	536	6.9	26.5	50	140	7.7	1.7	140
18...	.06	--	17	0	123	6.7	--	40	25	6.2	3.2	1200
JULY												
02...	.11	86	48	23	372	7.3	30.0	70	65	7.2	.8	110
16...	.06	34	26	1	171	6.7	--	70	30	6.7	.6	220
30...	.16	237	73	43	394	7.4	30.0	60	140	7.1	2.3	4300
AUG.												
13...	.25	95	130	99	349	6.8	32.5	60	65	9.1	6.9	--
27...	.06	10	11	0	103	6.7	33.0	70	20	7.6	.7	480
SEP.												
08...	.61	37	45	14	256	7.6	29.5	80	55	8.1	2.0	<5
17...	.07	39	39	6	312	7.5	28.0	80	50	7.5	--	580

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
02...	100	13	.00	2	1	.00	.0	.00	.00	.00	.00	<.01
17...	36	12	.00	2	1	.00	.0	.00	.00	.00	.01	.01
30...	190	--	.00	13	2	.00	.0	.00	.00	.00	.00	.00
NOV.												
12...	48	12	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	70	13	.00	--	1	.00	.0	.00	.00	.00	.00	.00
DEC.												
11...	42	8.4	.00	3	1	.00	.0	.00	.00	.00	.00	.00
JAN.												
06...	9	7.8	.00	9	0	.00	.0	.00	.00	.00	.00	.00
15...	24	11	.00	1	1	.00	.0	.00	.00	.00	.00	.00
30...	36	9.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
12...	--	12	.00	2	0	.00	.0	.00	.00	.00	.00	.00
26...	45	13	.00	2	0	.00	.0	.00	.00	.00	.00	.00
MAR.												
11...	34	20	.00	0	0	.00	.0	.00	.00	.00	.00	.00
27...	--	23	.00	10	0	.00	.0	.00	.00	.00	.00	.00
APR.												
09...	97	13	.00	0	0	.00	.0	.00	.00	.00	.00	.00
23...	120	23	.00	1	0	.00	.0	.00	.00	.00	.00	.00
MAY												
07...	--	23	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	14	.00	4	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
03...	29	10	.00	0	0	.00	.0	.00	.00	.00	.00	.00
18...	190	12	.00	--	0	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	33	8.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	32	7.4	.00	0	1	.00	.0	.00	.00	.00	.00	.00
30...	600	16	.00	0	16	.00	.0	.00	.00	.00	.00	.00
AUG.												
13...	--	23	.00	4	0	.00	.0	.00	.00	.00	.00	.00
27...	87	29	.00	1	2	.00	.0	.00	.00	.00	.00	.00
SEP.												
08...	<5	9.6	.00	0	31	.00	.0	.00	.00	.00	.00	.00
17...	<5	9.0	.00	0	70	.00	.0	.00	.00	.00	.00	.00

294625092244000 WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE RIDGE, AND NEAR FORKED ISLAND, LA. (COE NO. 96123)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT.											
02...	.00	.00	.00	.0	0	4	3	1	1	1	0
17...	.00	.00	--	.0	0	3	1	2	0	0	0
30...	.00	.00	.00	.0	0	4	3	1	1	0	1
NOV.											
12...	.00	.00	--	.0	0	4	3	1	1	1	0
26...	.00	.00	.00	.0	0	5	4	1	1	0	2
DEC.											
11...	.00	.00	.00	.0	0	4	3	1	1	1	0
JAN.											
06...	.00	.00	.00	.0	0	1	1	0	5	4	1
15...	.00	.00	.00	.0	0	3	2	1	3	2	1
30...	.00	.00	.00	.0	0	2	2	0	1	0	1
FEB.											
12...	.00	.00	.00	.0	0	3	3	0	0	0	1
26...	.00	.00	.00	.0	0	3	3	0	0	0	0
MAR.											
11...	.00	.00	.00	.0	0	8	8	0	1	1	0
27...	.00	.00	.00	.0	0	7	3	4	4	4	0
APR.											
09...	.00	.00	.00	.0	0	3	3	0	--	--	0
23...	.00	.00	.00	.1	0	10	10	0	11	11	0
MAY											
07...	.00	.00	.00	.0	0	4	4	0	3	3	0
28...	.00	.00	.00	.0	0	6	5	1	3	3	0
JUNE											
03...	.00	.00	.00	.0	0	4	4	0	3	3	0
18...	.00	.00	.00	.0	0	2	1	1	8	8	0
JULY											
02...	.00	.00	.00	.0	0	2	2	0	0	0	0
16...	.00	.00	.00	.0	0	1	1	0	0	0	0
30...	.00	.00	.00	.0	0	2	2	0	1	1	0
AUG.											
13...	.00	.00	.00	.0	0	2	2	0	0	0	0
27...	.00	.00	.00	.0	0	1	0	1	0	0	0
SEP.											
08...	.00	.00	.00	.0	0	3	3	0	0	0	0
17...	.00	.00	.00	.0	0	2	1	1	0	0	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
02...	20	0	10	9	1	.1	.0	.1	8	4	4
17...	10	0	4	4	0	.0	--	--	10	10	0
30...	20	1	7	6	1	.1	.0	.1	30	10	20
NOV.											
12...	10	0	12	9	3	.1	.0	.1	8	0	8
26...	<10	0	11	11	0	.1	.0	.2	40	30	6
DEC.											
11...	15	0	40	39	1	.0	.0	.0	90	70	20
JAN.											
06...	10	0	18	17	1	.0	.0	.0	40	40	0
15...	<10	0	15	15	0	.0	.0	.0	60	50	10
30...	<10	0	0	0	2	.0	.0	.1	20	20	0
FEB.											
12...	<10	0	6	5	1	.0	.0	.0	10	10	0
26...	<10	0	9	9	0	.0	.0	.0	40	20	20
MAR.											
11...	<10	0	16	13	3	.2	.0	.2	110	110	0
27...	<10	0	21	21	0	.0	.0	.0	40	40	0
APR.											
09...	--	0	--	--	0	.1	.1	.0	--	--	4
23...	<10	0	25	2	0	.3	.0	.3	40	25	3
MAY											
07...	10	0	22	21	1	.1	.0	.1	50	50	0
28...	10	0	14	14	0	.0	.0	.0	80	60	20
JUNE											
03...	10	0	12	12	0	.0	.0	.1	90	60	30
18...	<10	0	11	11	0	.0	.0	.0	100	90	10
JULY											
02...	<10	0	6	6	0	.1	.0	.1	40	40	0
16...	<10	0	2	2	0	.1	.1	.0	20	0	30
30...	<10	0	10	10	0	.2	.2	.0	40	40	0
AUG.											
13...	<10	0	8	8	0	.1	.0	.1	60	30	30
27...	<10	0	2	2	0	.2	.1	.1	10	0	10
SEP.											
08...	<10	0	9	9	0	.0	.0	.0	30	30	0
17...	<10	0	10	10	0	.2	.2	.0	20	20	2

295148092510100 MERMENTAU RIVER AT CATFISH POINT CONTROL STRUCTURE (NORTH) NEAR GRAND CHENIERE, LA. (COE NO. 70675)

LOCATION.--Lat 29°51'48", long 92°51'01", T.14 S., R.5 W., Cameron Parish, on northwest fender of structure 9.8 mi (15.8 km) northeast of Grnad Cheniere.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	620	7800	50	22	---	450	60	66	---	53	22	26
2	100	1100	40	24	20	120	80	92	33	59	24	90
3	90	1100	40	23	12	110	90	59	36	33	18	25
4	140	1100	50	22	14	130	100	65	47	42	14	23
5	180	590	60	24	16	190	95	69	40	48	18	26
6	1400	340	40	20	22	1800	150	81	40	45	10	200
7	260	330	70	20	18	810	93	62	41	42	12	410
8	400	310	50	19	2.0	110	120	70	43	46	20	160
9	360	280	30	18	35	100	150	43	39	51	18	20
10	3500	200	40	21	18	1000	120	47	47	50	---	27
11	1900	220	70	50	15	130	120	61	53	41	---	21
12	1600	140	60	37	17	110	100	50	54	51	---	22
13	2100	150	60	27	20	650	110	50	32	42	---	22
14	2800	180	50	24	34	320	160	39	31	41	---	22
15	1800	170	50	24	36	240	66	48	31	23	---	22
16	800	170	40	12	44	120	58	44	39	24	---	22
17	700	110	40	9.0	82	86	110	38	48	21	---	24
18	4500	130	40	8.0	92	76	110	38	43	49	15	26
19	910	160	40	8.0	120	110	110	35	63	27	17	25
20	4500	220	40	15	74	47	100	39	47	21	17	49
21	380	220	40	11	71	60	96	41	53	20	15	24
22	910	180	40	11	64	84	90	35	42	16	12	24
23	3800	120	30	7.0	950	74	190	32	44	16	16	28
24	270	190	50	17	240	150	190	37	40	16	16	28
25	3500	160	60	15	2600	130	190	44	67	20	17	22
26	510	120	44	13	2700	390	210	42	45	18	18	32
27	530	110	44	22	160	480	170	42	46	18	22	28
28	380	80	32	25	48	660	160	42	45	20	20	37
29	9100	80	28	19	---	2300	180	54	44	18	18	29
30	9000	60	26	30	---	240	200	40	44	16	24	37
31	8900	---	24	43	---	320	---	37	---	18	28	---
MONTH	2100	540	44	21	---	370	130	50	---	32	---	52

295146092510100 MERMENTAU RIVER AT CATFISH POINT CONTROL STRUCTURE (SOUTH) NEAR GRAND CHENIERE, LA. (COE NO. 70750)

LOCATION.--Lat 29°51'46", long 92°51'01", T.14 S., R.5 W., Cameron Parish, at southwest fender of structure 9.8 mi (15.8 km) northeast of Grand Cheniere.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	560	2500	50	26	---	1400	200	80	---	48	18	28
2	540	4100	40	40	20	1800	90	68	30	43	22	22
3	140	820	40	36	11	1600	110	64	36	36	18	22
4	200	530	100	27	13	1600	130	74	35	43	18	21
5	230	660	300	21	19	4300	100	66	39	47	16	27
6	3000	400	80	23	22	3000	90	71	40	45	32	20
7	2000	350	60	24	16	2300	87	70	40	45	16	660
8	4000	300	50	20	18	2200	110	73	42	44	16	210
9	4200	280	50	20	23	2100	150	68	39	47	16	20
10	1500	210	60	26	26	2000	180	62	44	51	18	26
11	3300	190	60	24	17	3400	160	67	35	53	20	20
12	4000	200	60	20	21	1000	180	54	37	53	20	22
13	3700	150	60	31	21	940	140	53	32	44	16	30
14	3800	180	50	23	36	1000	85	40	30	38	22	22
15	3600	210	50	17	59	1500	97	57	32	26	22	22
16	4000	190	50	12	59	1400	110	64	37	22	20	23
17	4200	190	40	8.0	110	2200	120	42	32	20	18	27
18	2300	130	30	12	92	4900	130	42	46	28	16	23
19	4300	120	40	13	2800	8300	120	33	48	24	14	34
20	6200	220	40	23	1600	7400	100	37	42	21	16	34
21	4700	200	30	8.0	1600	2600	100	41	42	24	14	25
22	6900	260	40	20	1200	1400	84	34	40	18	14	25
23	7900	160	40	8.0	5800	2600	190	34	40	17	16	26
24	7300	140	50	14	2700	2600	250	34	40	15	18	28
25	9500	160	40	18	290	2800	190	40	48	18	18	24
26	10000	150	48	25	260	2200	210	42	40	22	28	32
27	9400	90	47	17	5600	2100	150	42	42	18	18	20
28	9400	80	34	25	1600	3900	170	52	44	18	20	33
29	4700	70	27	23	---	2900	180	50	31	18	24	28
30	80	60	28	32	---	7800	190	37	48	14	22	35
31	70	---	35	42	---	220	---	43	---	16	24	---
MONTH	4100	440	56	22	---	2800	140	53	---	31	19	53

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA.
(National Stream Quality Accounting Network)

LOCATION.--Lat 30°17'59", long 93°11'18", in NW¼NE¼ sec.9, T.9 S., R.8 W., Calcasieu Parish, at bridge on U.S. Highway 171, 5.1 mi mi (8.2 km) north of Lake Charles Post Office.

DRAINAGE AREA.--2,310 mi^2 (5,280 km^2).

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.
Water temperatures: October 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
OCT.										
09...	1600	14	620	90	370	320	49	120	1200	49
NOV.										
05...	1520	16	--	--	--	--	36	79	730	30
DEC.										
03...	1215	10	--	--	--	--	4.4	3.7	30	3.0
JAN.										
20...	1630	9.0	980	320	85	20	3.2	.9	4.4	1.0
FEB.										
12...	1245	11	--	--	--	--	11	14	110	6.0
MAR.										
11...	2030	13	--	--	--	--	3.4	1.4	12	1.4
APR.										
03...	1700	9.1	2100	280	110	70	5.1	2.0	13	1.6
MAY										
07...	1640	4.0	--	--	--	--	3.5	1.3	7.9	1.3
JUNE										
04...	1330	5.4	--	--	--	--	4.3	.7	4.0	1.2
JULY										
17...	1430	6.2	1200	120	120	120	3.6	.8	3.3	1.1
AUG.										
14...	1400	7.5	--	--	--	--	2.6	.5	2.9	1.1
SEP.										
09...	1950	14	--	--	--	--	4.4	2.7	23	2.2

DATE	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)
OCT.									
09...	40	0	33	290	2000	.3	--	--	.21
NOV.									
05...	41	0	34	200	1300	.3	.09	.01	.15
DEC.									
03...	11	0	9	11	53	.1	.04	.01	.13
JAN.									
20...	8	0	7	3.7	5.5	.1	.03	.01	.07
FEB.									
12...	27	0	22	31	190	.9	.09	.01	.22
MAR.									
11...	17	0	14	6.0	18	.2	.09	.02	.10
APR.									
03...	20	0	16	6.1	22	.2	.19	.04	.16
MAY									
07...	9	0	7	3.0	12	.1	.08	.02	.06
JUNE									
04...	10	0	8	5.1	4.9	.0	.09	.00	.08
JULY									
17...	10	0	8	3.4	4.8	.1	.08	.01	.07
AUG.									
14...	8	0	7	4.0	3.6	.1	.07	.00	.04
SEP.									
09...	17	0	14	8.5	37	.2	.09	.01	.07

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA.--Continued

DATE	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)
OCT. 09...	.40	.06	3830	3740	620	580	6530	7.3	25.0
NOV. 05...	.45	.08	2410	2410	420	380	4370	6.7	21.5
DEC. 03...	.57	--	156	121	26	17	231	6.6	12.0
JAN. 20...	.48	.06	39	32	12	5	45	6.5	12.0
FEB. 12...	.68	.10	422	387	85	63	781	6.6	15.0
MAR. 11...	.54	.07	72	64	14	0	97	6.6	20.0
APR. 03...	.94	.14	72	69	21	5	117	6.6	17.5
MAY 07...	.79	.06	52	38	14	7	70	6.1	24.0
JUNE 04...	.51	.07	48	31	14	5	40	6.6	24.0
JULY 17...	.31	.06	40	29	12	4	39	6.9	27.0
AUG. 14...	.62	.06	44	26	9	2	36	5.9	27.0
SEP. 09...	.42	.07	104	100	22	8	162	6.6	--

DATE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	SUSPENDED SEDIMENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT. 09...	--	8	5.5	1.9	1400	--	--	726	87
NOV. 05...	--	15	5.1	2.4	340	810	1600	--	--
DEC. 03...	--	30	10.1	4.9	140	180	20	153	59
JAN. 20...	--	25	8.5	1.6	120	360	150	33	79
FEB. 12...	--	25	7.3	3.5	390	150	250	54	89
MAR. 11...	80	30	8.0	3.7	430	45	75	30	93
APR. 03...	50	45	6.9	2.4	--	110	44	--	--
MAY 07...	85	15	4.5	.2	870	73	170	29	83
JUNE 04...	55	25	5.6	.5	570	370	--	26	92
JULY 17...	75	20	5.5	.3	110	340	2200	14	86
AUG. 14...	80	15	3.6	.4	11	33	70	16	88
SEP. 09...	70	15	5.1	1.9	670	58	20	36	89

DATE	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M	UNCORRECTED PERIPHYTON CHLOROPHYLL B MG/SQ M	TOTAL ORGANIC CARBON (C) (MG/L)	TOTAL ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	TOTAL COBALT (CO) (UG/L)
OCT. 09...	--	--	--	7.7	1	1	0	0	10	0	0
JAN. 20...	--	--	--	7.9	1	1	0	1	<10	0	0
APR. 03...	1.4	1.1	.0	31	1	1	1	0	<10	0	0
MAY 07...	--	--	--	14	--	--	--	--	--	--	--
JULY 17...	--	--	--	9.4	1	0	1	3	<10	0	0

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED COBALT (CO) (UG/L)	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	TOTAL ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 09...	0	3	4	2	5	.3	.2	0	0	10	20
JAN. 20...	0	3	4	6	0	.0	.0	0	0	30	20
APR. 03...	1	4	5	7	2	.0	.0	0	0	0	5
MAY 07...	--	--	--	--	--	--	--	--	--	--	--
JULY 17...	1	5	10	6	2	.2	.0	0	0	90	90

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	9740	333	70	59	---	51	57	67	54	54	58
2	---	8870	233	41	60	---	62	53	40	45	49	53
3	---	10700	442	80	59	---	70	60	41	47	48	53
4	---	11800	326	48	80	---	65	45	40	47	51	123
5	---	4060	609	47	79	---	69	46	47	48	45	121
6	---	2700	1160	48	67	---	64	48	46	48	43	215
7	---	2450	1960	75	68	---	63	72	47	46	44	214
8	---	1600	495	606	70	---	70	73	46	42	45	149
9	---	1200	382	225	63	---	72	60	46	46	33	210
10	8610	1770	423	61	63	---	65	52	46	43	32	110
11	6250	1770	379	59	283	---	84	68	45	44	90	108
12	8420	507	282	59	154	---	67	42	46	56	89	99
13	9810	692	266	44	219	---	52	38	49	58	40	98
14	10600	695	193	39	218	---	52	36	47	47	40	99
15	10800	850	148	42	183	---	58	39	46	42	39	93
16	9380	1960	105	44	844	---	51	48	45	40	39	82
17	9220	1420	74	41	168	---	43	49	47	---	38	102
18	8160	1420	93	57	166	---	42	37	46	38	43	101
19	8420	583	94	64	378	---	55	36	48	40	43	---
20	9040	608	66	46	375	---	48	34	46	42	45	78
21	9940	211	59	54	383	---	47	38	46	49	47	86
22	9220	149	57	53	680	---	48	40	47	54	46	60
23	9430	165	61	54	160	---	55	40	50	54	51	57
24	9720	165	73	55	156	---	56	41	45	51	51	59
25	15400	120	69	55	184	---	50	40	52	50	58	64
26	10500	196	70	54	184	---	50	40	54	45	64	56
27	10100	239	115	53	129	92	48	47	51	44	65	62
28	15400	356	101	49	---	93	45	45	58	43	---	63
29	12300	138	110	68	---	90	49	46	55	39	64	60
30	12300	343	93	52	---	53	61	46	48	52	63	60
31	11700	---	88	53	---	53	---	69	---	40	61	---
MONTH	---	2250	289	77	205	---	57	48	48	---	51	---
YEAR	MAX	15400	MIN	32	MEAN	981						

08015900 CALCASIEU RIVER AT LAKE CHARLES, LA.--Continued

TEMPERATURE (DEG. C) OF WATER , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	23.0	12.0	14.5	18.0	---	18.0	23.0	26.0	26.0	27.0	28.0
2	---	23.0	11.0	15.0	17.0	---	20.0	23.0	25.0	25.0	28.0	32.0
3	---	23.0	11.0	13.0	17.5	---	16.5	24.0	24.0	26.0	28.0	29.0
4	---	23.5	12.0	13.0	18.0	---	17.0	23.0	24.0	26.5	27.0	29.0
5	---	20.5	10.5	13.0	18.0	---	16.5	23.0	24.0	26.5	27.0	29.0
6	---	20.5	11.5	13.0	17.0	---	17.0	23.0	24.0	27.0	27.0	28.0
7	---	18.0	11.0	13.5	14.0	---	17.0	24.0	25.0	27.5	27.0	29.0
8	---	17.5	11.0	16.0	15.0	---	17.0	24.0	25.0	28.0	27.0	27.0
9	---	17.0	12.5	16.5	13.0	---	18.0	25.0	26.0	30.0	26.0	29.0
10	25.0	17.5	11.0	15.0	13.5	---	17.5	24.0	27.0	28.5	26.0	29.0
11	25.0	17.0	11.0	15.5	14.0	---	19.0	24.0	27.0	28.0	28.0	29.0
12	27.0	17.0	12.0	15.0	12.5	---	19.0	25.0	27.0	28.0	27.0	29.0
13	25.0	17.0	11.5	10.0	14.5	---	18.0	24.0	26.0	28.0	28.0	26.5
14	25.0	16.0	11.5	10.0	12.5	---	18.0	23.0	26.0	27.0	28.0	27.0
15	22.0	16.0	12.0	10.5	14.0	---	20.0	23.0	26.0	27.0	29.0	28.0
16	22.0	16.0	12.0	10.5	14.5	---	19.5	24.0	25.0	27.0	28.0	29.0
17	22.0	16.0	11.0	12.0	14.0	---	19.5	23.0	25.0	---	29.0	26.0
18	22.0	16.5	11.0	12.0	14.5	---	19.5	23.0	26.0	28.0	32.0	27.0
19	24.0	19.0	11.5	12.0	15.0	---	20.0	25.0	27.0	27.0	32.0	---
20	22.0	17.0	12.0	12.0	15.0	---	20.0	24.0	27.0	27.5	32.0	25.5
21	24.0	18.0	11.0	13.0	16.0	---	18.0	24.5	28.0	31.0	33.0	26.0
22	24.5	18.0	12.0	12.0	16.0	---	19.5	24.0	27.0	29.0	28.5	24.5
23	24.0	17.0	13.0	12.0	14.0	---	20.0	24.0	26.0	28.0	30.0	26.0
24	24.0	16.5	13.0	13.5	14.5	---	19.0	24.5	26.5	29.0	29.0	25.0
25	21.5	15.0	12.5	13.0	14.0	---	23.0	24.0	28.0	27.0	29.0	25.0
26	22.0	17.0	12.0	13.0	11.5	---	24.0	28.0	30.0	27.0	29.0	23.0
27	22.0	16.0	13.0	14.5	13.5	23.0	23.0	27.0	30.0	27.5	28.0	25.0
28	23.0	16.5	13.0	16.0	---	23.0	24.0	27.0	27.0	28.0	---	24.0
29	22.0	15.0	13.0	17.0	---	18.0	24.0	27.0	28.0	29.0	29.0	26.0
30	22.5	13.0	15.0	17.0	---	17.0	23.0	25.0	26.0	27.0	29.0	25.0
31	24.0	---	16.0	18.0	---	16.0	---	26.0	---	27.0	29.0	---
MONTH	---	18.0	12.0	14.0	15.0	---	19.5	24.5	26.5	---	28.5	---

301305093151200 CALCASIEU RIVER AND PASS NEAR LAKE CHARLES, LA. (COE NO. 73550)

LOCATION.--Lat 30°13'05", long 93°15'12", T.10 S., R.9 W., Calcasieu Parish, on east end of Lake Charles harbor, 2.3 mi (3.7 km) southeast of Lake Charles Post Office.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collcted at a depth of 5 ft (1.5 m) by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2900	---	2100	39	---	1100	590	110	96	98	510	840
2	3600	8400	2100	40	250	1000	780	26	79	110	490	1500
3	4500	4800	2000	22	270	970	700	18	51	110	300	1400
4	5000	2800	1900	---	440	1100	920	20	34	260	150	1600
5	5000	6100	1000	19	520	2600	1400	19	21	250	120	1400
6	5800	4000	2000	34	500	2600	1300	16	31	130	84	1400
7	5400	3700	1900	24	500	3300	2700	16	---	100	67	1900
8	5100	3100	1800	38	560	1800	1500	11	17	90	160	2300
9	6600	3000	1800	30	840	1900	1600	30	29	150	100	1600
10	5900	2600	1800	30	1000	1800	1400	13	26	130	120	1800
11	5700	2200	1200	36	1200	1900	---	8.0	14	360	75	2400
12	6000	2000	2700	21	1000	2800	1100	12	38	580	70	1600
13	6900	3500	1200	39	900	2700	1200	9.0	890	---	110	2100
14	6500	2300	1400	30	1000	---	1300	8.0	17	610	62	1800
15	7300	2000	1200	18	1400	---	840	14	17	740	310	3000
16	6300	2900	1700	15	---	1300	560	11	18	1100	280	1600
17	6700	2900	590	20	1400	1100	200	---	23	7600	480	1100
18	6600	2200	360	38	1200	1400	200	15	25	800	350	1000
19	7300	7300	420	---	1100	1400	130	8.0	52	600	660	470
20	6300	1700	360	110	2800	950	170	24	28	550	1100	450
21	5700	1600	330	92	2300	890	390	31	27	700	890	730
22	---	1400	---	210	1600	1000	410	59	32	730	1800	1700
23	9100	1000	380	420	1500	780	150	70	27	890	1100	1400
24	7200	1000	630	600	1700	650	150	79	27	880	550	1600
25	7600	1000	440	---	1400	410	---	95	72	620	480	1900
26	7400	1000	150	460	1200	370	100	190	110	500	1200	4800
27	8600	1000	540	410	1100	550	120	190	---	520	1100	2900
28	7200	2200	---	320	1100	640	160	140	42	350	1500	3600
29	7700	2000	---	560	---	500	70	230	40	580	1900	3600
30	7400	2000	120	300	---	230	280	160	95	---	1300	3600
31	7800	---	73	350	---	260	---	88	---	---	850	---
MONTH	---	---	---	---	---	---	---	---	---	---	590	1900

295040093204000 CALCASIEU PASS AT ST. JOHN ISLAND, NEAR CAMERON, LA. (COE NO. 73648)

LOCATION.--Lat 29°50'40", long 93°20'40", T.14 S., R.10 W., Calcasieu Parish, 2.1 mi (3.4 km) northwest of Cameron.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
02...	1230	70	--	--	179	0	147	250	7800	.00	.01	.01
17...	1245	80	--	--	108	0	89	1400	10000	.27	.00	.27
30...	1525	100	--	--	113	0	93	1500	9900	.11	.01	.12
NOV.												
12...	1320	60	--	--	86	0	71	1100	8100	.15	.01	.16
26...	1010	110	280	800	115	0	94	1500	11000	.14	.01	.15
DEC.												
11...	1140	70	210	630	100	0	82	1400	11000	.08	.00	.08
JAN.												
06...	1145	90	50	110	38	0	31	260	1900	.09	.01	.10
15...	1040	270	36	85	28	0	23	170	1300	.07	.01	.08
30...	0847	40	88	240	53	0	43	110	3800	.13	.00	.13
FEB.												
12...	1055	80	130	370	71	0	58	740	6100	.13	.01	.14
26...	1033	50	180	530	92	0	75	1200	7900	.11	.00	.11
MAR.												
11...	1306	30	140	410	80	0	66	820	6200	.10	.01	.11
27...	1155	100	290	890	129	0	106	1900	13000	.08	.02	.10
APR.												
09...	1358	100	170	500	94	0	77	980	6900	.22	.01	.23
23...	1135	50	120	310	71	0	58	590	4500	.34	.00	.34
MAY												
07...	1254	60	25	41	25	0	21	83	670	.24	.02	.26
28...	1414	40	120	350	104	0	85	650	4800	.34	.00	.34
JUNE												
03...	1830	50	46	100	40	0	33	200	1600	.15	.01	.16
18...	1643	40	98	270	68	0	56	430	4100	.25	.00	.25
JULY												
02...	1630	10	58	130	49	0	40	270	1900	.22	.01	.23
16...	1650	10	61	160	45	0	37	330	2300	.07	.01	.08
30...	1605	40	96	260	53	0	43	540	4000	.05	.02	.07
AUG.												
13...	1742	40	57	90	38	0	31	300	2100	.07	.00	.07
27...	1419	40	130	320	61	0	50	590	4700	.00	.01	.01
SEP.												
08...	1514	40	32	330	73	0	60	700	5100	.02	.00	.02
17...	1249	50	190	470	79	0	65	850	6800	.02	.01	.03

295040093204000 CALCASIEU PASS AT ST. JOHN ISLAND, NEAR CAMERON, LA. (COE NO. 73648)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
02...	.09	19	3000	2900	22900	7.6	--	10	25	7.9	3.8	<10
17...	.07	36	--	--	29400	7.7	--	20	9	--	--	<5
30...	.13	91	--	--	27700	7.5	--	7	35	6.9	1.4	200
NOV.												
12...	.08	41	--	--	23600	7.9	--	10	20	8.6	1.6	--
26...	.09	73	4000	3900	31100	7.8	--	20	25	8.5	3.3	--
DEC.												
11...	.06	45	3100	3000	27900	7.9	--	20	20	9.9	2.9	10
JAN.												
06...	.10	198	580	550	6230	7.2	11.0	50	35	8.7	1.8	320
15...	.12	70	440	420	4300	7.0	--	50	45	9.1	4.2	360
30...	.05	47	1200	1200	11700	7.2	16.0	40	15	8.0	4.3	80
FEB.												
12...	.06	67	1800	1800	18300	7.7	11.0	20	35	9.3	1.8	17
26...	.07	21	2600	2500	24300	8.2	14.5	15	15	9.2	2.2	27
MAR.												
11...	.06	0	2000	1900	18000	7.7	18.5	15	15	11.1	7.1	<5
27...	.29	557	4400	4300	35700	8.0	--	5	250	8.1	3.4	--
APR.												
09...	.08	57	2500	2400	21700	7.5	20.5	16	20	7.7	5.4	20
23...	.13	44	1600	1500	14400	7.6	20.5	10	20	9.5	.8	53
MAY												
07...	.16	69	230	210	2420	6.8	25.5	60	40	8.0	3.5	--
28...	.06	46	1700	1700	14600	7.6	--	9	25	8.2	1.3	20
JUNE												
03...	.07	49	530	490	5370	7.2	27.0	40	35	6.9	2.9	140
18...	.10	117	1400	1300	12600	7.7	--	--	35	8.2	4.5	70
JULY												
02...	.05	44	680	640	6370	7.8	27.5	20	10	9.1	1.9	230
16...	.08	35	810	770	7880	7.8	--	30	15	--	--	20
30...	.14	237	1300	1300	12300	7.2	30.5	--	60	8.8	3.6	100
AUG.												
13...	.09	17	510	480	7170	7.0	27.5	30	15	6.9	2.0	--
27...	.09	24	1600	1600	14300	7.7	32.0	30	25	5.9	.7	10
SEP.												
08...	.08	45	1400	1400	14900	7.9	30.0	15	6	9.3	4.3	16
17...	.08	34	2400	2300	19800	8.2	28.5	20	12	8.0	--	<5

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
02...	<10	8.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
17...	<5	6.7	.00	0	1	.00	.0	.00	.00	.00	.00	.00
30...	16	6.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
NOV.												
12...	9	8.1	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	7	6.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
DEC.												
11...	<5	9.2	.00	1	1	.00	.0	.00	.00	.00	.00	.00
JAN.												
06...	34	8.6	.00	4	0	.00	.0	.00	.00	.00	.00	.00
15...	170	9.5	.00	4	0	.00	.0	.00	.00	.00	.00	.00
30...	<5	6.1	.00	0	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
12...	--	6.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	11	.00	1	0	.00	.0	.00	.00	.00	.00	.00
MAR.												
11...	<5	7.0	.00	0	0	--	--	--	--	--	--	--
27...	--	10	.00	0	0	.00	.0	.00	.00	.00	.00	.00
APR.												
09...	<5	5.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
23...	<5	9.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
MAY												
07...	--	10	.00	2	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	11	.00	1	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
03...	<5	18	.00	2	1	.00	.0	.00	.00	.00	<.01	.00
18...	5	8.8	.00	1	0	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	<5	6.2	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
16...	<5	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	<5	8.6	.00	1	12	.00	.0	.00	.00	.00	.00	.00
AUG.												
13...	--	10	.00	1	3	.00	.0	.00	.00	.00	.00	.00
27...	<5	5.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
SEP.												
08...	<5	6.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
17...	<5	1.4	.00	0	2	.00	.0	.00	.00	.00	.00	.00

295040093204000 CALCASIEU PASS AT ST. JOHN ISLAND, NEAR CAMERON, LA. (COE NO. 73648)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT.											
02...	.00	.00	.00	.0	0	3	1	2	0	0	1
17...	.00	.00	.00	.0	0	1	1	0	1	0	5
30...	.00	.00	.00	.0	0	2	1	1	0	0	1
NOV.											
12...	.00	.00	.00	.0	0	0	0	0	0	0	3
26...	.00	.00	.00	.0	0	1	0	1	4	0	4
DEC.											
11...	.00	.00	.00	.0	0	1	1	0	16	15	1
JAN.											
06...	.00	.00	.00	.0	0	1	1	0	1	0	3
15...	.00	.00	.00	.0	0	1	1	0	5	4	1
30...	.00	.00	.00	<.1	0	0	0	0	2	0	2
FEB.											
12...	.00	.00	.00	.0	0	2	2	0	1	0	6
26...	.00	.00	.00	.0	0	1	1	0	1	0	1
MAR.											
11...	--	--	--	--	--	1	0	1	0	0	6
27...	.00	.00	.00	.0	0	4	3	1	5	0	6
APR.											
09...	.00	.00	.00	.0	0	1	1	0	0	0	7
23...	.00	.00	.00	.1	0	1	0	1	3	3	0
MAY											
07...	.00	.00	.00	.1	0	0	0	0	4	4	0
28...	.00	.00	.00	.0	0	2	2	0	7	7	0
JUNE											
03...	.00	.00	.00	.0	0	1	1	0	0	0	1
18...	.00	.00	.00	.0	0	1	1	0	17	11	6
JULY											
02...	.00	.00	.00	.0	0	0	0	0	1	1	0
16...	.00	.00	.00	.0	0	0	0	0	0	0	0
30...	.00	.00	.00	.0	0	2	2	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	1	0	1	3	2	1
27...	.00	.00	.00	.0	0	1	1	0	1	0	1
SEP.											
08...	.00	.00	.00	.0	0	1	1	0	8	8	0
17...	.00	.00	.00	.0	0	1	0	1	0	0	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
02...	40	0	1	0	1	.0	.0	.0	--	--	40
17...	10	0	2	1	1	.0	.0	.1	20	0	20
30...	20	0	3	3	0	.1	.0	.1	30	10	20
NOV.											
12...	10	0	4	3	1	.1	.0	.1	10	0	10
26...	10	0	5	4	1	.1	.0	.2	40	20	20
DEC.											
11...	15	1	12	12	0	.1	.1	.0	120	100	20
JAN.											
06...	<10	0	0	0	4	.1	.0	.1	10	0	10
15...	<10	0	42	41	1	.0	.0	.0	60	50	10
30...	<10	0	22	15	7	.0	.0	.0	40	30	10
FEB.											
12...	<10	0	0	0	0	.0	.0	.0	20	0	20
26...	20	0	1	1	0	.0	.0	.0	40	20	20
MAR.											
11...	20	0	2	1	1	.2	.1	.1	10	0	10
27...	50	0	12	12	0	.0	.0	.0	50	50	0
APR.											
09...	35	0	0	0	0	.0	.0	.0	10	0	10
23...	<10	0	8	8	0	.1	.0	.1	10	6	4
MAY											
07...	<10	0	7	7	0	.1	.0	.1	10	8	2
28...	10	0	8	8	0	.1	.0	.1	150	130	20
JUNE											
03...	10	0	1	1	0	.0	.0	.0	30	0	40
18...	10	0	12	12	0	.0	.0	.0	40	30	10
JULY											
02...	<10	0	2	2	0	.1	.0	.1	40	40	2
16...	10	0	6	6	0	.1	.1	.0	30	20	10
30...	<10	0	7	7	0	.0	.0	.0	30	20	10
AUG.											
13...	<10	0	5	5	0	.3	.3	.0	50	30	20
27...	30	0	3	3	0	.0	.0	.0	30	30	2
SEP.											
08...	<10	0	0	0	0	.0	.0	.0	20	10	10
17...	10	0	4	4	0	.1	.1	.0	20	20	4

301432093135700 CALCASIEU RIVER AT MILE 40, AT LAKE CHARLES, LA. (COE NO. 73510)

LOCATION.--Lat 30°14'32", long 93°13'57", T.9 S., R.8 W., Calcasieu Parish, 5 mi (0.8 km) east of Lake Charles.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: June 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
OCT.												
02...	1132	110	--	--	72	0	59	120	1900	.06	.01	.07
17...	1150	60	--	--	66	0	54	780	5200	.10	.11	.21
30...	1552	70	--	--	66	0	54	720	5600	.15	.01	.16
NOV.												
12...	1236	120	--	--	27	0	22	25	870	.09	.02	.11
26...	1054	260	14	29	18	0	15	59	400	.17	.00	.17
DEC.												
11...	1235	100	44	110	29	0	24	240	1800	.09	.01	.10
JAN.												
06...	1245	340	3.9	1.8	8	0	7	7.0	21	.03	.01	.04
15...	1130	380	5.2	.8	5	0	4	4.3	7.5	.69	.01	.70
30...	0805	240	2.5	1.3	11	0	9	4.5	12	.06	.01	.07
FEB.												
12...	1145	350	14	30	16	0	13	61	430	.09	.01	.10
26...	1130	150	24	58	19	0	16	120	880	.09	.01	.10
MAR.												
11...	1400	160	18	37	24	0	20	88	550	.13	.01	.14
27...	1258	200	16	35	15	0	12	70	330	.14	.02	.16
APR.												
09...	1525	140	21	49	20	0	16	100	720	.11	.02	.13
23...	1008	340	4.0	2.2	12	0	10	7.1	30	.12	.02	.14
MAY												
07...	1206	220	2.4	1.1	9	0	7	3.8	8.4	.10	.01	.11
28...	1200	40	27	7.0	81	0	66	26	13	1.6	.02	1.6
JUNE												
03...	1855	--	--	--	10	0	8	--	--	.31	.04	.35
18...	1615	140	3.0	3.2	24	0	20	6.2	45	.14	.01	.15
JULY												
02...	1600	90	9.7	9.0	25	0	21	21	140	.22	.05	.27
16...	1720	180	21	57	30	0	25	120	840	.13	.02	.15
30...	1530	30	22	51	27	0	22	110	820	.10	.01	.11
AUG.												
13...	1714	190	3.8	1.0	8	0	7	3.6	8.6	.11	.01	.12
27...	1400	110	33	85	31	0	25	160	1200	.14	.01	.15
SEP.												
08...	1450	100	32	79	30	0	25	170	1100	.07	.01	.08
17...	1226	110	20	40	33	0	27	82	590	.08	.02	.10

301432093135700 CALCASIEU RIVER AT MILE 40, AT LAKE CHARLES, LA. (COE NO. 73510)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
OCT.												
02...	.07	0	790	730	6210	6.8	--	30	5	4.3	1.6	240
17...	.06	16	--	--	15200	7.2	--	20	2	--	--	100
30...	.15	25	--	--	15700	6.9	--	20	2	5.0	1.4	600
NOV.												
12...	.13	47	--	--	2620	7.3	--	--	30	5.7	1.3	1900
26...	.09	66	150	140	861	6.8	--	--	25	6.0	.1	270
DEC.												
11...	.10	71	560	540	5430	7.0	--	--	40	6.9	.5	3600
JAN.												
06...	.07	66	17	10	98	6.6	11.5	--	30	7.0	2.0	1100
15...	.07	56	16	12	65	6.3	--	--	30	7.8	3.1	290
30...	.07	44	12	3	70	6.4	14.5	--	35	6.9	3.1	410
FEB.												
12...	.05	56	160	150	1280	6.7	16.0	--	35	7.2	2.6	780
26...	.27	1	300	280	2490	6.9	16.0	10	25	7.8	2.3	270
MAR.												
11...	.07	68	200	180	18100	7.8	19.0	10	10	8.3	3.3	590
27...	.09	75	180	170	1190	6.6	--	120	42	7.8	1.8	--
APR.												
09...	.09	79	250	240	2650	6.8	20.0	--	50	5.1	1.5	1200
23...	.14	64	19	9	113	6.8	19.0	50	45	7.3	.4	2000
MAY												
07...	.05	27	11	4	55	6.8	23.5	40	--	6.4	3.2	--
28...	.19	130	96	30	272	7.4	--	47	70	5.5	.5	740
JUNE												
03...	.17	43	--	--	608	7.0	27.5	110	30	6.0	2.4	310
18...	.12	44	21	1	181	6.7	--	80	15	6.1	1.6	150
JULY												
02...	.10	29	61	40	557	6.9	26.5	50	20	4.3	1.3	430
16...	.07	27	290	260	2840	6.6	--	80	15	5.3	2.3	660
30...	.21	38	270	250	2760	6.9	28.0	30	15	7.1	2.5	250
AUG.												
13...	.39	5	14	7	59	6.2	27.5	80	10	5.5	.3	--
27...	.09	16	430	410	4240	7.1	32.5	50	9	4.7	.6	2600
SEP.												
08...	2.4	21	410	380	4030	7.4	30.5	50	7	5.9	--	320
17...	.13	24	210	190	2090	7.2	28.0	55	20	4.7	--	--

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
OCT.												
02...	44	11	.01	2	6	.00	.0	.00	.00	.00	.00	.00
17...	40	5.3	.01	0	1	.00	.0	.00	.00	.00	.00	.00
30...	190	7.7	.01	0	2	.00	.0	.00	.00	.00	.00	.00
NOV.												
12...	430	10	.00	1	0	.00	.0	.00	.00	.00	.00	.00
26...	75	14	.00	0	0	.00	.0	.00	.00	.00	.00	.00
DEC.												
11...	290	7.9	.00	0	1	.00	.0	.00	.00	.00	.00	.00
JAN.												
06...	170	11	.00	3	0	.00	.0	.00	.00	.00	.00	.00
15...	100	11	.00	5	--	.00	.0	.00	.00	.00	.00	.00
30...	100	9.6	.00	2	0	.00	.0	.00	.00	.00	.00	.00
FEB.												
12...	--	12	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	64	13	.00	1	0	--	--	--	--	--	--	--
MAR.												
11...	170	5.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
27...	--	10	.00	1	0	.00	.0	.00	.00	.00	.00	.00
APR.												
09...	380	10	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
23...	740	13	.00	2	0	.00	.0	.00	.00	.00	.00	.00
MAY												
07...	--	12	.00	2	0	.00	.0	.00	.00	.00	.00	.00
28...	20	7.5	.00	1	0	.00	.0	.00	.00	.00	.00	.00
JUNE												
03...	49	9.8	--	--	0	.00	.0	.00	.00	.00	<.01	.00
18...	12	8.6	.00	--	0	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	57	6.7	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
16...	390	7.2	.00	0	--	.00	.0	.00	.00	.00	<.01	.00
30...	75	9.4	.00	10	10	.00	.0	.00	.00	.00	.00	.00
AUG.												
13...	--	11	.00	1	1	.00	.0	.00	.00	.00	.00	.00
27...	300	5.0	.01	0	2	.00	.0	.00	.00	.00	.00	.00
SEP.												
08...	36	8.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
17...	3100	8.4	.00	0	2	.00	.0	.00	.00	.00	.00	.00

301432093135700 CALCASIEU RIVER AT MILE 40, AT LAKE CHARLES, LA. (COE NO. 73510)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
OCT.											
02...	.00	.00	.00	.0	0	1	0	1	0	0	0
17...	.00	.00	.00	.0	0	0	0	0	0	0	3
30...	.00	.00	.00	.0	0	1	0	1	0	0	2
NOV.											
12...	.00	.00	.00	.0	0	1	0	1	0	0	1
26...	.00	.00	.00	.0	0	1	0	1	0	0	3
DEC.											
11...	.00	.00	.00	.0	0	1	0	1	0	0	0
JAN.											
06...	.00	.00	.00	.0	0	1	1	0	2	1	1
15...	.00	.00	.00	.0	0	1	0	1	2	0	2
30...	.00	.00	.00	.3	0	0	0	0	0	0	2
FEB.											
12...	.00	.00	.00	.0	0	1	1	0	1	0	3
26...	--	--	--	--	--	1	0	1	1	0	1
MAR.											
11...	.00	.00	.00	.0	0	2	2	0	0	0	2
27...	.00	.00	.00	.0	0	1	0	1	6	4	2
APR.											
09...	.00	.00	.00	.0	0	1	--	--	0	0	0
23...	.00	.00	.00	.4	0	2	2	0	7	7	0
MAY											
07...	.00	.00	.00	.2	0	0	0	0	3	3	0
28...	.00	.00	.00	.0	0	4	3	1	3	3	0
JUNE											
03...	.00	.00	.00	.0	0	1	--	--	0	--	--
18...	.00	.00	.00	.0	0	1	0	1	3	2	1
JULY											
02...	.00	.00	.00	.0	0	1	1	0	0	0	0
16...	.00	.00	.00	.0	0	1	1	0	0	0	0
30...	.00	.00	.00	.0	0	0	0	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	0	0	0	0	0	1
27...	.00	.00	.00	.0	0	1	1	0	5	0	5
SEP.											
08...	.00	.00	.00	.0	0	2	2	0	0	0	0
17...	.00	.00	.00	.0	0	3	1	2	1	1	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
OCT.											
02...	10	0	1	0	1	.0	.0	.0	20	10	10
17...	<10	0	5	5	0	.1	.0	.1	10	0	10
30...	10	0	2	2	0	.1	.1	.0	8	0	20
NOV.											
12...	<10	0	3	1	2	.1	.0	.1	0	0	4
26...	<10	0	3	2	1	.0	.0	.2	10	0	10
DEC.											
11...	10	0	16	12	4	.1	.1	.0	100	80	20
JAN.											
06...	20	0	3	1	2	.0	.0	.0	0	0	8
15...	<10	0	20	20	0	.0	.0	.0	20	0	30
30...	<10	0	44	28	16	.0	.0	.0	10	10	0
FEB.											
12...	<10	1	7	5	2	.0	.0	.0	0	0	0
26...	<10	0	1	0	1	.0	.0	.0	20	10	9
MAR.											
11...	<10	0	5	1	4	.1	.0	.1	10	0	10
27...	<10	0	3	3	0	.0	.0	.1	5	0	5
APR.											
09...	<10	0	5	5	0	.0	--	--	4	0	4
23...	<10	0	8	7	1	.3	.0	.3	20	20	3
MAY											
07...	<10	0	9	8	1	.2	.0	.2	20	20	3
28...	<10	0	12	12	0	.0	.0	.0	90	70	20
JUNE											
03...	20	--	2	--	--	.1	--	--	30	--	--
18...	<10	0	6	6	0	.0	.0	.0	50	50	1
JULY											
02...	<10	0	3	2	1	.1	.0	.1	20	20	2
16...	10	0	6	6	0	.1	.1	.0	10	0	20
30...	<10	0	6	6	0	.2	.2	.0	20	20	0
AUG.											
13...	10	0	4	4	0	.2	.1	.1	50	10	40
27...	20	0	5	5	0	.0	.0	.0	30	20	9
SEP.											
08...	<10	0	2	2	0	.0	.0	.0	30	20	10
17...	<10	0	5	5	0	.0	.0	.0	30	20	10

301513093130500 CALCASIEU RIVER SALT WATER BARRIER (EAST) AT LAKE CHARLES, LA. (COE NO. 73472)

LOCATION.--Lat 30°15'13", long 93°13'05", T.9 S., R.8 W., Calcasieu Parish, in navigation channel on east side of structure 1.8 mi (2.9 km) north of Lake Charles Post Office.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) - WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4700	7300	1400	---	---	---	70	18	17	15	200	340
2	6100	---	---	24	---	---	41	18	20	14	100	420
3	7500	---	1700	26	29	360	35	8.2	27	13	18	280
4	3200	6200	1900	---	46	230	66	7.8	12	9.0	15	390
5	---	3000	5000	---	82	690	47	7.0	11	9.0	15	440
6	---	1800	4400	18	23	500	73	8.6	8.0	13	12	280
7	7100	2900	---	20	24	700	74	4.4	8.0	34	8.0	450
8	6900	1000	---	18	---	150	140	5.6	10	9.0	8.0	440
9	6800	---	540	22	---	98	90	5.0	7.0	12	7.0	230
10	6800	---	440	8.0	74	1100	120	9.6	8.0	11	16	170
11	7100	1800	800	---	2900	180	79	12	20	120	11	1300
12	---	710	520	---	360	420	52	14	8.0	180	18	380
13	---	1500	300	10	500	430	25	5.6	9.0	120	21	360
14	---	610	---	20	980	140	29	4.4	8.0	120	22	1600
15	7100	1000	---	20	---	100	22	8.0	7.0	12	16	2600
16	6200	---	220	23	---	51	11	6.0	7.0	9.0	18	200
17	7200	---	110	24	---	42	14	9.0	7.0	8.0	20	180
18	6600	1100	56	---	380	76	11	7.0	7.0	8.0	25	65
19	---	970	80	---	520	54	9.4	6.5	7.0	8.0	15	360
20	---	810	88	16	380	73	7.8	4.5	8.0	10	620	30
21	7700	410	---	18	820	47	8.0	7.2	12	10	950	240
22	7800	290	---	12	---	31	8.9	9.3	9.0	8.0	1500	40
23	8000	---	63	36	---	29	7.0	7.0	19	10	1800	44
24	8000	---	75	52	410	62	20	25	9.0	9.0	1700	320
25	8100	280	---	---	380	31	12	21	10	16	1200	40
26	---	200	70	---	900	49	18	37	10	10	18	180
27	---	360	150	10	700	25	27	12	16	10	12	1700
28	---	---	---	19	500	110	25	14	13	10	21	3400
29	9100	150	---	17	---	120	15	---	14	8.0	63	2200
30	7900	---	17	18	---	54	15	---	14	360	520	4100
31	7500	---	22	22	---	25	---	---	---	240	320	---
MONTH	---	---	---	---	---	---	39	---	11	46	300	760

301513093130600 CALCASIEU RIVER SALT WATER BARRIER (WEST) AT LAKE CHARLES, LA. (COE NO. 73473)

LOCATION.--Lat 30°15'13", long 93°13'06", T.9 S., R.8 W., Calcasieu Parish, in navigation channel on west side of structure 1.8 mi (2.9 km) north of Lake Charles Post Office.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5600	6900	---	---	---	---	380	16	16	15	210	1200
2	6200	---	1400	20	---	---	620	18	12	14	100	980
3	6100	---	1800	14	34	680	1200	9.8	16	17	16	1400
4	7800	6500	2400	---	31	3000	970	9.8	21	30	18	1700
5	---	3000	5200	---	94	2600	3800	28	14	15	15	3400
6	---	1900	5100	14	30	1200	4300	12	11	14	12	3000
7	6600	3400	---	16	17	1900	4800	32	6.0	27	12	3200
8	7000	3400	---	14	---	1400	4600	6.0	14	12	10	3400
9	8000	---	520	12	---	1000	2500	5.8	19	14	10	1200
10	6300	---	500	64	82	2400	1800	10	18	12	10	1400
11	6900	1100	860	---	2500	1300	780	6.0	13	100	16	1500
12	---	820	600	---	360	940	1700	15	8.0	180	14	1600
13	---	1600	320	10	500	1300	1900	5.4	10	120	15	600
14	---	950	---	8.0	1100	1000	400	7.8	15	110	20	1600
15	7100	1500	---	8.0	---	1300	170	5.8	10	380	20	3000
16	5900	---	230	8.0	---	1400	74	7.2	15	360	20	3000
17	7300	---	150	11	---	1200	34	36	12	360	200	4200
18	6700	910	96	---	380	1400	22	6.5	9.0	320	260	340
19	---	1200	94	---	500	1000	37	6.0	13	42	400	220
20	---	710	96	9.0	340	710	9.7	7.5	13	15	700	100
21	7800	380	---	14	720	740	14	9.0	12	560	1000	210
22	7000	340	---	10	---	480	15	11	18	970	1400	1700
23	8700	---	64	34	---	240	18	12	18	1400	2400	2000
24	8600	---	76	52	300	260	44	46	14	1400	2400	3600
25	8900	280	---	---	760	140	34	220	11	830	1300	4600
26	---	230	64	---	950	220	26	210	17	450	2300	5500
27	---	410	150	11	610	350	33	20	15	240	1400	6000
28	---	---	---	15	500	400	18	13	12	360	1000	1400
29	9200	2900	---	10	---	130	22	33	29	220	900	2100
30	7600	---	29	10	---	84	18	170	22	330	200	2600
31	7200	---	20	14	---	47	---	32	---	270	350	---
MONTH	---	---	---	---	---	---	1000	33	14	300	540	2200

300514093172800 INTRACOASTAL WATERWAY AT CALCASIEU LOCK, NEAR GRAND LAKE, LA. (COE NO. 76880)

LOCATION.--Lat 30°05'14", long 93°17'28", T.11 S., R.9 W., Calcasieu Parish, 4.1 mi (6.6 km) north of Grand Lake, La.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Chemical analyses: October 1974 to current year.

REMARKS.--Samples collected by Corps of Engineers and analyzed by Geological Survey.

CHLORIDE (MG/L AS CL) , WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3700	4700	1000	56	45	1400	1700	38	47	52	85	1300
2	6800	4200	1000	120	31	1600	1300	56	63	56	90	95
3	5600	3000	2200	110	51	2800	970	77	64	52	50	590
4	6400	6200	720	65	140	1900	1100	96	78	50	40	200
5	6700	2300	2700	89	140	3100	1200	68	65	63	35	4100
6	6200	540	1300	71	800	2800	1600	64	70	52	35	1200
7	8400	340	1500	72	830	2500	2100	60	70	58	30	200
8	5500	1200	1600	52	2300	1800	4000	60	75	62	30	1100
9	7400	2100	1300	56	3400	2200	5500	54	84	60	40	3300
10	6200	900	500	70	3000	3800	2200	64	78	60	20	1700
11	7700	850	2700	33	6500	3800	1800	70	84	240	35	2600
12	7700	1400	3400	56	3000	2900	1300	75	73	60	22	2200
13	7000	2100	130	41	1800	2500	2800	54	82	58	24	2000
14	7500	410	460	68	2800	2500	2400	54	70	59	30	130
15	9200	5400	5000	44	1900	2000	1300	50	72	56	36	650
16	7800	2500	2800	33	2100	2800	1400	52	82	44	40	3100
17	8400	1000	380	29	4000	2800	990	52	92	47	40	240
18	8000	190	100	36	3600	4900	1100	62	210	38	---	40
19	7100	410	100	43	2900	3200	300	48	200	62	42	320
20	7100	280	260	39	2300	2200	140	50	130	36	50	450
21	7900	100	100	30	3700	2300	1500	50	74	50	50	90
22	8800	150	1400	58	4300	2300	150	46	86	43	45	43
23	9500	160	77	36	3900	2000	120	45	61	44	40	56
24	10000	110	68	36	3200	2100	22	44	56	52	120	1800
25	9000	130	1400	730	2100	1800	70	45	55	46	50	1600
26	9600	120	1500	44	1800	1700	85	46	60	46	160	1800
27	8700	1600	4800	45	1500	2100	70	48	66	57	120	1800
28	10000	300	500	360	1600	2000	83	130	55	49	4700	2500
29	7800	1300	64	51	---	2100	75	58	57	160	2600	3200
30	8000	1600	75	26	---	890	55	85	56	50	1300	3100
31	7900	---	65	38	---	310	---	58	---	50	1000	---
MONTH	7700	1500	1300	85	2300	2400	1200	60	81	62	---	1400

08028200 BAYOU ANACOCO NEAR KNIGHT, LA.

LOCATION.--Lat 30°52'14", long 93°30'38", in SE¼ 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 (7.9 km) southwest of Knight, and 5.2 mi (8.4 km) upstream from mouth.

DRAINAGE AREA.--425 mi (1,101 km^2).

PERIOD OF RECORD.--Chemical analyses: November 1969 to current year.
Water temperatures: December 1969 to September 1972.

REMARKS.--Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft or 50.9 km^3) except January 1956 to September 1958 and Lake Vernon (usable capacity, 58,000 acre-ft or 71.5 km^3) 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 the flow of bayou is sufficient to dilute effluent from mill.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)
OCT.								
09...	1800	17	5.2	2.4	19	1.9	23	0
NOV.								
05...	1730	7.4	5.7	1.3	8.5	2.3	15	0
DEC.								
03...	1345	11	7.6	1.2	32	2.5	38	0
JAN.								
21...	0930	10	5.5	.7	11	1.4	16	0
FEB.								
12...	1630	11	5.8	1.1	17	1.7	17	0
MAR.								
12...	1145	11	5.3	.8	26	1.8	29	0
APR.								
07...	0930	16	6.7	1.2	28	1.9	35	0
MAY								
07...	1445	5.3	2.2	1.4	3.4	1.3	10	0
JUNE								
04...	1130	9.3	5.1	1.5	15	1.3	28	0
JULY								
17...	1215	11	7.0	1.4	27	1.7	--	0
AUG.								
14...	1100	10	4.9	1.7	18	1.5	24	0
SEP.								
09...	1830	14	12	1.5	38	2.2	45	0

DATE	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT.									
09...	19	7.8	25	.1	--	73	23	4	72
NOV.									
05...	12	6.2	12	.2	36	51	20	7	90
DEC.									
03...	31	41	17	.5	150	132	24	0	218
JAN.									
21...	13	13	8.2	.2	46	58	17	4	89
FEB.									
12...	14	22	12	.0	82	79	19	5	128
MAR.									
12...	24	27	16	.2	109	102	17	0	167
APR.									
07...	29	34	17	.4	136	122	22	0	196
MAY									
07...	8	5.0	3.6	.1	51	27	11	3	41
JUNE									
04...	23	20	8.5	.9	86	75	19	0	116
JULY									
17...	--	30	16	.2	113	--	23	--	186
AUG.									
14...	20	21	11	.2	103	80	19	0	137
SEP.									
09...	37	47	22	.2	169	162	36	0	253

08028200 BAYOU ANACOCO NEAR KNIGHT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 09...	7.0	23.0	20	4	8.4	1.2	200	60
NOV. 05...	6.6	20.0	50	25	8.0	3.5	1100	1200
DEC. 03...	7.0	10.0	100	15	8.4	2.8	80	20
JAN. 21...	6.7	10.0	60	25	9.6	2.6	1200	420
FEB. 12...	6.8	15.0	100	25	8.6	3.7	3600	1400
MAR. 12...	6.8	19.0	40	15	7.8	3.3	55	47
APR. 07...	6.7	17.5	60	10	8.0	3.8	--	--
MAY 07...	6.2	23.5	110	25	6.1	.0	120	210
JUNE 04...	6.7	26.0	85	25	6.1	1.2	120	280
JULY 17...	7.4	27.5	80	15	6.0	.3	62	740
AUG. 14...	6.7	27.0	70	4	5.8	3.3	<5	370
SEP. 09...	7.3	--	110	10	6.9	4.0	58	100

RED RIVER BASIN

07344450 - PAW PAW BAYOU NEAR GREENWOOD, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
NOV. 06...	1410	52	13	--	16	--	40	4.5	35	0	29
FEB. 27...	1445	45	13	120	18	11	55	2.0	42	0	34
APR. 23...	1700	10	13	--	25	14	84	2.3	65	0	53
JULY 29...	1105	2.5	14	60	19	11	60	3.4	64	0	52

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
NOV. 06...	30	80	.2	--	--	--	--	--	74	45	409
FEB. 27...	40	100	.2	.00	.01	.04	302	260	90	56	493
APR. 23...	44	140	.2	--	--	--	380	355	120	67	686
JULY 29...	14	110	.4	.08	.00	.09	300	264	93	40	506

DATE	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)
NOV. 06...	7.0	15.5	--	25	8.2	3.2	53	440	--	--	--
FEB. 27...	6.9	11.0	40	15	10.1	2.9	330	420	--	--	--
APR. 23...	7.3	18.5	10	8	7.2	.3	--	240	--	--	--
JULY 29...	7.2	24.5	30	30	5.3	1.4	--	>3000	.00	.0	.00

DATE	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)
NOV. 06...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	--	--	--	--	--	--	--
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 29...	.00	<.01	.00	.00	.00	.00	.00	.00	.00	.00	.00

DATE	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TRI-THION (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
NOV. 06...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	0	1	0	30	0	1.0	10
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 29...	.00	.0	0	.00	0	0	0	3	1	.2	40

MISSISSIPPI RIVER DELTA

07344480 - CROSS LAKE AT DAM, AT SHREVEPORT, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT. 24...	1830	7.6	--	38	16	--	2.9	46	0	38	37	220
FEB. 27...	1600	5.9	160	7.1	3.6	18	2.6	20	0	16	15	30
APR. 23...	1800	3.8	--	9.0	4.6	20	2.2	25	0	21	17	35
JULY 29...	0950	6.0	10	14	5.3	21	2.5	44	0	36	11	35

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT. 24...	.1	.03	.00	.02	560	--	160	120	869	6.8	20.5	7
FEB. 27...	.3	.01	.00	.04	131	93	33	17	169	6.8	12.0	50
APR. 23...	.3	--	--	--	115	104	41	20	203	7.1	21.0	15
JULY 29...	.8	.01	.00	.05	123	117	57	21	215	7.1	30.5	10

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT. 24...	4	6.8	4.0	<10	23	--	--	--	--	--	--	--
FEB. 27...	10	10.6	--	<5	--	--	--	--	--	--	--	--
APR. 23...	5	8.6	1.8	230	140	--	--	--	--	--	--	--
JULY 29...	6	7.1	.2	--	71	6.2	.00	.0	.01	.00	.01	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	--	--	--	--	--	--	--
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 29...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	0	0	1	18	0	.2	10
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 29...	.00	.00	.01	.02	1	0	0	3	1	.1	50

RED RIVER BASIN

07346180 - JAMES BAYOU AT STATE HIGHWAY 2, NEAR VIVIAN, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT.												
24...	1600	16	--	6.5	2.0	--	1.9	9	0	7	4.5	34
FEB.												
27...	1245	10	260	4.1	1.4	10	1.4	12	0	10	3.5	20
APR.												
23...	1430	9.6	--	4.7	1.9	9.8	1.4	15	0	12	3.3	19
JULY												
28...	1600	16	160	9.2	2.3	20	1.8	19	0	16	2.0	39

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.												
24...	.2	.00	.00	.04	116	--	24	17	145	6.5	19.5	70
FEB.												
27...	.1	.00	.00	.03	68	57	16	6	90	6.4	11.0	90
APR.												
23...	.1	--	--	--	78	57	20	8	95	6.7	20.0	60
JULY												
28...	.2	.22	.00	.04	113	101	32	16	170	6.6	32.0	50

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT.												
24...	5	4.8	1.7	<30	<10	--	--	--	--	--	--	--
FEB.												
27...	10	8.8	1.9	33	34	--	--	--	--	--	--	--
APR.												
23...	10	5.5	.8	170	15	--	--	--	--	--	--	--
JULY												
28...	5	7.3	1.6	--	74	4.2	.00	.0	.00	.00	.01	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT.											
24...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
27...	--	--	--	--	--	--	--	--	--	--	--
APR.											
23...	--	--	--	--	--	--	--	--	--	--	--
JULY											
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	<.1	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
24...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
27...	--	--	--	--	0	1	0	6	1	.2	20
APR.											
23...	--	--	--	--	--	--	--	--	--	--	--
JULY											
28...	.00	.00	.00	.00	0	0	0	5	0	.2	60

RED RIBER BASIN

07346280 - CADDO LAKE ABOVE DAM, NEAR MOORINGSPORT, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT. 24...	1700	12	--	7.3	2.3	--	2.5	20	0	16	13
FEB. 27...	1345	8.9	120	5.5	2.0	8.8	2.5	15	0	12	13
APR. 23...	1545	2.5	--	6.6	2.5	11	2.2	21	0	17	12
JULY 28...	1655	13	10	6.4	2.5	12	2.5	24	0	20	7.9

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
OCT. 24...	18	.2	.00	.00	.03	96	--	28	11	129	7.6
FEB. 27...	14	.2	.00	.01	.05	67	63	22	10	103	6.7
APR. 23...	17	.1	--	--	--	68	64	27	10	122	7.0
JULY 28...	20	.7	.20	.00	.04	91	77	26	7	126	6.8

DATE	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)
OCT. 24...	22.5	30	2	6.9	1.2	60	<10	--	--	--	--
FEB. 27...	11.5	60	9	10.4	2.9	12	130	--	--	--	--
APR. 23...	23.5	20	5	8.5	.8	600	30	--	--	--	--
JULY 28...	32.5	10	6	7.5	.8	--	74	4.4	.00	.0	.00

DATE	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	--	--	--	--	--	--	--
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 28...	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00

DATE	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TRI-THION (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	0	0	0	52	0	.5	30
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 28...	.00	.0	0	.00	--	0	0	6	2	.1	50

RED RIVER BASIN

07347000 - KELLY BAYOU NEAR HOSSTON, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT. 24...	1430	19	--	28	14	--	2.1	164	0	135	16	42
FEB. 27...	0850	14	70	17	6.9	13	1.4	76	0	62	7.9	20
APR. 23...	0830	16	--	28	11	19	1.7	125	0	103	11	30
JULY 28...	1415	14	10	39	15	22	4.0	164	0	135	17	37

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT. 24...	.3	.06	.00	.10	288	--	130	0	423	7.2	20.0
FEB. 27...	.3	.04	.00	.07	122	118	71	9	222	7.1	11.0
APR. 23...	.2	--	--	--	182	178	120	17	326	7.4	19.5
JULY 28...	.4	.18	.01	.27	232	230	160	25	416	7.3	28.5

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT. 24...	7	7	6.5	1.7	40	130	--	--	--	--	--
FEB. 27...	40	15	9.7	2.3	60	83	--	--	--	--	--
APR. 23...	5	25	7.0	.7	100	80	--	--	--	--	--
JULY 28...	10	45	4.7	1.6	--	<5	5.8	.00	.0	.01	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	--	--	--	--	--	--	--
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 28...	.00	.00	.00	.00	.00	.00	.20	.00	.00	.0	1

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	0	0	0	4	0	.0	10
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 28...	.00	.14	.00	.10	1	0	0	3	0	.2	50

RED RIVER BASIN

07347500 - BLACK BAYOU NEAR GILLIAM, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT. 24...	1530	13	--	15	6.5	--	1.8	64	0	53	10	47
FEB. 27...	0810	7.9	280	10	3.9	15	1.8	37	0	30	6.0	26
APR. 23...	1230	4.6	--	15	26	24	1.4	48	0	39	6.8	46
JULY 28...	1500	11	10	31	14	55	3.6	129	0	106	15	91

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT. 24...	.3	.04	.00	.04	192	--	64	12	284	7.2	18.0
FEB. 27...	.1	.01	.00	.09	106	89	41	11	161	7.1	11.0
APR. 23...	.2	--	--	--	147	148	140	110	253	7.5	21.0
JULY 28...	.4	.21	.03	.17	310	285	140	29	530	7.4	28.5

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT. 24...	30	5	7.5	1.9	<20	20	--	--	--	--	--
FEB. 27...	60	15	10.0	3.4	100	160	--	--	--	--	--
APR. 23...	20	10	7.8	.2	82	67	--	--	--	--	--
JULY 28...	20	65	5.2	1.9	--	<5	9.8	.00	.0	.00	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	--	--	--	--	--	--	--
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	1

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
FEB. 27...	--	--	--	--	0	1	1	4	0	.0	10
APR. 23...	--	--	--	--	--	--	--	--	--	--	--
JULY 28...	.00	.08	.00	.05	1	0	0	1	0	.1	60

RED RIVER BASIN

07348090 - TWELVEMILE BAYOU NEAR SHREVEPORT, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT.												
25...	0530	12	--	11	3.9	--	2.5	32	0	26	15	31
FEB.												
27...	1715	8.8	160	7.5	3.0	12	2.3	25	0	21	13	20
APR.												
23...	0730	2.6	--	8.6	2.9	14	2.2	25	0	21	13	22
JULY												
28...	1800	13	10	41	19	64	2.7	140	0	115	38	110

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.												
25...	.1	.00	.00	.05	124	--	44	17	176	7.0	19.0	30
FEB.												
27...	.3	.01	.00	.06	93	79	31	10	131	6.9	12.5	60
APR.												
23...	.2	--	--	--	86	78	33	12	152	7.3	21.0	15
JULY												
28...	.3	.01	.00	.05	416	357	180	66	672	7.5	31.0	5

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT.												
25...	10	6.9	--	20	25	--	--	--	--	--	--	--
FEB.												
27...	15	--	--	20	37	--	--	--	--	--	--	--
APR.												
23...	15	8.3	1.6	27	140	--	--	--	--	--	--	--
JULY												
28...	15	7.8	.7	--	69	5.6	.00	.0	.01	.00	.00	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT.											
25...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
27...	--	--	--	--	--	--	--	--	--	--	--
APR.											
23...	--	--	--	--	--	--	--	--	--	--	--
JULY											
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
25...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
27...	--	--	--	--	0	1	1	8	0	.3	8
APR.											
23...	--	--	--	--	--	--	--	--	--	--	--
JULY											
28...	.00	.00	.00	.00	1	0	0	4	0	.1	40

MISSISSIPPI RIVER DELTA

07349500 - BODCAU BAYOU NEAR SAREPTA, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT.												
24...	1130	384	8.1	22	3.4	--	9.3	226	0	185	29	240
FEB.												
27...	1100	1140	4.8	9.3	1.6	44	3.0	48	0	39	24	49
APR.												
23...	1100	424	2.9	7.8	2.1	12	1.4	15	0	12	8.9	20
JULY												
28...	1050	--	7.0	7.8	2.4	13	2.0	21	0	18	3.2	26

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.												
24...	.1	.32	.07	.30	824	--	69	0	1140	7.5	18.0	--
FEB.												
27...	.8	.03	.01	.04	189	161	30	0	289	6.8	11.0	130
APR.												
23...	.3	--	--	--	--	63	28	16	92	6.8	19.5	55
JULY												
28...	.3	.27	.01	.06	95	72	29	14	137	6.6	27.5	30

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT.												
24...	2	5.3	4.9	720	350	--	--	--	--	--	--	--
FEB.												
27...	10	6.4	2.3	20	290	--	--	--	--	--	--	--
APR.												
23...	20	7.0	1.4	120	160	--	--	--	--	--	--	--
JULY												
28...	10	4.2	2.4	--	990	7.8	.00	.0	.00	.00	.01	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT.											
24...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
27...	--	--	--	--	--	--	--	--	--	--	--
APR.											
23...	--	--	--	--	--	--	--	--	--	--	--
JULY											
28...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
24...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
27...	--	--	--	--	0	0	0	11	4	.4	30
APR.											
23...	--	--	--	--	--	--	--	--	--	--	--
JULY											
28...	.00	.00	.00	.00	0	0	0	3	0	.1	50

RED RIVER BASIN

07349850 - RED CHUTE BAYOU NEAR SHREVEPORT, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT. 25...	0650	6.0	--	6.9	1.8	--	1.7	22	0	18	5.3	13
FEB. 26...	1925	3.9	310	4.6	1.4	14	1.7	23	0	19	6.5	17
APR. 24...	0800	1.4	--	5.3	1.3	13	1.7	24	0	20	5.9	16
JULY 29...	1220	6.6	120	8.1	2.2	9.0	2.1	28	0	23	4.2	14

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT. 25...	.1	.00	.00	.10	82	--	25	7	90	6.8	17.0	70
FEB. 26...	.2	.02	.00	.08	77	61	17	0	110	6.6	12.0	100
APR. 24...	.1	--	--	--	71	57	19	0	114	6.7	18.0	40
JULY 29...	.3	.08	.00	.12	65	61	29	6	105	6.7	26.5	50

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT. 25...	4	3.1	--	<20	15	--	--	--	--	--	--	--
FEB. 26...	9	7.2	3.4	27	370	--	--	--	--	--	--	--
APR. 24...	6	4.7	.7	100	20	--	.00	.0	.00	.00	.03	.00
JULY 29...	8	2.7	.4	--	180	7.0	.00	.0	.00	.00	.00	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT. 25...	--	--	--	--	--	--	--	--	--	--	--
FEB. 26...	--	--	--	--	--	--	--	--	--	--	--
APR. 24...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	0
JULY 29...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 25...	--	--	--	--	--	--	--	--	--	--	--
FEB. 26...	--	--	--	--	0	1	0	4	1	.3	20
APR. 24...	.00	.00	.00	.00	--	--	--	--	--	--	--
JULY 29...	.00	.00	.00	.00	0	0	0	4	0	.1	40

RED RIVER BASIN

07372000 - DUGDEMONA RIVER NEAR WINNFIELD, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT.												
10...	1500	90	3.5	7.2	1.9	36	3.3	55	0	45	47	5.3
FEB.												
13...	1810	1900	11	2.5	1.0	12	2.2	22	0	18	16	5.2
APR.												
10...	1230	773	9.1	8.0	1.3	7.7	1.7	16	0	13	15	3.9

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT.											
10...	.6	--	--	--	156	132	26	0	231	7.2	19.0
FEB.											
13...	.0	.00	.01	.07	65	61	10	0	92	6.9	10.5
APR.											
10...	.1	.12	.02	.12	60	55	25	12	80	6.7	16.5

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT.											
10...	100	25	7.4	2.9	--	--	--	--	--	--	--
FEB.											
13...	100	30	8.0	1.3	--	--	--	--	--	--	--
APR.											
10...	80	45	7.2	2.9	13	.00	.0	.00	.00	.00	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT.											
10...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
13...	--	--	--	--	--	--	--	--	--	--	--
APR.											
10...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
10...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
13...	--	--	--	--	1	2	0	7	7	.0	20
APR.											
10...	.00	.66	.00	.00	--	--	--	--	--	--	--

MISSISSIPPI RIVER DELTA

07375500 - TANGIPAHOA RIVER AT ROBERT, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT. 24...	1115	404	12	--	2.7	.4	--	.9	11	0	9	.9
JAN. 22...	1045	1200	12	110	3.9	1.1	4.4	2.0	12	0	10	2.8
MAY 27...	1020	694	12	210	2.1	1.0	4.5	1.5	12	0	10	2.2
JULY 29...	1200	825	12	60	2.2	1.0	4.4	1.8	13	0	11	1.9

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT. 24...	3.7	.1	--	--	--	28	--	8	0	33	7.1	18.5
JAN. 22...	6.3	.1	.26	.00	.06	33	39	14	4	58	6.3	12.5
MAY 27...	4.7	.0	--	--	--	61	34	9	0	46	6.7	25.0
JULY 29...	5.3	.1	.28	.01	.10	68	35	10	0	45	6.8	27.0

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)
OCT. 24...	10	5	8.9	1.2	68	20	--	--	--	--	--	--
JAN. 22...	20	15	10.0	3.1	140	89	--	--	--	--	--	--
MAY 27...	15	10	7.4	2.1	93	220	--	--	--	--	--	--
JULY 29...	20	10	7.2	2.6	40	340	.2	.00	.0	.00	.00	<.01

DATE	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--	--
JAN. 22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 27...	--	--	--	--	--	--	--	--	--	--	--	--
JULY 29...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT. 24...	--	--	--	--	--	--	--	--	--	--	--
JAN. 22...	--	--	--	--	0	0	0	21	1	.0	60
MAY 27...	--	--	--	--	--	0	0	0	0	--	170
JULY 29...	.00	.00	.00	.00	0	0	0	3	0	.1	0

MISSISSIPPI RIVER DELTA

07376000 - TICKFAW RIVER AT HOLDEN, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT.												
24...	1200	91	14	--	1.0	.9	--	1.3	13	0	11	1.8
JAN.												
22...	0915	309	12	110	2.8	.9	3.4	1.3	11	0	9	2.3
MAY												
27...	0900	238	12	--	2.1	1.0	3.5	1.2	13	0	11	1.1
JULY												
29...	1245	271	10	110	1.8	.7	3.5	1.6	12	0	10	1.3

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT.												
24...	6.0	.0	--	--	--	42	--	6	0	50	7.2	18.0
JAN.												
22...	4.6	.1	.19	.01	.04	28	33	11	2	38	6.3	12.0
MAY												
27...	4.5	.2	--	--	--	52	33	9	0	39	6.6	23.0
JULY												
29...	4.4	.0	.21	.01	.08	60	29	7	0	37	6.7	26.5

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)
OCT.												
24...	20	5	9.2	1.5	80	32	--	--	--	--	--	--
JAN.												
22...	30	15	9.7	3.4	67	80	--	--	--	--	--	--
MAY												
27...	15	10	7.4	1.2	12	200	--	--	--	--	--	--
JULY												
29...	15	15	7.4	.0	<5	850	4.6	.00	.0	.00	.00	<.01

DATE	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
27...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
29...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
24...	--	--	--	--	--	--	--	--	--	--	--
JAN.											
22...	--	--	--	--	0	0	0	3	0	.4	10
MAY											
27...	--	--	--	--	--	0	0	0	0	--	280
JULY											
29...	.00	.00	.00	.00	0	0	0	2	0	.2	0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CALCASIEU RIVER BASIN

08013000 - CALCASIEU RIVER NEAR GLENMORA, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT.												
10...	2010	29	29	--	5.2	1.3	--	1.6	26	0	21	3.2
FEB.												
14...	1205	672	12	130	3.6	.6	3.6	.8	8	0	7	3.0
APR.												
10...	0930	695	9.9	--	3.4	.8	4.5	1.4	12	0	10	4.4

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
OCT.											
10...	8.4	.1	--	--	--	78	--	18	0	75	6.9
FEB.											
14...	4.7	.0	.09	.00	.12	37	32	11	5	41	6.4
APR.											
10...	5.2	.0	--	--	--	49	36	12	2	49	6.4

DATE	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
OCT.											
10...	19.0	30	10	8.3	2.0	--	--	--	--	--	--
FEB.											
14...	13.0	90	20	8.8	2.8	--	--	--	--	--	--
APR.											
10...	16.0	60	30	7.7	5.8	.00	.0	.00	.00	.01	.00

DATE	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)
OCT.											
10...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
14...	--	--	--	--	--	--	--	--	--	--	--
APR.											
10...	.00	.00	.00	.00	.00	.08	.00	.00	.00	.0	0

DATE	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
10...	--	--	--	--	--	--	--	--	--	--	--
FEB.											
14...	--	--	--	--	0	0	0	9	1	.0	20
APR.											
10...	.00	.88	.00	.00	--	--	--	--	--	--	--

CALCASIEU RIVER BASIN

08015500 - CALCASIEU RIVER NEAR KINDER, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
OCT.												
09...	1420	375	27	--	5.5	1.5	--	2.0	44	0	36	4.9
FEB.												
12...	1450	2040	15	130	2.9	1.1	5.8	1.0	13	0	11	4.2
APR.												
07...	1215	1260	18	--	6.2	.7	5.3	1.2	16	0	13	4.0

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT.												
09...	12	.1	--	--	--	100	--	20	0	106	7.4	23.0
FEB.												
12...	6.7	.0	.06	.01	.06	41	43	12	1	65	6.6	14.0
APR.												
07...	6.6	.2	--	--	--	58	50	18	5	56	6.8	17.5

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
OCT.											
09...	70	7	8.3	3.7	--	--	--	--	--	--	--
FEB.											
12...	90	20	9.0	5.1	0	0	0	7	0	.0	40
APR.											
07...	30	15	8.6	2.8	--	--	--	--	--	--	--

SABINE RIVER BASIN

08028000 - BAYOU ANACOCO NEAR ROSEPINE, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)
OCT.								
09...	1650	17	6.2	1.1	--	1.6	24	0
NOV.								
05...	1900	6.7	5.0	.6	2.4	1.6	13	0
DEC.								
03...	1545	9.2	4.7	.7	4.3	1.5	16	0
JAN.								
21...	1030	9.5	6.4	.8	3.4	1.1	12	0
FEB.								
12...	1800	9.1	4.3	.6	3.3	1.4	12	0
MAR.								
12...	1030	9.6	4.8	.7	4.0	1.1	15	0
APR.								
07...	1030	13	5.3	.7	3.0	.9	14	0
JUNE								
04...	1015	7.8	2.3	1.9	3.0	1.1	20	0

DATE	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT.									
09...	20	3.3	8.9	.1	60	--	20	0	78
NOV.									
05...	11	3.3	3.8	.2	44	30	15	4	44
DEC.									
03...	13	4.9	5.3	.1	36	39	15	2	52
JAN.									
21...	10	4.1	5.1	.0	--	36	19	9	43
FEB.									
12...	10	4.3	4.9	.0	39	34	13	3	47
MAR.									
12...	12	4.1	5.5	.1	44	37	15	3	59
APR.									
07...	11	3.5	5.2	.5	52	39	16	5	46
JUNE									
04...	16	3.1	4.0	.3	63	33	14	0	42

DATE	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)
OCT.								
09...	7.3	23.0	30	6	8.2	3.1	--	--
NOV.								
05...	6.8	19.0	30	10	8.8	2.7	58	91
DEC.								
03...	6.9	10.5	40	10	9.8	2.6	50	10
JAN.								
21...	6.7	9.5	60	20	9.4	--	270	150
FEB.								
12...	6.6	13.5	90	25	9.4	3.1	2700	1600
MAR.								
12...	6.6	18.5	80	10	8.5	--	55	10
APR.								
07...	6.6	17.0	30	8	8.4	1.8	--	--
JUNE								
04...	6.7	25.0	50	20	6.8	1.3	--	280

MISSISSIPPI RIVER DELTA

295328091262000 ATCHAFALAYA RIVER MAIN CHANNEL AT MYETTE POINT, NEAR CHARENTON, LA. (COE NO. 07371557)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
JUNE												
04...	1417	50	26	7.5	84	0	69	26	22	.87	.01	.88
19...	1500	40	29	8.2	93	0	76	30	33	.57	.01	.58
JULY												
02...	1210	10	25	7.6	91	0	75	29	27	.49	.01	.50
16...	1339	50	27	8.6	100	0	82	26	22	.80	.01	.81
30...	1925	10	35	11	126	0	103	43	25	.99	.01	1.0
AUG.												
13...	2031	40	15	11	64	0	52	5.9	12	.00	.00	.00
27...	1755	10	39	12	126	0	103	52	44	.43	.01	.44

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
JUNE												
04...	.18	113	96	27	274	7.5	26.5	55	65	6.1	--	1200
19...	.24	316	110	30	328	7.2	26.5	60	75	5.9	5.7	58
JULY												
02...	.13	61	94	29	296	7.6	28.5	20	30	3.8	.1	120
16...	.20	200	100	21	302	7.2	--	10	55	4.2	.2	150
30...	.21	161	130	29	382	7.9	29.5	15	60	6.9	1.7	150
AUG.												
13...	.13	26	83	30	161	7.2	--	40	20	5.4	3.3	--
27...	.14	74	150	43	460	8.0	31.5	20	40	5.9	.8	220

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
JUNE												
04...	100	6.8	.00	1	0	.00	.0	.00	.00	.00	<.01	.00
19...	<5	7.2	.00	--	0	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	13	5.2	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
16...	<5	6.6	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
30...	10	5.2	.00	0	7	.00	.0	.00	.00	.00	<.01	.00
AUG.												
13...	--	8.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
27...	17	13	.00	5	1	.00	.0	.00	.00	.00	.01	.01

MISSISSIPPI RIVER DELTA

295328091262000 ATCHAFALAYA RIVER MAIN CHANNEL AT MYETTE POINT, NEAR CHARENTON, LA. (COE NO. 07371557)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
JUNE											
04...	.00	.00	.00	.0	0	4	4	0	5	5	0
19...	.00	.00	.00	.0	0	5	4	1	--	--	0
JULY											
02...	.00	.00	.00	.0	0	3	2	1	0	0	0
16...	.00	.00	.00	.0	0	2	2	0	0	0	0
30...	.00	.00	.00	.0	0	3	3	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	2	1	1	2	2	0
27...	.00	<.01	.00	.0	0	3	1	2	0	0	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
JUNE											
04...	<10	0	7	7	0	.1	.0	.1	40	20	20
19...	10	0	--	--	0	.0	.0	.0	70	70	0
JULY											
02...	<10	0	4	4	0	.2	.0	.2	20	20	0
16...	10	0	7	7	0	.1	.1	.0	20	0	20
30...	<10	0	8	8	0	.0	.0	.0	20	20	0
AUG.											
13...	<10	0	1	1	0	.1	.0	.1	60	40	20
27...	<10	0	3	3	0	.1	.0	.1	20	20	0

MISSISSIPPI RIVER DELTA

293540091093000 - BAYOU PENCHANT AT BAYOU CHENE, LA. (COE NO. 53100)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
JUNE												
04...	1425	10	24	5.8	89	0	73	18	17	.26	.02	.28
19...	1540	40	21	5.1	89	0	73	13	23	.18	.06	.24
JULY												
02...	1325	10	20	5.1	86	0	71	8.4	16	.03	.01	.04
16...	1305	10	21	5.3	86	0	71	11	19	.02	.01	.03
30...	1835	10	21	5.9	82	0	67	11	17	.07	.01	.08
AUG.												
13...	2010	20	37	5.2	116	0	95	45	43	.64	.01	.65
27...	1720	20	17	7.0	69	0	57	11	44	.19	.00	.19
SEP.												
08...	1832	20	17	5.2	72	0	59	7.1	18	.03	.00	.03
16...	1520	10	19	5.6	73	0	60	12	15	.00	.01	.01

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
JUNE												
04...	.52	73	88	15	239	7.5	28.0	20	30	7.1	1.7	1600
19...	1.4	--	78	5	243	7.3	29.5	--	230	8.9	7.0	400
JULY												
02...	.13	107	75	4	207	7.7	27.5	20	30	5.6	2.0	6400
16...	.13	71	78	8	222	7.5	--	10	20	6.8	1.5	650
30...	.93	91	77	10	209	7.8	29.5	30	40	7.0	3.5	2700
AUG.												
13...	.14	40	110	15	433	7.5	20.5	10	45	5.3	.0	--
27...	1.2	192	71	14	211	7.4	31.5	40	50	4.7	2.2	130
SEP.												
08...	.17	45	64	5	219	7.8	30.0	35	30	8.3	--	560
16...	.15	54	71	11	200	8.0	28.0	50	30	7.6	1.8	58

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
JUNE												
04...	660	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
19...	<5	47	.00	--	--	.00	.0	.00	.00	.00	.00	.00
JULY												
02...	10	6.8	.00	0	1	.00	.0	.00	.00	.00	.00	.00
16...	40	7.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	42	8.4	.00	0	3	.00	.0	.00	.00	.00	.00	.00
AUG.												
13...	--	5.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
27...	32	35	.00	1	1	.00	.0	.00	.00	.00	.00	.00
SEP.												
08...	50	9.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
16...	17	12	.00	0	0	.00	.0	.00	.00	.00	.00	.00

MISSISSIPPI RIVER DELTA

293540091093000 - BAYOU PENCHANT AT BAYOU CHENE, LA. (COE NO. 53100)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
JUNE											
04...	.00	.00	.00	.0	0	4	4	0	6	6	0
19...	.00	.00	.00	.0	0	--	--	1	1	1	0
JULY											
02...	.00	.00	.00	.0	0	2	1	1	0	0	0
16...	.00	.00	.00	.0	0	1	0	1	0	0	0
30...	.00	.00	.00	.0	0	2	2	0	0	0	0
AUG.											
13...	.00	.00	.00	.0	0	2	2	0	0	0	0
27...	.00	.00	.00	.0	0	6	4	2	0	0	0
SEP.											
08...	.00	.00	.00	.0	0	4	3	1	0	0	0
16...	.00	.00	.00	.0	0	3	2	1	0	0	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
JUNE											
04...	<10	0	10	0	10	.1	.0	.1	30	20	10
19...	<10	0	0	0	0	.0	.0	.0	50	50	3
JULY											
02...	<10	0	6	6	0	.1	.0	.1	30	30	0
16...	<10	0	8	8	0	.0	.0	.0	30	20	10
30...	<10	0	8	7	1	.0	.0	.0	10	10	0
AUG.											
13...	<10	0	6	6	0	.2	.1	.1	40	10	30
27...	20	0	8	8	0	.1	.0	.1	20	20	0
SEP.											
08...	<10	0	4	4	0	.0	.0	.0	40	30	6
16...	<10	0	4	4	0	.0	.0	.0	20	20	0

300115090245000 - BONNET CARRE SPILLWAY AT U.S. HIGHWAY 61, NEAR NEW ORLEANS, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
14...	1511	0	28	7.5	91	0	75	30	12	.97	.03	1.0
15...	0945	10	28	7.5	86	0	71	30	14	.96	.04	1.0
18...	1325	30	28	8.2	89	0	73	31	23	1.1	.02	1.1
20...	1345	20	25	8.9	86	0	71	31	18	--	--	--
22...	1230	--	27	7.9	89	0	73	30	11	1.2	.01	1.2
24...	1350	20	28	7.9	92	0	75	29	10	1.2	.02	1.2
26...	1327	10	29	8.0	95	0	78	30	11	1.2	.01	1.2
28...	1255	0	27	8.4	99	0	81	34	14	1.1	.01	1.1
MAY												
09...	1226	0	33	9.5	107	0	88	37	14	1.2	.01	1.2

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
14...	.31	422	100	26	260	7.7	14.0	32	80	8.8	1.1	300
15...	.25	28	100	29	261	7.7	--	20	75	9.2	1.6	420
18...	.19	303	100	31	254	7.7	13.5	10	120	--	--	500
20...	--	144	99	29	259	7.8	--	30	65	8.8	.3	--
22...	.08	245	100	27	256	7.8	14.5	5	120	10.0	.4	840
24...	.24	175	100	25	289	7.7	18.0	10	65	9.7	1.9	1100
26...	.18	118	110	27	269	7.7	--	5	65	9.1	1.3	400
28...	.17	102	100	21	287	7.7	19.5	15	55	8.1	--	620
MAY												
09...	.09	97	120	32	310	7.5	20.0	25	60	8.3	1.8	880

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
14...	83	7.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	95	9.6	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
18...	170	17	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
20...	200	9.0	.00	0	17	.00	.0	.00	.00	.00	.00	.00
22...	170	5.2	.00	3	0	.00	.0	.00	.00	.00	<.01	.00
24...	130	8.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	140	16	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	100	4.2	.00	2	0	.00	.0	.00	.00	.00	<.01	.00
MAY												
09...	--	9.8	.00	1	0	.00	.0	.00	.00	.00	<.01	.00

300115090245000 - BONNET CARRE SPILLWAY AT U.S. HIGHWAY 61 NEAR, NEW ORLEANS, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
APR.											
14...	.00	.00	.00	.0	0	4	3	1	5	5	0
15...	.00	.00	.00	.0	0	4	3	1	1	1	0
18...	.00	.00	.00	.0	0	1	0	1	0	0	0
20...	.00	.00	.00	.0	0	7	6	1	0	0	0
22...	.00	.00	.00	.0	0	2	2	0	0	0	0
24...	.00	.00	.00	.0	0	4	4	0	2	2	0
26...	.00	.00	.00	.0	0	3	2	1	0	0	0
28...	.00	.00	.00	.0	0	2	1	1	1	1	0
MAY											
09...	.00	.00	.00	.0	0	2	2	0	1	1	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
APR.											
14...	15	0	32	31	1	.0	.0	.0	80	80	0
15...	<10	0	12	9	3	.1	.0	.1	40	30	6
18...	10	0	11	11	0	.0	.0	.0	60	60	0
20...	<10	0	5	5	0	.2	.0	.2	20	20	0
22...	<10	0	5	5	0	.1	.0	.1	30	30	0
24...	<10	0	20	20	0	.2	.1	.1	20	20	3
26...	<10	0	17	17	0	.3	.0	.3	40	40	0
28...	<10	0	6	5	1	.3	.0	.3	40	40	0
MAY											
09...	<10	0	9	9	0	.1	.0	.1	30	30	0

MISSISSIPPI RIVER DELTA

295853089442100 - LAKE BORGNE 2.5 MILES NORTHWEST OF PROCTOR POINT, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
16...	1130	20	37	86	44	0	36	180	1200	.44	.02	.46
18...	1005	0	40	86	44	0	36	190	1300	.00	.00	.00
20...	1045	0	37	89	45	0	37	190	1400	.01	.00	.01
22...	0930	40	43	100	52	0	43	220	1500	.01	.00	.01
24...	1100	20	43	97	54	0	44	190	1400	.00	.00	.00
26...	1013	50	42	85	61	0	50	180	1200	.00	.00	.00
28...	1035	10	38	73	66	0	54	160	1100	.00	.00	.00
30...	1107	--	--	--	--	--	--	--	--	--	--	--
MAY												
02...	1025	10	42	83	67	0	55	160	1200	.08	.01	.09
09...	0930	10	37	69	65	0	53	160	1000	.01	.01	.02

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
16...	.09	28	450	410	4400	7.8	18.5	17	15	10.0	1.0	16
18...	.04	34	450	420	4320	7.7	21.0	10	15	9.4	.7	120
20...	.01	75	460	420	4570	7.9	20.5	10	30	8.4	.4	500
22...	.04	41	520	480	5170	7.8	19.5	5	25	9.3	.9	20
24...	.28	25	510	470	5150	7.6	21.5	5	10	9.6	1.7	120
26...	.04	13	450	400	4420	8.2	--	15	9	10.2	2.1	<5
28...	.05	22	400	340	3720	8.7	24.5	20	9	8.1	1.0	<5
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
02...	.05	26	450	390	4210	7.9	23.0	12	15	7.8	1.5	--
09...	.40	26	380	330	3630	7.3	24.0	10	15	8.3	1.6	33

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
16...	6	6.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
18...	<5	3.4	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	8	7.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	<5	6.1	.00	1	0	.00	.0	.00	.00	.00	.00	.00
24...	8	10	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	<5	15	.00	3	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	5.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	--	--	--	--	--	.00	.0	.00	.00	.00	.00	.00
MAY												
02...	12	9.3	.00	2	0	.00	.0	.00	.00	.00	.00	.00
09...	<5	6.9	.00	0	0	.00	.0	.00	.00	.00	.00	.00

295853089442100 - LAKE BORGNE 2.5 MILES NORTHWEST OF PROCTOR POINT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
APR.											
16...	.00	.00	.00	.0	0	1	0	1	2	1	1
18...	.00	.00	.00	.0	0	0	0	0	1	1	0
20...	.00	.00	.00	.0	0	2	2	0	0	0	0
22...	.00	.00	.00	.0	0	0	0	0	0	0	0
24...	.00	.00	.00	.0	0	1	0	1	2	2	0
26...	.00	.00	.00	.0	0	1	0	1	5	5	0
28...	.00	.00	.00	.0	0	1	0	1	0	0	0
30...	.00	.00	.00	.0	0	--	--	--	--	--	--
MAY											
02...	.00	.00	.00	.0	0	1	1	0	0	0	0
09...	.00	.00	.00	.0	0	0	0	0	1	1	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
APR.											
16...	<10	0	9	9	0	.3	.0	.3	30	30	0
18...	<10	0	3	1	2	.0	.0	.0	30	30	0
20...	<10	0	15	15	0	.1	.0	.1	30	30	0
22...	<10	0	2	0	2	.1	.0	.1	10	10	0
24...	<10	0	5	5	0	.2	.1	.1	20	20	3
26...	<10	0	5	5	0	.2	.1	.1	20	10	7
28...	<10	0	0	0	0	.3	.0	.3	10	10	0
30...	--	--	--	--	--	--	--	--	--	--	--
MAY											
02...	<10	0	0	0	0	.2	.0	.2	20	20	0
09...	<10	0	4	4	0	.1	.0	.1	30	30	3

300218089374500 - LAKE BORGNE 5.5 MILES EAST OF ALLIGATOR POINT, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
16...	1117	20	29	70	38	0	31	150	1100	.02	.01	.03
18...	1015	30	25	64	35	0	29	130	930	.00	.01	.00
20...	1050	0	28	66	36	0	30	140	980	.00	.01	.01
22...	0940	10	34	80	43	0	35	160	1200	.00	.01	.01
24...	1105	20	37	85	47	0	39	190	1200	.00	.00	.00
26...	1023	10	33	75	42	0	34	160	1000	.00	.00	.00
28...	1025	10	39	90	50	0	41	370	1300	.01	.00	.01
30...	1100	10	37	84	46	0	38	170	1300	.72	.01	.73
MAY												
02...	1015	40	20	39	34	0	28	80	660	.09	.00	.09
09...	0937	30	39	88	52	0	43	200	1300	.02	.01	.03

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
16...	.14	34	360	330	3800	8.1	18.0	16	20	9.5	.6	26
18...	.07	62	330	300	3290	7.9	19.5	22	20	9.3	.2	57
20...	.03	126	340	310	3420	7.8	20.5	11	45	8.4	.3	90
22...	.05	42	410	380	4150	7.6	19.0	5	25	9.5	.9	<5
24...	.05	31	440	400	4420	7.7	21.5	10	15	9.8	2.2	75
26...	.19	13	390	360	3840	7.7	--	24	9	8.4	1.4	42
28...	.03	29	470	430	4490	7.8	25.0	10	9	7.4	.2	33
30...	.34	53	440	400	4320	7.3	--	10	20	7.3	1.3	42
MAY												
02...	.06	11	210	180	2090	7.3	24.0	10	20	7.7	1.9	33
09...	.25	21	460	420	4510	7.2	24.5	5	10	7.8	1.1	<5

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
16...	<5	5.6	.00	7	0	.00	.0	.00	.00	.00	.00	.00
18...	<5	3.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	<5	13	.00	0	14	.00	.0	.00	.00	.00	.00	.00
22...	<5	5.0	.00	22	0	.00	.0	.00	.00	.00	.00	.00
24...	23	11	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	6	7.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	5.3	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	<5	9.2	.00	2	0	.00	.0	.00	.00	.00	.00	.00
MAY												
02...	11	6.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
09...	<5	11	.00	2	0	.00	.0	.00	.00	.00	.00	.00

300218089374500 - LAKE BORGNE 5.5 MILES EAST OF ALLIGATOR POINT, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
APR.											
16...	.00	.00	.00	.0	0	1	0	1	2	2	0
18...	.00	.00	.00	.0	0	0	0	0	0	0	1
20...	.00	.00	.00	.0	0	1	1	0	0	0	0
22...	.00	.00	.00	.0	0	0	0	0	0	0	0
24...	.00	.00	.00	.0	0	1	1	0	0	0	0
26...	.00	.00	.00	.0	0	1	1	0	2	2	0
28...	.00	.00	.00	.0	0	1	0	1	0	1	0
30...	.00	.00	.00	.0	0	1	1	0	0	0	1
MAY											
02...	.00	.00	.00	.0	0	1	1	0	1	1	0
09...	.00	.00	.00	.0	0	0	0	0	0	0	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
APR.											
16...	<10	0	10	9	1	.2	.0	.2	40	30	7
18...	<10	0	1	1	0	.1	.0	.1	20	20	0
20...	<10	0	3	2	1	.1	.0	.1	20	20	0
22...	<10	0	4	3	1	.1	.0	.1	7	7	0
24...	<10	0	4	4	0	.2	.0	.2	0	0	7
26...	<10	0	1	1	0	.3	.0	.3	10	8	2
28...	<10	0	0	0	0	.3	.0	.3	10	0	0
30...	<10	0	0	0	0	.2	.0	.2	7	3	4
MAY											
02...	<10	0	0	0	0	.2	.1	.1	10	7	3
09...	<10	0	5	5	0	.1	.0	.1	20	20	3

300450090220500 - LAKE PONTCHARTRAIN 2.25 MILES NW OF BAYOU BRANCH, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
12...	1315	0	28	8.3	90	0	74	30	19	.96	.01	.97
12...	1330	10	28	8.8	90	0	74	32	22	.99	.01	1.0
14...	1522	0	25	9.6	86	0	71	33	42	.93	.02	.95
15...	1005	50	19	25	36	0	30	57	360	.39	.01	.40
18...	1315	0	27	7.5	80	0	66	30	13	.96	.04	1.0
20...	1335	40	28	7.6	85	0	70	30	11	1.1	.03	1.1
22...	1215	0	25	8.4	87	0	71	37	22	1.1	.01	1.1
24...	1340	40	28	7.9	91	0	75	30	12	1.1	.02	1.1
26...	1317	10	28	8.1	91	0	75	32	14	1.1	.03	1.1
28...	1248	0	27	12	85	0	70	37	93	.92	.02	.94
MAY												
09...	1221	0	33	13	104	0	85	42	75	1.1	.01	1.1

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
12...	.16	113	100	26	272	7.8	--	10	55	9.0	1.1	--
12...	.17	81	110	36	273	7.8	--	15	55	9.2	1.5	440
14...	.21	201	100	31	360	7.9	15.5	36	65	9.6	.4	1400
15...	.19	199	150	120	1410	7.5	--	30	55	9.7	1.4	140
18...	.15	106	98	33	261	7.8	16.5	35	60	9.0	.5	440
20...	.09	180	100	32	263	8.1	18.5	55	60	8.6	.0	--
22...	.08	105	97	26	283	8.0	16.0	5	70	9.2	1.1	280
24...	.19	75	100	25	318	7.7	--	5	45	9.2	1.7	530
26...	.10	37	100	29	268	8.0	--	37	35	9.5	1.7	67
28...	.11	61	120	47	540	7.9	23.0	30	40	7.3	.2	--
MAY												
09...	.10	61	140	55	509	7.5	23.0	20	40	8.3	.7	380

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
12...	230	4.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
12...	190	5.3	.00	0	0	.00	.0	.00	.00	.00	.00	.00
14...	110	9.5	.00	0	0	.00	.0	.00	.00	.00	.00	.00
15...	110	11	.00	2	0	.00	.0	.00	.00	.00	.00	.00
18...	210	6.0	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
20...	--	14	.00	0	19	.00	.0	.00	.00	.00	.00	.00
22...	26	3.5	.00	1	0	.00	.0	.00	.00	.00	.00	.00
24...	180	21	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	17	3.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	140	7.0	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
MAY												
09...	29	4.4	.00	1	0	.00	.0	.00	.00	.00	.00	.00

MISSISSIPPI RIVER DELTA

300450090220500 - LAKE PONTCHARTRAIN 2.25 MILES NORTHWEST OF BAYOU BRANCH, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
APR.											
12...	.00	.00	.00	.0	0	2	2	0	0	0	0
12...	.00	.00	.00	.0	0	2	2	0	0	0	0
14...	.00	.00	.00	.0	0	3	3	0	2	2	0
15...	.00	.00	.00	.0	0	4	3	1	1	1	0
18...	.00	.00	.00	.0	0	2	1	1	0	0	0
20...	.00	.00	.00	.0	0	2	1	1	0	0	0
22...	.00	.00	.00	.0	0	1	1	0	0	0	0
24...	.00	.00	.00	.0	0	3	2	1	2	2	0
26...	.00	.00	.00	.0	0	2	1	1	0	0	0
28...	.00	.00	.00	.0	0	1	0	1	0	0	0
MAY											
09...	.00	.00	.00	.0	0	2	2	0	0	0	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
APR.											
12...	10	0	5	5	0	.1	.1	.0	10	1	9
12...	<10	0	2	2	0	.0	.0	.0	10	6	4
14...	<10	0	18	16	2	.0	.0	.0	30	30	0
15...	<10	0	10	9	1	.1	.0	.1	20	10	10
18...	<10	0	--	--	1	.2	.0	.2	60	60	0
20...	<10	0	7	7	0	.2	.2	.0	30	30	0
22...	<10	0	5	5	0	.1	.1	.0	20	20	0
24...	<10	0	8	8	0	.1	.0	.1	3	0	5
26...	<10	0	8	8	0	.2	.0	.2	10	7	3
28...	<10	0	0	0	0	.3	.0	.3	10	10	0
MAY											
09...	10	0	7	7	0	.2	.0	.2	20	20	2

301120089251000 - MISSISSIPPI SOUND (GIWW) AT MILE 46.5, NEAR GRAND ISLE, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
APR.												
16...	1100	90	16	34	22	0	18	75	480	.45	.00	.45
18...	1030	40	24	54	34	0	28	120	800	.07	.00	.07
20...	1105	60	22	48	29	0	24	100	690	.10	.00	.10
22...	0955	50	21	43	32	0	26	88	600	.17	.00	.17
24...	1120	10	34	72	48	0	39	140	1100	.01	.00	.01
26...	1039	10	29	62	39	0	32	140	930	.00	.00	.00
28...	1012	10	31	69	42	0	34	140	1000	.00	.00	.00
30...	1047	--	--	--	--	--	--	--	--	--	--	--
MAY												
02...	1000	30	21	43	33	0	27	97	640	.08	.01	.09
09...	0950	20	8.5	16	24	0	20	40	240	.16	.01	.17

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
APR.												
16...	.08	72	180	160	1900	7.2	17.5	43	30	9.0	1.2	280
18...	.06	60	280	250	2950	7.3	19.0	34	25	9.0	.9	1100
20...	.05	73	250	230	2580	7.4	19.5	38	25	8.2	.1	170
22...	.04	43	230	200	2330	7.4	19.0	40	35	9.3	.9	220
24...	.17	15	380	340	3770	7.4	21.5	10	8	10.2	2.3	30
26...	.06	39	330	300	3280	7.5	--	5	15	8.8	1.8	--
28...	.05	30	360	330	3610	7.7	24.0	20	15	7.7	1.0	13
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
02...	.06	40	230	200	2360	7.3	24.0	10	20	7.5	1.0	80
09...	.07	53	87	67	945	7.1	23.0	50	30	--	--	--

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
APR.												
16...	84	6.2	.00	0	0	.00	.0	.00	.00	.00	.00	.00
18...	42	29	.00	0	0	.00	.0	.00	.00	.00	.00	.00
20...	<5	14	.00	0	0	.00	.0	.00	.00	.00	.00	.00
22...	60	6.2	.00	2	0	.00	.0	.00	.00	.00	.00	.00
24...	16	6.6	.00	0	0	.00	.0	.00	.00	.00	.00	.00
26...	9	6.0	.00	0	0	.00	.0	.00	.00	.00	.00	.00
28...	<5	5.7	.00	0	0	.00	.0	.00	.00	.00	.00	.00
30...	--	--	--	--	--	.00	.0	.00	.00	.00	.00	.00
MAY												
02...	29	6.1	.00	0	0	.00	.0	.00	.00	.00	.00	.00
09...	--	9.1	.00	2	0	.00	.0	.00	.00	.00	.00	.00

301120089251000 - MISSISSIPPI SOUND (GIWW) AT MILE 46.5, NEAR GRAND ISLE, LA.--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
APR.											
16...	.00	.00	.00	.0	0	2	2	0	0	0	0
18...	.00	.00	.00	.0	0	1	0	1	0	0	0
20...	.00	.00	.00	.0	0	0	0	0	0	0	0
22...	.00	.00	.00	.0	0	1	1	0	1	1	0
24...	.00	.00	.00	.0	0	1	1	0	0	0	0
26...	.00	.00	.00	.0	0	1	0	1	0	0	0
28...	.00	.00	.00	.0	0	1	1	0	0	0	0
30...	.00	.00	.00	.0	0	--	--	--	--	--	--
MAY											
02...	.00	.00	.00	.0	0	0	0	0	0	0	0
09...	.00	.00	.00	.0	0	2	2	0	1	0	1

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
APR.											
16...	<10	0	8	8	0	.1	.0	.1	0	0	0
18...	<10	0	0	0	0	.1	.0	.1	20	20	0
20...	<10	0	2	2	0	.2	.1	.1	20	10	7
22...	<10	0	3	0	3	.1	.0	.1	20	20	0
24...	<10	0	6	6	0	.1	.0	.1	5	1	4
26...	<10	0	7	7	0	.2	.0	.2	20	10	9
28...	<10	0	0	0	0	.3	.0	.3	20	0	0
30...	--	--	--	--	--	--	--	--	--	--	--
MAY											
02...	<10	0	1	0	1	.2	.0	.2	50	50	2
09...	<10	0	1	0	3	.1	.0	.1	10	0	20

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

291230089014000 MISSISSIPPI RIVER NORTH PASS AT MOUTH (COE NO. 01900)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
JUNE												
02...	1300	10	32	9.8	108	0	89	35	18	1.9	.01	1.9
17...	1400	10	41	19	124	0	102	59	130	1.4	.01	1.4
JULY												
01...	1155	50	42	14	135	0	111	52	37	1.6	.03	1.6
15...	1335	0	45	15	146	0	120	56	56	2.2	.01	2.2
29...	1632	0	49	40	137	0	112	110	460	1.8	.01	1.8
AUG.												
12...	1012	10	47	37	134	0	110	100	420	1.3	.01	1.3
26...	1015	20	58	66	141	0	116	170	880	.87	.01	.88
SEP.												
09...	1219	30	71	100	139	0	114	260	1300	.41	.01	.42
16...	0840	10	40	14	136	0	112	57	26	.61	.01	.62

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
JUNE												
02...	.26	162	120	32	314	7.8	24.5	19	65	9.0	7.5	5100
17...	.34	350	180	79	751	7.6	--	10	70	7.3	.0	4100
JULY												
01...	.31	288	160	49	445	8.0	28.0	20	65	6.8	1.2	2900
15...	.29	177	180	59	439	7.9	--	50	45	6.2	.3	--
29...	3.9	98	290	180	1900	7.5	29.5	5	30	6.3	1.1	5700
AUG.												
12...	.22	13	270	160	1700	7.8	29.0	0	7	6.6	.4	2300
26...	.58	7	420	300	3300	8.0	30.5	15	10	6.5	.7	1200
SEP.												
09...	.14	21	590	480	4910	8.1	31.0	3	4	7.6	3.9	--
16...	.19	47	160	48	433	8.0	30.5	10	20	8.1	1.4	170

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
JUNE												
02...	820	9.2	.00	2	0	.00	.0	.00	.00	.00	<.01	.00
17...	200	7.5	.00	--	0	.00	.0	.00	.00	.00	<.01	.00
JULY												
01...	250	5.2	.00	5	0	.00	.0	.00	.00	.00	.01	<.01
15...	--	4.0	.00	0	0	.00	.0	.00	.00	.00	.01	.00
29...	550	8.2	.00	0	--	.00	.0	.00	.00	.00	.00	.00
AUG.												
12...	200	6.6	.01	3	1	.00	.0	.00	.00	.00	.01	.00
26...	180	2.8	.00	0	0	.00	.0	.00	.00	.00	.02	.01
SEP.												
09...	160	4.0	.00	0	0	.00	.0	.00	.00	.00	.00	.01
16...	67	1.6	.00	0	3	.00	.0	.00	.00	.00	.00	.00

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

291230089014000 MISSISSIPPI RIVER NORTH PASS AT MOUTH (COE NO. 01900)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
JUNE											
02...	.00	.00	.00	.0	0	5	4	1	3	3	0
17...	.00	.00	.00	.0	0	3	2	1	4	3	1
JULY											
01...	.00	<.01	.00	.0	0	5	4	1	2	2	0
15...	.00	.00	.00	.0	0	3	2	1	0	0	1
29...	.00	.00	.00	.0	0	2	1	1	4	3	1
AUG.											
12...	.00	.00	.00	.0	0	2	1	1	2	1	1
26...	.00	.00	.00	.0	0	1	0	1	1	1	0
SEP.											
09...	.00	.00	.00	.0	0	1	0	1	0	0	0
16...	.00	.00	.00	.0	0	2	1	1	0	0	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE											
02...	10	0	10	10	0	.0	.0	.1	80	50	30
17...	<10	0	11	10	1	.0	.0	.0	40	40	0
JULY											
01...	<10	0	15	15	0	.2	.1	.1	50	50	0
15...	10	0	11	10	1	.1	.1	.0	80	60	20
29...	<10	0	3	3	0	.2	.1	.1	40	40	0
AUG.											
12...	<10	0	12	12	0	.1	.0	.1	50	50	4
26...	10	0	18	18	0	.0	.0	.0	10	2	8
SEP.											
09...	<10	0	0	0	3	.0	.0	.0	10	8	2
16...	<10	0	0	0	0	.0	.0	.0	10	4	6

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

290053089095700 MISSISSIPPI RIVER AT SOUTH PASS, AT POINT EADS, LA. (COE NO. 01850)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HC03) (MG/L)	CAR-BONATE (C03) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (S04) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
JUNE												
02...	1315	0	34	11	109	0	89	37	26	1.4	.00	1.4
17...	1415	10	39	15	125	0	103	54	73	1.5	.00	1.5
JULY												
01...	1130	10	47	15	132	0	108	56	64	1.8	.00	1.8
15...	1325	0	44	15	145	0	119	50	33	2.3	.01	2.3
29...	1650	0	55	57	186	0	153	150	740	1.9	.01	1.9
AUG.												
12...	1025	90	61	82	132	0	108	200	1000	1.2	.00	1.2
26...	1026	20	63	86	138	0	113	210	1100	1.8	.02	1.8
SEP.												
09...	1200	40	63	81	141	0	116	220	1000	.44	.01	.45
16...	0852	0	51	42	147	0	121	120	410	.26	.01	.27

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
JUNE												
02...	.32	125	130	41	312	7.8	24.0	10	60	9.1	3.7	1600
17...	.31	230	160	57	400	7.6	--	10	65	7.4	.4	3000
JULY												
01...	.38	218	180	72	448	8.0	28.5	25	65	7.8	1.8	2800
15...	.23	86	170	53	461	7.7	--	10	35	6.0	.4	--
29...	.19	32	370	220	2740	7.8	30.0	5	15	6.2	.6	3200
AUG.												
12...	.19	16	490	380	3960	7.7	28.5	0	10	--	.8	1000
26...	.20	7	510	400	4220	8.0	31.0	20	11	6.4	.2	2100
SEP.												
09...	.17	25	490	380	3900	8.2	31.5	5	8	7.5	3.6	--
16...	.16	23	300	180	1840	8.1	30.5	15	4	7.9	.2	2600

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
JUNE												
02...	300	5.6	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
17...	500	6.7	.00	0	0	.00	.0	.00	.00	.00	<.01	.00
JULY												
01...	500	5.8	.00	2	0	.00	.0	.00	.00	.00	<.01	<.01
15...	--	4.0	.00	0	0	.00	.0	.00	.00	.00	.01	.00
29...	150	4.8	.00	0	5	.00	.0	.00	.00	.00	.01	.00
AUG.												
12...	200	3.6	.01	6	1	.00	.0	.00	.00	.00	<.01	.00
26...	300	3.8	.00	2	0	.00	.0	.00	.00	.00	.01	.01
SEP.												
09...	1300	4.4	.00	0	0	.00	.0	.00	.00	.00	.01	.01
16...	80	13	.00	0	0	.00	.0	.00	.00	.00	.00	.00

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

290053089095700 MISSISSIPPI RIVER AT SOUTH PASS, AT POINT EADS, LA. (COE NO. 01850)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	DISSOLVED CADMIUM (CD) (UG/L)
JUNE											
02...	.00	.00	.00	.0	0	4	3	1	2	2	0
17...	.00	.00	.00	.0	0	4	3	1	2	2	0
JULY											
01...	.00	<.01	.00	.0	0	5	4	1	2	2	0
15...	.00	.00	.00	.0	0	2	1	1	0	0	1
29...	.00	.00	.00	.0	0	1	1	0	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	2	1	1	0	0	1
26...	.00	.00	.00	.0	0	1	0	1	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	1	0	1	3	2	1
16...	.00	.00	.00	.0	0	1	0	1	0	0	0

DATE	TOTAL CHROMIUM (CR) (UG/L)	HEXAVALENT CHROMIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	DISSOLVED ZINC (ZN) (UG/L)
JUNE											
02...	<10	0	6	6	0	.0	.0	.0	40	20	20
17...	10	0	8	8	0	.0	.0	.0	50	50	1
JULY											
01...	<10	0	15	15	0	.0	.0	.0	40	40	0
15...	10	0	7	6	1	.1	.0	.1	20	20	3
29...	<10	0	7	7	0	.2	.2	.0	10	10	0
AUG.											
12...	<10	0	0	0	0	.2	.2	.0	50	50	0
26...	20	0	12	12	0	.0	.0	.0	10	10	0
SEP.											
09...	<10	0	0	0	0	.0	.0	.0	40	30	10
16...	<10	0	0	0	0	.1	.1	.0	10	7	3

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

285442089253000 MISSISSIPPI RIVER AT SOUTHWEST PASS JETTY, LA. (COE NO. 01670)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)
JUNE												
02...	1330	10	34	9.6	110	0	90	35	21	1.6	.01	1.6
17...	1433	10	45	28	127	0	104	77	270	1.5	.01	1.5
JULY												
01...	1115	30	54	49	132	0	108	130	600	1.6	.01	1.6
15...	1315	10	78	130	146	0	120	260	1600	2.1	.01	2.1
29...	1705	20	81	140	141	0	116	300	1900	1.9	.01	1.9
AUG.												
12...	1040	100	88	170	135	0	111	400	2400	--	--	--
26...	1043	40	100	200	137	0	112	460	2900	.75	.01	.76
SEP.												
09...	1210	10	76	110	140	0	115	280	1500	.41	.00	.41
16...	0904	0	66	95	147	0	121	210	1100	.23	.02	.25

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	IMME-DIATE COLI-FORM (COL. PER 100 ML)
JUNE												
02...	1.0	70	120	34	332	7.8	24.0	20	45	6.7	4.3	1900
17...	.16	97	230	120	1220	7.5	--	10	35	7.7	.1	1700
JULY												
01...	.17	55	340	230	2330	8.0	28.0	15	25	7.0	1.0	1800
15...	.22	89	730	610	5660	7.7	--	5	30	7.2	.4	--
29...	.23	99	780	660	6630	7.8	30.0	5	45	6.7	.9	1400
AUG.												
12...	--	--	920	810	8020	7.8	28.5	0	9	6.6	.5	680
26...	.16	7	1100	960	9540	7.6	31.0	10	7	6.9	.1	1300
SEP.												
09...	.14	27	640	530	5480	8.1	31.5	0	6	7.7	3.0	--
16...	.14	21	560	440	4400	8.3	30.0	10	5	7.6	.7	1320

DATE	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)
JUNE												
02...	250	5.2	.00	3	0	.00	.0	.00	.00	.00	<.01	.00
17...	80	6.2	.00	--	0	.00	.0	.00	.00	.00	<.01	.00
JULY												
01...	180	4.0	.00	5	0	.00	.0	.00	.00	.00	.01	<.01
15...	--	3.4	.01	0	--	.00	.0	.00	.00	.00	<.01	.00
29...	320	6.2	.00	0	73	.00	.0	.00	.00	.00	.01	.00
AUG.												
12...	200	--	--	--	9	.00	.0	.00	.00	.00	.01	.00
26...	110	4.8	.01	0	0	.00	.0	.00	.00	.00	.01	.01
SEP.												
09...	110	3.6	.00	0	0	.00	.0	.00	.00	.00	.01	.01
16...	120	4.8	.00	0	0	.00	.0	.00	.00	.00	.00	.00

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

285442089253000 MISSISSIPPI RIVER AT SOUTHWEST PASS JETTY, LA. (COE NO. 01670)--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TOTAL ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)
JUNE											
02...	.00	.00	.00	.0	0	2	1	1	1	1	0
17...	.00	.00	.00	.0	0	2	1	1	2	1	1
JULY											
01...	.00	<.01	.00	.0	0	3	2	1	0	0	1
15...	.00	.00	.00	.0	0	1	0	1	0	0	1
29...	.00	.00	.00	.0	0	2	1	1	0	0	0
AUG.											
12...	.00	.00	.00	.0	0	--	--	1	0	0	0
26...	.00	.00	.00	.0	0	1	1	0	0	0	0
SEP.											
09...	.00	.00	.00	.0	0	1	0	1	0	0	0
16...	.00	.00	.00	.0	0	1	0	1	0	0	0

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	HEXA-VALENT CHRO-MIUM (CR6) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)
JUNE											
02...	<10	0	1	1	0	.1	.0	.1	40	0	40
17...	<10	0	5	5	0	.0	.0	.0	20	20	0
JULY											
01...	<10	0	6	6	0	.1	.1	.0	30	30	0
15...	<10	0	7	7	0	.1	.1	.0	20	0	20
29...	<10	0	4	4	0	.2	.0	.2	20	20	0
AUG.											
12...	10	0	0	0	0	--	--	.0	50	50	0
26...	10	0	5	5	0	.0	.0	.0	30	20	6
SEP.											
09...	<10	0	0	0	0	.0	.0	.0	20	10	10
16...	<10	0	2	2	0	.1	.1	.0	10	9	1

LOWER MISSISSIPPI RIVER BASIN

310354091410800 - OLD RIVER OUTFLOW CHANNEL NEAR KNOX LANDING

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
AUG. 26...	1125	86800	2.2	44	13	26	3.5	149	0	122

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
AUG. 26...	68	20	.2	4.2	.00	.03	1.4	1.8	.13

DATE	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
AUG. 26...	.02	246	250	97	160	41	449	7.9	29.0

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
AUG. 26...	5	25	7.5	96	3.0	6.0	144	55600	61

330005091095500 - MISSISSIPPI RIVER AT MILE 507

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
JULY 29...	1500	6.8	44	15	28	3.7	152	0	125	58

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
JULY 29...	35	.3	.01	.57	2.0	.19	.09	295	266	170

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)
JULY 29...	45	419	7.8	29.0	30	45	7.3	94	3.9

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

320725091031000 - MISSISSIPPI RIVER AT MILE 418

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
JULY 22...	1815	7.9	49	14	17	3.4	154	0	126	51

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
JULY 22...	16	.6	.00	.70	2.5	.20	.10	257	235	180

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)
JULY 22...	54	409	7.8	29.5	15	50	7.2	94	3.9

310500091350000 - MISSISSIPPI RIVER AT MILE 314

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
JULY 31...	1405	7.8	44	13	17	3.3	149	0	122	48

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
JULY 31...	16	.3	.01	.70	2.4	.18	.08	241	223	160

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)
JULY 31...	38	406	7.7	30.0	5	50	6.3	83	4.8

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

325507091333000 - MISSISSIPPI RIVER AT MILE 294

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
JULY 23...	1745	8.0	43	13	17	3.3	146	0	120	48

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)
JULY 23...	16	.3	.01	.77	2.5	.24	.10	237	221	160

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)
JULY 23...	41	405	7.7	29.5	10	65	6.8	88	4.7

07374000 - MISSISSIPPI RIVER AT BATON ROUGE, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
JULY 24...	2300	8.0	43	13	17	3.4	146	0	120	50

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) MG/L)
JULY 24...	17	.3	.01	.70	2.4	.25	.09	231	224	160

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)
JULY 24...	40	403	7.7	29.5	10	70	6.8	88	4.7

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)
MISSISSIPPI RIVER DELTA								
295500091100000 - LAKE VERRET, 4.3 MILES SE OF PIERRE PART,LA. (LAT 29 55 00 LONG 091 10 00)								
MAY , 1975								
07...	.00	.0	.0	0	.00	.0	.00	.0
295605091083400 - LAKE VERRET AT MOUTH OF LITTLE GRAND BAYOU (LAT 29 56 05 LONG 091 08 34)								
MAY , 1975								
07...	.00	.0	.0	4	.00	.8	.00	.0
295610091110000 - LAKE VERRET, 2.4 MILES SE OF PIERRE PART,LA. (LAT 29 56 10 LONG 091 11 00)								
MAY , 1975								
07...	.00	.0	.0	0	.00	.0	.00	.0
295613091082800 - LITTLE GRAND BAYOU AT MOUTH (LAT 29 56 13 LONG 091 08 28)								
MAY , 1975								
07...	.00	.0	.0	10	.00	.6	.00	.0
295622091093500 - LAKE VERRET AT MOUTH OF GRAND BAYOU DIV. CANAL (LAT 29 56 22 LONG 091 09 35)								
MAY , 1975								
07...	.00	.0	.0	2	.00	.6	.00	.0
295632091092700 - GRAND BAYOU DIVERSION NEAR PIERRE PART,LA. (LAT 29 56 32 LONG 091 09 27)								
MAY , 1975								
07...	.00	.0	.0	3	.00	.7	.00	.0
295642091105200 - GRAND BAYOJ AT MOUTH NR PIERRE PART,LA. (LAT 29 56 42 LONG 091 10 52)								
MAY , 1975								
07...	.00	.0	.0	6	.00	1.2	.00	.0
295653091112900 - PIERRE BAY AT MOUTH NR PIERRE PART,LA. (LAT 29 56 53 LONG 091 11 29)								
MAY , 1975								
07...	.00	.0	.0	5	.00	1.3	.00	.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)
				MISSISSIPPI RIVER DELTA--Continued					
295500091100000 - LAKE VERRET, 4.3 MILES SE OF PIERRE PART,LA. (LAT 29 55 00 LONG 091 10 00)									
MAY , 1975 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00
295605091083400 - LAKE VERRET AT MOUTH OF LITTLE GRAND BAYOU (LAT 29 56 05 LONG 091 08 34)									
MAY , 1975 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00
295610091110000 - LAKE VERRET, 2.4 MILES SE OF PIERRE PART,LA. (LAT 29 56 10 LONG 091 11 00)									
MAY , 1975 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00
295613091082800 - LITTLE GRAND BAYOU AT MOUTH (LAT 29 56 13 LONG 091 08 28)									
MAY , 1975 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00
295622091093500 - LAKE VERRET AT MOUTH OF GRAND BAYOU DIV. CANAL (LAT 29 56 22 LONG 091 09 35)									
MAY , 1975 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00
295632091092700 - GRAND BAYOU DIVERSION NEAR PIERRE PART,LA. (LAT 29 56 32 LONG 091 09 27)									
MAY , 1975 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00
295642091105200 - GRAND BAYOU AT MOUTH NR PIERRE PART,LA. (LAT 29 56 42 LONG 091 10 52)									
MAY , 1975 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00
295653091112900 - PIERRE BAY AT MOUTH NR PIERRE PART,LA. (LAT 29 56 53 LONG 091 11 29)									
MAY , 1975 07...	.00	.0	.00	.0	.00	.0	.00	.0	.00

DATE	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	PCB (UG/L)	PCB IN BOTTOM DEPOSITS (UG/KG)	POLYCHLORINATED NAPHTHALENES (UG/L)
MISSISSIPPI RIVER DELTA--Continued								
295500091100000 - LAKE VERRET, 4.3 MILES SE OF PIERRE PART, LA. (LAT 29 55 00 LONG 091 10 00)								
MAY, 1975 07...	.0	.00	.0	0	0	.0	0	.00
295605091083400 - LAKE VERRET AT MOUTH OF LITTLE GRAND BAYOU (LAT 29 56 05 LONG 091 08 34)								
MAY, 1975 07...	.0	.00	.0	0	0	.0	0	.00
295610091110000 - LAKE VERRET, 2.4 MILES SE OF PIERRE PART, LA. (LAT 29 56 10 LONG 091 11 00)								
MAY, 1975 07...	.0	.00	.0	0	0	.0	0	.00
295613091082800 - LITTLE GRAND BAYOU AT MOUTH (LAT 29 56 13 LONG 091 08 28)								
MAY, 1975 07...	.0	.00	.0	0	0	.0	0	.00
295622091093500 - LAKE VERRET AT MOUTH OF GRAND BAYOU DIV. CANAL (LAT 29 56 22 LONG 091 09 35)								
MAY, 1975 07...	.0	.00	.0	0	0	.0	0	.00
295632091092700 - GRAND BAYOU DIVERSION NEAR PIERRE PART, LA. (LAT 29 56 32 LONG 091 09 27)								
MAY, 1975 07...	.0	.00	.0	0	0	.0	0	.00
295642091105200 - GRAND BAYOU AT MOUTH NR PIERRE PART, LA. (LAT 29 56 42 LONG 091 10 52)								
MAY, 1975 07...	.0	.00	.0	0	0	.0	0	.00
295653091112900 - PIERRE BAY AT MOUTH NR PIERRE PART, LA. (LAT 29 56 53 LONG 091 11 29)								
MAY, 1975 07...	.0	.00	.0	0	0	.0	0	.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRATE IN BOT-TOM DE-POSITS (N) (MG/KG)
					MISSISSIPPI RIVER DELTA--Continued							
294301091105700 - LAKE PALOURDE IN SW CORNER (LAT 29 43 01 LONG 091 10 57)												
MAY , 1975 09...	1030	4.4	35	7.9	15	2.7	112	18	24	.2	.00	.00
294331091080400 - MIDDLE OF LAKE PALOURDE (LAT 29 43 31 LONG 091 08 04)												
MAY , 1975 09...	1055	4.6	27	7.7	14	2.5	108	15	22	.2	.00	60
294504091072300 - LAKE PALOJRDE AT MOUTH OF SIMON PASS (LAT 29 45 04 LONG 091 07 23)												
MAY , 1975 09...	1130	--	--	--	--	--	--	--	--	--	--	.00
294508091082900 - LAKE PALOURDE AT MOUTH OF BAYOU MILHOMME (LAT 29 45 08 LONG 091 08 29)												
MAY , 1975 09...	1115	--	--	--	--	--	--	--	--	--	--	.00
294540091092200 - BAYOU MILHOMME 2 MI. BELOW STEPHENVILLE,LA. (LAT 29 45 40 LONG 091 09 22)												
MAY , 1975 09...	1345	--	--	--	--	--	--	--	--	--	--	.00
294641091063200 - MIDDLE OF GRASSY LAKE (LAT 29 46 41 LONG 091 06 32)												
MAY , 1975 09...	1320	4.6	25	6.8	14	2.5	98	12	22	.2	.09	1.0
294643091055000 - GRASSY LAKE AT MOUTH OF BAYOU FELIX (LAT 29 46 43 LONG 091 05 50)												
MAY , 1975 09...	1310	--	--	--	--	--	--	--	--	--	--	.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	HARD-NESS (CA,MG) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
MISSISSIPPI RIVER DELTA--Continued											
294301091105700 - LAKE PALOURDE IN SW CORNER (LAT 29 43 01 LONG 091 10 57)											
MAY , 1975 09...	.88	1400	.07	470	176	26	17	32300	120	303	8.0
294331091080400 - MIDDLE OF LAKE PALOURDE (LAT 29 43 31 LONG 091 08 04)											
MAY , 1975 09...	.97	2500	.08	570	158	22	18	45000	99	288	7.9
294504091072300 - LAKE PALOURDE AT MOUTH OF SIMON PASS (LAT 29 45 04 LONG 091 07 23)											
MAY , 1975 09...	--	4300	--	750	--	--	--	77400	--	--	--
294508091082900 - LAKE PALOURDE AT MOUTH OF BAYOU MILHOMME (LAT 29 45 08 LONG 091 08 29)											
MAY , 1975 09...	--	480	--	380	--	--	--	19200	--	--	--
294540091092200 - BAYOU MILHOMME 2 MI. BELOW STEPHENVILLE,LA. (LAT 29 45 40 LONG 091 09 22)											
MAY , 1975 09...	--	1400	--	660	--	--	--	74300	--	--	--
294641091063200 - MIDDLE OF GRASSY LAKE (LAT 29 46 41 LONG 091 06 32)											
MAY , 1975 09...	.70	3100	.09	570	154	14	12	75400	90	265	7.5
294643091055000 - GRASSY LAKE AT MOUTH OF BAYOU FELIX (LAT 29 46 43 LONG 091 05 50)											
MAY , 1975 09...	--	5300	--	960	--	--	--	75400	--	--	--

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	BIO-CHEM-ICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	TOTAL ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)
				MISSISSIPPI RIVER DELTA--Continued							
294301091105700 - LAKE PALOURDE IN SW CORNER (LAT 29 43 01 LONG 091 10 57)											
MAY , 1975 09...	20	10	7.7	.8	580	250	13	2	2	.1	.0
294331091080400 - MIDDLE OF LAKE PALOURDE (LAT 29 43 31 LONG 091 08 04)											
MAY , 1975 09...	20	8	8.1	1.7	14	0	7.1	2	9	.0	.1
294504091072300 - LAKE PALOJRDE AT MOUTH OF SIMON PASS (LAT 29 45 04 LONG 091 07 23)											
MAY , 1975 09...	--	--	--	--	--	--	--	--	7	--	.1
294508091082900 - LAKE PALOURDE AT MOUTH OF BAYOU MILHOMME (LAT 29 45 08 LONG 091 08 29)											
MAY , 1975 09...	--	--	--	--	--	--	--	--	1	--	.1
294540091092200 - BAYOU MILHOMME 2 MI. BELOW STEPHENVILLE,LA. (LAT 29 45 40 LONG 091 09 22)											
MAY , 1975 09...	--	--	--	--	--	--	--	--	5	--	.1
294641091063200 - MIDDLE OF GRASSY LAKE (LAT 29 46 41 LONG 091 06 32)											
MAY , 1975 09...	30	15	5.4	--	53	23	7.0	2	5	.2	.1
294643091055000 - GRASSY LAKE AT MOUTH OF BAYOU FELIX (LAT 29 46 43 LONG 091 05 50)											
MAY , 1975 09...	--	--	--	--	--	--	--	--	4	--	.1

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRATE IN BOT-TOM DE-POSITS (N) (MG/KG)
						MISSISSIPPI RIVER DELTA--Continued						
294705091060500 - GRASSY LAKE AT MOUTH OF FOURMILE BAYOU (LAT 29 47 05 LONG 091 06 05)												
MAY , 1975 09...	1300	--	--	--	--	--	--	--	--	--	--	.00
295059091053000 - LAKE VERRET AT MOUTH OF CANCIENNE CANAL (LAT 29 50 59 LONG 091 05 30)												
MAY , 1975 09...	1210	--	--	--	--	--	--	--	--	--	--	.00
295106091061300 - CANCIENNE CANAL AT MOUTH NR ATTAKAPAS LANDING (LAT 29 51 06 LONG 091 06 13)												
MAY , 1975 09...	1220	--	--	--	--	--	--	--	--	--	--	.00
295219091092500 - LAKE VERRET, 7 MILES SSE OF PIERRE PART,LA. (LAT 29 52 19 LONG 091 09 25)												
MAY , 1975 09...	1200	3.8	25	6.5	16	2.5	98	12	26	.2	.01	.00
295500091100000 - LAKE VERRET, 4.3 MILES SE OF PIERRE PART,LA. (LAT 29 55 00 LONG 091 10 00)												
MAY , 1975 07...	1330	5.1	23	7.1	15	2.2	102	12	22	.2	.00	.00
295605091083400 - LAKE VERRET AT MOUTH OF LITTLE GRAND BAYOU (LAT 29 56 05 LONG 091 08 34)												
MAY , 1975 07...	1135	--	--	--	--	--	--	--	--	--	--	.00
295610091110000 - LAKE VERRET, 2.4 MILES SE OF PIERRE PART,LA. (LAT 29 56 10 LONG 091 11 00)												
MAY , 1975 07...	1145	--	--	--	--	--	--	--	--	--	--	.50
295613091082800 - LITTLE GRAND BAYOU AT MOUTH (LAT 29 56 13 LONG 091 08 28)												
MAY , 1975 07...	1300	--	--	--	--	--	--	--	--	--	--	.00
295622091093500 - LAKE VERRET AT MOUTH OF GRAND BAYOU DIV. CANAL (LAT 29 56 22 LONG 091 09 35)												
MAY , 1975 07...	1200	--	--	--	--	--	--	--	--	--	--	.00
295632091092700 - GRAND BAYOU DIVERSION NEAR PIERRE PART,LA. (LAT 29 56 32 LONG 091 09 27)												
MAY , 1975 07...	1215	--	--	--	--	--	--	--	--	--	--	1.0
295642091105200 - GRAND BAYOU AT MOUTH NR PIERRE PART,LA. (LAT 29 56 42 LONG 091 10 52)												
MAY , 1975 07...	1120	--	--	--	--	--	--	--	--	--	--	.00
295653091112900 - PIERRE BAY AT MOUTH NR PIERRE PART,LA. (LAT 29 56 53 LONG 091 11 29)												
MAY , 1975 07...	1100	--	--	--	--	--	--	--	--	--	--	.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	HARD-NESS (CA,MG) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)
MISSISSIPPI RIVER DELTA--Continued											
294705091060500 - GRASSY LAKE AT MOUTH OF FOURMILE BAYOU (LAT 29 47 05 LONG 091 06 05)											
MAY , 1975 09...	--	4700	--	690	--	--	--	85300	--	--	--
295059091053000 - LAKE VERRET AT MOUTH OF CANCIENNE CANAL (LAT 29 50 59 LONG 091 05 30)											
MAY , 1975 09...	--	3000	--	980	--	--	--	67300	--	--	--
295106091061300 - CANCIENNE CANAL AT MOUTH NR ATTAKAPAS LANDING (LAT 29 51 06 LONG 091 06 13)											
MAY , 1975 09...	--	2700	--	870	--	--	--	62100	--	--	--
295219091092500 - LAKE VERRET, 7 MILES SSE OF PIERRE PART,LA. (LAT 29 52 19 LONG 091 09 25)											
MAY , 1975 09...	1.3	4500	.08	790	167	17	11	83400	89	280	7.6
295500091100000 - LAKE VERRET, 4.3 MILES SE OF PIERRE PART,LA. (LAT 29 55 00 LONG 091 10 00)											
MAY , 1975 07...	.70	2400	.07	680	158	35	18	57100	87	266	7.6
295605091083400 - LAKE VERRET AT MOUTH OF LITTLE GRAND BAYOU (LAT 29 56 05 LONG 091 08 34)											
MAY , 1975 07...	--	8000	--	890	--	--	--	70600	--	--	--
295610091110000 - LAKE VERRET, 2.4 MILES SE OF PIERRE PART,LA. (LAT 29 56 10 LONG 091 11 00)											
MAY , 1975 07...	--	760	--	1100	--	--	--	82600	--	--	--
295613091082800 - LITTLE GRAND BAYOU AT MOUTH (LAT 29 56 13 LONG 091 08 28)											
MAY , 1975 07...	--	5100	--	1700	--	--	--	104000	--	--	--
295622091093500 - LAKE VERRET AT MOUTH OF GRAND BAYOU DIV. CANAL (LAT 29 56 22 LONG 091 09 35)											
MAY , 1975 07...	--	4500	--	1700	--	--	--	130000	--	--	--
295632091092700 - GRAND BAYOU DIVERSION NEAR PIERRE PART,LA. (LAT 29 56 32 LONG 091 09 27)											
MAY , 1975 07...	--	3100	--	1100	--	--	--	83300	--	--	--
295642091105200 - GRAND BAYOU AT MOUTH NR PIERRE PART,LA. (LAT 29 56 42 LONG 091 10 52)											
MAY , 1975 07...	--	4700	--	1300	--	--	--	104000	--	--	--
295653091112900 - PIERRE BAY AT MOUTH NR PIERRE PART,LA. (LAT 29 56 53 LONG 091 11 29)											
MAY , 1975 07...	--	2600	--	660	--	--	--	25500	--	--	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	TOTAL ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DEPOSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DEPOSITS (UG/G)
MISSISSIPPI RIVER DELTA--Continued											
294705091060500 - GRASSY LAKE AT MOUTH OF FOURMILE BAYOU (LAT 29 47 05 LONG 091 06 05)											
MAY , 1975 09...	--	--	--	--	--	--	--	--	5	--	.1
295059091053000 - LAKE VERRET AT MOUTH OF CANCIENNE CANAL (LAT 29 50 59 LONG 091 05 30)											
MAY , 1975 09...	--	--	--	--	--	--	--	--	6	--	.1
295106091061300 - CANCIENNE CANAL AT MOUTH NR ATTAKAPAS LANDING (LAT 29 51 06 LONG 091 06 13)											
MAY , 1975 09...	--	--	--	--	--	--	--	--	5	--	.1
295219091092500 - LAKE VERRET, 7 MILES SSE OF PIERRE PART,LA. (LAT 29 52 19 LONG 091 09 25)											
MAY , 1975 09...	20	15	7.0	--	7	4	8.7	2	6	.2	.1
295500091100000 - LAKE VERRET, 4.3 MILES SE OF PIERRE PART,LA. (LAT 29 55 00 LONG 091 10 00)											
MAY , 1975 07...	25	6	--	1.2	--	--	8.9	2	7	.3	.1
295605091083400 - LAKE VERRET AT MOUTH OF LITTLE GRAND BAYOU (LAT 29 56 05 LONG 091 08 34)											
MAY , 1975 07...	--	--	--	--	--	--	--	--	5	--	.0
295610091110000 - LAKE VERRET, 2.4 MILES SE OF PIERRE PART,LA. (LAT 29 56 10 LONG 091 11 00)											
MAY , 1975 07...	--	--	--	--	--	--	--	--	8	--	.2
295613091082800 - LITTLE GRAND BAYOU AT MOUTH (LAT 29 56 13 LONG 091 08 28)											
MAY , 1975 07...	--	--	--	--	--	--	--	--	7	--	.1
295622091093500 - LAKE VERRET AT MOUTH OF GRAND BAYOU DIV. CANAL (LAT 29 56 22 LONG 091 09 35)											
MAY , 1975 07...	--	--	--	--	--	--	--	--	7	--	.1
295632091092700 - GRAND BAYOU DIVERSION NEAR PIERRE PART,LA. (LAT 29 56 32 LONG 091 09 27)											
MAY , 1975 07...	--	--	--	--	--	--	--	--	9	--	.1
295642091105200 - GRAND BAYOU AT MOUTH NR PIERRE PART,LA. (LAT 29 56 42 LONG 091 10 52)											
MAY , 1975 07...	--	--	--	--	--	--	--	--	8	--	.1
295653091112900 - PIERRE BAY AT MOUTH NR PIERRE PART,LA. (LAT 29 56 53 LONG 091 11 29)											
MAY , 1975 07...	--	--	--	--	--	--	--	--	2	--	.1

ATCHAFALAYA BASIN, LA.

A series of water-quality data was collected in the Atchafalaya basin to support a biological study conducted by the U.S. Fish and Wildlife Service. Samples were collected 0.5 ft (0.15 m) below surface.

300725091294000 - ATCHAFALAYA RIVER ABOVE MOUTH OF BAYOU SORREL

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
AUG.										
28...	1000	113000	--	--	--	--	--	--	--	--
29...	1145	--	4.1	48	12	33	3.2	130	0	107

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
AUG.										
28...	--	--	--	--	--	--	--	--	--	--
29...	60	38	.2	.42	.01	.00	.50	.93	.13	.07

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
AUG.									
28...	--	--	--	--	--	--	--	--	--
29...	262	263	88	170	53	466	8.0	29.5	5

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL, PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS, SED, SIEVE DIAM, % FINER THAN .062 MM
AUG.									
28...	--	--	--	--	--	--	94	29500	95
29...	30	6.0	78	2.1	<5	7.0	--	--	--

ATCHAFALAYA BASIN, LA.--Continued

295408091271000 - ATCHAFALAYA RIVER NEAR MYETTE POINT

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
AUG. 28...	1600	129000	4.0	43	12	33	3.5	130	0	107

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
AUG. 28...	55	39	.3	.41	.01	.01	.46	.89	.13	.06

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
AUG. 28...	264	254	70	160	53	470	8.1	30.0	10

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COLS PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
AUG. 28...	30	6.8	89	1.7	<5	3.0	111	39100	94

294721091163200 - ATCHAFALAYA RIVER BASIN AMERICAN PASS

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
AUG. 22...	1005	6.6	41	11	28	3.1	163	0	134	40	35

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
AUG. 22...	410	.31	.00	.02	.39	.72	.08	.04	245	36	150

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 22...	14	7.5	30.5	20	20	5.2	69	8.2	6	43	3.4

ATCHAFALAYA BASIN, LA.--Continued

300551091361600 - BAYOU DARBY STATION W2

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT. 03...	1050	6.8	--	36	11	25	6.4	147	0	121
NOV. 07...	1100	6.1	30	35	12	--	--	124	0	102
DEC. 05...	1110	6.1	30	35	8.7	--	--	112	0	92
AUG. 21...	0945	--	--	--	--	--	--	--	--	--

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
OCT. 03...	24	34	.2	.02	.00	.09	.43	.54	.32
NOV. 07...	44	34	--	.45	.04	.03	.37	.89	.13
DEC. 05...	37	35	--	.04	.01	.01	.28	.34	.08
AUG. 21...	--	--	--	--	--	--	--	--	--

DATE	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT. 03...	.13	218	216	--	140	19	376	7.1	21.5
NOV. 07...	.07	242	--	145	140	35	411	7.8	17.0
DEC. 05...	.05	230	--	47	120	31	407	7.3	10.5
AUG. 21...	--	--	--	--	--	--	558	7.2	28.5

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 03...	--	.5	6	19	8.9	3.0	5	92	6.2
NOV. 07...	55	7.3	75	3.1	11	7.4	--	--	7.8
DEC. 05...	30	5.6	53	9.0	--	--	2	50	4.2
AUG. 21...	--	1.2	15	--	--	--	--	--	--

DATE	TIME	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)
OCT. 03...	1050	.00	.0	.00	.00	.00	<.01	.00	.00	.00	.00	.00

DATE	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
OCT. 03...	.00	.00	.00	.00	.00	.0	0	.00	.00	.00	.00

ATCHAFALAYA BASIN, LA.--Continued

294838091165000 - ATCHAFALAYA RIVER BASIN BAYOU FEBRUARY STATION EF

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
DEC. 13...	1450	3.9	10	35	10	99	81	42	59	.01

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
DEC. 13...	.00	.01	.20	.22	.03	.03	250	48	130

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
DEC. 13...	47	390	7.1	11.0	2	5.3	48	13	3.8

301248091354900 - ATCHAFALAYA RIVER BASIN BAYOU L'EMBARRAS

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
AUG. 28...	1200	5030	--	--	--	--	--	--	--	--
29...	1100	--	5.0	37	11	27	3.1	120	0	98

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
AUG. 28...	--	--	--	--	--	--	--	--	--	--
29...	46	32	.2	.29	.01	.00	.53	.83	.11	.06

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
AUG. 28...	--	--	--	--	--	--	62	837	91
29...	25	5.4	70	2.4	10	5.0	--	--	--

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
AUG. 28...	--	--	--	--	--	--	--	--	--
29...	240	220	26	140	39	402	7.9	29.5	20

ATCHAFALAYA BASIN, LA.--Continued

295632091164500 - ATCHAFALAYA RIVER BASIN BAYOU LONG

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
AUG. 21...	1130	8.2	26	7.4	24	4.0	101	0	83	12	38	.4

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
AUG. 21...	.00	.00	.01	.50	.51	.08	.02	168	170	30	95	13

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 21...	330	7.0	29.5	30	10	3.1	40	16	<5	160	3.0

303820091471400 - BAYOU PETITE PRAIRIE (WEST SHORE) STA 2A

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JULY 08...	1345	10	100	24	7.4	106	0	87	7.1	6.4	.01
AUG. 04...	1350	8.4	70	17	6.1	80	0	66	5.3	4.9	.05
SEP. 05...	1242	12	70	26	8.4	119	0	98	5.5	6.9	.00

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
JULY 08...	.01	.33	2.6	2.9	.35	.12	151	16	90	3
AUG. 04...	.01	.17	.65	.88	.29	.24	105	19	68	2
SEP. 05...	.00	.02	1.1	1.1	.16	.04	144	13	100	2

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JULY 08...	220	7.0	28.0	10	11.0	139	17	--	--	19
AUG. 04...	165	7.3	27.0	25	6.4	79	6.4	14	16	9.0
SEP. 05...	229	7.4	29.0	7	5.4	69	7.6	32	2.3	13

ATCHAFALAYA BASIN, LA.--Continued

303818091471200 - BAYOU PETITE PRAIRIE (CENTER) STATION 2B

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JULY											
08...	1420	10	80	19	7.3	97	0	80	5.6	5.3	.02
AUG.											
04...	1325	8.4	110	17	6.0	85	0	62	5.5	4.4	.07
SEP.											
05...	1225	12	80	26	8.4	116	0	95	5.1	7.1	.00

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
JULY										
08...	.01	.12	1.2	1.3	.33	.13	128	22	78	0
AUG.										
04...	.01	.17	.73	.98	.29	.25	100	20	67	5
SEP.										
05...	.00	.00	.94	.94	.15	.06	135	4	100	4

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JULY										
08...	189	7.3	28.5	25	7.8	99	7.8	--	--	9.4
AUG.										
04...	153	7.2	27.0	20	6.2	77	7.6	6.3	.0	9.8
SEP.										
05...	225	7.6	29.0	5	6.1	78	4.7	24	1.8	14

303816091471000 - BAYOU PETITE PRAIRIE (EAST SHORE) STA 2C

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
AUG.											
04...	1215	9.1	100	19	7.0	88	0	72	5.3	4.1	.05
SEP.											
05...	1205	13	80	30	10	136	0	112	5.9	6.5	.01

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
AUG.										
04...	.01	.21	1.1	1.4	.31	.24	96	15	76	4
SEP.										
05...	.01	.43	.87	1.3	.21	.13	148	6	120	5

ATCHAFALAYA BASIN, LA.--Continued

303816091471000 - BAYOU PETITE PRAIRIE (EAST SHORE) STATION 2C--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 04...	178	7.2	27.0	20	4.1	51	8.9	21	2.7	6.2
SEP. 05...	257	7.5	27.0	8	3.7	46	6.9	12	1.5	10

303720091490200 - BAYOU PETITE PRAIRIE (WEST SHORE) STA 3A

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JULY 08...	1245	6.3	200	12	3.4	45	0	37	4.1	4.6	.03
AUG. 04...	1035	5.4	310	6.9	2.8	25	0	21	4.3	2.0	.02
SEP. 05...	1100	8.8	470	13	4.4	55	0	45	3.7	4.0	.01

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA+MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)
JULY 08...	.00	.16	.94	1.1	.22	.14	81	22	44	7
AUG. 04...	.01	.06	.89	.98	.17	.13	48	17	29	8
SEP. 05...	.00	.25	.85	1.1	.29	.21	87	9	51	5

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JULY 08...	95	6.9	26.0	20	3.8	46	9.1	.2	.0	12
AUG. 04...	56	6.7	25.0	20	4.3	51	8.0	2.9	2.0	7.8
SEP. 05...	181	7.1	26.5	6	3.8	47	7.0	3.7	.6	19

303718091490000 - BAYOU PETITE PRAIRIE (CENTER) STA 3B

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
JULY 08...	1225	9.5	100	17	5.7	82	0	67	6.1	5.4	.18
AUG. 04...	1055	6.8	100	10	5.1	50	0	41	4.2	2.9	.09
SEP. 05...	1120	12	70	25	8.7	168	0	97	4.6	7.8	.00

ATCHAFALAYA BASIN, LA.--Continued

303718091490000 - BAYOU PETITE PRAIRIE (CENTER) STA 3B--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
JULY										
08...	.05	.15	.95	1.3	.23	.17	115	76	66	0
AUG.										
04...	.01	.09	.84	1.0	.26	.19	62	35	46	5
SEP.										
05...	.01	.09	1.0	1.1	.26	.14	128	36	98	1

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JULY										
08...	168	7.1	26.5	50	2.8	34	10	7.7	.0	9.4
AUG.										
04...	193	7.0	26.0	40	4.2	51	8.0	6.2	.2	5.8
SEP.										
05...	229	7.5	27.5	20	5.3	66	6.0	11	1.1	12

303900091454900 - ATCHAFALAYA RIVER BASIN, BAYOU PETITE PRAIRIE STA 4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
SEP.											
05...	1342	13	60	35	12	159	0	130	3.0	13	310

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
SEP.										
05...	.00	.01	.15	1.2	1.3	.27	.14	168	15	140

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
SEP.										
05...	6	7.6	31.0	6	11.9	159	6.4	13	1.7	11

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

ATCHAFALAYA BASIN, LA.--Continued

300140091172500 - BAYOU POSTILLION STATION E37

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
AUG. 21...	0950	8.7	31	7.6	15	7.0	108	0	89	10

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)
AUG. 21...	23	351	.03	.00	.03	1.1	1.1	.14	.09	209

DATE	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 21...	31	110	0	7.2	26.5	2.3	28	11	10	3.2

300905091252800 - BAYOU SORREL MID LAKE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
JUNE 14...	0700	--	--	--	--	--	0	--	--	--
JULY 11...	0915	--	--	--	--	--	0	--	--	--
AUG. 19...	0901	8.6	10	44	13	184	0	151	11	20
SEP. 20...	0835	5.1	10	55	18	210	0	172	25	45

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)
JUNE 14...	350	.49	.01	.03	.31	.84	.08	.04	221	18
JULY 11...	290	.13	.01	.03	.47	.64	.09	.08	178	40
AUG. 19...	385	.00	.00	.00	1.2	1.2	.08	.02	214	28
SEP. 20...	526	.00	.00	--	--	--	.11	--	334	57

ATCHAFALAYA BASIN, LA.--Continued

300905091252800 - BAYOU SORREL MID LAKE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JUNE 14...	--	--	7.5	25.5	25	3.6	43	--	4.0
JULY 11...	--	--	6.7	26.0	6	1.3	16	--	8.6
AUG. 19...	160	9	7.5	29.5	7	3.3	43	9.3	7.2
SEP. 20...	210	39	7.6	27.5	50	4.5	56	8.4	12

300903091252600 - BAYOU SORREL SHORE(MAT)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
JUNE 14...	0800	--	--	--	--	--	0	--	--	--
JULY 11...	0916	--	--	--	--	--	0	--	--	--
AUG. 19...	0900	8.4	20	42	12	175	0	144	12	19
SEP. 20...	0830	8.2	10	55	16	210	0	172	24	44

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)
JUNE 14...	350	--	--	--	--	--	--	--	208	87
JULY 11...	293	.14	.01	.03	.58	.76	.12	.07	174	7
AUG. 19...	371	.00	.00	.00	1.2	1.2	.06	.01	209	19
SEP. 20...	523	.00	.00	--	--	--	.20	--	324	72

DATE	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JUNE 14...	--	--	7.4	25.5	45	3.7	45	--	--
JULY 11...	--	--	6.7	26.0	15	1.3	16	--	5.4
AUG. 19...	150	11	7.4	29.5	15	2.2	29	11	12
SEP. 20...	200	28	7.8	27.0	50	1.4	17	5.3	12

ATCHAFALAYA BASIN, LA.--Continued

300920091250600 - ATCHAFALAYA RIVER BASIN BAYOU SORREL OIL FIELD

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
AUG. 20...	1430	9.3	38	11	16	3.4	155	0	127	16	20	.2

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
AUG. 20...	.04	.01	.02	1.2	1.3	.12	.06	194	190	56	140	13

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	355	7.7	30.0	20	40	6.2	82	4.9	9	110	4.2

294635091123500 - BEAR BAYOU STA E4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
OCT. 11...	1325	--	--	--	--	--	134	0	110	--	--	--
MAY 19...	1150	--	--	--	--	--	--	--	--	--	--	--
AUG. 22...	0930	8.2	33	9.3	38	4.6	112	0	92	23	64	.1

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
OCT. 11...	.21	.00	.09	.47	.77	.07	.03	--	--	--	--	--
MAY 19...	--	--	--	--	--	--	--	--	--	--	--	--
AUG. 22...	.00	.00	.04	.43	.47	.08	.02	253	235	24	120	29

ATCHAFALAYA BASIN, LA.--Continued

294635091123500 - BEAR BAYOU STA E4--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 11...	415	7.2	23.0	--	4	3.3	38	14	--	--	6.9
MAY 19...	272	7.1	24.0	--	--	2.8	33	--	--	--	--
AUG. 22...	455	7.2	28.5	20	15	5.0	64	11	<5	30	3.4

303055091430100 - ATCHAFALAYA RIVER BASIN BIG ALABAMA BAYOU STA 1

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)
AUG. 25...	1500	122	0	100	246	.00	.10	.13	.69

DATE	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 25...	.82	.17	.13	7.5	28.0	7.8	99	6.2	13

303005091405500 - ATCHAFALAYA RIVER BASIN BIG ALABAMA BAYOU STA 2

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
AUG. 25...	1410	9.9	10	32	9.0	127	0	104	11	7.4

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)
AUG. 25...	263	.06	.00	.11	.83	1.0	.22	.13	148	30

DATE	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 25...	120	16	7.4	27.0	3.6	44	8.1	17	3.5	8.4

ATCHAFALAYA BASIN, LA.--Continued

302840091382100 - ATCHAFALAYA RIVER BASIN BIG ALABAMA BAYOU STATION 3

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
AUG. 25...	1245	9.7	110	33	9.2	124	0	102	10	7.4

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)
AUG. 25...	267	.01	.01	.00	.87	.89	.24	.09	152

DATE	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 25...	48	120	19	7.1	29.5	2.8	36	16	14

302500091403200 - ATCHAFALAYA RIVER BASIN BIG ALABAMA BAYOU STA 4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
AUG. 25...	1205	11	10	53	13	190	0	156	4.6	10

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)
AUG. 25...	392	.00	.00	.04	.95	.99	.14	.07	196	10

DATE	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 25...	190	30	7.3	30.0	6.0	79	15	28	4.8	9.2

ATCHAFALAYA BASIN, LA.--Continued

302434091403300 - ATCHAFALAYA RIVER BASIN BIG ALABAMA BAYOU STATION 5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
AUG. 25...	1130	11	20	57	14	214	0	176	4.8	10

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)
AUG. 25...	406	.00	.00	.07	.61	.68	.15	.11	216	8

DATE	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 25...	200	24	7.4	29.0	3.2	41	14	19	4.2	10

300005091223500 - BIG BAYOU PIGEON STA E27

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	TOTAL MANGA-NESE IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)
AUG. 20...	1350	9.4	100	470	570	31	9.9	21	4.2	124

DATE	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)
AUG. 20...	0	102	18	30	348	.00	.00	.07	.61

DATE	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)
AUG. 20...	.68	.11	.02	190	185	36	120	18	7.4

DATE	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	32.0	15	25	4.7	64	7.9	<5	31	3.4

ATCHAFALAYA BASIN, LA.--Continued

300005091223500 - BIG BAYOU PIGEON STA E27--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)
AUG. 20...	1350	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	.00

DATE	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)
AUG. 20...	.00	.00	.00	.00	.00	.0	0	.00	.00	.03	.02	3

DATE	TOTAL ARSENIC IN BOTTOM DEPOSITS (UG/G)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DEPOSITS (UG/G)	TOTAL CHROMIUM IN BOTTOM DEPOSITS (UG/G)	DISSOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DEPOSITS (UG/G)	DISSOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DEPOSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DEPOSITS (UG/G)	DISSOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DEPOSITS (UG/G)
AUG. 20...	10	0	<10	60	1	30	0	10	.2	.0	3	80

294901091133800 - ATCHAFALAYA RIVER BASIN BIG FORK BAYOU

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)
OCT. 11...	1655	--	--	--	--	--	--	--	--	--	--	--
AUG. 22...	1225	8.0	39	9.9	98	3.2	111	0	91	23	160	.2

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)
OCT. 11...	--	--	--	--	--	--	--	--	--	--	--	--
AUG. 22...	.16	.01	.14	.44	.75	.08	.03	426	396	26	140	47

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 11...	355	7.0	22.0	--	--	2.5	28	--	--	--	--
AUG. 22...	778	7.2	29.5	30	15	3.2	42	11	<5	200	3.6

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

ATCHAFALAYA BASIN, LA.--Continued

295935091313200 - ATCHAFALAYA RIVER BASIN BUFFALO COVE WB I

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	TOTAL MANGA-NESE IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)
OCT.										
03...	1310	6.2	--	--	--	31	9.5	20	6.0	114
NOV.										
07...	1230	6.2	30	--	--	36	11	--	--	127
DEC.										
05...	1240	7.2	--	--	--	30	8.0	--	--	96
AUG.										
21...	1245	7.2	180	640	680	27	7.8	22	4.0	104

DATE	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)
OCT.										
03...	0	94	30	29	330	.25	.01	.01	.44	.71
NOV.										
07...	0	104	45	32	416	.48	.02	.01	.59	1.1
DEC.										
05...	0	79	35	27	304	.41	.01	.02	.40	.84
AUG.										
21...	0	85	8.7	38	323	.00	.00	.04	.62	.66

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.										
03...	.13	.06	214	188	--	120	26	7.2	22.5	--
NOV.										
07...	.22	.07	240	--	154	140	31	7.8	19.0	--
DEC.										
05...	.14	.08	189	--	142	110	31	7.6	11.5	--
AUG.										
21...	.22	.04	170	167	222	100	15	6.6	32.0	30

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.									
03...	--	3.5	40	12	8.0	3.7	20	1800	5.4
NOV.									
07...	65	7.3	78	3.2	--	--	--	--	--
DEC.									
05...	60	8.5	82	3.9	3.2	3.0	140	220	7.3
AUG.									
21...	30	2.0	27	42	--	--	20	30	4.2

DATE	TIME	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)
OCT.												
03...	1310	.00	.0	.00	.00	.00	.02	<.01	.01	.00	.00	.00
AUG.												
21...	1245	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	.00

ATCHAFALAYA BASIN, LA.--Continued

295935091313200 - ATCHAFALAYA RIVER BASIN BUFFALO COVE WB 1--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)
OCT. 03...	.00	.00	.00	.00	.00	.0	0	.00	--	--	--	--
AUG. 21...	.00	.00	.00	.00	.00	.0	0	.00	.21	.00	.00	3

DATE	TOTAL ARSENIC IN BOTTOM DEPOSITS (UG/G)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DEPOSITS (UG/G)	TOTAL CHROMIUM IN BOTTOM DEPOSITS (UG/G)	DISSOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DEPOSITS (UG/G)	DISSOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DEPOSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DEPOSITS (UG/G)	DISSOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DEPOSITS (UG/G)
OCT. 03...	--	--	--	--	--	--	--	--	--	--	--	--
AUG. 21...	9	0	<10	60	1	30	0	20	.1	.1	1	80

301650091380500 - ATCHAFALAYA RIVER BASIN COW ISLAND LAKE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
AUG. 20...	1245	11	36	9.5	11	2.9	138	0	113	18	14

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)
AUG. 20...	323	.00	.01	.10	1.6	1.7	.41	.04	169	171	130

DATE	NONCARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	16	7.2	35.0	20	7.2	100	14	30	60	13

ATCHAFALAYA BASIN, LA.--Continued

294745091174700 - ATCHAFALAYA RIVER BASIN DUCK LAKE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	TOTAL MANGA-NESE IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)
OCT.										
11...	1425	--	--	--	--	--	--	--	--	115
17...	1155	5.1	30	--	--	33	11	--	--	124
NOV.										
15...	1400	5.5	40	--	--	34	9.9	--	--	113
DEC.										
13...	1330	5.6	10	--	--	30	7.9	--	--	89
MAY										
19...	1300	--	--	--	--	--	--	--	--	--
AUG.										
22...	1115	7.8	10	120	700	33	9.0	24	3.2	124

DATE	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)
OCT.										
11...	0	94	--	--	348	.11	.00	.08	.34	.53
17...	0	102	33	33	372	.07	.00	.08	.35	.50
NOV.										
15...	0	93	35	36	392	.07	.00	.04	.32	.43
DEC.										
13...	0	73	34	27	307	.31	.01	.02	.20	.54
MAY										
19...	0	--	--	--	242	--	--	--	--	--
AUG.										
22...	0	102	24	34	363	.09	.01	.03	.39	.52

DATE	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.										
11...	.12	.06	--	--	--	--	--	6.9	23.0	--
17...	.12	.06	207	--	141	130	26	7.4	19.5	--
NOV.										
15...	.06	.04	215	--	20	130	33	7.5	14.0	--
DEC.										
13...	.08	.04	177	--	93	110	37	7.4	10.5	--
MAY										
19...	--	--	--	--	--	--	--	7.5	25.0	--
AUG.										
22...	.07	.02	200	195	28	120	21	7.7	29.5	20

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.									
11...	8	2.8	32	23	--	--	--	--	6.0
17...	10	3.6	39	7.9	19	30	--	--	6.0
NOV.									
15...	15	6.7	64	5.7	4.7	4.0	--	--	6.6
DEC.									
13...	30	8.4	75	5.7	--	--	--	--	3.9
MAY									
19...	--	5.2	62	--	--	--	--	--	--
AUG.									
22...	15	5.6	73	4.0	--	--	<5	50	2.8

ATCHAFALAYA BASIN, LA.--Continued

294745091174700 - ATCHAFALAYA RIVER BASIN DUCK LAKE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)
AUG. 22...	1115	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	.00

DATE	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)
AUG. 22...	.00	.00	.00	.00	.00	.0	0	.00	.00	.06	.00	2

DATE	TOTAL ARSENIC IN BOTTOM DEPOSITS (UG/G)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DEPOSITS (UG/G)	TOTAL CHROMIUM IN BOTTOM DEPOSITS (UG/G)	DISSOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DEPOSITS (UG/G)	DISSOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DEPOSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DEPOSITS (UG/G)	DISSOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DEPOSITS (UG/G)
AUG. 22...	6	0	<10	40	1	20	0	<10	.1	.1	4	80

294353091114000 - ATCHAFALAYA RIVER BASIN FLAT LAKE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DEPTH (FT)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	TOTAL IRON IN BOTTOM DEPOSITS (UG/G)	DISSOLVED MANGANESE (MN) (UG/L)	TOTAL MANGANESE IN BOTTOM DEPOSITS (UG/G)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)
OCT.											
11...	1315	.5	--	--	--	--	--	--	--	--	--
11...	1325	1.6	--	--	--	--	--	--	--	--	--
11...	1330	5.9	--	--	--	--	--	--	--	--	--
11...	1520	.5	--	--	--	--	--	--	--	--	--
11...	1525	1.6	--	--	--	--	--	--	--	--	--
11...	1530	5.9	--	--	--	--	--	--	--	--	--
11...	1815	5.0	--	--	--	--	--	--	--	--	--
11...	1820	1.6	--	--	--	--	--	--	--	--	--
11...	1825	5.9	--	--	--	--	--	--	--	--	--
11...	2105	.5	--	--	--	--	--	--	--	--	--
11...	2110	1.6	--	--	--	--	--	--	--	--	--
11...	2115	5.9	--	--	--	--	--	--	--	--	--
12...	0020	.5	--	--	--	--	--	--	--	--	--
12...	0025	1.6	--	--	--	--	--	--	--	--	--
12...	0030	5.9	--	--	--	--	--	--	--	--	--
12...	0645	.5	--	--	--	--	--	--	--	--	--
12...	0650	1.6	--	--	--	--	--	--	--	--	--
12...	0655	5.9	--	--	--	--	--	--	--	--	--
17...	1440	--	5.8	50	--	--	--	36	13	--	--
NOV.											
15...	1645	--	5.6	40	--	--	--	34	9.1	--	--
DEC.											
13...	1530	--	5.5	30	--	--	--	32	8.6	--	--
MAR.											
07...	1405	.5	--	--	--	--	--	--	--	--	--
07...	1410	2.6	--	--	--	--	--	--	--	--	--
07...	1415	9.8	--	--	--	--	--	--	--	--	--
07...	1830	.5	--	--	--	--	--	--	--	--	--
07...	1832	2.6	--	--	--	--	--	--	--	--	--
07...	1834	9.8	--	--	--	--	--	--	--	--	--
08...	0040	.5	--	--	--	--	--	--	--	--	--
08...	0042	2.6	--	--	--	--	--	--	--	--	--
08...	0044	9.8	--	--	--	--	--	--	--	--	--
08...	0740	.5	--	--	--	--	--	--	--	--	--
08...	0742	2.6	--	--	--	--	--	--	--	--	--
08...	0744	9.8	--	--	--	--	--	--	--	--	--
MAY											
19...	1135	--	--	--	--	--	--	--	--	--	--
AUG.											
22...	0850	--	5.8	10	15000	20	1200	38	12	31	3.2

ATCHAFALAYA BASIN, LA.--Continued

294353091114000 - ATCHAFALAYA RIVER BASIN FLAT LAKE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)
OCT.											
11...	110	0	90	--	--	--	.21	.01	--	--	.42
11...	111	0	91	--	--	--	.23	.01	--	--	.43
11...	109	0	89	--	--	--	.25	.01	--	--	.43
11...	--	0	--	--	--	--	--	--	--	--	--
11...	--	0	--	--	--	--	--	--	--	--	--
11...	--	0	--	--	--	--	--	--	--	--	--
11...	110	0	90	--	--	--	.23	.01	--	--	.55
11...	111	0	91	--	--	--	.22	.01	--	--	.43
11...	114	0	94	--	--	--	.21	.01	--	--	.45
11...	--	0	--	--	--	--	--	--	--	--	--
11...	--	0	--	--	--	--	--	--	--	--	--
11...	--	0	--	--	--	--	--	--	--	--	--
12...	107	0	88	--	--	--	.26	.01	--	--	.47
12...	108	0	89	--	--	--	.26	.01	--	--	.36
12...	108	0	89	--	--	--	.27	.01	--	--	.44
12...	118	0	97	--	--	--	.17	.00	--	--	.52
12...	117	0	96	--	--	--	.16	.01	--	--	.40
12...	116	0	95	--	--	--	.16	.01	--	--	.41
17...	119	0	98	42	85	--	.21	.00	.08	.40	.48
NOV.											
15...	110	0	90	41	47	--	.36	.00	.03	.60	.63
DEC.											
13...	93	0	76	37	32	--	.26	.01	.04	.37	.41
MAR.											
07...	84	0	69	--	--	--	.37	.01	.02	.26	.28
07...	83	0	68	--	--	--	.25	.01	.00	.30	.30
07...	84	0	69	--	--	--	.36	.01	.02	.34	.36
07...	83	0	68	--	--	--	.40	.01	.01	.33	.34
07...	84	0	69	--	--	--	.23	.01	.01	.39	.40
07...	82	0	67	--	--	--	.37	.01	.02	.32	.34
08...	84	0	69	--	--	--	.39	.01	.01	.32	.33
08...	84	0	69	--	--	--	.40	.01	.04	.28	.32
08...	84	0	69	--	--	--	.39	.01	.01	.34	.35
08...	84	0	69	--	--	--	.24	.01	.01	.35	.36
08...	84	0	69	--	--	--	.41	.02	.03	.34	.37
08...	84	0	69	--	--	--	.34	.01	.03	.70	.73
MAY											
19...	--	--	--	--	--	--	--	--	--	--	--
AUG.											
22...	122	0	100	50	37	.4	.48	.01	.01	.44	.45

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

ATCHAFALAYA BASIN, LA.--Continued

294353091114000 - ATCHAFALAYA RIVER BASIN FLAT LAKE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT.											
11...	.64	.10	--	--	--	--	--	--	350	7.0	23.0
11...	.67	.11	--	--	--	--	--	--	355	7.0	22.5
11...	.69	.14	--	--	--	--	--	--	352	7.0	21.0
11...	--	--	--	--	--	--	--	--	335	7.1	24.5
11...	--	--	--	--	--	--	--	--	335	7.1	24.0
11...	--	--	--	--	--	--	--	--	350	7.0	21.0
11...	.79	.12	--	--	--	--	--	--	345	7.0	23.0
11...	.66	.12	--	--	--	--	--	--	345	7.0	22.0
11...	.67	.14	--	--	--	--	--	--	350	6.9	22.0
11...	--	--	--	--	--	--	--	--	345	7.0	22.5
11...	--	--	--	--	--	--	--	--	345	7.0	22.5
11...	--	--	--	--	--	--	--	--	345	7.0	22.5
12...	.74	.12	--	--	--	--	--	--	345	7.1	22.5
12...	.63	.13	--	--	--	--	--	--	345	7.1	22.5
12...	.72	.12	--	--	--	--	--	--	345	7.1	22.5
12...	.69	.10	--	--	--	--	--	--	355	7.1	22.0
12...	.57	.10	--	--	--	--	--	--	355	7.1	22.0
12...	.58	.10	--	--	--	--	--	--	355	7.1	22.0
17...	.69	.13	.07	302	--	29	140	46	399	7.5	21.0
NOV.											
15...	.99	.14	.06	240	--	212	120	32	421	7.8	15.5
DEC.											
13...	.68	.08	.04	177	--	136	120	44	341	7.3	10.5
MAR.											
07...	.66	.09	.05	--	--	--	--	--	265	7.2	12.5
07...	.56	.08	.03	--	--	--	--	--	260	7.2	12.0
07...	.73	.09	.04	--	--	--	--	--	260	7.2	12.0
07...	.75	.10	.05	--	--	--	--	--	260	7.3	14.5
07...	.64	.07	.04	--	--	--	--	--	260	7.3	14.5
07...	.72	.09	.05	--	--	--	--	--	260	7.3	14.5
08...	.73	.10	.05	--	--	--	--	--	255	7.4	14.0
08...	.73	.09	.03	--	--	--	--	--	255	7.4	13.5
08...	.75	.10	.04	--	--	--	--	--	255	7.4	13.5
08...	.61	.08	.04	--	--	--	--	--	245	7.4	13.0
08...	.80	.10	.05	--	--	--	--	--	245	7.4	13.0
08...	1.1	.11	.04	--	--	--	--	--	240	7.4	13.0
MAY											
19...	--	--	--	--	--	--	--	--	263	7.1	25.0
AUG.											
22...	.94	.09	.05	252	238	34	140	44	448	7.7	30.0

ATCHAFALAYA BASIN, LA.--Continued

294353091114000 - ATCHAFALAYA RIVER BASIN FLAT LAKE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.										
11...	--	--	5.8	67	18	35	53	--	--	8.7
11...	--	--	5.7	65	18	23	28	--	--	9.5
11...	--	--	5.1	57	17	8.2	5.4	--	--	7.6
11...	--	--	6.1	72	--	--	--	--	--	--
11...	--	--	6.1	72	--	--	--	--	--	--
11...	--	--	5.0	56	--	--	--	--	--	--
11...	--	--	5.6	64	18	7.8	5.6	--	--	7.6
11...	--	--	5.6	64	18	.0	.0	--	--	6.6
11...	--	--	4.7	53	23	12	9.3	--	--	10
11...	--	--	5.5	63	--	--	--	--	--	--
11...	--	--	5.5	63	--	--	--	--	--	--
11...	--	--	5.5	63	--	--	--	--	--	--
12...	--	--	6.0	69	14	3.3	1.7	--	--	6.2
12...	--	--	5.9	67	14	6.2	1.4	--	--	7.3
12...	--	--	5.9	67	14	.0	.0	--	--	7.3
12...	--	--	6.4	73	15	.0	.0	--	--	7.2
12...	--	--	6.3	72	15	12	10	--	--	8.3
12...	--	--	6.2	70	15	9.0	7.8	--	--	7.1
17...	--	20	5.0	56	6.0	10	10	--	--	6.6
NOV.										
15...	--	--	8.1	80	2.8	5.8	9.6	--	--	8.0
DEC.										
13...	--	35	7.9	71	7.5	--	--	--	--	4.1
MAR.										
07...	--	30	7.1	66	8.5	1.1	.2	--	--	4.7
07...	--	20	7.1	66	8.4	3.4	2.3	--	--	4.2
07...	--	30	7.0	65	8.5	3.8	.8	--	--	5.2
07...	--	30	6.4	62	6.7	3.1	1.2	--	--	5.9
07...	--	20	6.4	62	6.7	2.3	.3	--	--	4.3
07...	--	30	6.5	63	6.6	3.3	.7	--	--	4.5
08...	--	30	7.2	69	5.4	4.0	3.3	--	--	4.2
08...	--	30	7.2	69	5.4	2.8	1.4	--	--	4.7
08...	--	30	7.2	69	5.4	3.4	1.9	--	--	4.3
08...	--	30	8.0	75	5.4	1.9	1.5	--	--	5.2
08...	--	35	7.8	74	5.4	2.8	.9	--	--	4.7
08...	--	35	7.3	69	5.4	3.2	1.6	--	--	4.8
MAY										
19...	--	--	2.8	33	--	--	--	--	--	--
AUG.										
22...	20	25	5.5	72	3.9	--	--	<5	30	2.6

ATCHAFALAYA BASIN, LA.--Continued

294353091114000 - ATCHAFALAYA RIVER BASIN FLAT LAKE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)
AUG. 22...	0850	.00	.0	.00	.00	.00	.00	.00	.00	.00

DATE	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TRI-THION (UG/L)
AUG. 22...	.00	.00	.00	.00	.00	.00	.00	.0	0	.00

DATE	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
AUG. 22...	.00	.03	.02	7	<10	40	20	<10	.1	420

294405091111500 - ATCHAFALAYA RIVER BASIN FLAT LAKE STA EC 1

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DEPTH (FT)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
OCT.												
11...	1240	.5	104	0	85	.22	.01	--	--	.34	.57	.08
11...	1245	1.6	104	0	85	.23	.01	--	--	.42	.66	.09
11...	1250	4.9	103	0	84	.23	.01	--	--	.41	.65	.09
11...	1500	.5	--	0	--	--	--	--	--	--	--	--
11...	1505	1.6	--	0	--	--	--	--	--	--	--	--
11...	1510	4.9	--	0	--	--	--	--	--	--	--	--
11...	1800	.5	104	0	85	.24	.01	--	--	.40	.65	.09
11...	1805	1.6	103	0	84	.23	.01	--	--	.37	.61	.09
11...	1810	4.9	105	0	86	.23	.01	--	--	.36	.60	.09
11...	2045	.5	--	0	--	--	--	--	--	--	--	--
11...	2050	1.6	--	0	--	--	--	--	--	--	--	--
11...	2055	4.9	--	0	--	--	--	--	--	--	--	--
11...	2355	.5	104	0	85	.22	.01	--	--	.43	.66	.09
12...	0001	1.6	105	0	86	.22	.01	--	--	.35	.58	.09
12...	0005	4.9	104	0	85	.23	.01	--	--	.39	.63	.10
12...	0625	.5	102	0	84	.23	.01	--	--	.40	.64	.08
12...	0630	1.6	104	0	85	.23	.01	--	--	.39	.63	.09
12...	0635	4.9	104	0	85	.29	.01	--	--	.36	.66	.09
MAR.												
07...	1430	.5	83	0	68	.44	.01	.01	.36	.37	.82	.08
07...	1435	3.3	82	0	67	.44	.01	.01	.37	.38	.83	.08
07...	1440	8.2	84	0	69	.44	.01	.00	.27	.27	.72	.08
07...	1810	.5	81	0	66	.45	.01	.04	.41	.45	.91	.08
07...	1815	3.3	83	0	68	.44	.01	.00	.30	.30	.75	.08
07...	1818	8.2	84	0	69	.46	.01	.02	.30	.32	.79	.08
08...	0001	.5	83	0	68	.45	.01	.05	.28	.33	.79	.09
08...	0002	3.3	83	0	68	.44	.01	.03	.38	.41	.86	.09
08...	0004	8.2	84	0	69	.46	.01	.04	.34	.38	.85	.22
08...	0710	.5	83	0	68	.45	.01	.03	.30	.33	.79	.08
08...	0712	3.3	83	0	68	.45	.01	.04	.54	.58	1.0	.09
08...	0714	8.2	83	0	68	.44	.01	.00	.41	.41	.86	.09

294405091111500 - ATCHAFALAYA RIVER BASIN FLAT LAKE STA EC 1--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.											
11...	--	325	7.1	21.5	--	6.2	70	13	9.6	4.9	5.1
11...	--	325	7.0	21.5	--	5.5	62	17	11	17	6.8
11...	--	330	7.0	21.5	--	5.4	60	16	36	61	7.2
11...	--	320	7.1	23.5	--	5.4	63	--	--	--	--
11...	--	322	7.0	23.0	--	5.2	60	--	--	--	--
11...	--	330	7.0	21.0	--	4.8	53	--	--	--	--
11...	--	322	7.0	21.5	--	4.9	55	17	18	28	7.6
11...	--	322	7.0	21.0	--	5.0	56	16	5.7	7.8	7.2
11...	--	322	7.0	21.0	--	4.9	54	17	11	9.7	6.8
11...	--	325	7.1	21.5	--	5.3	60	--	--	--	--
11...	--	325	7.0	21.5	--	5.3	60	--	--	--	--
11...	--	325	7.0	21.0	--	5.1	57	--	--	--	--
11...	--	320	7.0	21.0	--	5.4	60	17	5.2	5.3	5.4
12...	--	320	7.0	21.0	--	5.4	60	17	9.3	13	--
12...	--	320	7.0	21.0	--	5.1	57	17	20	37	5.7
12...	--	325	7.0	21.0	--	5.5	61	16	9.4	16	5.3
12...	--	327	7.0	21.0	--	5.5	61	17	3.5	2.3	5.4
12...	--	327	7.0	21.0	--	5.4	60	17	3.5	2.0	5.9
MAR.											
07...	.04	265	7.4	12.5	20	8.1	76	5.3	1.9	.7	5.4
07...	.04	265	7.4	12.5	20	8.1	76	5.2	2.3	.6	5.0
07...	.04	265	7.4	12.0	20	8.0	74	5.4	3.3	2.1	3.8
07...	.04	262	7.6	14.5	25	7.9	77	3.3	1.9	1.2	5.8
07...	.04	265	7.6	14.0	25	7.8	75	3.3	2.3	1.6	4.7
07...	.05	265	7.5	14.0	25	7.8	75	4.3	2.0	1.8	4.4
08...	.05	265	7.6	14.0	25	8.2	79	3.3	2.4	.7	4.5
08...	.05	265	7.6	14.0	30	8.2	79	3.3	1.4	.0	6.6
08...	.05	265	7.6	14.0	60	8.2	79	3.4	8.3	1.6	7.1
08...	.04	255	7.6	13.0	25	8.9	84	3.3	2.5	3.9	4.9
08...	.05	255	7.6	13.5	30	8.7	83	3.3	2.1	.4	5.7
08...	.04	265	7.6	13.5	25	8.7	83	3.3	3.1	.5	4.2

294455091130000 - ATCHAFALAYA RIVER BASIN FLAT LAKE EC 4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DEPTH (FT)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
OCT.												
11...	1340	.5	110	0	90	.23	.01	--	--	.60	.84	.13
11...	1345	3.6	111	0	91	.22	.01	--	--	.49	.72	.13
11...	1540	.5	--	0	--	--	--	--	--	--	--	--
11...	1545	3.6	--	0	--	--	--	--	--	--	--	--
11...	1830	.5	114	0	94	.21	.01	--	--	.56	.78	.14
11...	1835	3.6	114	0	94	.21	.01	--	--	.46	.68	.14
11...	2120	.5	--	0	--	--	--	--	--	--	--	--
11...	2125	3.6	--	0	--	--	--	--	--	--	--	--
12...	0040	.5	110	0	90	.22	.01	--	--	.45	.68	.12
12...	0045	3.6	112	0	92	.22	.01	--	--	.46	.69	.13
12...	0700	.5	112	0	92	.23	.01	--	--	.46	.70	.11
12...	0705	3.6	112	0	92	.23	.01	--	--	.39	.63	.12
12...	0915	.5	--	0	--	--	--	--	--	--	--	--
MAR.												
07...	1345	.5	85	0	70	.68	.02	.03	.43	.46	1.2	.14
07...	1350	5.7	84	0	69	.69	.02	.06	.38	.44	1.2	.14
07...	1845	.5	84	0	69	.69	.02	.04	.43	.47	1.2	.13
07...	1850	5.7	84	0	69	.69	.02	.05	.29	.34	1.1	.14
08...	0805	.5	85	0	70	.69	.03	.06	.31	.37	1.1	.14
08...	0810	5.7	83	0	68	.71	.03	.05	.43	.48	1.2	.14

ATCHAFALAYA BASIN, LA.--Continued

294455091130000 - ATCHAFALAYA RIVER BASIN FLAT LAKE EC 4--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.											
11...	--	355	7.0	24.5	--	6.1	72	18	27	24	6.4
11...	--	350	6.9	22.0	--	4.9	56	22	39	73	6.9
11...	--	360	7.1	25.0	--	6.5	77	--	--	--	--
11...	--	350	7.0	22.0	--	4.9	56	--	--	--	--
11...	--	352	7.0	22.5	--	5.7	65	18	14	12	7.5
11...	--	355	7.0	22.5	--	5.4	62	18	12	10	8.5
11...	--	342	7.0	22.5	--	5.8	66	--	--	--	--
11...	--	342	7.0	22.5	--	5.6	64	--	--	--	--
12...	--	350	7.0	21.5	--	5.2	58	18	5.1	1.4	8.2
12...	--	350	7.0	21.5	--	5.2	58	18	48	82	7.5
12...	--	340	7.1	21.0	--	5.9	66	14	15	20	6.1
12...	--	340	7.1	21.0	--	5.8	64	14	6.8	2.7	6.6
12...	--	345	7.1	21.0	--	6.1	68	--	--	--	--
MAR.											
07...	.06	265	7.6	11.5	55	9.2	84	3.4	1.4	.0	5.2
07...	.06	265	7.6	11.0	55	9.1	82	3.4	1.5	.8	5.1
07...	.06	265	7.8	12.0	55	8.5	79	2.1	2.6	.7	6.1
07...	.06	265	7.8	11.0	55	8.4	76	2.1	1.4	.4	6.1
08...	.06	250	7.7	11.0	60	9.7	87	2.7	2.4	.4	5.0
08...	.05	250	7.7	11.0	60	9.5	86	2.6	3.6	1.7	5.4

300625091334700 - TOP OF GAYS SWAMP STA 2

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	CAR-BONATE (CO3) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
MAR.									
24...	1205	0	.77	.06	.08	.47	1.4	.13	.07
JUNE									
03...	1310	0	.62	.01	.16	.60	1.4	.10	.06

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	TOTAL ORGANIC CARBON (C) (MG/L)
MAR.									
24...	153	87	258	7.3	12.0	65	9.6	89	5.3
JUNE									
03...	158	48	249	7.4	24.5	40	6.8	80	6.5

300504091335600 - MIDDLE OF GAYS SWAMP STA 3

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	CAR-BONATE (CO3) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
MAR.									
24...	1250	0	.74	.04	.07	.43	1.3	.13	.07
APR.									
21...	1300	0	.91	.01	.01	.39	1.3	.11	.04
JUNE									
03...	1430	0	.46	.01	.03	.42	.92	.11	.06

300504091335600 - MIDDLE OF GAYS SWAMP STA 3--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	TOTAL ORGANIC CARBON (C) (MG/L)
MAR. 24...	160	83	268	7.3	11.5	65	8.4	77	5.4
APR. 21...	149	53	238	7.6	14.0	55	7.6	73	4.0
JUNE 03...	145	44	242	7.2	24.5	35	2.3	27	7.9

300407091324500 - TOP OF GAYS SLOUGH STA 4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	CAR-BONATE (CO3) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
MAR. 24...	1450	0	.79	.04	.04	.36	1.2	.12	.07
APR. 21...	1400	0	.90	.01	.01	.40	1.3	.11	.05

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	TOTAL ORGANIC CARBON (C) (MG/L)
MAR. 24...	160	57	280	7.4	12.0	60	7.2	67	4.9
APR. 21...	152	44	230	7.5	14.0	50	7.0	67	3.4

300259091321300 - BOTTOM OF GAYS SLOUGH STA 5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	CAR-BONATE (CO3) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
MAR. 24...	1515	0	.79	.02	.05	.37	1.2	.10	.06
APR. 21...	1520	0	.84	.01	.01	.38	1.2	.10	.05
JUNE 03...	1500	0	.40	.01	.02	.48	.91	.10	.06

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	TOTAL ORGANIC CARBON (C) (MG/L)
MAR. 24...	163	32	290	7.2	13.0	45	6.6	62	16
APR. 21...	145	33	230	7.4	14.5	45	6.4	62	3.6
JUNE 03...	154	22	241	7.3	23.5	25	1.9	22	6.7

ATCHAFALAYA BASIN, LA.--Continued

295858091262200 - GRAND LAKE AT LITTLE BAYOU PIGEON

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
SEP. 26...	1515	6.7	10	42	12	159	0	130	24	28

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)
SEP. 26...	398	.00	.00	.07	.57	.64	.12	.03	228	50

DATE	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
SEP. 26...	150	24	8.2	23.5	25	7.7	90	1.6	7.6

295353091221900 - GRAND LAKE AT RANGE LINE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
SEP. 27...	0930	6.8	20	39	11	148	0	121	21	26

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)
SEP. 27...	368	.00	.00	.07	.62	.69	.13	.04	216	47

DATE	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
SEP. 27...	140	0	8.3	21.0	20	8.8	98	1.2	6.8

ATCHAFALAYA BASIN, LA.--Continued

300147091280800 - GRAND LAKE AT SOUTH END OF HOG ISLAND

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
AUG. 20...	1140	6.8	--	36	9.8	2.7	132	0	108	24	25
SEP. 26...	1400	5.0	10	40	13	--	146	0	120	38	31

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)
AUG. 20...	351	.00	.00	.00	.39	.39	.06	.01	202	188	8
SEP. 26...	416	.05	.01	.09	.71	.86	.08	.01	234	--	45

DATE	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	130	22	7.9	31.0	10	5	8.5	113	2.7	3.0
SEP. 26...	150	34	7.9	23.5	--	20	7.1	83	2.9	6.0

295203091221300 - GRAND LAKE NORTH OF BLUE POINT

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	TOTAL MANGA-NESE IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)
AUG. 21...	1450	6.8	20	200	200	35	9.6	15	3.7	127
SEP. 27...	0920	6.8	20	--	--	41	12	--	--	148

DATE	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)
AUG. 21...	0	104	21	19	315	.00	.00	.00	.48
SEP. 27...	0	121	21	26	364	.00	.01	.06	.55

ATCHAFALAYA BASIN, LA.--Continued

295203091221300 - GRAND LAKE NORTH OF BLUE POINT--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	PH (UNITS)
AUG. 21...	.48	.09	.02	185	173	19	130	26	8.3
SEP. 27...	.61	.13	.04	222	--	38	150	30	8.3

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 21...	33.0	20	25	9.3	130	1.0	8	11	3.0
SEP. 27...	20.5	--	25	8.4	92	1.2	--	--	6.4

DATE	TIME	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)
AUG. 21...	1450	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	.00

DATE	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)
AUG. 21...	.00	.00	.00	.00	.00	.0	0	.00	.00	.12	.00	2

DATE	TOTAL ARSENIC IN BOTTOM DEPOSITS (UG/G)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DEPOSITS (UG/G)	TOTAL CHROMIUM IN BOTTOM DEPOSITS (UG/G)	DISSOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DEPOSITS (UG/G)	DISSOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DEPOSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DEPOSITS (UG/G)	DISSOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DEPOSITS (UG/G)
AUG. 21...	3	0	<10	20	1	<10	0	<10	.1	.0	0	30

295617091240700 - ATCHAFALAYA R. BASIN GRAND LK NR BAYOU PIGEON

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT. 09...	1200	5.1	60	33	9.9	--	--	111	0	91	33	24
AUG. 20...	1445	8.1	--	34	9.4	15	3.6	132	0	108	20	20
SEP. 26...	1600	6.6	20	41	12	--	--	156	0	128	23	28

ATCHAFALAYA BASIN, LA.--Continued

295617091240700 - ATCHAFALAYA RIVER BASIN GRAND LAKE NEAR BAYOU PIGEON--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)
OCT.												
09...	333	.03	.00	.00	2.2	2.2	.04	.03	--	--	--	120
AUG.												
20...	324	.00	.00	.00	.34	.34	.05	.01	174	175	14	120
SEP.												
26...	387	.00	.00	.08	.68	.76	.12	.03	222	--	38	150

DATE	NONCARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.											
09...	32	7.6	28.5	--	20	11.0	140	4.5	--	--	--
AUG.											
20...	15	8.2	33.0	10	5	9.8	134	1.3	8	<5	3.0
SEP.											
26...	24	8.3	23.5	--	25	8.4	98	1.3	--	--	8.0

295333091271900 - GRAND LAKE NW OF MYETTE POINT

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISCHARGE (CFS)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)
AUG.								
28...	1630	--	116	0	95	.30	.01	.00
29...	1000	10700	--	--	--	--	--	--

DATE	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)
AUG.									
28...	.56	.87	.12	.06	388	7.9	30.0	20	25
29...	--	--	--	--	--	--	--	--	--

DATE	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
AUG.								
28...	5.8	76	2.3	<5	7.4	--	--	--
29...	--	--	--	--	--	111	3200	95

ATCHAFALAYA BASIN, LA.--Continued

301201091410000 - ATCHAFALAYA RIVER BASIN LAKE HENDERSON OUTFLOW

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
AUG. 20...	0920	8.9	15	4.7	5.0	2.7	62	0	51

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
AUG. 20...	4.3	6.3	.2	.00	.01	.03	.61	.65	.26

DATE	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	.11	75	78	6	57	6	136	6.2

303845091451500 - KEITHS LAKE STA 1A (WEST BANK)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
AUG. 04...	1500	8.8	120	22	7.3	105	0	86	4.4	40	.01

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
AUG. 04...	.00	.06	.85	.92	.44	.33	177	25	85	0

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 04...	320	7.2	27.0	10	6.0	74	11	22	1.7	11

ATCHAFALAYA BASIN, LA.--Continued

303842091451200 - KEITHS LAKE (CENTER) STATION 1B

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
JULY											
08...	1545	10	80	21	7.6	111	0	91	4.8	8.8	232
SEP.											
05...	1400	11	50	30	10	140	0	115	3.3	16	285

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
JULY										
08...	.00	.00	.10	1.3	1.4	.18	.08	149	6	84
SEP.										
05...	.00	.00	.04	.79	.83	.26	.18	142	13	120

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JULY										
08...	0	7.3	28.5	5	12.6	160	8.9	--	--	13
SEP.										
05...	1	7.5	31.0	5	11.2	149	7.1	25	4.0	10

300234091325300 - LAKE GRAVENBURG STA 8

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	CAR-BONATE (CO3) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
MAR.									
24...	1615	0	.69	.02	.06	.43	1.2	.09	.07
JUNE									
03...	1600	0	.42	.01	.04	.54	1.0	.08	.04

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	TOTAL ORGANIC CARBON (C) (MG/L)
MAR.									
24...	160	39	278	7.2	14.0	40	6.6	63	4.6
JUNE									
03...	161	22	240	7.3	24.5	25	3.1	37	5.9

ATCHAFALAYA BASIN, LA.--Continued

302030091452000 - ATCHAFALAYA RIVER BASIN LAKE HENDERSON

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
AUG. 19...	1415	9.0	12	4.4	4.0	3.1	55	0	45	3.8	4.5	.2

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
AUG. 19...	.00	.00	.00	.48	.46	.17	.13	65	68	32	48	3

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 19...	119	7.1	31.0	50	10	1.4	19	7.0	60	20	4.6

295230091192000 - LITTLE BAYOU LONG STA E18

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	TOTAL MANGA-NESE IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)
OCT. 11...	1505	--	--	--	--	--	--	--	--	116
MAY 19...	1430	--	--	--	--	--	--	--	--	--
AUG. 21...	1230	8.0	60	250	470	30	9.3	22	4.0	118

DATE	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)
OCT. 11...	0	95	--	--	355	.05	.00	.08	.34
MAY 19...	0	--	--	--	243	--	--	--	--
AUG. 21...	0	97	16	32	317	.01	.00	.06	.43

DATE	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)
OCT. 11...	.47	.12	.06	--	--	--	--	--	6.8
MAY 19...	--	--	--	--	--	--	--	--	7.3
AUG. 21...	.50	.06	.02	188	181	24	110	16	7.1

295230091192000 - LITTLE BAYOU LONG STATION E18--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 11...	21.5	--	6	1.2	13	29	--	--	9.2
MAY 19...	24.5	--	--	3.3	39	--	--	--	--
AUG. 21...	28.5	20	15	2.6	33	15	16	540	2.8

DATE	TIME	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)
AUG. 21...	1230	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	.00

DATE	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)
AUG. 21...	.00	.00	.00	.00	.00	.0	0	.00	.05	.00	.00	2

DATE	TOTAL ARSENIC IN BOTTOM DEPOSITS (UG/G)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DEPOSITS (UG/G)	TOTAL CHROMIUM IN BOTTOM DEPOSITS (UG/G)	DISSOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DEPOSITS (UG/G)	DISSOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DEPOSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DEPOSITS (UG/G)	DISSOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DEPOSITS (UG/G)
AUG. 21...	4	3	<10	30	7	10	0	<10	.1	.1	30	40

295940091241500 - LITTLE BAYOU PIGEON STA E33

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)
AUG. 20...	1245	8.0	26	7.4	16	6.5	106	0	87	6.8	29	.2

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)
AUG. 20...	.00	.00	.01	1.2	1.2	.07	.03	147	152	12	95	8

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	291	7.2	30.0	20	10	6.0	79	11	6	98	9.4

ATCHAFALAYA BASIN, LA.--Continued

294810091145200 - ATCHAFALAYA RIVER BASIN LITTLE BAYOU SORRELL

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT.										
11...	1615	--	--	--	--	--	--	--	--	--
17...	1245	7.6	50	30	11	--	--	141	0	116
MAY										
19...	1215	--	--	--	--	--	--	--	--	--
AUG.										
22...	1220	8.2	--	38	11	110	4.5	110	0	90

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
OCT.										
11...	--	--	--	--	--	--	--	--	--	--
17...	24	50	--	.07	.00	.08	.48	.63	.13	.08
MAY										
19...	--	--	--	--	--	--	--	--	--	--
AUG.										
22...	24	180	.1	.15	.00	.13	.43	.71	.08	.02

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.									
11...	--	--	--	--	--	365	7.0	22.0	--
17...	262	--	18	130	15	435	7.2	--	--
MAY									
19...	--	--	--	--	--	282	7.1	24.0	--
AUG.									
22...	469	430	26	140	50	840	7.3	29.0	30

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.									
11...	--	3.0	34	--	--	--	--	--	--
17...	--	--	--	14	4.8	1.4	--	--	8.8
MAY									
19...	--	2.0	24	--	--	--	--	--	--
AUG.									
22...	15	2.6	33	8.8	--	--	<5	150	3.0

ATCHAFALAYA BASIN, LA.--Continued

300450091354000 - LITTLE GONSOULIN BAYOU STATION WI

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT.										
03...	1135	6.0	--	30	7.0	20	2.7	96	0	79
NOV.										
07...	1025	5.9	30	34	10	--	--	124	0	102
DEC.										
05...	1140	7.1	30	29	7.6	--	--	93	0	76
MAR.										
24...	1156	--	--	--	--	--	--	--	--	--
APR.										
21...	1230	--	--	--	--	--	--	--	0	--
JUNE										
03...	1205	--	--	--	--	--	--	--	0	--
AUG.										
29...	1115	4.2	--	43	12	34	3.2	132	0	108

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
OCT.										
03...	32	26	.2	.49	.01	.01	.71	1.2	.28	.06
NOV.										
07...	43	35	--	.45	.03	.04	1.1	1.6	.51	.06
DEC.										
05...	35	26	--	.50	.03	.04	.76	1.3	.31	.10
MAR.										
24...	--	--	--	.72	.05	.06	.49	1.3	.15	.07
APR.										
21...	--	--	--	.88	.01	.01	.37	1.3	.11	.05
JUNE										
03...	--	--	--	.74	.01	.01	.62	1.4	.16	.06
AUG.										
29...	54	41	.3	.37	.01	.00	.57	.95	.12	.06

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT.									
03...	163	171	--	100	21	304	7.5	21.5	--
NOV.									
07...	246	--	--	130	24	412	7.8	18.0	--
DEC.									
05...	181	--	523	100	27	321	8.2	10.5	--
MAR.									
24...	159	--	151	--	--	--	7.6	11.5	--
APR.									
21...	151	--	57	--	--	238	7.6	14.5	--
JUNE									
03...	166	--	132	--	--	252	7.7	24.5	--
AUG.									
29...	270	257	52	160	52	472	7.9	29.5	20

ATCHAFALAYA BASIN, LA.--Continued

300450091354000 - LITTLE GONSOULIN BAYOU STATION W1--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 03...	--	6.5	73	4.9	--	--	300	24	7.6
NOV. 07...	--	7.0	74	3.1	8.8	2.1	--	--	12
DEC. 05...	80	9.5	90	.9	--	--	340	190	8.7
MAR. 24...	70	8.3	76	--	--	--	--	--	5.7
APR. 21...	55	7.6	74	--	--	--	--	--	3.8
JUNE 03...	65	7.2	85	--	--	--	--	--	10
AUG. 29...	30	6.2	81	2.7	--	--	10	--	6.0

DATE	TIME	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)
OCT. 03...	1135	.00	.0	.00	.00	.00	<.01	.00	.01	.00	.00	.00

DATE	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
OCT. 03...	.00	.00	.00	.00	.00	.0	0	.00	.00	.01	.00

295510092192000 - MIDDLE FORK STA E19

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)
OCT. 11...	1520	--	--	--	--	--	132	0	108	--	--	--
AUG. 21...	1200	8.5	28	7.9	24	3.5	108	0	89	13	37	.2

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)
OCT. 11...	.01	.00	.11	.46	.58	.13	.07	--	--	--	--	--
AUG. 21...	.00	.00	.03	1.1	1.1	.06	.01	174	175	28	100	14

295510091192000 - MIDDLE FORK STATION E19--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 11...	382	6.8	21.5	--	3	.5	3	33	--	--	6.3
AUG. 21...	337	6.8	29.5	15	10	3.0	39	27	<5	110	6.0

300557091232800 - ATCHAFALAYA RIVER BASIN MURPHY LAKE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)
AUG. 20...	1040	7.5	35	9.8	13	1.7	144	0	118	12	15	.2

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)
AUG. 20...	.00	.00	.03	.43	.46	.08	.03	169	165	24	130	10

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	315	7.4	30.5	10	15	4.3	57	9.2	<5	61	3.0

295730091173000 - OLD RIVER STA E36

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	TOTAL MANGANESE IN BOTTOM DEPOSITS (UG/G)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)
OCT. 09...	0945	5.3	90	--	--	34	8.5	--	--	106
AUG. 21...	1045	9.1	40	360	820	30	8.8	24	4.8	119

DATE	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)
OCT. 09...	0	87	20	26	348	.07	.00	.00	.30
AUG. 21...	0	98	16	36	354	.01	.00	.05	.33

ATCHAFALAYA BASIN, LA.--Continued

295730091173000 - OLD RIVER STATION E36--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	PH (UNITS)
OCT. 09...	.62	.08	.07	--	--	--	120	33	6.8
AUG. 21...	.39	.07	.03	198	188	22	110	12	6.9

DATE	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 09...	20.0	--	10	1.7	18	27	--	--	--
AUG. 21...	28.5	15	15	2.5	32	24	10	150	2.8

DATE	TIME	ALDRIN (UG/L)	CHLORDANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DIAZINON (UG/L)	DIELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTACHLOR (UG/L)	HEPTACHLOR EPOXIDE (UG/L)
AUG. 21...	1045	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	.00

DATE	LINDANE (UG/L)	MALATHION (UG/L)	METHYL PARATHION (UG/L)	METHYL TRITHION (UG/L)	PARATHION (UG/L)	PCB (UG/L)	TOXAPHENE (UG/L)	TRITHION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)	DISSOLVED ARSENIC (AS) (UG/L)
AUG. 21...	.00	.00	.00	.00	.00	.0	0	.00	.00	.10	.00	2

DATE	TOTAL ARSENIC IN BOTTOM DEPOSITS (UG/G)	DISSOLVED CADMIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DEPOSITS (UG/G)	TOTAL CHROMIUM IN BOTTOM DEPOSITS (UG/G)	DISSOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DEPOSITS (UG/G)	DISSOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DEPOSITS (UG/G)	TOTAL MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DEPOSITS (UG/G)	DISSOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DEPOSITS (UG/G)
AUG. 21...	10	1	<10	60	2	20	0	<10	.1	.1	30	80

300155091320000 - SI BON CANAL NR N ARM GRAND LK STA W5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)
AUG. 21...	1125	6.9	38	9.9	14	3.0	155	0	127	15	18	.2

ATCHAFALAYA BASIN, LA.--Continued

300455091320000 - SI BON CANAL NEAR NORTH ARM GRAND LAKE STATION WS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
AUG. 21...	.00	.00	.04	1.2	1.2	.09	.03	208	181	46	140	13

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 21...	345	7.7	29.5	10	20	4.6	60	4.9	8	120	5.4

294735091151500 - ATCHAFALAYA RIVER BASIN STA EG

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT. 17...	1340	6.8	30	33	12	135	0	111	25	42	407
NOV. 15...	1610	5.9	30	34	9.6	113	0	93	37	45	403

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT. 17...	.03	.00	.03	.38	.44	.09	.04	242	6	130
NOV. 15...	.14	.00	.02	.28	.44	.07	.02	231	81	120

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 17...	21	7.5	19.5	7	2.7	29	6.8	5.9	5.7	7.4
NOV. 15...	32	7.5	14.5	40	5.6	54	5.7	5.8	6.8	6.2

ATCHAFALAYA BASIN, LA.--Continued

300018091313300 - ATCHAFALAYA RIVER BASIN STATION WA I

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT. 03...	1250	6.4	--	35	11	26	11	150	0	123
DEC. 05...	1220	6.6	70	32	8.0	--	--	102	0	84
MAR. 24...	1550	--	--	--	--	--	--	--	0	--
APR. 21...	1700	--	--	--	--	--	--	--	0	--
JUNE 03...	1620	--	--	--	--	--	--	--	0	--

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
OCT. 03...	28	36	.1	.00	.01	.14	.43	.58	.08
DEC. 05...	35	26	--	.19	.00	.06	.27	.52	.08
MAR. 24...	--	--	--	.66	.01	.03	.48	1.2	.09
APR. 21...	--	--	--	.89	.01	.01	.43	1.3	.10
JUNE 03...	--	--	--	.36	.01	.03	.46	.86	.08

DATE	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT. 03...	.05	238	227	--	130	7	403	7.0	22.0
DEC. 05...	.05	207	--	42	110	29	355	7.1	10.5
MAR. 24...	.06	157	--	47	--	--	278	7.1	14.5
APR. 21...	.05	143	--	39	--	--	235	7.5	14.0
JUNE 03...	.05	154	--	24	--	--	240	7.4	25.0

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 03...	--	.0	0	24	10	7.7	0	7200	6.8
DEC. 05...	55	5.4	48	13	--	--	7	1200	5.6
MAR. 24...	40	5.9	57	--	--	--	--	--	7.7
APR. 21...	45	6.8	65	--	--	--	--	--	4.6
JUNE 03...	30	2.9	35	--	--	--	--	--	11

ATCHAFALAYA BASIN, LA.--Continued

295853091300000 - ATCHAFALAYA RIVER BASIN STATION WD

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT. 03...	1330	6.5	--	37	11	26	10	156	0	128
NOV. 07...	1330	6.1	30	34	10	--	--	130	0	107
DEC. 05...	1305	7.1	30	29	8.1	--	--	97	0	80
AUG. 21...	1345	9.0	--	30	8.4	27	7.2	120	0	98

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)
OCT. 03...	24	38	.2	.00	.00	.14	.46	.60	.13	.06
NOV. 07...	45	30	--	.48	.02	.02	.42	.94	.13	.07
DEC. 05...	34	27	--	.40	.01	.04	.32	.77	.12	.06
AUG. 21...	11	48	.2	.00	.00	.01	1.2	1.2	.10	.02

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)
OCT. 03...	228	230	--	140	52	405	7.0	23.0	--
NOV. 07...	246	--	62	130	49	413	8.0	19.0	--
DEC. 05...	194	--	96	110	26	320	7.4	11.0	--
AUG. 21...	199	200	40	110	21	393	7.1	31.0	15

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 03...	--	.9	10	25	.0	.0	15	1600	6.7
NOV. 07...	45	7.6	81	2.1	8.7	2.2	--	--	5.8
DEC. 05...	55	7.6	68	6.2	--	--	47	330	5.6
AUG. 21...	20	5.0	67	15	--	--	<5	82	4.2

DATE	TIME	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)
OCT. 03...	1330	.00	.0	.00	.00	.00	<.01	.00	.00	.00	.00	.00

DATE	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
OCT. 03...	.00	.00	.00	.00	.00	.0	0	.00	.03	.01	.00

ATCHAFALAYA BASIN, LA.--Continued

295656091301700 - ATCHAFALAYA RIVER BASIN STATION WF

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT. 03...	1350	6.2	--	31	7.1	20	3.0	96	0	79
NOV. 07...	1415	6.2	30	35	10	--	--	126	0	103
DEC. 05...	1325	6.4	40	29	7.3	--	--	93	0	76

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
OCT. 03...	31	26	.2	.44	.01	.00	.58	1.0	.19
NOV. 07...	46	33	--	.48	.02	.07	.45	1.0	.16
DEC. 05...	42	42	--	.49	.02	.03	.43	.97	.22

DATE	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT. 03...	.05	172	172	--	110	31	302	7.5	22.0
NOV. 07...	.06	238	--	121	130	25	412	7.8	19.0
DEC. 05...	.10	181	--	253	100	26	305	7.8	11.0

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 03...	--	6.5	72	4.9	5.2	3.8	150	110	7.2
NOV. 07...	--	7.4	79	3.2	6.3	2.5	--	--	--
DEC. 05...	75	8.8	79	2.4	--	--	190	140	7.4

DATE	TIME	ALDRIN (UG/L)	CHLOR-DANE (UG/L)	DDD (UG/L)	DDE (UG/L)	DDT (UG/L)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)	ENDRIN (UG/L)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR EPOXIDE (UG/L)
OCT. 03...	1350	.00	.0	.00	.00	.00	<.01	.00	.01	.00	.00	.00

DATE	LINDANE (UG/L)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	TOX-APHENE (UG/L)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
OCT. 03...	.00	.00	.00	.00	.00	.0	0	.00	.05	.01	.00

ATCHAFALAYA BASIN, LA.--Continued

295740091310800 - ATCHAFALAYA RIVER BASIN STATION WG

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)
OCT.										
03...	1410	6.0	--	28	7.9	19	3.0	98	0	80
NOV.										
07...	1440	6.2	30	36	11	--	--	127	0	104
DEC.										
05...	1335	6.4	40	29	8.(	--	--	93	0	76

DATE	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
OCT.									
03...	31	26	.1	.45	.00	.00	.59	1.0	.22
NOV.									
07...	45	32	--	.49	.01	.01	.48	.99	.20
DEC.									
05...	25	36	--	.48	.02	.03	.34	.87	.28

DATE	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)
OCT.									
03...	.05	180	169	--	100	20	302	7.1	22.0
NOV.									
07...	.07	239	--	211	140	31	413	7.8	19.0
DEC.									
05...	.08	180	--	473	110	29	298	7.8	10.5

DATE	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.									
03...	--	6.3	72	12	16	3.4	180	120	7.5
NOV.									
07...	65	7.4	79	3.2	7.9	1.9	--	--	7.0
DEC.									
05...	75	9.0	94	2.4	--	--	270	150	6.8

301500091273000 - ATCHAFALAYA RIVER BASIN UPPER FLAT LAKE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
AUG.												
20...	1145	7.9	29	8.2	15	7.6	119	0	98	6.3	28	.2

ATCHAFALAYA BASIN, LA.--Continued

301500091273000 - ATCHAFALAYA RIVER BASIN UPPER FLAT LAKE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
AUG. 20...	.00	.00	.01	.56	.57	.11	.01	158	161	24	110	9

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	310	6.8	27.0	30	5	3.0	37	30	<5	65	3.0

301347091262900 - ATCHAFALAYA RIVER BASIN UPPER GRAND RIVER

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
AUG. 20...	1000	9.4	30	8.9	14	4.0	118	0	97	17	18	299

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
AUG. 20...	.14	.00	.02	.52	.68	.15	.10	175	160	14	110

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 20...	15	7.3	28.5	30	20	5.0	64	9.5	<5	170	4.2

295057091202300 - ATCHAFALAYA RIVER BASIN WILLOW COVE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
OCT. 11...	1445	--	--	--	--	--	--	--	--	--	--	--
MAY 19...	1350	--	--	--	--	--	--	--	--	--	--	--
AUG. 21...	1350	5.5	62	11	31	3.2	124	0	102	52	36	.3

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

ATCHAFALAYA BASIN, LA.--Continued

295057091202300 - ATCHAFALAYA RIVER BASIN WILLOW COVE--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
OCT. 11...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 19...	--	--	--	--	--	--	--	--	--	--	--	--
AUG. 21...	.41	.01	.01	.46	.89	.13	.06	252	242	98	150	48

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 11...	358	7.8	22.0	--	--	7.4	84	--	--	--	--
MAY 19...	240	7.7	25.0	--	--	6.1	73	--	--	--	--
AUG. 21...	450	7.8	31.5	15	40	7.0	94	3.1	9	34	3.0

295005091142000 - 16 INCH PIPE LINE CANAL STA E7

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
OCT. 11...	1640	--	--	--	--	--	120	0	98	--	--	--
AUG. 22...	1240	8.2	30	8.8	30	4.1	112	0	92	22	46	.3

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
OCT. 11...	.09	.00	.08	.36	.53	.12	.07	--	--	--	--	--
AUG. 22...	.11	.01	.08	.38	.58	.08	.03	203	205	28	110	19

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)	STREP-TOCOCCI (COL-ONIES PER 100 ML)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 11...	365	7.0	22.0	--	6	1.8	21	19	--	--	12
AUG. 22...	401	7.3	29.0	30	15	2.1	27	9.0	<5	470	3.4

ATCHAFALAYA BASIN, LA.--Continued

305715091503400 - YELLOW BAYOU AT COTTONPORT STATION YB3

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
JULY 29...	1330	11	120	28	8.8	136	0	112	2.7	5.1	246

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
JULY 29...	.00	.01	.06	1.4	1.5	.48	.08	140	241	110

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JULY 29...	0	7.0	25.0	110	.2	2	22	7.3	5.0	9.2

305945091502800 - YELLOW BAYOU AT PARK STA YB1

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
JULY 29...	1300	9.8	40	25	7.7	116	0	95	2.1	2.6	199

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
JULY 29...	.00	.01	.03	.69	.73	.16	.05	127	38	94

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JULY 29...	0	7.5	30.0	20	6.1	80	5.9	17	4.1	6.0

ATCHAFALAYA BASIN, LA.--Continued

305835091510000 - YELLOW BAYOU STATION YB2

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
AUG. 05...	1130	7.5	60	17	5.7	75	0	62	2.2	1.8
SEP. 11...	1200	3.6	50	37	11	154	0	126	3.2	5.7

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)
AUG. 05...	138	.05	.01	.22	1.3	1.6	.24	.11	75	67
SEP. 11...	260	.00	.01	.08	--	--	.21	.08	156	153

DATE	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 05...	66	4	6.8	25.5	45	--	--	19	6.6
SEP. 11...	140	11	6.9	27.5	35	3.8	48	31	17

305533091493600 - YELLOW BAYOU STATION YB5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
JULY 29...	1430	11	90	27	8.3	124	0	102	2.7	3.3	217
AUG. 05...	1250	7.5	80	17	6.2	80	0	66	4.1	2.5	150
SEP. 11...	1300	13	260	34	11	162	0	133	2.5	3.4	280

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
JULY 29...	.03	.00	.09	.58	.70	.30	.16	140	56	100
AUG. 05...	.03	.01	.08	.87	.99	.20	.14	83	26	68
SEP. 11...	.03	.01	.19	.91	1.1	.32	.20	144	71	130

ATCHAFALAYA BASIN, LA.--Continued

305533091493600 - YELLOW BAYOU STATION YB5--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
JULY 29...	0	7.5	27.5	20	3.7	46	6.3	7.2	7.4	6.4
AUG. 05...	2	6.8	24.5	30	--	--	20	--	--	13
SEP. 11...	0	7.6	25.0	30	2.4	29	6.5	--	--	8.4

292500091314000 - ATCHAFALAYA BAY STATION LBB D

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
OCT. 31...	1030	2.8	60	180	350	130	0	107	1000	7500	21700
NOV. 27...	1045	6.6	30	32	9.3	97	0	80	38	39	378
JAN. 14...	1010	6.5	250	28	7.1	86	0	71	31	18	274
FEB. 05...	1120	6.5	40	28	8.3	86	0	71	29	19	269
MAR. 25...	1615	4.8	70	26	8.0	92	0	75	30	27	301
APR. 16...	1515	5.5	20	27	7.4	87	0	71	30	17	250
MAY 13...	1400	5.7	0	27	7.5	90	0	74	25	18	268
JUNE 27...	0940	5.7	20	27	9.0	92	0	75	34	40	334
JULY 24...	1030	6.3	10	28	10	103	0	84	32	43	387
AUG. 21...	1100	5.9	20	38	13	122	0	100	51	59	502
SEP. 17...	1215	1.4	40	120	240	128	0	105	490	3600	11200

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)
OCT. 31...	.17	.01	.08	.32	.58	.08	.05	14000	0	1900
NOV. 27...	.49	.00	.18	.46	1.1	.21	.11	217	264	120
JAN. 14...	.66	.02	.09	.70	1.5	.16	.05	176	132	99
FEB. 05...	.85	.03	.06	.37	1.3	.12	.07	179	71	100
MAR. 25...	.56	.03	.04	.61	1.2	.12	.06	178	105	98
APR. 16...	.81	.00	.00	.35	1.2	.06	.03	174	91	98
MAY 13...	.73	.00	.00	.41	1.1	.38	.06	157	155	98
JUNE 27...	.58	.01	.01	.40	1.0	.12	.05	195	103	100
JULY 24...	.93	.06	.04	.71	1.7	.16	.13	218	107	110
AUG. 21...	.34	.00	.04	1.3	1.6	.08	.02	284	21	150
SEP. 17...	.10	.01	.01	.34	.46	.06	.04	7020	20	1300

ATCHAFALAYA BASIN, LA.--Continued

292500091314000 - ATCHAFALAYA BAY STATION LBB D--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 31...	1800	7.7	22.0	15	8.4	95	4.2	40	71	4.8
NOV. 27...	39	7.6	13.0	140	9.6	91	3.9	--	--	8.0
JAN. 14...	28	7.4	8.0	60	11.4	96	5.5	2.6	.4	4.7
FEB. 05...	29	7.5	12.5	45	9.2	86	4.4	.0	.0	4.6
MAR. 25...	22	7.6	18.0	55	7.9	83	3.7	3.9	.4	4.7
APR. 16...	27	7.6	16.0	55	8.1	81	3.5	--	--	3.4
MAY 13...	24	7.6	25.0	70	6.0	71	3.6	--	--	8.2
JUNE 27...	29	7.6	27.5	55	6.3	79	3.7	--	--	7.4
JULY 24...	26	7.6	29.0	60	7.2	92	4.1	.0	.0	4.6
AUG. 21...	50	8.1	31.0	30	--	--	1.6	9.8	1.6	3.4
SEP. 17...	1200	8.3	26.0	7	8.9	109	1.0	6.2	.6	4.6

292635091313000 - ATCHAFALAYA BAY STATION LBH E

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
AUG. 21...	1225	5.9	10	38	11	121	0	99	50	39

DATE	SPECIFIC CONDUCTANCE (MICROMHOS)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)
AUG. 21...	449	.36	.00	.03	1.2	1.6	.08	.04	246	13

DATE	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 21...	140	41	8.1	31.0	30	1.5	12	.2	4.2

ATCHAFALAYA BASIN, LA.--Continued

292820091312500 - ATCHAFALAYA BAY STATION LBB F

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT.											
31...	1130	4.2	0	45	27	127	0	104	75	280	1460
NOV.											
27...	1215	6.7	30	33	11	97	0	80	39	55	352
JAN.											
14...	1105	6.6	190	28	7.9	86	0	71	31	18	267
FEB.											
05...	1030	6.5	60	28	8.1	83	0	68	29	17	268
MAR.											
25...	1640	5.2	50	25	7.7	86	0	71	31	27	289
APR.											
16...	1610	5.6	30	27	7.6	86	0	71	30	14	240
MAY											
13...	1535	5.5	10	27	7.1	89	0	73	25	15	259
JUNE											
27...	1040	5.5	20	27	8.3	91	0	75	34	40	333
JULY											
24...	1150	6.4	0	27	8.1	108	0	89	29	19	307
AUG.											
21...	1300	5.9	20	38	12	123	0	101	50	38	448
SEP.											
17...	1340	2.8	0	43	31	135	0	111	93	260	1380

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
31...	.34	.01	.00	.55	.90	.10	.04	870	39	220
NOV.										
27...	.50	.01	.08	.53	1.1	.18	.12	247	56	130
JAN.										
14...	.67	.02	.09	.60	1.4	.13	.05	165	84	100
FEB.										
05...	.87	.03	.05	.44	1.4	.12	.06	166	69	100
MAR.										
25...	.70	.05	.04	.52	1.3	.13	.06	154	116	94
APR.										
16...	.92	.00	.00	.42	1.3	.07	.04	162	119	99
MAY										
13...	.75	.00	.00	.64	1.4	.15	.06	151	72	97
JUNE										
27...	.57	.01	.01	.61	1.2	.12	.05	206	104	100
JULY										
24...	.92	.06	.03	.61	1.6	.17	.08	177	91	100
AUG.										
21...	.43	.00	.01	1.2	1.6	.09	.04	257	19	140
SEP.										
17...	.34	.01	.02	.44	.81	.08	.06	810	38	240

ATCHAFALAYA BASIN, LA.--Continued

292820091312500 - ATCHAFALAYA BAY STATION LBB F--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 31...	120	7.7	22.0	30	8.5	97	4.1	15	2.0	7.7
NOV. 27...	48	7.5	13.0	110	9.5	90	4.9	--	--	6.6
JAN. 14...	29	7.7	8.0	55	10.4	87	2.7	3.6	1.2	4.9
FEB. 05...	32	7.4	11.5	40	9.2	84	5.3	.0	.0	4.0
MAR. 25...	23	7.5	17.0	65	8.2	85	4.4	4.7	.2	4.7
APR. 16...	28	7.8	14.5	50	8.2	80	2.2	--	--	3.3
MAY 13...	24	7.4	24.5	60	6.1	72	5.7	--	--	13
JUNE 27...	27	7.6	27.0	45	6.0	74	3.7	--	--	9.8
JULY 24...	12	7.6	30.0	55	7.1	93	4.3	9.0	2.0	3.0
AUG. 21...	39	8.2	31.0	30	--	--	1.2	9.7	1.2	5.2
SEP. 17...	120	8.3	25.5	20	8.8	108	1.1	9.9	3.8	7.8

293000091312000 - ATCHAFALAYA BAY STATION LBB G

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
AUG. 21...	1325	6.0	10	42	12	116	0	95	50	37

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)
AUG. 21...	.44	.00	.04	1.2	1.6	.08	.04	254	13	150

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 21...	55	443	7.8	31.0	25	2.9	16	2.3	2.8

ATCHAFALAYA BASIN, LA.--Continued

293220091280000 - ATCHAFALAYA BAY STATION LBB H

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT.											
31...	1300	4.4	0	40	10	131	0	107	53	32	623
NOV.											
27...	1305	6.5	40	33	8.5	98	0	80	36	32	348
JAN.											
14...	1200	6.5	90	27	6.9	88	0	72	31	18	275
FEB.											
05...	1225	6.5	50	28	8.1	83	0	68	30	17	268
APR.											
16...	1740	5.5	30	28	7.6	86	0	71	30	14	240
MAY											
13...	1645	5.5	20	27	7.2	88	0	72	25	15	257
JUNE											
27...	1145	5.6	20	26	7.7	93	0	76	32	31	328
JULY											
24...	1320	6.6	20	29	8.5	105	0	86	30	20	312
AUG.											
21...	1400	5.9	20	36	12	123	0	101	51	36	441
SEP.											
17...	1440	3.7	0	40	14	137	0	112	57	27	443

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
31...	.37	.01	.01	.31	.70	.10	.04	265	21	140
NOV.										
27...	.50	.00	.04	.59	1.1	.18	.12	209	314	120
JAN.										
14...	.67	.02	.05	.57	1.3	.14	.05	164	146	96
FEB.										
05...	.87	.03	.06	.41	1.4	.13	.07	164	83	100
APR.										
16...	.93	.01	.01	.48	1.4	.13	.03	168	125	100
MAY										
13...	.76	.00	.00	.36	1.1	.19	.06	146	188	97
JUNE										
27...	.55	.01	.01	.56	1.1	.16	.06	240	194	97
JULY										
24...	.92	.05	.02	.45	1.4	.15	.09	174	82	110
AUG.										
21...	.51	.00	.01	1.2	1.7	.08	.05	248	8	140
SEP.										
17...	.40	.00	.02	.31	.73	.06	.05	260	17	160

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (JNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.										
31...	34	7.8	22.0	25	8.6	98	3.3	14	9.4	4.6
NOV.										
27...	37	7.3	14.0	120	9.3	89	7.9	--	--	7.2
JAN.										
14...	24	7.7	9.5	65	10.8	94	2.8	3.5	.0	5.3
FEB.										
05...	32	7.4	13.5	45	9.1	87	5.3	.0	.0	4.4
APR.										
16...	29	7.7	15.0	75	8.5	83	2.7	--	--	3.8
MAY										
13...	25	7.3	23.5	40	5.4	63	7.1	--	--	7.2
JUNE										
27...	20	7.6	28.5	65	5.5	70	3.7	--	--	7.0
JULY										
24...	24	7.5	32.0	50	5.2	70	5.3	4.5	.5	3.8
AUG.										
21...	39	7.9	32.0	20	--	--	2.5	5.0	1.9	5.0
SEP.										
17...	45	8.2	26.5	10	8.4	103	1.4	5.9	1.8	5.6

ATCHAFALAYA BASIN, LA.--Continued

293225091285500 - ATCHAFALAYA BAY STATION LBB I

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
OCT. 31...	1345	4.5	0	38	11	131	0	107	51	36	434
NOV. 27...	1345	6.6	30	33	8.7	99	0	81	38	33	354
JAN. 14...	1245	6.6	250	32	8.4	89	0	73	31	24	301
FEB. 05...	1305	5.9	120	30	9.[illegible]	98	0	80	29	29	328
MAR. 25...	1810	4.3	60	22	10	95	0	78	31	41	291
APR. 16...	1810	4.5	30	25	7.6	88	0	72	29	15	240
MAY 13...	1715	5.8	10	28	7.4	95	0	78	23	16	260
JUNE 27...	1300	6.0	20	27	7.9	98	0	80	28	29	320
JULY 24...	1400	6.4	20	26	8.3	103	0	84	29	22	308
AUG. 21...	1500	6.1	10	37	12	118	0	97	53	40	438
SEP. 17...	1530	3.4	0	39	14	135	0	111	57	30	445

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	SUSPENDED SOLIDS (MG/L)	HARDNESS (CA,MG) (MG/L)
OCT. 31...	.18	.01	.01	.48	.68	.09	.01	252	38	140
NOV. 27...	.50	.00	.03	.60	1.1	.19	.11	219	295	120
JAN. 14...	.59	.01	.05	.64	1.3	.14	.05	168	105	110
FEB. 05...	.61	.03	.10	.46	1.2	.17	.07	177	67	120
MAR. 25...	.37	.02	.05	.47	.91	.14	.05	201	84	96
APR. 16...	.46	.01	.01	.39	.87	.06	.03	167	53	94
MAY 13...	.50	.00	.01	.59	1.1	.17	.05	149	140	100
JUNE 27...	.31	.01	.02	.62	.96	.13	.04	173	98	100
JULY 24...	.69	.04	.03	.66	1.4	.13	.08	177	58	99
AUG. 21...	.28	.00	.01	1.2	1.5	.08	.04	261	21	140
SEP. 17...	.24	.01	.03	.22	.50	.07	.05	272	9	160

ATCHAFALAYA BASIN, LA.--Continued

293225091285500 - ATCHAFALAYA BAY STATION LBB I--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 31...	33	7.0	23.5	30	8.1	94	21	--	--	5.6
NOV. 27...	37	7.6	14.0	120	9.6	92	4.0	--	--	6.4
JAN. 14...	37	7.6	8.0	60	10.9	92	3.6	4.7	1.4	6.4
FEB. 05...	40	7.5	17.0	40	8.1	84	5.0	4.6	1.1	6.0
MAR. 25...	18	7.6	19.5	45	7.6	82	3.8	2.8	.1	12
APR. 16...	22	7.6	19.0	30	9.6	102	3.5	--	--	3.8
MAY 13...	22	7.4	25.5	55	5.4	65	6.1	--	--	8.7
JUNE 27...	20	7.5	28.5	45	5.2	66	5.0	--	--	7.0
JULY 24...	15	7.3	30.0	40	5.5	72	8.3	.0	.0	4.6
AUG. 21...	43	7.6	30.5	25	--	--	4.7	2.7	.4	3.0
SEP. 17...	44	8.3	26.5	8	8.7	107	1.1	3.5	1.0	6.0

292630091153000 - ATCHAFALAYA BAY STATION PB 1

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)
OCT. 13...	1305	6.0	0	33	9.8	106	0	87	41	36	376
NOV. 02...	1110	4.1	0	41	17	133	0	109	63	100	702
JAN. 06...	1258	6.6	70	27	7.2	86	0	71	30	19	275
FEB. 26...	1350	5.7	30	28	7.4	87	0	71	26	23	281
MAR. 20...	1340	4.2	120	31	8.1	91	0	75	28	29	311
MAY 20...	1430	6.3	0	29	7.4	94	0	77	25	16	264
JUNE 25...	1310	5.9	20	27	7.4	89	0	73	27	27	300
JULY 17...	1330	5.9	10	25	8.0	97	0	80	23	15	310
AUG. 07...	1540	6.1	10	24	7.5	90	0	74	20	21	269
SEP. 14...	1205	2.7	20	39	12	140	0	115	56	35	459

ATCHAFALAYA BASIN, LA.--Continued

292630091153000 - ATCHAFALAYA BAY STATION PB 1--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT. 13...	.38	.01	.02	.51	.92	.14	.05	233	128	120
NOV. 02...	.37	.01	.00	.41	.79	.04	.09	385	18	170
JAN. 06...	.61	.03	.05	.50	1.2	.16	.06	149	124	97
FEB. 26...	.52	.01	.06	.49	1.1	.13	.05	160	117	100
MAR. 20...	.48	.02	.01	.49	1.0	.11	.05	152	103	110
MAY 20...	.44	.01	.02	.57	1.0	.09	.06	153	148	100
JUNE 25...	.26	.03	.03	.35	.67	.09	.04	158	133	98
JULY 17...	.60	.03	.04	.62	1.3	.17	.07	168	174	95
AUG. 07...	.23	.00	.06	.94	1.2	.11	.03	153	56	91
SEP. 14...	.23	.00	.00	.42	.65	.07	.05	234	26	150

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT. 13...	36	7.7	23.0	55	8.1	93	3.4	17	15	7.7
NOV. 02...	63	7.6	21.5	25	8.4	94	5.3	--	--	4.9
JAN. 06...	26	7.5	11.0	65	9.0	81	4.4	2.7	1.4	6.7
FEB. 26...	29	7.7	12.5	55	8.4	79	2.8	3.0	.3	5.2
MAR. 20...	35	7.2	16.0	45	9.0	90	9.2	2.8	.0	5.7
MAY 20...	26	7.5	26.5	50	6.0	74	4.8	--	--	6.4
JUNE 25...	25	7.6	30.0	55	6.7	88	3.6	--	--	5.2
JULY 17...	15	7.1	28.5	60	6.4	82	12	29	.0	7.0
AUG. 07...	17	7.5	31.5	30	--	--	4.6	14	1.9	11
SEP. 14...	32	8.2	28.0	20	7.6	96	1.4	8.8	.7	6.8

ATCHAFALAYA BASIN, LA.--Continued

292600091132500 - ATCHAFALAYA BAY STATION PB 2

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT.											
13...	1400	5.9	0	34	12	110	0	90	38	140	770
NOV.											
02...	1235	4.4	0	45	24	130	0	107	76	270	1250
JAN.											
06...	1345	6.5	40	37	9.6	91	0	75	29	53	401
FEB.											
26...	1455	5.1	40	27	9.0	94	0	77	24	45	359
MAR.											
20...	1440	3.5	70	27	8.6	92	0	75	24	38	342
APR.											
30...	1355	5.5	40	26	7.3	93	0	76	25	22	277
MAY											
20...	1520	6.5	0	27	7.6	100	0	82	21	20	274
JUNE											
25...	1415	6.3	20	22	6.4	85	0	70	14	24	250
JULY											
17...	1423	6.3	20	19	6.3	84	0	69	7.9	36	277
AUG.											
07...	1645	6.5	60	15	5.0	55	0	45	5.2	25	188
SEP.											
14...	1335	7.1	70	18	8.2	70	0	57	12	89	414

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
13...	.19	.01	.11	.65	.96	.13	.04	436	147	130
NOV.										
02...	.25	.01	.02	.54	.82	.13	.04	739	84	210
JAN.										
06...	.49	.02	.07	.71	1.3	.13	.06	212	94	130
FEB.										
26...	.34	.01	.06	.56	.97	.12	.05	197	93	100
MAR.										
20...	.29	.03	.08	.42	.82	.09	.02	185	64	100
APR.										
30...	.36	.01	.05	.50	.92	.17	.05	154	144	95
MAY										
20...	.17	.00	.03	.46	.66	.07	.02	153	97	99
JUNE										
25...	.01	.01	.02	.36	.40	.06	.02	164	35	81
JULY										
17...	.02	.01	.08	.71	.82	.10	.03	152	69	73
AUG.										
07...	.00	.01	.06	.75	.82	.07	.02	100	25	58
SEP.										
14...	.02	.01	.01	.64	.68	.06	.03	246	25	79

ATCHAFALAYA BASIN, LA.--Continued

292600091132500 - ATCHAFALAYA BAY STATION PB 2--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.										
13...	44	7.5	23.0	45	7.0	80	5.6	20	4.2	8.6
NOV.										
02...	100	7.5	24.0	55	7.8	92	6.6	27	30	6.4
JAN.										
06...	55	7.5	13.5	55	9.0	86	4.6	4.3	.1	6.6
FEB.										
26...	23	7.6	12.0	40	7.2	67	3.8	.0	.0	9.4
MAR.										
20...	25	7.1	17.5	30	5.6	58	12	4.1	1.0	12
APR.										
30...	19	7.3	24.0	55	6.2	73	7.5	--	--	8.0
MAY										
20...	17	7.1	26.5	25	4.0	49	13	--	--	8.0
JUNE										
25...	12	7.3	28.5	20	3.8	48	6.8	--	--	6.4
JULY										
17...	4	7.0	29.0	25	4.5	58	13	31	1.8	7.6
AUG.										
07...	13	7.3	29.0	20	--	--	4.4	14	.0	24
SEP.										
14...	21	7.6	29.0	20	5.6	72	2.8	17	2.3	13

292240091123000 - ATCHAFALAYA BAY STATION PB 3

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	TOTAL NITRATE (N) (MG/L)
OCT.											
13...	1025	6.0	0	29	13	104	0	85	34	34	.39
NOV.											
02...	0840	3.2	60	190	350	141	0	116	1000	7100	.00
JAN.											
06...	1050	6.5	30	28	8.0	88	0	72	30	35	.53
FEB.											
26...	1035	5.6	50	28	10	93	0	76	27	58	.43
MAR.											
20...	1015	4.4	40	28	8.1	89	0	73	28	28	.58
APR.											
30...	1145	5.5	10	26	6.5	88	0	72	26	17	.64
MAY											
20...	1145	6.0	0	27	7.8	98	0	80	22	25	.20
JUNE											
25...	1045	7.0	40	26	7.5	88	0	72	26	27	.47
JULY											
17...	1030	5.9	0	27	9.1	101	0	83	29	24	.85
AUG.											
07...	1105	6.3	90	14	5.9	62	0	51	7.3	34	.04
SEP.											
14...	0910	3.4	70	48	52	109	0	89	120	700	.00

ATCHAFALAYA BASIN, LA.--Continued

292240091123000 - ATCHAFALAYA BAY STATION PB 3--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)
OCT.											
13...	.01	.05	.58	.63	1.0	.13	.05	22	56	130	41
NOV.											
02...	.01	.01	.84	.85	.86	.14	.04	13800	22	1900	1800
JAN.											
06...	.02	.06	.52	.58	1.1	.13	.06	187	68	100	28
FEB.											
26...	.02	.07	.52	.59	1.0	.10	.06	240	77	110	35
MAR.											
20...	.01	.01	.56	.57	1.2	.16	.05	176	170	100	27
APR.											
30...	.01	.02	.63	.65	1.3	.18	.06	163	229	92	20
MAY											
20...	.01	.03	.46	.49	.70	.08	.02	170	77	100	19
JUNE											
25...	.06	.03	.43	.46	.99	.11	.08	174	86	96	24
JULY											
17...	.02	.02	.48	.50	1.4	.14	.10	202	99	100	17
AUG.											
07...	.00	.05	.57	.62	.66	.06	.02	128	31	59	8
SEP.											
14...	.01	.00	.42	.42	.42	.06	.03	1390	23	330	250

DATE	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.										
13...	353	7.6	22.5	55	8.0	91	4.2	8.4	6.2	6.2
NOV.										
02...	21500	7.5	24.0	35	7.8	92	7.1	19	12	9.8
JAN.										
06...	325	7.7	10.5	55	10.2	91	2.8	1.9	.0	6.3
FEB.										
26...	402	7.7	11.5	40	8.8	80	3.0	.0	.0	6.8
MAR.										
20...	309	7.3	15.5	70	8.3	82	7.1	4.1	.7	6.2
APR.										
30...	263	7.3	22.0	75	8.3	95	7.1	--	--	8.4
MAY										
20...	290	7.6	26.5	30	6.5	80	3.9	--	--	7.1
JUNE										
25...	298	7.7	27.0	50	6.4	75	2.8	--	--	5.2
JULY										
17...	275	7.5	28.0	60	6.6	84	5.1	6.2	.4	6.0
AUG.										
07...	234	7.3	27.5	15	--	--	5.0	7.7	.9	7.0
SEP.										
14...	2370	7.9	26.5	15	7.0	86	2.2	10	1.6	27

ATCHAFALAYA BASIN, LA.--Continued

292325091135500 - ATCHAFALAYA BAY STATION PB 3B

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT.											
13...	1230	5.6	0	30	11	107	0	88	36	72	487
NOV.											
02...	1045	3.1	60	180	340	139	0	114	1000	7000	20700
APR.											
30...	1255	4.9	10	25	8.7	99	0	81	24	28	311
JUNE											
25...	1115	5.7	30	24	7.5	86	0	71	21	27	286
JULY											
17...	1100	5.7	10	25	8.6	98	0	80	23	28	291
AUG.											
07...	1240	5.9	20	30	9.6	109	0	89	30	22	322
SEP.											
14...	1005	1.3	0	41	13	128	6	115	59	36	464

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
13...	.26	.01	.06	.41	.74	.10	.05	223	77	32
NOV.										
02...	.01	.01	.04	1.1	1.1	.17	.05	13200	5	1900
APR.										
30...	.34	.01	.04	.65	1.0	.21	.05	177	185	98
JUNE										
25...	.24	.01	.05	1.2	1.5	.09	.04	156	125	91
JULY										
17...	.59	.02	.04	.47	1.1	.11	.06	175	77	98
AUG.										
07...	.59	.01	.03	.58	1.2	.10	.05	181	35	110
SEP.										
14...	.03	.01	.00	.44	.48	.06	.03	250	22	160

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.										
13...	120	7.6	23.0	40	8.0	92	4.3	9.7	5.9	7.1
NOV.										
02...	1700	7.6	24.0	40	8.0	94	5.6	27	19	9.3
APR.										
30...	17	7.6	24.5	65	8.2	97	4.0	--	--	7.8
JUNE										
25...	20	7.6	28.0	35	6.6	84	3.5	--	--	7.0
JULY										
17...	18	7.3	28.5	45	6.8	87	7.9	37	1.1	5.0
AUG.										
07...	21	7.9	28.0	25	--	--	2.2	2.9	3.4	9.8
SEP.										
14...	51	8.5	25.0	15	8.0	95	.7	8.8	1.8	9.2

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

ATCHAFALAYA BASIN, LA.--Continued

292140091163500 - ATCHAFALAYA BAY STATION PB 4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT. 13...	1130	5.3	10	31	17	108	0	89	47	130	708
NOV. 02...	0950	2.8	60	200	370	142	0	116	1100	7400	23000
JAN. 06...	1150	6.5	30	28	8.0	85	0	70	32	38	280
FEB. 26...	1200	5.8	60	26	8.3	90	0	74	27	36	322
MAR. 20...	1230	5.4	40	28	8.8	90	0	74	31	38	346
MAY 20...	1300	6.1	0	28	7.2	91	0	75	26	17	265
JUNE 25...	1220	5.8	10	26	8.8	89	0	73	28	33	320
JULY 17...	1130	5.7	10	27	9.0	99	0	81	29	30	332
AUG. 07...	1320	5.4	10	23	8.2	88	0	72	24	34	319
SEP. 14...	1030	2.4	10	62	88	120	0	98	210	1100	4400

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT. 13...	.35	.00	.06	.55	.96	.14	.05	394	83	150
NOV. 02...	.02	.01	.02	1.2	1.2	.19	.04	14700	139	2000
JAN. 06...	.57	.02	.06	.46	1.1	.13	.06	185	77	100
FEB. 26...	.52	.02	.07	.53	1.1	.13	.06	177	113	99
MAR. 20...	.75	.04	.01	.42	1.2	.11	.04	193	89	110
MAY 20...	.65	.01	.01	.51	1.2	.08	.06	150	92	100
JUNE 25...	.36	.03	.01	.63	1.0	.09	.04	198	62	100
JULY 17...	.61	.02	.04	.39	1.1	.09	.06	186	55	100
AUG. 07...	.35	.00	.04	.75	1.1	.06	.04	173	19	91
SEP. 14...	.03	.01	.01	.64	.69	.10	.07	2450	58	520

ATCHAFALAYA BASIN, LA.--Continued

292140091163500 - ATCHAFALAYA BAY STATION PB 4--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.										
13...	59	7.7	23.0	65	8.0	92	3.4	18	13	10
NOV.										
02...	1900	7.6	23.5	55	8.0	93	5.7	12	3.1	12
JAN.										
06...	30	7.6	10.5	55	10.0	89	3.4	1.6	.0	6.9
FEB.										
26...	25	7.7	11.0	55	9.6	86	2.9	.0	.0	7.0
MAR.										
20...	36	7.7	16.0	55	8.9	89	2.9	1.6	.0	4.6
MAY										
20...	25	7.8	24.5	55	6.9	85	2.3	--	--	6.2
JUNE										
25...	28	7.8	28.5	45	6.9	88	2.3	--	--	6.4
JULY										
17...	19	7.5	28.5	35	7.2	92	5.0	8.2	.9	5.0
AUG.										
07...	19	8.1	30.0	25	--	--	1.1	7.6	2.4	5.2
SEP.										
14...	420	8.1	26.0	40	7.6	93	1.5	9.8	.0	8.4

293440091322000 - EAST COTE BLANCHE BAY STN ECB 3

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DEPTH (FT)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
OCT.											
31...	1650	--	4.8	10	39	13	118	0	97	51	110
NOV.											
19...	1340	--	4.8	10	34	10	101	0	83	41	110
JAN.											
14...	1515	--	5.3	190	27	10	90	0	74	31	72
FEB.											
05...	1600	--	5.5	50	29	8.3	89	0	73	28	39
MAR.											
25...	1220	--	3.6	50	28	7.9	97	0	80	28	42
APR.											
16...	1340	--	4.8	30	26	7.6	88	0	72	28	30
MAY											
13...	1220	--	5.8	30	28	7.6	96	0	79	22	42
JUNE											
27...	0650	--	6.0	10	25	8.4	95	0	78	26	61
JULY											
24...	0810	--	6.5	20	28	9.6	104	0	85	28	60
AUG.											
21...	0812	--	4.9	30	24	10	80	0	66	29	100
SEP.											
17...	1100	--	4.2	10	32	19	95	0	78	50	240
20...	1330	.5	--	--	--	--	82	0	67	--	--
20...	1331	3.3	--	--	--	--	82	0	67	--	--
20...	1555	.5	4.9	10	27	16	86	0	71	42	180
20...	1556	3.3	--	--	--	--	86	0	71	--	--
20...	1900	.5	--	--	--	--	92	0	75	--	--
20...	1901	3.3	--	--	--	--	92	0	75	--	--
20...	2210	.5	--	--	--	--	86	0	71	--	--
20...	2211	3.3	--	--	--	--	84	0	69	--	--
21...	0135	.5	--	--	--	--	83	0	68	--	--
21...	0136	3.3	--	--	--	--	84	0	69	--	--
21...	0415	.5	5.1	10	27	15	87	0	71	42	170
21...	0416	3.3	--	--	--	--	86	0	71	--	--
21...	0705	.5	--	--	--	--	92	0	75	--	--
21...	0706	3.3	--	--	--	--	92	0	75	--	--
21...	1030	.5	--	--	--	--	94	0	77	--	--
21...	1031	3.3	--	--	--	--	95	0	78	--	--
21...	1255	.5	--	--	--	--	93	0	76	--	--
21...	1256	3.3	--	--	--	--	94	0	77	--	--

ATCHAFALAYA BASIN, LA.--Continued

293440091322000 - EAST COTE BLANCHE BAY STATION ECB 3--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.											
31...	.25	.01	.01	.62	.63	.89	.15	.05	380	65	150
NOV.											
19...	.25	.00	.04	.40	.45	.70	.16	.04	332	199	130
JAN.											
14...	.31	.02	.07	.62	.69	1.0	.17	.05	253	152	110
FEB.											
05...	.65	.01	.07	.48	.55	1.2	.17	.06	215	101	110
MAR.											
25...	.31	.01	.06	.47	.53	.85	.09	.03	212	66	100
APR.											
16...	.48	.01	.03	.36	.39	.88	.06	.02	184	30	96
MAY											
13...	.30	.00	.02	.41	.43	.73	.08	.04	199	39	100
JUNE											
27...	.16	.01	.04	.51	.55	.72	.06	.04	229	50	97
JULY											
24...	.60	.03	.03	.64	.67	1.3	.11	.07	236	53	110
AUG.											
21...	.02	.00	.10	1.1	1.2	1.2	.08	.02	314	9	100
SEP.											
17...	.01	.01	.02	.51	.53	.55	.06	.03	626	23	160
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	.00	.02	.03	.56	.59	.59	.07	.05	468	32	130
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	.00	.02	.05	.54	.59	.60	.07	.06	459	38	130
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--

ATCHAFALAYA BASIN, LA.--Continued

293440091322000 - EAST COTE BLANCHE BAY STATION ECB 3--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.											
31...	54	666	7.6	24.0	60	7.4	87	4.7	18	19	6.5
NOV.											
19...	43	634	7.8	19.5	110	8.1	87	2.6	--	--	7.1
JAN.											
14...	36	455	7.7	8.0	110	11.2	94	2.9	2.8	.0	8.3
FEB.											
05...	37	339	7.4	17.5	45	8.1	84	5.7	4.2	.8	5.5
MAR.											
25...	20	352	7.5	19.5	30	6.4	69	4.9	4.2	.7	5.3
APR.											
16...	24	280	7.5	18.5	20	6.7	71	4.5	--	--	5.9
MAY											
13...	22	344	7.4	26.0	25	5.4	68	6.1	--	--	9.3
JUNE											
27...	19	414	7.6	26.5	20	6.4	79	3.8	--	--	6.2
JULY											
24...	25	429	7.0	28.5	35	5.3	68	17	3.3	.8	2.4
AUG.											
21...	34	575	7.6	30.0	15	--	--	3.2	14	.5	6.2
SEP.											
17...	80	1080	8.0	25.5	20	7.1	86	1.5	7.2	.0	3.0
20...	--	725	8.0	29.0	--	7.4	95	1.3	8.1	.0	--
20...	--	726	8.1	29.0	--	7.5	96	1.0	--	--	--
20...	63	818	8.2	29.5	35	7.6	99	.9	12	2.4	2.4
20...	--	838	8.0	29.5	--	7.6	99	1.4	--	--	--
20...	--	956	8.1	29.0	--	7.8	100	1.2	--	--	--
20...	--	942	8.1	29.0	--	7.8	100	1.2	--	--	--
20...	--	802	8.1	29.0	--	7.6	97	1.1	6.8	1.1	--
20...	--	799	8.2	29.0	--	7.0	90	.8	--	--	--
21...	--	721	8.1	28.0	--	7.2	91	1.1	7.8	1.2	--
21...	--	699	8.1	28.5	--	7.2	92	1.1	--	--	--
21...	58	821	8.1	28.0	40	7.6	96	1.1	5.2	1.1	2.6
21...	--	813	8.0	28.0	--	7.2	91	1.4	--	--	--
21...	--	969	8.1	27.0	--	7.4	91	1.2	5.4	.0	--
21...	--	962	8.1	27.0	--	7.4	91	1.2	--	--	--
21...	--	1020	8.1	27.0	--	7.1	88	1.2	9.8	4.1	--
21...	--	1010	8.0	27.0	--	7.0	86	1.5	--	--	--
21...	--	1000	8.2	27.0	--	8.4	104	.9	8.6	1.0	--
21...	--	1010	8.2	27.0	--	8.2	101	.9	--	--	--

ATCHAFALAYA BASIN, LA.--Continued

293505091354000 - EAST COTE BLANCHE BAY STATION ECB 4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT.											
31...	1620	4.6	0	54	51	126	0	103	26	710	2560
NOV.											
19...	1300	5.4	10	35	9.1	106	0	87	43	54	431
JAN.											
14...	1500	6.5	0	24	8.6	83	0	68	29	37	279
FEB.											
05...	1510	5.6	70	25	9.0	84	0	69	29	36	321
MAR.											
25...	1145	4.8	20	30	8.2	87	0	71	28	35	327
APR.											
16...	1315	5.0	20	25	7.2	87	0	71	29	22	260
MAY											
13...	1130	5.7	0	28	7.5	93	0	76	24	25	288
JULY											
24...	0945	6.1	20	21	7.9	86	0	71	25	40	332
SEP.											
17...	1030	4.8	10	25	12	82	0	67	34	84	500

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.										
31...	.31	.01	.00	.53	.85	.15	.04	1560	94	340
NOV.										
19...	.43	.00	.02	.39	.84	.18	.03	225	207	120
JAN.										
14...	.58	.01	.03	1.5	2.1	.42	.07	196	771	95
FEB.										
05...	.58	.02	.04	.35	.99	.11	.06	186	79	100
MAR.										
25...	.47	.05	.04	.53	1.1	.15	.08	180	143	110
APR.										
16...	.68	.00	.01	.43	1.1	.08	.03	173	64	92
MAY										
13...	.51	.00	.01	.43	.95	.11	.05	169	78	100
JULY										
24...	.36	.06	.05	.57	1.0	.16	.11	179	65	85
SEP.										
17...	.06	.05	.06	.58	.75	.14	.13	296	69	110

DATE	NON-CAR-BONATE HARD-NESS (MG/L)	PH (UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (JTU)	DIS-SOLVED OXYGEN (MG/L)	PER-CENT SATUR-ATION	CARBON DIOXIDE (CO2) (MG/L)	CHLORO-PHYLL A (UG/L)	CHLORO-PHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.										
31...	240	7.6	23.5	50	8.9	103	5.1	37	43	6.2
NOV.										
19...	38	8.1	18.0	130	9.6	101	1.3	--	--	5.0
JAN.										
14...	27	7.8	8.0	300	11.4	96	2.1	4.6	.3	15
FEB.										
05...	31	7.8	18.5	40	8.9	96	2.1	.0	3.1	5.1
MAR.										
25...	39	7.8	19.0	70	8.6	91	2.2	5.2	1.0	6.2
APR.										
16...	21	8.0	17.0	35	8.6	88	1.4	--	--	4.0
MAY										
13...	25	7.6	25.5	40	6.8	82	3.7	--	--	5.8
JULY										
24...	14	7.5	28.0	55	7.6	96	4.4	6.6	2.5	5.2
SEP.										
17...	45	8.1	25.0	70	7.9	94	1.0	3.2	.0	6.6

ATCHAFALAYA BASIN, LA.--Continued

293520091374000 - EAST COTE BLANCHE BAY STATION ECB 5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DEPTH (FT)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
OCT.											
31...	1530	--	4.9	0	49	35	121	0	99	100	470
NOV.											
19...	1200	--	4.2	0	42	32	110	0	90	87	440
JAN.											
14...	1430	--	6.4	250	24	6.9	83	0	68	27	23
FEB.											
05...	1440	--	5.9	40	27	7.9	83	0	68	30	31
MAR.											
25...	1100	--	5.3	50	21	7.7	87	0	71	26	26
APR.											
16...	1200	--	5.3	20	25	7.2	86	0	71	30	20
MAY											
13...	1110	--	5.6	0	26	7.6	90	0	74	25	26
JUNE											
27...	0810	--	6.4	50	25	9.2	91	0	75	30	43
JULY											
24...	0910	--	5.4	10	30	17	89	0	73	47	190
AUG.											
21...	0905	--	5.9	30	24	13	76	0	62	30	110
SEP.											
17...	0930	--	2.6	10	39	39	88	0	72	93	480
20...	1240	.5	--	--	--	--	96	0	79	--	--
20...	1241	8.7	--	--	--	--	94	1	79	--	--
20...	1520	.5	.5	10	57	86	90	4	80	190	1200
20...	1521	4.9	--	--	--	--	92	2	79	--	--
20...	1522	8.7	--	--	--	--	95	2	81	--	--
20...	1835	.5	--	--	--	--	94	2	80	--	--
20...	1836	4.9	--	--	--	--	94	1	79	--	--
20...	1837	8.7	--	--	--	--	86	2	74	--	--
20...	2130	.5	--	--	--	--	94	2	80	--	--
20...	2131	4.9	--	--	--	--	94	1	79	--	--
20...	2132	8.7	--	--	--	--	95	1	80	--	--
21...	0030	.5	--	--	--	--	96	0	79	--	--
21...	0031	4.9	--	--	--	--	96	0	79	--	--
21...	0032	8.7	--	--	--	--	96	0	79	--	--
21...	0330	.5	1.3	10	55	80	97	0	80	190	1100
21...	0331	4.9	--	--	--	--	96	0	79	--	--
21...	0332	8.7	--	--	--	--	96	0	79	--	--
21...	0635	.5	--	--	--	--	98	0	80	--	--
21...	0636	4.9	--	--	--	--	96	0	79	--	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

ATCHAFALAYA BASIN, LA.--Continued

293520091374000 - EAST COTE BLANCHE BAY STATION ECB 5--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)
OCT.											
31...	.29	.01	.00	.35	.35	.65	.18	.04	1120	115	270
NOV.											
19...	.36	.00	.02	.37	3.9	.75	.13	.04	945	81	240
JAN.											
14...	.55	.05	.07	1.1	1.2	1.8	.33	.09	168	363	88
FEB.											
05...	.57	.02	.05	.37	.42	1.0	.16	.06	169	86	100
MAR.											
25...	.71	.03	.02	.59	.61	1.4	.15	.07	163	167	84
APR.											
16...	.77	.00	.00	.29	.29	1.1	.06	.04	172	77	92
MAY											
13...	.65	.00	.00	.54	.54	1.2	.12	.05	159	122	96
JUNE											
27...	.48	.04	.02	.61	.63	1.2	.11	.08	193	71	100
JULY											
24...	.58	.04	.03	.48	.51	1.1	.12	.09	528	48	150
AUG.											
21...	.33	.01	.20	1.0	1.2	1.5	.14	.11	324	27	110
SEP.											
17...	.15	.01	.02	.41	.43	.59	.08	.06	1170	40	260
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	.00	.01	.01	.40	.41	.41	.04	.01	2820	11	500
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	.00	.01	.01	.41	.42	.42	.05	.01	2420	32	470
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

ATCHAFALAYA BASIN, LA.--Continued

293520091374000 - EAST COTE BLANCHE BAY STATION ECB 5--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	TURBIDITY (JTU)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
OCT.											
31...	170	1800	7.7	23.5	70	8.5	99	3.9	20	8.7	6.6
NOV.											
19...	150	1760	8.1	17.5	60	9.7	101	1.4	--	--	5.7
JAN.											
14...	20	273	7.8	8.0	230	11.4	96	2.1	2.8	.0	9.8
FEB.											
05...	32	309	7.8	20.0	50	9.2	100	2.1	4.1	.0	4.9
MAR.											
25...	13	290	7.7	18.0	60	8.5	89	2.8	2.6	.2	12
APR.											
16...	21	250	8.1	17.0	45	9.8	101	1.1	--	--	3.2
MAY											
13...	22	288	7.7	25.5	40	7.6	92	2.9	--	--	5.4
JUNE											
27...	26	318	8.0	27.0	45	7.4	91	1.5	--	--	6.2
JULY											
24...	72	877	7.9	28.5	40	7.5	96	1.8	3.7	.5	4.0
AUG.											
21...	48	603	8.0	29.0	45	--	--	1.2	3.8	1.5	9.8
SEP.											
17...	190	1960	8.2	24.5	30	8.0	95	.9	5.9	.7	7.0
20...	--	4240	8.3	29.0	--	9.6	123	.8	6.3	.6	--
20...	--	4310	8.4	28.5	--	9.6	122	.6	--	--	--
20...	420	4400	8.4	29.0	5	8.4	108	.6	4.4	.0	2.2
20...	--	4390	8.5	29.0	--	8.6	110	.5	--	--	--
20...	--	4590	8.4	28.5	--	8.8	112	.6	--	--	--
20...	--	3590	8.4	28.5	--	8.0	102	1.8	4.5	1.0	--
20...	--	3600	8.4	28.5	--	8.0	102	.6	--	--	--
20...	--	3630	8.4	28.5	--	8.4	107	.6	--	--	--
20...	--	4160	8.4	29.0	--	8.0	103	.6	3.4	.7	--
20...	--	4160	8.4	29.0	--	7.8	100	.6	--	--	--
20...	--	4160	8.4	29.0	--	7.8	100	.6	--	--	--
21...	--	4030	8.3	28.0	--	8.4	106	.8	5.2	1.2	--
21...	--	4050	8.3	28.0	--	8.0	101	.8	--	--	--
21...	--	4030	8.3	28.0	--	8.0	101	.8	--	--	--
21...	390	4110	8.3	27.0	15	8.0	99	.8	10	.8	1.6
21...	--	4120	8.3	27.0	--	7.6	94	.8	--	--	--
21...	--	4110	8.3	27.5	--	7.8	98	.8	--	--	--
21...	--	4130	8.3	27.0	--	7.8	96	.8	1.5	.0	--
21...	--	4150	8.3	27.0	--	7.4	91	.8	--	--	--

DATE	TIME	DEPTH (FT)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)
SEP.							
21...	0637	8.7	99	0	81	4160	8.2
21...	0950	.5	96	0	79	3920	8.3
21...	0951	4.9	97	0	80	3920	8.3
21...	0952	8.7	96	0	79	3980	8.3
21...	1225	.5	93	0	76	3930	8.3
21...	1226	4.9	92	2	79	3940	8.4
21...	1227	8.7	96	0	79	3940	8.3

DATE	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	PERCENT SATURATION	CARBON DIOXIDE (CO2) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)
SEP.						
21...	27.0	7.8	96	1.0	--	--
21...	27.0	8.4	104	.8	5.9	2.0
21...	--	--	--	.8	--	--
21...	--	--	--	.8	--	--
21...	27.0	9.0	111	.7	9.2	1.8
21...	27.0	8.2	101	.6	--	--
21...	27.0	9.0	111	.8	--	--

ATCHAFALAYA BASIN, LA.--Continued

311618091494200 - BLACK RIVER AT MOUTH

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
AUG. 25...	1240	32400	9.9	1.5	5.4	20	2.5	55	0	45	12	31

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)
AUG. 25...	.3	.63	.01	.04	7.1	1.4	.21	.10	124	123	81

DATE	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
AUG. 25...	0	15	229	7.2	55	65	5.6	6.8	176	15300	92

311602091502100 - RED RIVER AT MOUTH OF BLACK RIVER

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
AUG. 25...	1900	4.3	67	20	100	4.2	169	0	139	99

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	TOTAL NITRATE (N) (MG/L)	TOTAL NITRITE (N) (MG/L)	AMMONIA NITRO-GEN (N) (MG/L)	TOTAL ORGANIC NITRO-GEN (N) (MG/L)	TOTAL NITRO-GEN (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	TOTAL ORTHO PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)
AUG. 25...	160	.4	.00	.00	.03	.55	.58	.19	.04	604

DATE	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SUS-PENDED SOLIDS (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (JTU)	CARBON DIOXIDE (CO2) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
AUG. 25...	538	133	250	110	1020	7.9	10	60	3.4	8.0

A series of water samples and bed-material samples were collected on twenty bodies of water for determination of inorganic, organic, minor-element, and pesticide concentrations in the water and sediment deposits. Following are the results of these analyses.

292733091171000 - ATCHAFALAYA RIVER BAY CHANNEL SITE A

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
15...	1010	.29	100	172	169	22	8860	10	2800	.00
15...	1630	.23	670	122	140	28	31200	17	15000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	0	16	0	1.0	0	0	0	1	0	2
15...	0	18	1	1.0	0	3	0	1	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	7	2	0	10	0	5	.0	.0	0	14
15...	4	10	0	10	2	10	.1	.1	0	33

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
15...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
15...	.00	.0	.0	3	.00	1.7	.00	1.5	.00	.4	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
15...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
15...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
15...	.00	.00	.00	.0	0	0	0	.00	.04	.01	.01
15...	.00	.00	.00	.0	2	0	0	.00	.04	.01	.01

292615091193200 - ATCHAFALAYA RIVER BAY CHANNEL SITE B

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
15...	1045	.34	180	228	136	140	14600	6	4700	.00
15...	1600	.26	630	116	136	18	32700	17	17000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	0	17	0	1.0	2	3	0	1	0	6
15...	0	9	2	1.0	1	3	0	1	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	5	4	2	10	2	10	.0	.1	8	33
15...	6	11	2	20	2	15	.0	.1	6	48

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
15...	.00	.0	.0	1	.00	1.2	.00	.6	.00	.5	<.01	.00
15...	.00	.0	.0	5	.00	3.6	.00	.8	.00	2.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
15...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
15...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
15...	.00	.00	.00	.0	0	0	0	.00	.05	.01	.01
15...	.00	.00	.00	.0	30	0	0	.00	.04	.00	.00

292311091221400 - ATCHAFALAYA RIVER BAY CHANNEL SITE C

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
15...	1115	.40	1500	34	52	0	67300	18	40000	.00
15...	1530	.31	84	82	112	12	9520	17	1600	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	0	8	2	1.0	1	6	0	1	0	10
15...	0	13	2	1.0	1	0	0	1	0	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	5	23	0	20	1	20	.1	.1	8	69
15...	4	2	10	0	2	5	.0	.1	8	15

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
15...	.00	.0	.0	3	.00	3.9	.00	1.0	.00	.0	.00	.00
15...	.00	.0	.0	0	.00	.3	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
15...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
15...	<.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
15...	.00	.00	.00	.0	22	0	0	.00	.03	.00	.00
15...	.00	.00	.00	.0	0	0	0	.00	.05	.01	.01

291850091260700 - ATCHAFALAYA RIVER BAY CHANNEL SITE D

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
15...	1145	.36	1300	112	136	34	56800	10	38000	.00
15...	1430	.39	1300	32	56	16	55800	480	37000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	0	8	1	1.0	1	8	0	1	0	15
15...	0	4	0	1.0	1	8	0	1	0	16

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	3	20	2	30	0	20	.0	.1	10	66
15...	2	21	1	30	2	20	.0	.1	10	70

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
15...	.00	.0	.0	7	.00	3.2	.00	1.9	.00	.5	.00	.00
15...	.00	.0	.0	4	.00	4.0	.00	1.3	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
15...	1.8	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
15...	.7	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
15...	.00	.00	.00	.0	15	0	0	.00	.05	.01	.01
15...	.00	.00	.00	.0	7	0	0	.00	.02	.00	.00

291620091281900 - ATCHAFALAYA RIVER BAY CHANNEL SITE E

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
15...	1215	.40	1300	38	48	32	60500	830	37000	.00
15...	1400	.40	1100	50	40	16	55700	110	35000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	0	3	1	1.0	1	7	0	1	0	16
15...	0	3	0	1.0	1	3	1	1	10	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	4	21	1	30	0	20	.0	.1	30	70
15...	5	16	1	20	1	15	.0	.0	6	56

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
15...	.00	.0	.0	2	.00	4.6	.00	1.8	.00	.6	.00	.00
15...	.00	.0	.0	2	.00	2.0	.00	.7	.00	.3	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
15...	.9	.00	.4	.00	.00	.0	.00	.0	.00	.0	.00
15...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
15...	.00	.00	.00	.0	5	0	0	.00	.02	.00	.00
15...	.00	.00	.00	.0	3	0	0	.00	.04	.01	.01

291337091304000 - ATCHAFALAYA RIVER BAY CHANNEL SITE F

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
15...	1245	.34	1600	36	40	24	55300	650	28000	.00
15...	1330	.28	1400	16	32	12	67600	600	33000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	0	1	1	1.0	1	8	0	1	10	16
15...	0	2	1	1.0	1	10	0	1	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
15...	2	16	2	30	15	15	.0	.0	20	65
15...	2	17	2	30	2	10	.0	.1	30	64

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
15...	.00	.0	.0	0	.00	3.2	.00	.8	.00	.4	.00	.00
15...	.00	.0	.0	3	.00	4.3	.00	1.2	.00	.5	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
15...	.6	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
15...	.5	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
15...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00
15...	.00	.00	.00	.0	4	0	0	.00	.01	.00	.00

295013091551400 - AVERY CANAL (SITE A)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
01...	0935	.06	1500	148	220	38	38100	28	36000	.00
01...	1040	.69	1000	186	204	88	36100	27	28000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
01...	0	12	1	1.0	1	10	1	10	0	6
01...	0	15	1	1.0	1	15	1	10	10	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
01...	5	12	0	20	0	15	.0	.0	0	26
01...	20	12	0	20	1	15	.0	.0	8	36

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
MAY											
01...	.00	.0	.0	0	.00	.2	.00	.0	.00	.0	.00
01...	.00	.0	.0	0	.00	.2	.00	.0	.00	.0	.01

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
MAY											
01...	.00	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0
01...	.00	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY										
01...	.00	.00	.00	.0	0	0	0	.00	.00	.04
01...	.00	.00	.00	.0	0	0	0	.00	.00	.05

295105091560900 - PETIT ANSE (SITE B)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
01...	0915	.06	1400	60	176	30	60100	27	65000	.00
01...	1015	.59	300	86	189	20	32500	30	13000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
01...	0	10	1	1.0	1	8	0	10	0	7
01...	0	8	1	1.0	1	10	0	1	10	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
01...	3	12	0	10	2	10	.0	.0	0	33
01...	3	22	0	20	0	15	.0	.0	0	32

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
MAY											
01...	.00	.0	.0	1	.00	1.6	.00	.3	.00	.0	.02
01...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
MAY											
01...	.00	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0
01...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY										
01...	.00	.00	.00	.0	2	0	0	.00	.00	.05
01...	.00	.00	.00	.0	0	0	0	.00	.00	.06

295420091551400 - PETIT ANSE (SITE C)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
01...	0815	.78	2400	44	132	16	90400	34	92000	.00
01...	1135	.93	2700	18	132	12	90800	45	91000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
01...	0	6	0	1.0	1	15	0	10	0	13
01...	0	4	1	1.0	1	17	0	10	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
01...	4	17	1	20	6	15	.0	.0	4	56
01...	3	17	0	20	0	15	.0	.0	0	55

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
MAY											
01...	.00	.0	.0	3	.00	2.3	.00	.4	.00	.0	.02
01...	.00	.0	.0	0	.00	.3	.00	.0	.00	.0	.01

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
MAY											
01...	.00	.5	.00	.0	.00	.00	.0	.00	.0	.00	.0
01...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY										
01...	.00	.00	.00	.0	0	0	0	.00	.00	.03
01...	.00	.00	.00	.0	0	0	0	.00	.00	.05

295400091570400 - BAYOU CARLIN (SITE D)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
01...	0850	.59	2000	30	124	22	71200	38	82000	.00
01...	1110	.07	1800	44	132	8	56800	38	61000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
01...	0	10	1	1.0	0	12	0	10	0	8
01...	0	12	1	1.0	0	10	0	10	0	5

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
01...	7	17	2	20	0	10	.0	.0	0	39
01...	4	12	1	10	2	10	.0	.0	0	28

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
MAY											
01...	.00	.0	.0	2	.00	3.4	.00	.4	.00	.0	.00
01...	.00	.0	.0	2	.00	2.5	.00	.3	.00	.0	.00

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
MAY											
01...	.00	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0
01...	.00	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY										
01...	.00	.00	.00	.0	8	0	0	.00	.00	.00
01...	.00	.00	.00	.0	17	0	0	.00	.00	.03

291608089565900 - BARATARIA BAY WATERWAY AT MILE 0 EAST

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1310	.21	2000	66	28	0	79100	260	82000	.00
25...	1015	.25	1600	60	20	0	70600	240	79000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOTTOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	0	2	<1.0	0	11	0	<1	10	9
25...	0	0	3	1.0	0	13	0	1	0	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	2	19	2	20	2	25	.0	.2	10	54
25...	50	15	1	20	0	20	.0	.0	20	47

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
24...	.00	.0	.0	0	.00	.2	.00	.2	.00	.0	.00	.00
25...	.00	.0	.0	0	.00	.5	.00	.2	.00	.0	<.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
24...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
25...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
24...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00
25...	.00	.00	.00	.0	0	0	0	.00	.02	.01	.00

291523089572600 - BARATARIA BAY WATERWAY AT MILE 0 WEST

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1330	.01	1200	78	40	34	46800	570	42000	.00
25...	1000	.88	1300	44	4	18	62100	190	59000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	1	5	<1.0	1	7	0	<1	20	7
25...	0	0	1	<1.0	0	6	0	<1	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	2	10	0	20	3	15	.0	.0	10	40
25...	36	11	0	20	1	20	.0	.1	--	46

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
24...	.00	.0	.0	0	.00	.2	.00	.0	.00	.0	.00	.00
25...	.00	.0	.0	0	.00	1.3	.00	.2	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
24...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
25...	.7	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
24...	.00	.00	.00	.0	15	0	0	.00	.02	.01	.00
25...	.00	.00	.00	.0	16	0	0	.00	.00	.00	.00

291939089590400 - BARATARIA BAY WATERWAY AT MILE 5.8 COE NO. 82910

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1240	.34	2300	58	20	4	76200	240	79000	.00
25...	1100	.25	2100	10	84	0	80600	420	88000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	1	1	1.0	1	12	0	<1	0	11
25...	0	1	0	1.0	1	10	0	<1	20	14

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	14	8	2	20	0	15	.1	.1	20	49
25...	6	16	1	30	0	20	.0	.1	10	57

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
24...	.00	.0	.0	0	.00	.8	.00	.0	.00	.0	.00	.00
25...	.00	.0	.0	4	.00	.8	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
24...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
25...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
24...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.01
25...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.01

292301089591300 - BARATARIA BAY WATERWAY AT MILE 10.4 COE NO. 82906

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1215	.50	2900	--	24	8	93300	200	100000	.00
25...	1120	.44	3000	40	144	0	92100	240	98000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOTTOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	2	0	1.0	1	12	0	<1	0	9
25...	0	2	1	<1.0	1	13	0	<1	10	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	3	15	2	20	0	15	.2	.1	0	47
25...	9	13	1	20	0	10	.0	.1	6	44

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
24...	.00	.0	.0	0	.00	.4	.00	.0	.00	.0	.00	.00
25...	.00	.0	.0	0	.00	.4	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
24...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
25...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
24...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.01
25...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.02

292728089592900 - BARATARIA BAY WATERWAY AT MILE 15 COE NO. 82897

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1200	.71	1600	6	20	2	73900	120	81000	.00
25...	1140	.60	3400	6	32	0	115000	130	150000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	2	1	1.0	1	10	0	<1	10	9
25...	0	2	1	1.0	1	13	0	<1	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	6	16	2	20	0	20	.0	.1	10	55
25...	7	12	1	20	2	15	.0	.0	10	54

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
24...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	.00
25...	.00	.0	.0	0	.00	.6	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
24...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
25...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
24...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.02
25...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.01

293200090020900 - BARATARIA BAY WATERWAY AT MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1130	.68	2800	10	20	4	92500	84	120000	.00
25...	1200	.61	1800	66	20	0	63500	95	69000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	2	2	1.0	0	11	0	<1	0	9
25...	0	1	3	<1.0	1	10	0	<1	10	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	4	14	1	20	2	10	.0	.0	6	43
25...	6	14	1	10	3	25	.0	.0	0	48

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
24...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
25...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
24...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
25...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
24...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.02
25...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.05

293604090041000 - BARATARIA BAY WATERWAY AT MILE 25 COE NO. 82879

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1115	.90	3100	46	72	10	91200	45	120000	.00
25...	1230	.85	3000	28	12	10	89200	42	110000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	6	2	<1.0	2	12	0	<1	10	9
25...	0	4	3	1.0	1	12	0	<1	0	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	5	15	1	30	0	15	.3	.0	0	55
25...	6	17	2	20	0	15	.4	.0	8	52

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
24...	.00	.0	.0	0	.00	1.3	.00	.0	.00	.0	.01	.00
25...	.00	.0	.0	1	.00	1.1	.00	.3	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
24...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
25...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
24...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.04
25...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.05

294047090061300 - BARATARIA BAY WATERWAY AT MILE 30 COE NO. 82875

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1030	.59	4900	78	40	6	130000	39	160000	.00
25...	1245	.67	3800	80	76	0	117000	34	160000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	8	2	<1.0	0	14	0	<1	0	9
25...	0	6	2	<1.0	0	9	0	<1	10	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	8	20	1	20	0	25	.0	.0	0	76
25...	3	20	2	30	2	20	.1	.0	0	72

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
24...	.00	.0	.0	0	.00	7.3	.00	2.2	.00	.0	.01	.00
25...	.00	.0	.0	2	.00	3.3	.00	1.4	.00	.0	<.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
24...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
25...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
24...	.00	.00	.00	.0	13	0	0	.00	.00	.00	.02
25...	.00	.00	.00	.0	15	0	0	.00	.00	.00	.07

294438090081500 - BARATARIA BAY WATERWAY AT MILE 35 COE NO. 82750

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
24...	1015	.65	5000	12	40	2	128000	33	170000	.00
25...	1315	.62	3900	42	52	10	121000	22	160000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	0	15	2	1.0	1	10	0	1	0	9
25...	0	7	3	<1.0	0	13	0	<1	0	23

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
24...	8	19	0	20	2	30	.0	.0	10	73
25...	10	84	1	90	3	30	.0	.1	0	110

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
APR.											
24...	.00	.0	.0	0	.00	.0	.00	.7	.00	.0	.03
25...	.00	--	.0	--	.00	--	.00	--	.00	--	.03

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
APR.											
24...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0
25...	.00	.0	.00	.0	.00	.00	--	.00	.0	.00	--

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.										
24...	--	.00	.00	.0	150	0	0	.00	.00	.09
25...	.00	.00	.00	.0	4800	0	--	.00	.00	.06

300733091300000 - BAYOU CHENE (WEST ACCESS CHANNEL)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
12...	1315	.23	350	224	208	30	18300	14	12000	.00
13...	1300	.31	300	372	352	60	14500	10	7500	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
12...	0	13	2	<1.0	1	1	0	<1	0	6
13...	0	7	2	<1.0	1	0	0	<1	0	0

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
12...	23	8	0	20	1	10	.0	.1	10	30
13...	2	6	0	10	2	5	.0	.1	20	29

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
12...	.00	.0	.0	0	.00	.3	.00	.0	.00	.0	.03	.00
13...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
12...	<.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
13...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BCTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
12...	.00	.00	.00	.0	0	0	0	.00	.03	.01	.01
13...	.00	.00	.00	.0	0	0	0	.00	.00	.01	.01

293428090424700 - BAYOU LA CARPE NEAR HOUMA

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
11...	0830	.41	1900	140	156	8	74300	13	90000	.00
26...	1500	.01	1900	64	68	26	60300	16	94000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
11...	0	17	1	1.0	1	21	0	1	0	22
26...	0	19	0	1.0	0	32	0	2	0	16

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
11...	2	29	3	130	2	20	.0	.1	30	161
26...	3	30	0	210	3	15	.0	.1	0	260

DATE	TIME	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.												
11...	0830	.5	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
11...	1100	.8	.00	.0	.00	.00	.0	.00	<.1	.00	.0	.00
26...	1500	.8	.00	.0	.00	.00	--	.00	.0	.00	--	.00

DATE	TIME	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.												
11...	0830	.00	.00	.00	.0	33	0	0	.00	.04	.00	.01
11...	1100	.00	.00	.00	.0	25	0	0	.00	.02	.00	.01
26...	1500	.00	.00	--	.0	210	0	--	--	.03	.00	.01

DATE	TIME	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.													
11..	0830	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
11..	1100	.00	.0	.0	0	.00	4.3	.00	.0	.00	.0	.00	.00
26..	1500	.00	--	.0	--	.00	--	.00	--	.00	--	.04	.00

291454089363000 - BAYOU LONG (EMPIRE TO GULF) AT MILE 10.3

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
JUNE										
27...	1120	.45	2100	26	16	14	73900	81	49000	.00
27...	1240	.43	2300	23	36	12	79100	110	45000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	0	4	2	<1.0	1	10	1	1	10	11
27...	0	3	1	<1.0	2	8	0	2	0	15

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	2	21	2	20	1	15	.0	.0	0	56
27...	2	22	2	30	0	20	.0	.0	0	64

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
JUNE												
27...	.00	.0	.0	0	.00	2.7	.00	.0	.00	.0	.01	.00
27...	.00	.0	.0	0	.00	.9	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
JUNE											
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
JUNE											
27...	.00	.00	.00	.0	39	0	0	.00	.02	.00	.00
27...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.01

291745089355400 - BAYOU LONG (EMPIRE TO GULF) AT MILE 6.8

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
JUNE										
27...	1100	.35	1300	15	4	12	52800	160	38000	.00
27...	1300	.45	1400	15	32	12	55900	150	41000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	0	4	2	<1.0	0	9	0	1	10	11
27...	0	8	2	<1.0	1	10	0	2	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	2	17	1	20	1	20	.0	.0	0	45
27...	2	16	0	20	0	15	.0	.0	0	45

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
JUNE												
27...	.00	.0	.0	0	.00	.6	.00	.0	.00	.0	.01	.00
27...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
JUNE											
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
JUNE											
27...	.00	.00	.00	.3	0	0	0	.00	.02	.00	.00
27...	.00	.00	.00	.0	13	0	0	.00	.02	.00	.00

291901089361800 - BAYOU LONG (EMPIRE TO GULF) AT MILE 5.1

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
JUNE										
27...	1030	.04	1200	5	8	5	39900	170	29000	.00
27...	1330	.30	1200	18	12	0	48500	180	43000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	0	4	3	<1.0	0	4	0	1	10	10
27...	0	4	2	<1.0	1	6	0	1	10	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	2	11	2	10	2	15	.0	.1	0	40
27...	2	14	1	20	1	15	.0	.1	0	35

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
JUNE												
27...	.00	.0	.0	0	.00	1.4	.00	.0	.00	.0	.00	.00
27...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
JUNE											
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
JUNE											
27...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
27...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

292109089353900 - BAYOU LONG (EMPIRE TO GULF) AT MILE 2.7

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
JUNE										
27...	1000	.36	2300	25	44	24	82900	160	80000	.00
27...	1345	.39	2500	22	20	12	72800	98	71000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	0	18	2	1.0	0	9	0	1	0	10
27...	0	11	2	<1.0	1	7	0	1	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	2	21	1	30	2	20	.0	.0	10	50
27...	29	17	1	20	0	20	.0	.0	0	47

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
JUNE												
27...	.00	.0	.0	0	.00	2.4	.00	.0	.00	.0	.00	.00
27...	.00	.0	.0	0	.00	2.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
JUNE											
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
JUNE											
27...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
27...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

292306089361200 - BAYOU LONG (EMPIRE TO GULF) AT MILE 0.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
JUNE										
27...	0915	.38	2900	16	16	4	87500	96	88000	.00
27...	1415	.34	2400	24	32	11	80500	98	78000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOTTOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	0	6	2	1.0	3	9	0	1	0	11
27...	0	3	2	<1.0	1	6	0	2	0	14

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE										
27...	3	27	2	30	1	20	.0	.0	0	68
27...	3	29	1	40	2	20	.0	.0	0	77

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
JUNE												
27...	.00	.0	.0	0	.00	13	.00	.0	.00	.0	.00	<.01
27...	.00	.0	.0	0	.00	16	.00	.0	.00	.0	.00	<.01

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
JUNE											
27...	.5	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
27...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
JUNE											
27...	.00	.00	.00	.0	17	0	0	.00	.00	.00	.00
27...	.00	.00	.00	.0	41	0	0	.00	.00	.00	.00

300953091211300 BAYOU SORREL (EAST ACCESS CHANNEL)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
12...	1130	.27	170	56	76	16	11100	17	4700	.00
13...	1345	.25	300	50	64	8	11200	12	5000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
12...	0	21	1	<1.0	2	4	1	<1	20	3
13...	0	1	1	<1.0	1	0	0	<1	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
12...	2	5	1	10	1	5	.4	.3	30	20
13...	3	4	0	10	2	<5	.0	.1	20	24

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
12...	.00	.0	.0	0	.00	.7	.00	.0	.00	.0	.02	.00
13...	.00	.0	.0	0	.00	1.6	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
12...	.1	.00	<.1	.00	.00	.0	.00	.0	.00	.0	.00
13...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
12...	.00	.00	.00	.0	0	0	0	.00	.20	.00	.00
13...	.00	.00	.00	.0	0	0	0	.00	.03	.01	.01

294528091145200 - BERWICK BAY AT COE SITE NO. 03785

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
14...	1415	.31	84	44	144	20	5250	14	1900	.00
16...	1000	.25	300	278	284	22	12800	11	4600	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	0	12	2	1.0	2	0	0	<1	0	3
16...	0	17	0	1.0	0	0	0	<1	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	4	2	1	10	2	5	.0	.0	10	17
16...	4	3	1	10	1	10	.0	.0	0	25

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
14...	.00	.0	.0	0	.00	.8	.00	.2	.00	.0	.00	.00
16...	.00	.0	.0	0	.00	.4	.00	<.1	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
14...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
16...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
14...	.00	.00	.00	.0	0	0	0	.00	.02	.01	.01
16...	.00	.00	.00	.0	0	0	0	.00	.04	.01	.01

294250091131900 - BERWICK BAY AT COE SITE NO. 03765

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
14...	1400	.30	330	28	108	20	23400	11	9500	.00
16...	0930	.41	230	82	192	18	18000	12	5400	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	0	18	2	<1.0	2	4	0	<1	0	4
16...	0	21	2	1.0	1	0	0	<1	0	5

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	4	7	1	10	2	5	.0	.0	4	28
16...	3	6	2	10	2	10	.0	.1	0	26

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
14...	.00	.0	.0	1	.00	1.3	.00	.8	.00	1.2	.00	.00
16...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
14...	.3	.00	2.0	.00	.00	.0	.00	.0	.00	.0	.00
16...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
14...	.00	.00	.00	.0	0	0	0	.00	.03	.01	.01
16...	.00	.00	.00	.0	0	0	0	.00	.04	.01	.01

294117091123800 - BERWICK BAY AT COE SITE NO. 03782

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
14...	1300	.35	360	56	120	32	19500	14	9500	.00
16...	0830	.31	540	200	192	8	33400	8	9800	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	0	11	0	1.0	1	3	0	<1	0	8
16...	0	12	0	<1.0	0	3	0	<1	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	25	8	0	10	2	10	.0	.0	10	32
16...	4	12	1	20	1	10	.0	.0	0	33

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
14...	.00	.0	.0	0	.00	.2	.00	.0	.00	.0	.00	.00
16...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
14...	<.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
16...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
14...	.00	.00	≤00	.0	0	0	0	.00	.03	.01	.01
16...	.00	.00	≤00	.0	0	0	0	.00	.06	.01	.01

294158091125300 - BERWICK BAY AT COE SITE NO. 03780

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
14...	1330	.29	100	40	120	8	5630	12	1200	.00
16...	0900	.26	130	36	132	18	5430	11	1600	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	0	12	2	1.0	1	0	0	<1	0	4
16...	0	8	3	1.0	1	0	0	<1	0	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	2	2	1	10	2	5	.0	.0	10	16
16...	4	1	0	10	2	5	.0	.0	6	17

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
14...	.00	.0	.0	0	.00	.2	.00	.0	.00	.2	.00	.00
16...	.00	.0	.0	0	.00	.3	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
14...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
16...	<.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
14...	.00	.00	.00	.0	0	0	0	.00	.06	.01	.01
16...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

294108091125300 - BERWICK BAY AT COE SITE NO. 03781

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
14...	1445	.26	100	110	140	28	7750	13	2400	.00
16...	1345	.31	80	128	160	14	4730	25	1000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	0	12	1	<1.0	1	1	0	<1	0	1
16...	0	7	1	<1.0	1	0	0	<1	0	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	4	2	3	10	2	5	.1	.0	0	15
16...	5	2	1	10	0	5	.0	.0	6	12

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
14...	.00	.0	.0	0	.00	.0	.00	.2	.00	.3	.00	.00
16...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
14...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
16...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
14...	.00	.00	.00	.0	0	0	0	.00	.04	.01	.01
16...	.00	.00	.00	.0	0	0	0	.00	.04	.01	.01

294107091113800 - BERWICK BAY AT COE SITE NO. 03784

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
14...	1230	.30	130	104	124	18	9930	9	2200	.00
16...	0800	.41	260	62	96	8	17800	9	11000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOTTOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	0	18	1	<1.0	3	0	0	<1	0	4
16...	0	7	0	<1.0	0	0	0	<1	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	2	3	0	10	2	5	.0	.0	6	20
16...	8	5	0	10	0	5	.0	.1	10	21

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
14...	.00	.0	.0	0	.00	.2	.00	.1	.00	.2	.00	.00
16...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
14...	<.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
16...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
14...	.00	.00	.00	.0	0	0	0	.00	.06	.01	.01
16...	.00	.00	.00	.0	0	0	0	.00	.06	.01	.01

293928091143300 - BERWICK BAY AT COE SITE NO. 03783

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
14...	1330	.32	1300	244	48	18	53000	11	37000	.00
16...	1515	.21	700	24	88	12	30400	13	20000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	0	11	0	<1.0	0	3	0	<1	0	11
16...	0	10	1	1.0	0	4	0	<1	0	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
14...	7	20	0	20	1	15	.0	.1	10	57
16...	4	12	1	10	2	10	.0	.1	10	48

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
14...	.00	.0	.0	0	.00	2.1	.00	.7	.00	.0	.00	.00
16...	.00	.0	.0	0	.00	1.8	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
14...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
16...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
14...	.00	.00	.00	.0	11	0	0	.00	.04	.01	.01
16...	.00	.00	.00	.0	3	0	0	.00	.04	.01	.01

293856091234400 - BERWICK BAY AT COE SITE NO. 03721

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR. 16...	1130	.28	220	108	144	22	17700	10	8500	.00
MAY 21...	1350	.34	150	128	132	14	11600	12	3500	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR. 16...	0	26	2	<1.0	2	0	0	<1	0	5
MAY 21...	0	6	1	1.0	1	2	0	0	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR. 16...	6	5	1	20	0	10	.0	.0	10	24
MAY 21...	5	4	0	10	3	10	.0	.0	0	22

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR. 16...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
MAY 21...	.00	.0	.0	0	.00	.7	.00	.2	.00	.5	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR. 16...	.0	.00	.0	.00	.00	.0	.00	.0	.00	0	.00
MAY 21...	.2	.00	.0	.00	.00	.0	.00	.0	00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR. 16...	.00	.00	.00	.0	0	0	0	.00	.03	.01	.01
MAY 21...	.00	.00	--	.0	0	0	--	--	.05	.00	.00

293852091232600 - BERWICK BAY AT COE SITE NO. 03723

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN IN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
16...	1115	.66	400	42	68	6	21400	10	9500	.00
16...	1245	.26	270	50	132	22	17600	21	7400	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
16...	0	13	0	<1.0	1	0	0	<1	0	5
16...	0	5	2	<1.0	1	0	0	<1	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
16...	3	6	0	10	0	5	.0	.1	0	27
16...	3	6	1	20	1	10	.0	.0	8	28

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
16...	.00	.0	.0	3	.00	1.6	.00	.5	.00	.5	.00	.00
16...	.00	.0	.0	0	.00	1.1	.00	.4	.00	.5	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
16...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
16...	.2	.00	.2	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
16...	.00	.00	.00	.0	1	0	0	.00	.03	.01	.01
16...	.00	.00	--	.0	1	0	0	--	.03	.00	.00

294218089215300 - BRETON SOUND 12,000 FT NORTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
28...	1245	3.7	1000	24	28	16	33700	300	29000	.00
29...	1200	3.6	800	42	40	22	24300	590	24000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	0	9	1	1.0	0	6	0	0	10	7
29...	0	5	2	<1.0	0	4	0	0	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	9	8	2	10	2	15	.0	.0	10	31
29...	6	6	2	0	1	10	.1	.0	10	30

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY												
28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01	.00
29...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY											
28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
29...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY											
28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
29...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00

294201089220700 - BRETON SOUND 10,000 FT NORTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
28...	1230	3.6	790	24	12	24	33600	380	32000	.00
29...	1140	3.3	790	38	20	36	30300	570	24000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	0	0	1	1.0	0	8	0	0	10	7
29...	0	13	2	<1.0	0	6	0	1	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	2	8	2	0	0	15	.0	.0	10	32
29...	19	7	1	20	0	15	.0	.0	10	25

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY												
28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01	.00
29...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY											
28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
29...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY											
28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
29...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

294131089223400 - BRETON SOUND 6,000 FT NORTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
28...	1220	3.5	900	24	24	18	29700	520	28000	.00
29...	1130	3.4	900	46	36	24	30300	390	34000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	0	28	2	<1.0	0	7	0	0	10	6
29...	0	2	1	<1.0	0	8	0	0	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	4	8	1	0	1	15	.0	.0	20	30
29...	16	8	1	0	2	15	.0	.0	20	32

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY												
28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01	.00
29...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY											
28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
29...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY											
28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
29...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

294107089225400 - BRETON SOUND 3,000 FT NORTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
28...	1210	2.6	1500	48	19	16	49900	360	43000	.00
29...	1115	3.5	810	44	0	18	35900	390	28000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	0	11	--	1.0	0	8	0	0	0	8
29...	0	6	1	1.0	0	4	0	0	10	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	4	12	1	10	2	15	.0	.0	10	40
29...	4	8	2	10	3	10	.0	.0	10	30

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY												
28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01	.00
29...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY											
28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
29...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY											
28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
29...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

294056089230800 - BRETON SOUND 1,500 FT NORTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
28...	1200	1.5	1200	36	28	34	47400	350	38000	.00
29...	1050	3.8	1000	52	44	32	42600	450	38000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	0	2	1	1.0	0	4	0	0	10	8
29...	0	4	1	<1.0	0	5	0	0	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	3	12	2	10	2	15	.0	.0	10	41
29...	8	10	1	10	2	15	.0	.0	10	35

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY												
28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.04	.00
29...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY											
28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
29...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY											
28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
29...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

294027089233300 - BRETON SOUND 1,500 ft SOUTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
28...	1015	4.3	1900	44	20	4	66000	300	62000	.00
JUNE										
02...	1445	3.3	1400	34	24	24	54600	190	48000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	0	8	0	1.0	2	10	0	0	0	10
JUNE										
02...	0	4	1	1.0	0	9	0	1	0	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	3	19	1	20	2	25	.0	.0	10	56
JUNE										
02...	4	13	0	10	2	20	.1	.0	10	44

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY												
28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
JUNE												
02...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY											
28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
02...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY											
28...	.00	--	.00	.0	0	0	0	.00	.00	.00	.00
JUNE											
02...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

294016089234200 - BRETON SOUND 3,000 FT SOUTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY 28...	1040	5.0	1800	38	20	32	63200	270	55000	.00
JUNE 02...	1515	3.6	2200	30	16	14	77800	220	83000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY 28...	0	5	1	1.0	0	12	0	0	0	1
JUNE 02...	0	9	1	1.0	0	15	0	2	0	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY 28...	2	17	1	10	2	20	.0	.0	10	50
JUNE 02...	2	21	1	30	1	25	.0	.0	10	58

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY 28...	.00	.0	.0	0	.00	.0	.00	.0	.01	.0	.00	.00
JUNE 02...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.02	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY 28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE 02...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY 28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
JUNE 02...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

293952089240300 - BRETON SOUND 6,000 FT SOUTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY 28...	1050	3.6	1600	40	28	16	60300	240	57000	.00
JUNE 02...	1530	3.1	1600	36	24	12	66800	200	60000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY 28...	0	14	2	1.0	0	9	0	1	0	9
JUNE 02...	0	5	2	.1	0	8	0	0	0	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY 28...	4	15	5	10	1	20	.0	.0	20	47
JUNE 02...	5	17	2	20	3	20	.0	.0	20	50

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY 28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.10	.00
JUNE 02...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY 28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE 02...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY 28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
JUNE 02...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

293922089243000 - BRETON SOUND 10,000 FT SOUTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY 28...	1115	3.5	1600	32	44	8	60400	340	53000	.00
JUNE 02...	1545	3.6	1600	32	32	22	52400	270	47000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY 28...	0	15	1	1.0	0	10	0	0	10	8
JUNE 02...	0	2	2	<1.0	1	9	0	0	10	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY 28...	8	14	2	20	4	1	.0	.0	20	45
JUNE 02...	4	12	1	10	3	15	.0	.0	10	3

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY 28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.02	.00
JUNE 02...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY 28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE 02...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY 28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
JUNE 02...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

293904089244300 - BRETON SOUND 12,000 FT SOUTH OF MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAY										
28...	1130	3.6	1000	58	16	10	40400	280	31000	.00
JUNE										
02...	1600	2.8	1400	32	8	20	55000	100	42000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	0	15	1	<1.0	0	7	0	1	0	8
JUNE										
02...	0	6	1	<1.0	0	9	1	1	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAY										
28...	6	9	1	10	4	10	.0	.0	10	33
JUNE										
02...	5	13	1	20	2	10	.1	.0	20	36

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAY												
28...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.03	.00
JUNE												
02...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAY											
28...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
02...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAY											
28...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
JUNE											
02...	.00	.00	.00	.0	--	0	0	.00	.00	.00	.00

302703092591600 - CALCASIEU RIVER NEAR INDIAN VILLAGE (COE NO. 76134)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
06...	1430	.44	230	38	56	12	6470	29	5000	.00
06...	1530	.47	250	40	36	4	9560	22	7500	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
06...	0	26	1	<1.0	1	0	1	<1	0	0
06...	0	24	0	<1.0	0	0	1	<1	0	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
06...	2	1	1	<10	1	<5	.0	.1	30	4
06...	41	1	1	<10	1	<5	.0	.1	30	5

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
06...	.00	.2	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
06...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
06...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
06...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00
06...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00

301530093123200 - CALCASIEU RIVER AT SALT LOCK NR LAKE CHARLES (COE NO. 73460)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
06...	1145	.54	440	22	80	6	20000	31	22000	.00
06...	1300	.13	370	68	88	24	15200	38	12000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
06...	0	27	1	<1.0	1	1	1	<1	0	4
06...	0	31	1	<1.0	1	1	0	1	0	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
06...	6	5	2	10	1	5	2.3	.1	20	11
06...	5	5	2	10	1	5	.0	.1	30	10

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
06...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
06...	.00	.0	.0	0	.00	.4	.00	.0	.00	.0	.02	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
06...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
06...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
06...	.00	.00	.00	.0	0	0	0	.00	.02	.01	.00

301425093145000 - CALCASIEU RIVER (COE NO. 73535)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	0830	.72	2500	30	44	6	85700	150	70000	.00
06...	1135	.77	2100	36	56	12	70100	130	64000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	15	1	1.0	1	5	1	<1	0	15
06...	0	8	1	<1.0	0	5	0	2	0	18

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	5	12	4	20	1	10	.0	.1	30	38
06...	41	13	2	50	2	5	.2	.1	20	51

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	11	.00	.0	.00	.0	.00	.0	.00	.00
06...	.00	.0	.0	0	.00	.6	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	1.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.5	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00
06...	.00	.00	.00	.0	20	0	0	.00	.02	.00	.00

301305093151200 - CALCASIEU RIVER (COE NO. 73550)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	0930	.79	2100	30	44	2	98300	220	76000	.00
06...	1120	.60	1700	24	48	18	88500	120	67000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	3	1	1.0	1	5	0	1	10	36
06...	0	17	1	1.0	0	7	0	1	0	32

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	8	24	3	40	2	5	.2	.2	20	61
06...	90	25	4	50	2	10	.3	.2	40	63

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	.00
06...	--	.0	--	0	--	.0	--	.0	--	.0	.00	--

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.4	--	.0	.00	--	.0	--	.0	--	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00
06...	.00	.00	.00	--	5	--	0	.00	.00	.00	.00

301215093163600 - CALCASIEU RIVER (COE NO. 73551)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	0935	.85	1500	74	32	12	82600	180	59000	.00
06...	1110	.71	1600	24	40	8	84300	160	60000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	12	1	1.0	1	5	0	2	0	27
06...	0	10	1	1.0	1	4	0	1	10	30

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	5	26	1	50	3	10	.2	.4	30	61
06...	5	25	2	40	2	15	.0	.2	10	60

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	.00
06...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	20	0	0	.00	.02	.00	.00
06...	.00	.00	.00	.0	5	0	0	.00	.03	.02	.00

301055093182000 - CALCASIEU RIVER (COE NO. 96150)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	0940	.70	2400	10	16	2	94900	190	95000	.00
06...	1050	.77	2500	16	36	2	108000	90	110000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	19	2	1.0	0	6	0	4	0	74
06...	0	9	1	2.0	1	7	0	1	0	93

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	4	75	0	110	0	10	.1	2.0	20	72
06...	6	74	1	90	3	15	.0	9.0	10	86

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
06...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	2.8	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	3.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	23	0	0	.00	.02	.00	.00
06...	.00	.00	.00	.0	60	0	0	.00	.02	.00	.00

300721093195700 - CALCASIEU RIVER (COE NO. 73555)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	0955	1.1	1700	46	60	6	68100	96	67000	.00
06...	1045	1.3	2100	30	40	2	83900	160	60000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	9	2	1.0	1	6	1	3	0	26
06...	0	14	1	1.0	1	4	0	1	0	25

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	7	52	0	50	0	10	.1	.1	20	44
06...	41	29	2	40	3	10	.2	.4	10	59

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
06...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	5	0	0	.00	.02	.00	.00
06...	.00	.00	.00	.3	31	0	0	.00	.02	.00	.00

300525093192500 - CALCASIEU RIVER (COE NO. 73646)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1010	.63	2200	32	88	2	77000	230	63000	.00
06...	1025	.72	2500	56	80	0	87500	120	65000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	19	2	<1.0	0	5	0	2	0	17
06...	0	14	1	1.0	0	9	--	1	--	15

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	4	21	2	20	0	10	.1	.1	30	40
06...	--	18	--	30	--	10	--	.1	--	50

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
06...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.8	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.6	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
06...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00

300128093195200 - CALCASIEU RIVER (COE NO. 73600)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1030	.56	2300	4	96	4	81900	290	59000	.00
06...	1000	.57	2300	22	52	12	86800	320	60000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	6	2	<1.0	0	8	0	4	0	18
06...	0	6	2	1.0	1	8	0	1	10	15

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	3	23	2	30	0	15	.0	.1	30	56
06...	3	16	1	30	2	10	.2	.1	10	53

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	1.7	.00	.0	.00	.0	.02	.00
06...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.6	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.8	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	4	0	0	.00	.01	.00	.00
06...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00

295900093200500 - CALCASIEU RIVER (COE NO. 73647)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1100	.49	1900	34	92	12	73600	400	45000	.00
06...	0945	.61	2300	26	56	8	81500	450	57000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	15	2	<1.0	1	7	0	2	0	12
06...	0	8	1	1.0	1	9	2	<1	10	13

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	3	21	1	30	0	15	.1	.0	30	54
06...	6	15	0	20	2	10	.2	.1	30	53

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
06...	.00	.0	.0	0	.00	1.3	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.9	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	3	0	0	.00	.00	.00	.00
06...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00

295820093173500 - CALCASIEU RIVER (COE NO. 73654)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1355	.81	1000	42	60	12	39500	150	29000	.00
05...	1130	.82	870	74	100	4	36600	140	25000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	10	1	1.0	1	3	0	<1	10	7
05...	0	27	2	3.0	0	4	0	1	0	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	4	10	0	10	1	5	.2	.1	10	38
05...	7	11	3	20	6	10	.2	.1	30	42

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
05...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
05...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00
05...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

295631093201900 - CALCASIEU RIVER (COE NO. 73656)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1220	.54	1900	6	76	2	78400	190	47000	.00
06...	0930	.76	1900	16	40	2	73100	370	46000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	14	2	1.0	0	8	1	--	0	14
06...	0	6	0	1.0	0	8	1	2	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	7	21	2	30	5	15	.1	.0	70	56
06...	5	15	1	20	2	15	.2	.0	20	51

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.8	.00	.0	.00	.0	.00	.00
06...	.00	.0	.0	0	.00	1.3	.00	.0	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
06...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00
06...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00

295154093204300 - CALCASIEU RIVER (COE NO. 73657)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1240	.44	1800	180	200	26	62700	380	40000	.00
05...	1030	.56	2000	--	44	--	69200	450	56000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	8	2	<1.0	1	12	0	1	10	10
05...	0	7	2	1.0	0	8	0	1	20	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	4	16	2	20	0	10	.2	.1	40	51
05...	5	13	2	30	1	15	.0	.0	30	49

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	1.1	.00	.0	.00	.0	.00	.00
05...	.00	.0	.0	0	.00	.5	.00	.0	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.3	.00	.2	.00	.00	.0	.00	.0	.00	.0	.00
05...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00
05...	.00	.00	.00	.0	0	0	0	.00	--	--	--

295100093222500 - CALCASIEU RIVER (COE NO. 73651)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1315	.53	770	158	220	2	32100	430	23000	.00
05...	1050	.52	1070	36	48	18	47100	390	35000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	6	1	<1.0	1	5	0	2	0	5
05...	0	8	1	1.0	0	13	0	1	0	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	5	10	0	20	0	5	.0	.0	30	26
05...	12	14	2	10	2	20	.0	.2	40	47

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
05...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
05...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
05...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

295055093191000 - CALCASIEU RIVER (COE NO. 73652)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1250	.52	870	112	156	14	33900	630	25000	.00
05...	1115	.63	670	116	112	0	26200	160	17000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	11	1	1.0	0	6	0	<1	10	7
05...	0	10	2	2.0	1	3	0	2	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	3	8	0	10	2	5	.2	.0	20	39
05...	4	15	0	10	0	5	.1	.0	20	24

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
05...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
05...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
05...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00

294904093205200 - CALCASIEU RIVER (COE NO. 73658)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1430	.30	1100	92	196	12	48400	760	25000	.00
05...	1015	.44	1100	24	64	6	54700	310	28000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	9	2	1.0	1	8	0	1	20	9
05...	0	6	2	1.0	2	7	0	<1	10	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	4	19	1	20	0	20	.1	.0	20	49
05...	5	12	2	20	2	10	.2	.0	30	50

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.6	.00	.0	.00	.0	.01	.00
05...	.00	.0	.0	0	.00	2.3	.00	.8	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
05...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
05...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00

294630093204600 - CALCASIEU RIVER (COE NO. 73650)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1445	.31	580	50	172	16	47300	770	17000	.00
05...	0915	.62	730	42	100	36	43800	340	38000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	10	1	<1.0	1	2	0	2	10	6
05...	0	13	1	<1.0	0	7	0	2	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	4	18	1	20	0	10	.0	.0	20	36
05...	5	22	0	20	0	20	.0	.0	30	45

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
05...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
05...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
05...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

294310093200500 - CALCASIEU RIVER (COE NO. 96142)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
05...	1415	.39	1700	16	120	4	66500	980	38000	.00
05...	1700	.01	1400	34	128	4	57600	840	33000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
05...	0	7	1	<1.0	1	8	0	3	20	14
05...	0	7	2	<1.0	2	7	0	3	10	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
05...	4	22	1	30	1	10	.0	.0	30	59
05...	2	17	1	30	0	10	.0	.0	30	52

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
05...	.00	.0	.0	0	.00	1.3	.00	.0	.00	.0	.00	.00
05...	.00	.0	.0	0	.00	2.1	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR, EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
05...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
05...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
05...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
05...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

293620093190500 - CALCASIEU RIVER (COE NO. 96139)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
05...	1445	.00	340	18	148	8	32600	1100	11000	.00
05...	1600	.00	400	14	148	10	17900	1000	8200	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
05...	0	7	2	<1.0	1	6	0	2	20	9
05...	0	9	2	<1.0	1	2	0	2	20	5

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
05...	2	15	0	20	0	10	.1	.0	30	39
05...	1	9	1	10	0	5	.0	.0	20	24

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
05...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
05...	.00	.0	.0	0	.00	.1	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
05...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
05...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
05...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
05...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

300232089495500 - INTRACOASTAL WATERWAY EAST OF HARVEY CANAL, AT MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAR. 31...	1500	.38	1400	28	24	6	47900	56	42000	.00
APR. 08...	1600	.02	610	60	32	26	24800	59	19000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR. 31...	0	16	2	1.0	1	5	0	1	0	7
APR. 08...	0	6	2	1.0	1	2	0	1	10	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR. 31...	4	14	1	20	1	15	.2	.1	30	48
APR. 08...	3	6	2	10	1	10	.0	.2	40	23

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR. 31...	.00	.0	.0	0	.00	1.1	.00	.3	.00	.0	.00	.00
APR. 08...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR. 31...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
APR. 08...	.1	.00	.1	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR. 31...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
APR. 08...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00

924102090112200 - INTRACOASTAL WATERWAY WEST OF HARVEY CANAL, AT MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
26...	1030	.93	2700	96	56	0	--	35	110000	.00
27...	1315	.41	5800	54	96	20	127000	35	--	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	0	18	2	<1.0	1	8	0	<1	0	8
27...	0	29	1	<1.0	2	14	0	<1	0	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	4	19	0	20	3	15	.0	.0	10	52
27...	3	16	0	20	2	20	.0	.0	50	4

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
APR.											
26...	--	.0	--	0	--	3.3	--	.7	--	.0	--
27...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
APR.											
26...	--	.1	--	.0	.00	.00	.0	.00	.0	.00	.0
27...	.00	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.										
26...	.00	.00	.00	.0	6	0	0	.00	.00	.00
27...	.00	.00	.00	.0	0	0	0	.00	.00	.06

300448089453500 - INTRACOASTAL WATERWAY EAST OF HARVEY CANAL, AT MILE 25

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAR. 31...	1515	.57	1500	58	56	34	54000	43	71000	.00
APR. 08...	1630	.25	2800	36	32	8	122000	52	140000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR. 31...	0	18	1	1.0	1	15	1	1	0	4
APR. 08...	0	3	2	1.0	1	16	0	1	10	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR. 31...	4	8	1	10	1	15	.0	.1	40	23
APR. 08...	5	18	0	20	0	20	.0	.0	30	46

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR. 31...	.00	.0	.0	0	.00	1.1	.00	.3	.00	.0	.00	.00
APR. 08...	.00	.0	.0	0	.00	1.2	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR. 31...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
APR. 08...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR. 31...	.00	.00	.00	.0	0	0	--	.00	.00	.00	.00
APR. 08...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

300703089412300 - INTRACOASTAL WATERWAY EAST OF HARVEY CANAL, AT MILE 30

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL KJEL. NITRO-GEN (N) (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAR.										
31...	1535	2100	.23	42	24	30	78600	41	66000	.00
APR.										
08...	1650	920	.26	34	54	7	5490	39	6200	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
31...	0	20	2	1.0	3	0	0	2	0	0
APR.										
08...	0	1	1	1.0	1	9	1	1	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
31...	4	2	0	10	0	5	.0	.1	20	4
APR.										
08...	2	10	1	10	1	10	.0	.1	40	27

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
31...	.00	.0	.0	0	.00	.4	.00	.0	.00	.0	.00	.00
APR.												
08...	.00	.0	.0	0	.00	1.3	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
31...	.1	.00	.1	.00	.00	.0	.00	.0	.00	.0	.00
APR.											
08...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
31...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
APR.											
08...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

293420090230200 - INTRACOASTAL WATERWAY WEST OF HARVEY CANAL, AT MILE 35

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
26...	1100	.01	2000	70	104	32	56800	20	64000	.01
27...	1215	.01	2400	78	84	24	71900	17	91000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	0	16	1	<1.0	2	8	0	<1	0	10
27...	0	13	0	<1.0	1	10	0	<1	10	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	6	22	0	50	3	20	.0	.1	6	77
27...	4	23	2	50	2	20	.1	.1	0	79

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
APR.											
26...	--	.0	--	7	--	6.8	--	.8	--	.0	--
27...	.00	.0	.0	14	.00	4.3	.00	.0	.00	.0	.01

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
APR.											
26...	--	.3	--	.0	--	--	.0	--	.0	--	.0
27...	.00	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.										
26...	--	--	--	--	32	--	0	.00	.00	.15
27...	.00	.00	.00	.0	86	0	0	.00	.00	.03

293324090264200 - INTRACOASTAL WATERWAY WEST OF HARVEY CANAL, AT MILE 40

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
26...	1145	.22	3300	76	92	50	84200	20	110000	.01
27...	1150	.13	3100	80	84	0	86100	15	110000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	0	12	0	1.0	1	12	0	<1	10	11
27...	0	15	0	1.0	1	11	0	<1	0	13

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	4	23	0	30	3	20	.0	.0	6	70
27...	3	42	0	30	3	20	.0	.0	6	64

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
APR.											
26...	.00	.0	.0	5	.00	1.4	.00	.0	.00	.0	.00
27...	.00	.0	.0	7	.00	2.7	.00	.0	.00	.0	.02

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)
APR.										
26...	.00	.1	.00	.0	.00	.00	.0	.00	.0	.00
27...	.00	.5	.00	.0	.00	.00	.0	.00	.0	.00

DATE	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.										
26...	.0	.00	.00	.00	.0	35	0	.00	.00	.00
27...	.0	.00	.00	.00	.0	40	0	.00	.00	.00

293338090314100 - INTRACOASTAL WATERWAY WEST OF HARVEY CANAL, AT MILE 45

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
26...	1200	.01	3900	50	88	42	93400	22	120000	.01
27...	1130	.74	1900	58	92	16	87800	26	110000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	0	15	2	<1.0	1	16	0	<1	0	10
27...	0	13	1	1.0	0	14	0	<1	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	3	23	0	30	2	20	.0	.0	0	72
27...	2	23	0	30	2	25	.1	.1	4	70

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
APR.											
26...	.00	.0	.0	10	.00	2.4	.00	.0	.00	.0	.00
27...	.00	.0	.0	7	.00	1.8	.00	.0	.00	.0	.04

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
APR.											
26...	.00	1.2	.00	.0	.00	.00	.0	.00	.0	.00	.0
27...	.00	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.										
26...	.00	.00	.00	.0	83	0	0	.00	.00	.00
27...	.00	.00	.00	.0	56	0	0	.00	.00	.01

293435090362000 - INTRACOASTAL WATERWAY WEST OF HARVEY CANAL, AT MILE 50

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
26...	1220	.01	900	78	48	10	33800	15	35000	.01
27...	1045	.14	800	82	88	34	31300	13	34000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	0	20	1	<1.0	1	11	0	<1	0	8
27...	0	9	1	<1.0	1	6	0	<1	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	3	26	0	40	3	10	.0	.1	4	65
27...	6	30	0	20	2	15	.0	.1	0	52

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
APR.											
26...	.00	.0	.0	4	.00	.5	.00	.2	.00	.0	.02
27...	.00	.0	.0	--	.00	--	.00	--	.00	--	.03

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
APR.											
26...	.00	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0
27...	.00	<.1	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.										
26...	.00	.00	.00	.0	72	0	0	.00	.00	.02
27...	.00	.00	.00	.0	80	0	0	.00	.00	.02

293612090404500 - INTRACOASTAL WATERWAY WEST OF HARVEY CANAL, AT MILE 55

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
26...	1345	4.6	1000	86	108	24	75400	18	48000	.01
27...	1015	.55	1000	56	80	12	56000	15	74000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	0	18	0	<1.0	1	10	0	<1	0	6
27...	0	8	0	<1.0	1	11	0	<1	10	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
26...	3	10	0	60	2	10	.0	.1	4	73
27...	3	16	0	50	3	15	.1	.1	4	73

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)
APR.											
26...	.00	.0	.0	5	.00	2.6	.00	.3	.00	.0	.02
27...	.00	.0	.0	7	.00	2.0	.00	.0	.00	.0	.00

DATE	DI-ELDRIN (UG/L)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)
APR.											
26...	.00	.8	.00	.2	.00	.00	.0	.00	.0	.00	.0
27...	.00	.8	.00	.0	.00	.00	.0	.00	.0	.00	.0

DATE	MALA-THION (UG/L)	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.										
26...	.00	.00	.00	.0	40	0	0	.00	.00	.03
27...	.00	.00	.00	.0	87	0	0	.00	.00	.03

301036091195600 - INTRACOASTAL WATERWAY (PORT ALLEN TO MORGAN CITY), AT MILE 40

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
20...	1210	.51	1400	--	--	--	58300	13	52000	.00
20...	1325	.47	1300	18	16	2	56400	15	36000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	0	9	1	1.0	1	5	0	<1	0	8
20...	0	9	0	1.0	1	4	0	<1	0	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	5	20	0	30	1	15	.0	.1	0	62
20...	8	21	1	30	0	20	.0	.1	0	66

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
20...	.00	.0	.0	7	.00	2.8	.00	.4	.00	.3	.00	.00
20...	.00	.0	.0	5	.00	6.9	.00	1.0	.00	31	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
20...	.9	.00	.0	.00	.00	.0	.00	.1	.00	.0	.00
20...	1.5	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
20...	.00	.00	.00	.0	13	0	0	.00	.10	.00	.45
20...	.00	.00	.00	.0	8	0	0	.00	.08	.00	.49

301438091190400 - INTRACOASTAL WATERWAY (PORT ALLEN TO MORGAN CITY), AT MILE 45

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
20...	1140	.41	1200	19	44	6	54800	16	38000	.00
20...	1355	.37	1100	22	48	10	49300	17	34000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	0	6	0	1.0	3	4	0	<1	0	9
20...	0	15	1	<1.0	1	3	0	<1	0	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	6	18	0	20	1	15	.0	.1	0	67
20...	5	21	1	30	1	15	.0	.1	0	64

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
20...	.00	.0	.0	12	.00	4.5	.00	.4	.00	.0	.00	.00
20...	.00	.0	.0	11	.00	1.9	.00	.3	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
20...	.5	.00	.0	.00	.00	.0	.00	<.1	.00	.0	.00
20...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
20...	.00	.00	.00	.0	25	0	0	.00	.06	.00	.23
20...	.00	.00	.00	.0	46	0	0	.00	.05	.00	.21

30183809119400 - INTRACOASTAL WATERWAY (PORT ALLEN TO MORGAN CITY), AT MILE 50

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
20...	1115	.28	1300	100	116	14	53700	4	34000	.00
20...	1430	.39	1000	8	32	0	56800	12	40000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	0	17	0	1.0	1	4	0	<1	0	8
20...	0	9	0	1.0	1	6	0	<1	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	5	17	0	20	0	20	.0	.1	0	55
20...	4	27	1	20	1	20	.0	.1	0	71

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
20...	.00	.0	.0	9	.00	2.8	.00	.5	.00	.0	.01	.00
20...	.00	.0	.0	6	.00	1.6	.00	.4	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
20...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
20...	.6	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
20...	.00	.00	.00	.0	74	0	0	.00	.05	.00	.12
20...	.00	.00	.00	.0	25	0	0	.00	.03	.00	.15

302257091192500 - INTRACOASTAL WATERWAY (PORT ALLEN TO MORGAN CITY), AT MILE 55

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
20...	1050	.08	900	104	112	0	53800	11	22000	.00
20...	1455	.04	1300	100	112	0	63500	15	32000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	0	11	0	<1.0	2	15	0	1	10	12
20...	0	7	2	<1.0	2	3	0	1	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	2	23	0	30	2	25	.0	.1	6	77
20...	7	23	0	20	2	35	.0	.1	0	92

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
20...	.00	.0	.0	7	.00	2.0	.00	.2	.00	.4	.01	.00
20...	.00	.0	.0	6	.00	.8	.00	.7	.00	.5	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
20...	.6	.00	.0	.00	.00	.0	.00	<.1	.00	.0	.00
20...	.7	.00	.1	.00	.00	.0	.00	.1	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
20...	.00	.00	.00	.0	50	0	0	.00	.00	.00	.08
20...	.00	.00	.00	.0	82	0	0	.00	.02	.00	.07

302543091162400 - INTRACOASTAL WATERWAY (PORT ALLEN TO MORGAN CITY), AT MILE 60

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
20...	1020	.22	700	27	32	6	39600	4	20000	.01
20...	1515	.28	600	80	116	4	35000	8	19000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	0	9	1	<1.0	1	3	0	<1	0	5
20...	0	9	1	<1.0	1	8	0	<1	0	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
20...	3	14	1	20	1	15	.0	.0	0	50
20...	3	14	2	10	0	15	.0	.2	8	43

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
20...	.00	.0	.0	6	.00	1.9	.00	.3	.00	.7	.01	.00
20...	.00	.0	.0	11	.00	3.2	.00	1.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
20...	1.0	.00	.0	.00	.00	.0	.00	.1	.00	.0	.00
20...	1.9	.00	.4	.00	.00	.0	.00	.2	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
20...	.00	.00	.00	.0	15	0	0	.00	.02	.00	.01
20...	.00	.00	.00	.0	19	0	0	.00	.02	.00	.02

300732091192000 - INTRACOASTAL WATERWAY (PORT ALLEN TO MORGAN CITY), AT BAYOU SORREL LOCK

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
12...	1030	.26	300	64	52	6	12900	12	7400	.01
13...	1200	.20	350	88	68	30	14200	14	10000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
12...	0	5	2	<1.0	1	1	0	<1	0	5
13...	0	7	2	<1.0	0	0	0	<1	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
12...	2	5	0	20	2	10	.0	.1	10	24
13...	2	7	0	10	2	5	.0	.1	20	29

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
12...	.00	.0	.0	1	.00	1.6	.00	.6	.00	.9	.00	.00
13...	.00	.0	.0	0	.00	1.9	.00	.6	.00	.8	.05	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
12...	.3	.00	.2	.00	.00	.0	.00	.0	.00	.0	.00
13...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
12...	.00	.00	.00	.0	0	0	0	.00	.22	.00	.00
13...	.00	.00	.00	.0	1	0	0	.00	.15	.01	.01

291233090381300 - HOUMA NAVIGATION CANAL AT MILE 10 (COE NO. 99129)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
10...	1130	.35	2000	60	44	18	73800	370	64000	.00
10...	1545	.43	2300	48	28	14	84100	150	77000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
10...	0	5	2	1.0	1	12	0	1	0	12
10...	0	5	2	<1.0	1	13	0	1	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
10...	1	21	1	20	0	15	.0	.0	10	65
10...	2	20	1	20	2	15	1.0	.0	7	63

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
10...	.00	.0	.0	0	.00	.3	.00	.0	.00	.0	.00	.00
10...	.00	.0	.0	0	.00	1.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
10...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
10...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
10...	.00	.00	.00	.0	0	0	0	.00	.04	.00	.01
10...	.00	.00	.00	.0	0	0	0	.00	.03	.00	.01

291021090361300 - HOUMA NAVIGATION CANAL AT MILE 6 (COE NO. 99127)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
10...	1215	.29	1500	68	72	28	6220	920	47000	.00
10...	1510	.24	1010	54	60	10	44600	850	34000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
10...	0	5	1	<1.0	1	12	1	1	10	11
10...	0	4	1	1.0	1	7	0	<1	10	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
10...	1	20	2	20	1	15	.2	.1	50	62
10...	1	12	0	20	0	10	.2	.2	60	43

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
10...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
10...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
10...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
10...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
10...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
10...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

290522090335700 - HOUMA NAVIGATION CANAL AT MILE 0 (COE NO. 99123)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
10...	1245	.29	830	34	80	28	48500	690	31000	.00
10...	1430	.00	830	36	96	30	52300	720	31000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
10...	0	26	2	<1.0	1	10	1	2	20	9
10...	0	4	1	1.0	1	9	0	<1	0	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
10...	8	15	0	20	2	20	.1	.2	60	54
10...	2	17	1	20	1	5	.0	.2	50	53

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
10...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
10...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
10...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
10...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
10...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
10...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

290210090334600 - HOUMA NAVIGATION CANAL AT MILE 4 (COE NO. 99121)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
10...	1300	.25	520	24	120	16	37200	760	14000	.00
10...	1415	.16	360	34	104	0	33400	820	16000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
10...	0	3	1	1.0	1	5	1	1	10	6
10...	0	7	2	<1.0	1	6	1	1	20	10

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
10...	1	12	2	20	2	10	.2	.0	60	37
10...	1	15	1	20	0	20	.2	.1	50	58

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
10...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
10...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
10...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
10...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
10...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
10...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

305930091394800 - MISSISSIPPI RIVER AT OLD RIVER FOREBAY

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
03...	1615	.88	83	100	148	10	6350	15	1500	.00
03...	1700	.45	83	102	156	18	6800	22	2400	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
03...	0	31	1	<1.0	1	0	0	2	0	1
03...	0	20	1	<1.0	1	1	0	1	0	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
03...	5	1	0	10	0	<5	.1	.0	10	9
03...	2	1	0	10	0	5	.1	.0	10	9

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
03...	.00	.0	2.0	0	.00	.0	.00	.0	.00	.0	.00	.00
03...	.00	.0	1.2	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
03...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
03...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
03...	.00	.00	.00	.0	0	0	0	.00	.03	.01	.01
03...	.00	.00	.00	.0	0	0	0	.00	.02	.01	.01

302800091114800 - MISSISSIPPI RIVER AT MILE 231

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
11...	1015	.76	100	--	241	--	8340	17	6100	7.9	.00
23...	1630	.80	83	84	125	80	4690	14	400	7.3	.00

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
11...	0	53	2	1.0	0	4	4	1	0	4
23...	0	23	1	<1.0	1	2	1	1	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
11...	10	2	4	<10	2	15	.0	.0	30	14
23...	1	7	0	<10	0	7	.0	.0	10	7

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
23...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
23...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
23...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.01

303106091122000 MISSISSIPPI RIVER AT WILKINSON POINT

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1400	.33	830	106	152	8	5210	11	700	.00
04...	1445	.36	92	132	148	14	5820	17	1900	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	18	2	1.0	0	0	0	2	0	1
04...	0	13	2	1.0	1	0	0	2	0	1

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	3	7	0	<10	0	5	.1	.0	10	8
04...	4	8	1	<10	0	10	.1	.0	20	8

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
04...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.03	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
04...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	0	0	0	.00	.03	.01	.01
04...	.00	.00	.00	.0	0	0	0	.00	.03	.01	.01

303201091123300 - MISSISSIPPI RIVER AT BATON ROUGE HARBOR

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1200	.44	1300	34	84	20	48300	18	32000	.00
04...	1330	.53	1300	30	68	28	43700	23	33000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	25	3	<1.0	0	7	0	2	0	14
04...	0	18	2	<1.0	1	9	0	3	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	3	16	0	30	0	15	.1	.1	6	74
04...	4	17	1	30	0	15	.1	.1	10	70

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	.00	.0	.0	14	.00	5.8	.00	.0	.00	3.4	.00	.00
04...	.00	.0	.0	11	.00	3.4	.00	.0	.00	4.2	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	3.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
04...	2.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	26	0	0	.00	.04	.01	.01
04...	.00	.00	.00	.0	3	0	0	.00	.04	.01	.01

302540091121000 - MISSISSIPPI RIVER AT PORT ALLEN LOCK FOREBAY

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
04...	1530	.45	730	202	168	29	33200	21	22000	.00
04...	1615	.48	690	76	144	22	27000	25	21000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	0	17	3	1.0	0	5	1	2	0	7
04...	0	17	1	<1.0	1	4	0	2	0	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
04...	4	10	0	20	0	10	.1	.1	10	44
04...	3	10	0	30	0	10	.0	.1	6	40

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
04...	<.01	.0	.0	8	.00	5.6	.00	.0	.00	2.4	.10	.00
04...	.00	.0	.0	4	.00	3.7	.00	.0	.00	2.2	<.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
04...	1.8	.00	.5	.00	.00	.0	.00	<.1	.00	.0	.00
04...	1.2	.00	.5	.00	.00	.0	.00	<.1	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
04...	.00	.00	.00	.0	11	0	0	.00	.03	.01	.01
04...	.00	.00	.00	.0	9	0	0	.00	.02	.01	.01

302220091140800 - MISSISSIPPI RIVER AT MILE 224

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
11...	1230	.75	84	--	266	30	4020	19	1000	7.9	.01
23...	1530	.75	50	114	126	68	7240	18	500	5.7	.00

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
11...	0	14	10	.0	0	2	0	0	0	11
23...	0	30	2	1.0	4	6	0	1	10	5

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
11...	8	1	4	<10	2	5	.0	.0	10	11
23...	7	1	0	<10	0	7	.1	.0	20	6

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
23...	--	.0	--	0	--	.3	--	.0	--	.3	--	--
APR.												
06...	.00	--	.0	--	.00	--	.00	--	.00	--	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
23...	.0	--	.0	--	--	.0	--	.0	--	.0	--
APR.											
06...	--	.00	--	.00	.00	--	.00	--	.00	--	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
23...	--	--	--	--	0	--	0	--	--	--	--
APR.											
06...	.00	.00	.00	.0	--	0	--	.00	.02	.00	.00

301900091112500 - MISSISSIPPI RIVER AT MILE 212

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
12...	1200	.75	370	--	250	38	9240	15	3100	8.5	.00
23...	1430	.96	75	110	149	52	6710	10	800	8.4	.00

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
12...	0	9	3	1.0	0	3	0	0	0	15
23...	0	16	1	1.0	0	2	0	1	20	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
12...	110	2	9	<10	3	10	.0	.0	160	14
23...	4	1	1	<10	1	7	.0	.0	10	8

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
23...	--	.0	--	0	--	.0	--	.0	--	.0	--	--
APR.												
06...	.00	--	.0	--	.01	--	.00	--	.00	--	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
23...	.0	--	.0	--	--	.0	--	.0	--	.0	--
APR.											
06...	--	.00	--	.00	.00	--	.00	--	.00	--	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
23...	--	--	--	--	0	--	0	--	--	--	--
APR.											
06...	.00	.00	.00	.0	--	0	--	.00	.02	.01	.01

301645091091700 - MISSISSIPPI RIVER AT MILE 204

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
12...	1600	.79	76	--	162	6	4300	10	1100	7.1	.00
23...	1315	.79	84	126	147	66	9790	9	1100	6.5	.00

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
12...	0	23	3	<1.0	0	0	1	1	0	11
23...	0	40	1	1.0	4	2	0	--	10	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
12...	7	1	3	<10	9	5	.0	.0	30	8
23...	6	2	1	<10	1	5	.5	.0	6	9

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
23...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
23...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
23...	.00	.00	.00	.0	0	0	0	.00	.05	.01	.01

301400091074700 - MISSISSIPPI RIVER AT MILE 198

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
13...	0800	.24	260	152	209	30	4280	19	1000	7.0	.00
23...	1230	.66	55	56	158	34	7760	12	900	5.9	.00

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
13...	0	14	3	.0	1	0	0	1	0	13
23...	0	15	1	1.0	0	2	0	1	10	1

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
13...	4	1	0	<10	3	5	.0	.0	30	16
23...	8	2	2	<10	5	8	.2	.0	10	10

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
23...	--	0	--	0	--	.2	--	.0	--	.1	--	--
APR.												
06...	.00	--	.0	--	.00	--	.00	--	.00	--	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (1G/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
23...	<.1	--	.1	--	--	.0	--	.0	--	.0	--
APR.											
06...	--	.00	--	.00	.00	--	.00	--	.00	--	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
23...	--	--	--	--	0	--	0	--	--	--	--
APR.											
06...	.00	.00	.00	.0	--	0	--	.00	.02	.00	.00

301200091061500 - MISSISSIPPI RIVER AT MILE 190.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
13...	1130	.81	110	--	174	20	6780	18	2200	7.1	.00
23...	1100	.92	92	122	169	44	10200	16	700	7.8	.00

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
13...	0	24	3	2.0	0	1	1	2	0	16
23...	0	23	1	1.0	2	4	0	1	10	1

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
13...	7	1	4	<10	3	15	.0	.0	20	16
23...	8	1	0	<10	2	6	.0	.0	10	8

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
23...	--	0	--	0	--	.0	--	.0	--	.0	--	--
APR.												
06...	.00	--	.0	--	.00	--	.00	--	.00	--	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
23...	.0	--	.0	--	--	.0	--	.0	--	.0	--
APR.											
06...	--	.00	--	.00	.00	--	.00	--	.00	--	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
23...	--	--	--	--	0	--	0	--	--	--	--
APR.											
06...	.00	.00	.00	.0	--	0	--	.00	.02	.00	.00

301118091010800 - MISSISSIPPI RIVER AT MILE 184

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
13...	1515	.79	90	--	186	20	5380	14	2300	6.3	.01
23...	0930	.87	130	124	156	54	12300	16	1300	5.4	.00

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
13...	0	19	3	1.0	0	0	1	1	0	12
23...	0	9	1	.0	0	4	0	1	0	1

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
13...	8	2	3	<10	3	15	.0	.0	20	15
23...	6	2	2	<10	1	7	.0	.1	10	10

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
23...	--	.0	--	0	--	<.1	--	.0	--	.2	--	--
APR.												
06...	.00	--	.0	--	.00	--	.00	--	.00	--	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
23...	.0	--	.0	--	--	.0	--	.0	--	.0	--
APR.											
06...	--	.00	--	.00	.00	--	.00	--	.00	--	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
23...	--	--	--	--	0	--	0	--	--	--	--
APR.											
06...	.00	.00	.00	.0	--	0	--	.00	.00	.00	.00

285339089260800 - MISSISSIPPI RIVER AT MILE 175.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
14...	1030	.62	1400	--	185	48	54400	9	30000	10	.01
22...	1530	.55	83	132	177	60	9250	11	1300	7.0	.00

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
14...	0	22	3	1.0	0	5	0	2	0	40
22...	0	16	1	.0	0	0	0	1	--	3

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
14...	7	23	2	10	3	30	.0	.0	30	81
22...	6	1	0	0	0	8	.1	.0	10	10

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
22...	--	.0	--	0	--	.2	--	.0	--	.2	--	--
APR.												
06...	.00	--	.0	--	.00	--	.00	--	.00	--	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
22...	.0	--	.0	--	--	.0	--	.0	--	.0	--
APR.											
06...	--	.00	--	.00	.00	--	.00	--	.00	--	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
22...	--	--	--	--	0	--	0	--	--	--	--
APR.											
06...	.00	.00	.00	.0	--	0	--	.00	.02	.01	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

295918090480700 - MISSISSIPPI RIVER AT MILE 155.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
14...	1430	.66	300	--	238	46	5700	19	800	5.8	.02
23...	1300	.81	66	172	189	50	5490	17	1200	7.6	.00
JUNE											
10...	1245	.41	58	70	80	8	7090	10	970	--	.02
19...	1115	.31	150	350	368	30	6560	12	910	--	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
14...	0	17	3	1.0	0	1	0	2	0	10
23...	0	17	1	<1.0	2	3	0	0	10	2
JUNE										
10...	0	10	1	<1.0	1	1	2	0	0	3
19...	0	12	1	<1.0	3	1	0	0	0	3

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
23...	--	.0	--	0	--	.1	--	.0	--	.2	--	--
APR.												
06...	.00	--	.0	--	.00	--	.00	--	.00	--	.00	.00
JUNE												
10...	.00	.0	.0	0	.00	.4	.00	.0	.00	.3	.01	.01
19...	.00	.0	.0	0	.00	.0	.00	.0	.01	.0	.00	<.01

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
23...	.0	--	.0	--	--	.0	--	.0	--	.0	--
APR.											
06...	--	.00	--	.00	.00	--	.00	--	.00	--	.00
JUNE											
10...	.0	.01	.0	.00	.00	.0	.00	.0	.00	.0	.00
19...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
23...	--	--	--	--	0	--	0	--	--	--	--
APR.											
06...	.00	.00	.00	.0	--	0	--	.00	.02	.01	.01
JUNE											
10...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.01
19...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
14...	7	1	3	<10	3	5	.0	.0	30	11
23...	8	1	0	<10	1	7	.1	.0	10	8
JUNE										
10...	4	1	2	<10	5	10	.0	.0	10	13
19...	6	1	0	10	1	10	.0	.0	0	11

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

295741090173600 - MISSISSIPPI RIVER AT MILE 116.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
15...	1000	.61	130	--	216	10	4420	13	800	7.2	.01
22...	0930	.86	88	116	188	54	8590	10	800	6.2	.00
JUNE											
10...	1715	.94	140	128	152	14	5700	13	1100	--	.01
19...	0800	.47	100	262	288	34	7750	13	800	--	.01

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
15...	0	25	2	1.0	0	0	0	2	0	17
22...	0	9	1	<1.0	0	0	0	1	0	1
JUNE										
10...	0	24	2	<1.0	1	2	0	0	0	3
19...	0	12	2	1.0	1	2	0	0	0	3

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
22...	.00	.0	.0	0	.00	.0	.00	.0	<.01	.0	.00	.00
JUNE												
10...	.00	.0	.0	0	.01	.0	.00	.0	.00	.0	.01	.01
19...	.00	.0	.0	0	<.01	.0	.00	.0	.01	.0	.01	.01

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
22...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
10...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
19...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
22...	.00	.00	.00	.0	0	0	0	.00	.02	.01	.01
JUNE											
10...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00
19...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
15...	5	2	3	<10	3	5	.0	.0	30	12
22...	9	1	0	<10	2	4	.0	.0	20	6
JUNE										
10...	5	1	0	10	4	10	.0	.0	0	14
19...	6	1	0	10	2	15	.0	.1	0	15

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

295649090034100 - MISSISSIPPI RIVER AT POYDRAS ST. WHARF, AT NEW ORLEANS, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAR.										
16...	1345	.38	140	--	383	24	8970	15	1700	.01
21...	0930	.75	150	104	151	92	18000	10	4400	.00
JUNE										
11...	1405	.70	1500	76	116	12	53700	10	31000	.02
18...	1100	.67	600	362	416	16	28600	11	12000	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
16...	0	27	3	1.0	0	0	0	0	0	12
21...	0	33	1	1.0	2	5	0	1	10	2
JUNE										
11...	0	14	1	<1.0	1	10	0	2	0	20
18...	0	17	3	1.0	2	2	1	1	0	8

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
21...	.00	.0	.0	0	.00	2.1	.00	.0	.01	.7	.00	.00
JUNE												
11...	.00	.0	.0	10	<.01	6.7	.00	2.1	.01	14	<.01	.01
18...	.00	.0	.0	3	.00	5.9	.00	.0	.00	3.4	.00	.01

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
21...	2.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
11...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
18...	1.1	.00	.4	.00	.00	.0	.00	.3	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
21...	.00	.00	.00	.0	12	0	0	.00	.02	.01	.01
JUNE											
11...	.00	.00	.00	.0	40	0	0	.00	.02	.00	.02
18...	.00	.00	.00	.0	5	0	0	.00	.00	.00	.00

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
16...	10	2	4	10	2	10	.0	.0	30	15
21...	5	3	0	10	2	9	.1	.0	20	15
JUNE										
11...	3	27	0	40	3	35	.0	.4	0	83
18...	4	9	0	20	2	15	1.0	.1	0	37

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

295443090060300 - MISSISSIPPI RIVER AT NAPOLEON ST. WHARF, AT NEW ORLEANS, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
15...	1340	.74	80	--	204	24	6700	10	1500	7.8	.00
21...	1400	.76	76	204	217	72	10500	18	900	4.4	.00
JUNE											
11...	1020	.52	73	80	104	48	9440	5	500	--	.02
18...	1205	.64	98	252	312	10	5910	11	950	--	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
15...	0	24	3	<1.0	0	0	1	0	0	11
21...	0	19	2	1.0	--	2	0	1	6	2
JUNE										
11...	0	33	2	1.0	1	1	0	0	0	3
18...	0	21	2	1.0	3	2	0	0	0	3

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
21...	.00	.0	.0	0	.00	.0	.00	.0	.01	.0	.00	.00
JUNE												
11...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	<.01	<.01
18...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.20	.01

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
21...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
11...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
18...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
21...	.00	.00	.00	.0	0	0	0	.00	.01	.01	.01
JUNE											
11...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00
18...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
15...	7	2	3	<10	4	10	.0	.0	30	11
21...	5	1	2	<10	1	8	.0	.0	7	12
JUNE										
11...	5	1	0	<10	5	10	.4	.0	0	12
18...	4	1	0	10	1	10	.1	.0	0	22

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

295500090050700 - MISSISSIPPI RIVER AT LOUISIANA ST. WHARF, AT NEW ORLEANS, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
15...	1500	.64	96	188	192	54	11700	11	1200	8.4	.00
21...	1130	.66	76	170	157	58	11100	11	650	4.3	.00
JUNE											
11...	1100	.67	73	154	172	0	14200	9	800	--	.02
18...	1155	.69	800	176	220	--	29700	13	18000	--	.[illegible]

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
15...	0	21	3	1.0	0	1	0	0	0	12
21...	0	22	2	1.0	6	1	0	2	0	2
JUNE										
11...	0	19	1	1.0	1	5	0	1	0	3
18...	0	15	1	1.0	3	7	0	1	0	11

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
21...	.00	.0	.0	0	.00	.0	.00	.0	<.01	.0	.01	.00
JUNE												
11...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	1.2	.01
18...	.00	.0	.0	10	.00	6.6	.00	.0	.00	.0	<.01	.01

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
21...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
11...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
18...	.9	.00	.3	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
21...	.00	.00	.00	.0	0	0	0	.00	.02	.01	.01
JUNE											
11...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00
18...	.00	.00	.00	.0	7	0	0	.00	.00	.00	.00

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
15...	7	1	0	<10	2	5	.0	.0	30	17
21...	7	0	3	<10	1	8	.0	.0	0	10
JUNE										
11...	3	1	0	<10	5	10	.0	.0	0	15
18...	4	13	0	20	2	20	.1	.1	0	52

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

295438090050700 - MISSISSIPPI RIVER AT HARVEY LOCK FOREBAY, AT NEW ORLEANS, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
16...	0930	.31	820	122	179	24	31100	19	21000	8.2	.00
21...	1045	.71	560	119	146	18	32200	16	17000	6.5	.00
JUNE											
11...	1145	.38	1100	108	116	30	38600	5	27000	--	.02
18...	1145	.34	1500	158	224	12	46200	8	31000	--	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
16...	0	26	2	<1.0	1	2	0	2	0	7
21...	0	18	1	1.0	4	6	0	2	10	9
JUNE										
11...	0	4	2	<1.0	1	7	0	1	0	11
18...	0	17	2	1.0	0	10	0	1	0	14

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
21...	.00	.0	.0	4	.00	1.6	.00	.0	.00	.7	.00	.00
JUNE												
11...	.00	.0	.0	10	<.01	7.7	.00	.0	.01	1.8	.01	.01
18...	.00	.0	.0	5	.00	13	.00	2.9	.00	3.9	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
21...	.8	.00	.4	.00	.00	.0	.00	.2	.00	.0	.00
JUNE											
11...	2.0	.00	.0	.00	.00	.0	.00	.2	.00	.0	.00
18...	2.0	.00	.2	.00	.00	.0	.00	.2	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
21...	.00	.00	.00	.0	3	0	0	.00	.02	.01	.01
JUNE											
11...	.00	.00	.00	.0	22	0	0	.00	.04	.01	.00
18...	.00	.00	.00	.0	12	0	0	.00	.00	.00	.00

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
16...	20	12	4	10	0	20	.0	.0	30	56
21...	6	7	2	<10	0	14	.0	.8	10	42
JUNE										
11...	3	17	2	30	6	20	.0	.1	0	59
18...	5	19	0	20	4	25	.1	.1	0	68

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

295708090034300 - MISSISSIPPI RIVER AT BIENVILLE ST. WHARF, AT NEW ORLEANS, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL, NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
16...	1330	.96	560	186	206	60	22200	14	13000	9.9	.00
21...	0845	.65	980	188	186	70	42300	12	22000	9.9	.00
JUNE											
11...	1425	.65	1000	110	116	2	34500	10	16000	--	.02
18...	1000	.47	100	116	188	14	12700	7	2700	--	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
16...	0	20	2	1.0	3	3	0	3	0	17
21...	0	21	2	<1.0	2	9	0	3	20	17
JUNE										
11...	0	19	1	<1.0	1	7	0	1	0	11
18...	0	8	0	1.0	2	3	0	0	0	4

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
21...	.00	.0	.0	20	.00	1.8	.00	.0	<.01	.0	.00	.00
JUNE												
11...	--	.0	--	0	--	.0	--	.0	--	.0	--	--
18...	.00	.0	.0	1	.00	1.8	.00	.0	.00	3.4	.01	.01

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
21...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
11...	.0	--	.0	--	--	.0	--	.0	--	.0	--
18...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
21...	.00	.00	.00	.0	14	0	0	.00	.00	.00	.00
JUNE											
11...	--	--	--	--	0	--	0	--	--	--	--
18...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
16...	10	10	6	10	2	15	.1	.0	20	50
21...	4	14	0	30	0	17	.0	.1	10	58
JUNE										
11...	4	14	0	20	4	20	.0	.2	10	60
18...	5	3	0	20	1	15	.0	.0	10	23

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

295612090033700 - MISSISSIPPI RIVER AT THALIA ST. WHARF, AT NEW ORLEANS, LA.

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
16...	1035	.44	120	206	261	70	37200	12	2500	--	.00
21...	1000	.62	110	130	175	50	12700	20	800	9.2	.00
JUNE											
11...	1320	.67	170	98	104	6	12300	11	1700	--	.02
18...	1110	.74	800	272	340	16	34800	12	27000	--	.01

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
16...	0	22	1	<1.0	4	4	1	2	0	4
21...	0	30	2	1.0	--	0	0	3	0	3
JUNE										
11...	0	19	1	<1.0	1	2	0	0	0	4
18...	0	16	1	<1.0	1	4	0	1	0	8

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
21...	.00	.0	.0	3	.00	1.0	.00	.0	.01	.9	.00	.00
JUNE												
11...	.00	.0	.0	0	<.01	.0	.00	.0	<.01	.0	.02	<.01
18...	.00	.0	.0	10	.00	6.0	.00	.0	.01	.0	.00	.01

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
21...	.2	.00	.2	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
11...	.0	.00	.0	.00	.00	.0	<.01	.0	.00	.0	.00
18...	1.6	.00	.5	.00	.00	.0	.00	.3	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
21...	.00	.00	.00	.0	4	--	0	.00	.02	.01	.01
JUNE											
11...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
18...	.00	.00	.00	.0	17	0	0	.00	.00	.00	.00

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
16...	6	2	2	10	0	10	.0	.0	7	15
21...	8	3	3	<10	2	9	.0	.0	0	13
JUNE										
11...	3	2	0	<10	2	10	.0	.0	0	26
18...	4	12	0	10	3	15	.1	.1	0	41

295730090013900 - MISSISSIPPI RIVER AT INDUSTRIAL LOCK FOREBAY

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
16...	1135	.42	1200	188	174	76	51400	13	29000	--	.00
20...	1745	.84	1000	168	195	84	58500	13	20000	5.4	.00
JUNE											
11...	1500	1.1	1400	118	120	12	56300	11	33000	--	.02
18...	0855	.74	1700	172	232	12	50800	8	30000	--	.01

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
16...	0	25	3	.0	1	4	0	3	0	18
20...	0	32	1	1.0	2	6	0	3	20	13
JUNE										
11...	0	21	2	.0	1	12	0	1	0	15
18...	0	5	2	1.0	3	10	0	2	0	13

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
16...	3	3	1	20	1	20	.0	.0	30	85
20...	11	15	3	20	1	15	.1	.0	20	52
JUNE										
11...	3	21	0	30	4	10	.0	.2	0	78
18...	5	21	1	30	2	25	.0	.1	0	75

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
20...	.00	.0	.0	18	.00	3.4	.00	.0	.00	.9	.00	.00
JUNE												
11...	.00	.0	.0	27	<.01	20	.00	.0	.01	5.4	<.01	<.01
18...	.00	.0	.0	7	<.01	11	.00	1.0	.01	1.8	.00	.01

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
20...	1.0	.00	1.3	.00	.00	.0	.00	.2	.00	.0	.00
JUNE											
11...	2.9	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
18...	3.8	.00	.6	.00	.00	.0	.00	.4	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
20...	.00	.00	.00	.0	4	0	0	.00	.02	.01	.01
JUNE											
11...	.00	.00	.00	.0	17	0	0	.00	.03	.00	.01
18...	.00	.00	.00	.0	40	0	0	.00	.00	.00	.00

295510089575600 - MISSISSIPPI RIVER AT ALGIERS LOCK FOREBAY

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
17...	0820	.57	1000	--	145	--	47400	14	27000	9.3	.00
20...	1600	.63	1100	368	554	64	45700	11	27000	5.5	.01
JUNE											
11...	1530	1.0	1300	68	100	10	46100	14	31000	--	.01
18...	0930	.86	1800	160	212	4	47400	10	30000	--	.01

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
17...	0	6	2	1.0	7	8	0	3	6	15
20...	0	25	2	.0	1	9	0	1	10	10
JUNE										
11...	0	17	2	.0	1	7	0	1	10	11
18...	0	19	3	1.0	1	11	0	1	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
17...	8	14	1	20	1	19	.0	.1	7	68
20...	7	14	0	10	1	13	.1	.1	10	49
JUNE										
11...	5	17	0	20	3	20	.0	.2	0	64
18...	20	19	0	30	1	25	.0	.1	0	70

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
20...	.00	.0	.0	13	.00	3.7	.00	.0	.00	2.4	.00	.00
JUNE												
11...	.00	.0	.0	4	.00	7.9	.00	.7	.00	12	.00	.00
18...	.00	.0	.0	6	.00	13	.00	3.2	.00	3.4	.00	.01

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
20...	1.5	.00	1.4	.00	.00	.0	.00	.3	.00	.0	.00
JUNE											
11...	2.2	.00	.2	.00	.00	.0	.00	.3	.00	.0	.00
18...	2.7	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
20...	.00	.00	.00	.0	5	0	0	.00	.02	.01	.01
JUNE											
11...	.00	.00	.00	.0	6	0	0	.00	.00	.00	.00
18...	.00	.00	.00	.0	23	0	0	.00	.00	.00	.00

290904089151700 - MISSISSIPPI RIVER AT MILE 0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	CYANIDE (CN) (MG/L)
MAR.										
19...	0930	--	76	--	--	--	9740	--	1100	--
20...	0830	--	85	--	--	--	9910	--	1100	--
JUNE										
13...	1145	.67	1600	112	104	20	53300	7	32000	.01
13...	1315	.62	120	90	136	6	5420	9	1900	.01

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
19...	0	--	--	1.0	--	2	--	1	--	2
20...	0	--	--	1.0	--	3	--	1	--	2
JUNE										
13...	0	13	2	1.0	13	2	0	1	0	19
13...	0	15	2	.0	2	2	0	0	0	4

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
19...	--	1	--	<10	--	9	--	.0	--	12
20...	--	2	--	<10	--	9	--	.0	--	12
JUNE										
13...	6	28	1	30	2	30	.1	.1	0	88
13...	4	1	0	10	2	1	.1	.0	0	17

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
20...	.00	.0	.0	0	.00	1.8	.00	.0	.00	.4	.00	.00
JUNE												
13...	.00	.0	.0	0	.00	.6	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
20...	8.0	.00	3.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
13...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
20...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
JUNE											
13...	.00	.00	.00	.0	21	0	0	.00	.00	.00	.00

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

290720089155200 - MISSISSIPPI RIVER AT MILE 2 BHP

WATER QUALITY DATA, WATER YEAR OCOTBER 1974 TO SEPTEMBER 1975

DATE	TIME	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	COD IN BOTTOM MA-TERIAL (MG/KG)
MAR.				
19...	1020	800	34900	21000
20...	0900	370	21600	11000
JUNE				
13...	1245	200	14600	6800
13...	1500	150	7150	1200

DATE	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/L)
MAR.					
19...	15	20	18	0.2	54
20...	24	70	12	.1	69
JUNE					
13...	4	10	10	.1	25
13...	1	10	25	.1	16

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.					
19...	0	1.0	4	2	16
20...	0	1.0	7	1	11
JUNE					
13...	0	<1.0	2	1	5
13...	0	<1.0	2	0	3

DATE	TIME	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/1)	TOTAL DI-ELDRIN (UG/L)
MAR.													
20...	0900	0.00	0.0	0.00	0	0.00	0.9	0.00	0.0	0.00	0.8	0.00	0.00
JUNE													
13...	1245	.00	.0	.00	0	.00	.8	.00	.0	.00	.0	.00	<.01
13...	1500	.00	.0	.00	0	.00	.0	.00	.0	.00	.0	<.01	<.01

DATE	DI-ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
20...	0.2	0.00	0.0	0.00	0.00	0.0	0.00	0.0	0.00	0.0	0.00
JUNE											
14...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
14	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
20...	0.00	0.00	0.00	0	0	0	0	0.00	0.01	0.01	0.01
JUNE											
14...	.00	.00	.00	6	0	0	0	.00	.00	.00	.00
14...	.00	.00	.00	0	0	0	0	.00	.00	.00	.00

290547089164300 - MISSISSIPPI RIVER AT MILE 4 BHP

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	TOTAL ORGANIC CARBON (C) (MG/L)	CYANIDE (CN) (MG/L)
MAR.											
19...	1100	--	63	--	--	--	4560	--	1600	--	--
20...	0930	.46	42	78	129	50	4670	8	800	8.8	.00
JUNE											
13...	1320	--	170	--	--	--	9510	--	2000	--	--
13...	1350	--	1200	--	--	--	52900	--	26000	--	--

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
MAR.										
19...	0	--	--	1.0	--	6	--	1	--	1
20...	0	6	1	1.0	4	4	0	1	10	2
JUNE										
13...	0	--	--	.0	--	2	--	0	--	2
13...	0	--	--	.0	--	12	--	1	--	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
MAR.										
19...	--	1	--	<10	--	6	--	.0	--	7
20...	6	0	2	<10	0	6	.0	.0	20	8
JUNE										
13...	--	2	--	10	--	5	--	.0	--	18
13...	--	22	--	40	--	25	--	.1	--	76

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
MAR.												
19...	.00	--	.0	--	.00	--	.00	--	.00	--	.00	.00
20...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
JUNE												
13...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
13...	.00	.0	.0	0	.00	1.2	.00	.0	.00	.0	.00	<.01

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
MAR.											
19...	--	.00	--	.00	.00	--	.00	--	.00	--	.00
20...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
JUNE											
13...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
13...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
MAR.											
19...	.00	.00	--	.0	--	0	--	--	.00	.01	.01
20...	.00	.00	--	.0	0	0	0	--	.00	.01	.01
JUNE											
13...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
13...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

290210089200601 - MISSISSIPPI RIVER AT MILE 10 BHP

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	COD IN BOTTOM MA-TERIAL (MG/KG)
JUNE				
14...	1215	1900	67000	37000
14...	1245	1400	46900	25000

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
JUNE						
14...	0	1.0	13	2	0	22
14...	0	1.0	8	1	0	13

DATE	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
JUNE						
14...	30	60	35	.2	20	96
14...	19	30	25	.2	20	63

DATE	TIME	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
JUNE													
14...	1215	--	0.0	--	10	--	3.1	--	0.0	--	0.0	--	--
14...	1230	--	.0	--	3	--	2.1	--	.0	--	.8	--	--
14...	1245	0.00	.0	0.0	8	0.00	2.1	0.00	.0	0.00	.0	0.00	<0.01
14...	1300	--	.0	--	27	--	1.8	--	.2	--	.6	--	--

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
JUNE											
14...	0.8	--	0.0	--	--	0.0	--	0.0	--	0	--
14...	.7	--	.0	--	--	.0	--	.0	--	0	--
14...	.8	0.00	.0	0.00	0.00	.0	0.00	.0	0.00	0	0.00
14...	.7	--	.2	--	--	.0	--	.0	--	0	--

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
JUNE											
14...	--	--	--	--	21	--	0	--	--	--	--
14...	--	--	--	--	7	--	0	--	--	--	--
14...	0.00	0.00	0.00	0.0	12	0	0	0.00	0.02	0.00	0.00
14...	--	--	--	--	13	--	0	--	--	--	--

285803089230300 - MISSISSIPPI RIVER AT MILE 15 BHP (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	LOSS ON IGNITION IN BOTTOM MATERIAL (MG/KG)	COD IN BOTTOM MATERIAL (MG/KG)	TOTAL CYANIDE IN BOTTOM MATERIAL (UG/G)	OIL AND GREASE IN BOTTOM MATERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MATERIAL (UG/G)
JUNE							
14...	1115	900	36500	18000	0	1.0	10
14...	1145	900	37000	19000	0	.0	6

DATE	TOTAL CADMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL CHROMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL COPPER IN BOTTOM MATERIAL (UG/G)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MATERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MATERIAL (UG/G)	TOTAL ZINC IN BOTTOM MATERIAL (UG/G)
JUNE							
14...	1	10	12	20	20	.1	48
14...	1	9	12	20	20	.1	49

DATE	TIME	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)	TOTAL DIAZINON (UG/L)	TOTAL DIELDRIN (UG/L)
JUNE													
14...	1115	--	0.0	--	5	--	3.9	--	1.1	--	12	0.00	--
14...	1130	--	.0	--	0	--	1.2	--	.0	--	1.1	--	--
14...	1145	0.00	.0	0.0	0	0.0	2.5	0.00	9.4	0.00	19	.01	<0.01
14...	1200	--	.0	--	0	--	.8	--	.0	--	.0	--	--

DATE	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL MALATHION (UG/L)
JUNE											
14...	1.2	--	0.4	0.00	--	0.0	--	0.0	--	0.0	0.00
14...	.3	--	.0	--	--	.0	--	.0	--	.0	--
14...	1.4	0.00	.5	.00	0.00	.0	0.00	.0	0.00	.0	.00
14...	.0	--	.0	--	--	.0	--	.0	--	.0	--

DATE	TOTAL METHYL PARATHION (UG/L)	TOTAL METHYL TRITHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MATERIAL (UG/KG)	TOTAL TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
JUNE											
14...	0.00	0.00	0.00	0.0	0	--	0	0.00	0.00	0.00	0.00
14...	--	--	--	--	0	--	0	--	--	--	--
14...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
14...	--	--	--	--	6	--	0	--	--	--	--

285339089260800 - MISSISSIPPI RIVER AT MILE 21 BHP

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	CYANIDE (CN) (MG/L)
JUNE										
14...	1030	.76	1900	0	68	0	51500	250	28000	.00
14...	1100	--	1100	--	--	--	51000	--	29000	--

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
JUNE										
14...	0	7	2	1.0	3	10	0	1	0	14
14...	0	--	--	1.0	--	14	--	0	--	17

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
JUNE										
14...	3	19	1	20	2	30	.1	.1	10	63
14...	--	20	--	20	--	25	--	.2	--	70

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
JUNE												
14...	.00	.0	13	13	3.4	3.4	1.4	1.4	2.0	.0	.00	.00
14...	.00	.0	.0	0	.00	4.5	.00	2.0	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
JUNE											
14...	2.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
14...	.8	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
JUNE											
14...	.00	.00	.00	17	17	0	0	.00	.00	.00	.00
14...	.00	.00	.00	.0	22	0	0	.00	.00	.00	.00

285237089260300 - MISSISSIPPI RIVER AT MILE 21.8 BHP

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM MA-TERIAL (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM MA-TERIAL (MG/KG)	CYANIDE (CN) (MG/L)
JUNE										
14...	0915	.21	1800	46	72	16	74900	310	36000	.00
14...	1015	--	1800	--	--	--	74800	--	36000	--

DATE	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM MA-TERIAL (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)
JUNE										
14...	0	4	2	1.0	2	17	1	1	0	23
14...	0	--	--	.0	--	17	--	1	--	22

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)
JUNE										
14...	4	28	0	40	6	35	.0	.1	20	92
14...	--	28	--	30	--	35	--	.1	--	92

DATE	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MA-TERIAL (UG/KG)	TOTAL DI-AZINON (UG/L)	TOTAL DI-ELDRIN (UG/L)
JUNE												
14...	.00	--	.0	--	5.8	--	1.8	--	1.4	--	.40	.00
14...	.00	.0	.0	0	.00	8.7	.00	2.5	.00	2.8	.00	.00

DATE	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	TOTAL ETHION (UG/L)	TOTAL HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL MALA-THION (UG/L)
JUNE											
14...	--	.00	--	.00	.00	--	.00	--	.00	--	.00
14...	.6	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	TOTAL METHYL PARA-THION (UG/L)	TOTAL METHYL TRI-THION (UG/L)	TOTAL PARA-THION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)	TOTAL SILVEX (UG/L)
JUNE											
14...	.00	.00	.00	2.4	--	0	--	.00	.00	.00	.00
14...	.00	.00	.00	.0	11	0	0	.00	.00	.01	.01

294936089360300 - MISSISSIPPI RIVER GULF OUTLET AT BAYOU LALOUTRE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAR.										
27...	0900	.65	2500	10	52	6	90400	370	98000	.00
31...	0815	.28	2900	14	30	4	98600	84	100000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
27...	0	19	1	1.0	0	7	0	1	10	8
31...	0	15	2	2.0	1	11	0	3	0	6

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
27...	5	15	1	20	1	15	.2	.0	30	49
31...	5	20	2	10	0	15	.0	.0	10	45

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
27...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
31...	.00	.0	.0	0	.00	1.1	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
27...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
31...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
27...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
31...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

294045089235100 - MISSISSIPPI RIVER GULF OUTLET AT MILE 20

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAR.										
27...	1015	.31	1600	25	57	9	74500	420	61000	.00
31...	0900	.27	1900	21	66	3	78000	420	63000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
27...	0	9	1	1.0	0	7	0	3	10	7
31...	0	7	2	1.0	2	10	0	3	10	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
27...	4	18	1	10	0	15	.0	.0	40	42
31...	3	18	0	30	0	15	.0	.0	20	46

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
27...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00
31...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
31...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
27...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
31...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

293758089195400 - MISSISSIPPI RIVER GULF OUTLET AT MILE 15

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAR.										
27...	1130	.37	1600	15	58	7	70100	440	49000	.00
31...	0945	.41	1600	20	112	4	57100	730	48000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR.										
27...	0	7	2	1.0	0	6	0	3	0	7
31...	0	14	2	1.0	1	7	0	3	10	9

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR.										
27...	4	15	0	20	1	15	.0	.0	40	38
31...	3	17	0	20	0	15	.0	.0	30	45

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR.												
27...	.00	.0	.0	0	.00	.3	.00	.0	.00	.0	.00	.00
31...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR.											
27...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
31...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR.											
27...	.00	.00	--	.0	0	0	0	--	.00	.00	.00
31...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

293515089155800 - MISSISSIPPI RIVER GULF OUTLET AT MILE 10

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
MAR. 31...	1030	.13	500	23	79	9	63600	610	44000	.00
APR. 08...	0845	.18	2000	540	32	10	69200	270	53000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
MAR. 31...	0	14	1	1.0	1	5	2	4	10	7
APR. 08...	0	9	2	1.0	1	11	0	1	10	8

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
MAR. 31...	4	14	1	10	0	15	.0	.0	60	37
APR. 08...	1	14	1	20	1	10	.0	.0	10	46

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
MAR. 31...	.00	.0	.0	0	.00	.7	.00	.0	.00	.0	.00	.00
APR. 08...	.00	.0	.0	0	.00	1.1	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
MAR. 31...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
APR. 08...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
MAR. 31...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00
APR. 08...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

293233089121300 - MISSISSIPPI RIVER GULF OUTLET AT MILE 5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
08...	0930	.19	830	28	32	8	34000	610	27000	.00
08...	1345	.22	1600	22	52	8	61400	450	45000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
08...	0	7	1	1.0	1	7	1	1	0	8
08...	0	4	1	1.0	1	10	1	1	0	12

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
08...	1	8	1	10	2	15	.4	.4	50	39
08...	16	15	2	20	1	15	.0	.2	50	58

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
08...	.00	.0	.0	0	.00	.5	.00	.0	.00	.0	.00	.00
08...	.00	.0	.0	0	.00	.5	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
08...	.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
08...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
08...	.00	.00	.00	.9	0	0	0	.00	.00	.00	.00
08...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

292943089073500 - MISSISSIPPI RIVER GULF OUTLET AT MILE 0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
08...	1015	.34	1300	16	20	4	56900	150	39000	.00
08...	1320	.34	1700	36	20	6	59300	150	40000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
08...	0	8	2	<1.0	1	11	1	1	0	14
08...	0	5	1	1.0	1	11	0	<1	0	7

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
08...	2	16	1	20	2	20	.1	.1	30	61
08...	1	13	1	10	2	10	.0	.1	40	46

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
08...	.00	.0	.0	0	.00	.8	.00	.4	.00	.2	.00	.00
08...	.00	.0	.0	0	.00	1.2	.00	.3	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
08...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
08...	.3	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
08...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00
08...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

292730089032200 - MISSISSIPPI RIVER GULF OUTLET AT MILE -5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
08...	1100	.30	1600	24	40	10	54100	180	41000	.00
08...	1300	.26	1600	16	36	4	58000	140	44000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
08...	0	4	2	<1.0	1	12	0	1	0	14
08...	0	6	1	1.0	1	10	0	1	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
08...	1	14	2	20	1	15	.1	.1	0	59
08...	3	12	2	20	2	15	.0	.1	40	56

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
08...	.00	.0	.0	0	.00	1.7	.00	.5	.00	.0	.00	.00
08...	.00	.0	.0	0	.00	1.2	.00	.3	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
08...	.4	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
08...	.2	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
08...	.00	.00	.00	.3	0	0	0	.00	.02	.00	.00
08...	.00	.00	.00	.5	0	0	0	.00	.02	.00	.00

292534089593500 - MISSISSIPPI RIVER GULF OUTLET AT MILE -9.38

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
08...	1130	.34	780	22	20	6	42200	190	21000	.00
08...	1245	.32	800	18	44	0	42600	170	23000	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
08...	0	9	2	<1.0	1	7	0	1	10	--
08...	0	2	1	1.0	1	8	1	1	0	11

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
08...	3	8	2	20	1	10	.0	.1	20	38
08...	37	9	1	20	1	15	.1	.1	40	48

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
08...	.00	.0	.0	0	.00	.4	.00	.0	.00	.0	.00	.00
08...	.00	.0	.0	0	.00	.4	.00	.0	.00	.0	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
08...	<.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
08...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
08...	.00	.00	.00	.0	0	0	0	.00	.01	.00	.00
08...	.00	.00	.00	.0	0	0	0	.00	.00	.00	.00

310108091445300 - OLD RIVER LOCK TAILBAY

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
03...	0900	.81	120	92	132	0	3380	19	1600	.00
03...	1500	.88	210	108	128	8	13300	22	4600	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
03...	0	20	1	1.0	0	0	0	2	0	1
03...	0	32	2	1.0	1	2	1	1	0	2

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
03...	3	2	0	<10	0	5	.1	.0	10	8
03...	10	4	1	<10	0	5	.1	.0	10	13

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
03...	.00	.0	.0	0	.00	.3	.00	.0	.00	.3	.00	.00
03...	.00	.0	.0	0	.00	.8	.00	.0	.00	2.1	.00	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	E[illegible]ON (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
03...	<.1	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00
03...	.3	.00	.1	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L
APR.											
03...	.00	.00	.00	.0	0	0	0	.00	.02	.00	.00
03...	.00	.00	.00	--	0	--	0	.00	.04	.01	.01

311527091493800 - RED RIVER .25 MILE BELOW MOUTH OF BLACK RIVER

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	SUS-PENDED SOLIDS (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	LOSS ON IGNI-TION IN BOTTOM DE-POSITS (MG/KG)	CHEM-ICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L)	COD IN BOTTOM DE-POSITS (MG/KG)	CYANIDE (CN) (MG/L)
APR.										
03...	1300	.00	85	212	319	14	3330	26	660	.00
03...	1345	.51	84	252	364	12	2010	25	840	.00

DATE	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM IN BOTTOM DE-POSITS (UG/G)
APR.										
03...	0	21	2	<1.0	1	0	0	1	0	1
03...	0	23	2	<1.0	1	0	0	2	0	0

DATE	DIS-SOLVED COPPER (CU) (UG/L)	TOTAL COPPER IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED NICKEL (NI) (UG/L)	TOTAL NICKEL IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
APR.										
03...	12	1	0	10	0	<5	.1	.0	10	5
03...	4	1	1	10	0	<5	.1	.0	10	5

DATE	ALDRIN (UG/L)	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE (UG/L)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE (UG/L)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON (UG/L)	DI-ELDRIN (UG/L)
APR.												
03...	--	.0	--	0	--	.0	--	.0	--	.3	--	--
03...	.00	.0	.0	0	.00	.0	.00	.0	.00	.0	.01	.00

DATE	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION (UG/L)	HEPTA-CHLOR (UG/L)	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE (UG/L)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION (UG/L)
APR.											
03...	.0	--	.0	--	--	.0	--	.0	--	.0	--
03...	.0	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00

DATE	METHYL PARA-THION (UG/L)	METHYL TRI-THION (UG/L)	PARA-THION (UG/L)	PCB (UG/L)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE (UG/L)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION (UG/L)	2,4-D (UG/L)	2,4,5-T (UG/L)	SILVEX (UG/L)
APR.											
03...	--	--	--	--	0	--	0	--	--	--	--
03...	.00	.00	.00	.0	0	0	0	.00	.03	.00	.00

324204091145700 - OUACHITA RIVER AT OLD LOCK NO. 5 LOWER

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	1230	.22	100	.06	.03	11	36	18	8	.00	0	23

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	2	<1.0	0	1	1	1	0	10	.0	.0	0	3

324133091144600 - OUACHITA RIVER AT STERLINGTON

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	0900	.55	84	.07	.03	14	24	116	10	.00	0	9

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	1	<1.0	1	3	1	1	0	10	.0	.0	0	4

324100091135800 - OUACHITA RIVER AT UPPER GLENDORA SHOALS

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	0915	.35	100	.07	.02	28	16	41	14	.00	0	18

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	1	<1.0	1	1	0	2	0	10	.0	.0	0	4

324044091131600 - OUACHITA RIVER AT LOWER GLENDORA SHOALS

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	0925	.47	120	.06	.01	24	28	38	32	.00	0	22

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	1	1.0	1	1	1	1	0	10	.0	.0	0	3

3240300911122600 - OUACHITA RIVER AT YOUNGS SHOAL

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	0935	.67	100	.07	.04	12	40	16	14	.00	0	24

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	1	1.0	1	0	1	1	0	10	.0	.0	0	3

3239240911115200 - OUACHITA RIVER AT INTERSTATE PIPELINE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	0950	.54	100	.06	.02	15	20	39	7	.00	0	24

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	1	<1.0	1	0	0	0	0	10	.0	.0	0	3

323855091120000 - OUACHITA RIVER AT PACE LANDING

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	1100	.52	100	.07	.03	13	36	43	14	.00	0	25

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	1	1.0	1	1	1	1	0	.10	.0	.0	0	3

323814091121700 - OUACHITA RIVER AT PACE LAKE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	1200	.02	120	.08	.03	11	36	103	10	.00	0	22

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	1	<1.0	1	0	1	1	0	10	.0	.0	0	3

323609091134100 - OUACHITA RIVER AT WHITES LAKE

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED KJEL. NITRO-GEN (N) (MG/L)	TOTAL KJEL. NITRO-GEN IN BOTTOM DEP. (MG/KG)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOL-VED PHOS-PHORUS (P) (MG/L)	TOTAL PHOS-PHORUS IN BOT-TOM DE-POSITS (MG/KG)	SUS-PENDED SOLIDS (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)	VOL. NON-FILT-RABLE RESIDUE (MG/L)	CYANIDE (CN) (MG/L)	TOTAL CYANIDE IN BOTTOM DE-POSITS (UG/G)	PHENOLS (UG/L)
JUNE 10...	1130	.43	100	.07	.02	13	32	12	8	.00	0	27

DATE	OIL AND GREASE (MG/L)	OIL AND GREASE IN BOT-TOM DE-POSITS (MG/G)	DIS-SOLVED ARSENIC (AS) (UG/L)	TOTAL ARSENIC IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	TOTAL CADMIUM IN BOTTOM DE-POSITS (UG/G)	DIS-SO VED LEAD (PB) (UG/L)	TOTAL LEAD IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED MERCURY (HG) (UG/L)	TOTAL MERCURY IN BOTTOM DE-POSITS (UG/G)	DIS-SOLVED ZINC (ZN) (UG/L)	TOTAL ZINC IN BOTTOM DE-POSITS (UG/G)
JUNE 10...	1	<1.0	1	0	1	1	0	10	.0	.0	0	3

A series of bed samples for insecticide analysis was collected from the Mississippi River between mile 222 and 3.5, above Head of Passes (AHP). Following are the results of these analyses.

302046091141200 - MISSISSIPPI RIVER AT MILE 222.0 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	0800	.0	0	.2	.0	.0	.0	.0	.0	.0
19...	1545	.0	0	.0	.0	.0	.0	.1	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	<1	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	1	0	.0

302046091141201 - MISSISSIPPI RIVER AT MILE 222.0 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	0810	.0	0	.1	.0	.3	.0	.0	.0	.0
19...	1550	.0	0	.4	.0	.7	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

301745091134400 - MISSISSIPPI RIVER AT MILE 208.8 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	0845	.0	5	2.6	.0	3.9	.0	.9	.0	.0
19...	1455	.0	0	.5	.0	1.3	.0	.1	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	--	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

301104090065900 - MISSISSIPPI RIVER AT MILE 191.1 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	1000	.0	0	.0	.0	.0	.0	.1	.0	.0
19...	1400	.0	4	2.5	.0	2.7	.0	.6	.2	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	8	0	.0

301243090040400 - MISSISSIPPI RIVER AT MILE 187.5 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	1015	.0	0	3.0	7.0	1.9	.0	.0	.0	.0
19...	1350	.0	0	.4	.0	1.2	.0	.2	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	4	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	3	0	.0

301243090040401 - MISSISSIPPI RIVER AT MILE 187.5 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	1010	.0	0	.0	.0	.0	.0	.0	.0	.0
19...	1345	.0	0	.0	.0	.0	.0	.1	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

300649090542400 - MISSISSIPPI RIVER AT MILE 175.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1040	.0	0	.0	.0	.0	.0	.0	.0	.0
19...	1240	.0	0	.0	.0	.0	.0	.2	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

295851090490900 - MISSISSIPPI RIVER AT MILE 156.4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1215	.0	3	2.3	1.2	.0	.0	.9	.0	.0
19...	1125	.0	1	1.7	.0	1.8	.0	.6	.2	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	5	0	.0
19...	.0	<.1	.0	.0	.0	.0	.0	7	0	.0

300050090454900 - MISSISSIPPI RIVER AT MILE 152.2

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1315	.0	0	.5	.0	.4	.0	.1	.0	.0
19...	1100	.0	3	1.7	.0	.0	.0	.1	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

300208090411700 - MISSISSIPPI RIVER AT MILE 147

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1340	.0	0	.3	.0	.8	.0	.0	.0	.0
19...	1040	.0	0	.5	.0	1.0	.0	.0	.2	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOT-TOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOT-TOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

300229090360700 - MISSISSIPPI RIVER AT MILE 141.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1350	.0	12	9.7	6.4	2.7	.0	1.4	.0	.0
19...	1025	.0	5	2.4	.0	.6	.0	1.0	.2	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOT-TOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOT-TOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	17	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	14	0	.0

300305090342600 - MISSISSIPPI RIVER AT MILE 139.3

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1410	.0	1	1.0	.2	1.7	.0	.0	.0	.0
19...	1005	.0	5	4.9	1.3	6.7	.0	.1	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOT-TOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOT-TOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	<1	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	14	0	.0

300249090322700 - MISSISSIPPI RIVER AT MILE 137.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1440	.0	0	.0	.0	.0	.0	.2	.0	.0
19...	0950	.0	0	3.5	.0	2.6	.0	1.2	.1	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	24	0	.0

300249090284800 - MISSISSIPPI RIVER AT MILE 133.0 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1520	.0	0	.2	.0	.2	.0	.0	.0	.0
19...	0940	.0	0	.0	.0	.0	.0	.0	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	<1	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	4	0	.0

300249090284801 - MISSISSIPPI RIVER AT MILE 133.0 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	1525	.0	0	.0	.0	.0	.0	.0	.0	.0
19...	0935	.0	0	.3	.0	.4	.0	.0	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	1	0	.0

295945090163400 - BONNET CARRE FOREBAY (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	1550	.0	0	.2	.1	.2	.0	.0	.0	.0
19...	0920	.0	0	.0	.0	.0	.0	<.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

295945090163400 - BONNET CARRE FOREBAY (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	1545	.0	1	2.3	.4	3.2	.0	.6	.0	.0
19...	0915	.0	0	.0	.0	.0	.0	<.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	8	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	4	0	.0

295907090241000 - MISSISSIPPI RIVER AT MILE 125.2

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	1615	.0	3	4.7	1.1	.0	.0	1.1	.2	.0
19...	0900	1.3	1	2.1	.6	4.0	.0	.7	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	6	0	.0
19...	.0	.0	.0	.0	.0	.0	.0	6	0	.0

295629090213000 - MISSISSIPPI RIVER AT MILE 120.6

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	1645	.0	0	.6	.0	.6	.0	.2	.0	.0
19...	0835	.0	2	1.8	.0	2.5	.0	.7	.2	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
19...	.0	.1	.0	.0	.0	.0	.0	9	0	.0

295702090094300 - MISSISSIPPI RIVER AT MILE 105.4

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
11...	0915	.0	8	5.5	1.4	2.0	.0	.8	.4	.0
19...	0735	.0	1	3.9	.0	5.5	.0	1.0	.3	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
11...	.0	.0	.0	.0	.0	.0	.0	17	0	.0
19...	.0	.1	.0	.0	.0	.0	.0	13	0	.0

295516090081900 - MISSISSIPPI RIVER AT MILE 102.95 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
11...	0940	.0	8	7.3	3.4	4.3	.0	8.0	.0	.0
18...	1235	--	9	7.2	.0	.7	.0	1.1	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
11...	.0	.0	.0	.0	.0	.0	.0	13	0	.0
18...	.0	.0	.0	.0	.0	.0	.0	17	0	.0

295516090081901 - MISSISSIPPI RIVER AT MILE 102.95 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
11...	0945	.0	0	.2	.0	.2	.0	.0	.0	.0
18...	1230	.0	0	.0	.0	.0	.0	.1	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
11...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
18...	.0	.0	.0	.0	.0	.0	.0	2	0	.0

295456090081000 - MISSISSIPPI RIVER AT MILE 101.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
11...	1005	.0	1	2.2	.3	3.1	.0	.5	<.1	.0
18...	1220	.2	12	7.4	2.7	.0	.0	2.2	.6	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
11...	.0	.0	.0	.0	.0	.0	.0	3	0	.0
18...	.0	3.0	.0	.0	.0	.0	.0	39	0	.0

295528090034800 - MISSISSIPPI RIVER AT MILE 96.7

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	0840	.0	5	4.2	5.5	.0	.0	1.2	.0	.0
18...	1045	.3	8	3.5	1.3	.0	.0	.6	.1	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	39	0	.0
18...	.0	.0	.0	.0	.0	.0	.0	22	0	.0

295611090032500 - MISSISSIPPI RIVER AT MILE 95.8

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	0910	.0	4	2.0	.0	.6	.0	.6	.2	.0
18...	1030	.0	11	7.2	3.0	.0	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	7	0	.0
18...	.0	.0	.0	.0	.0	.0	.0	67	0	.0

295622089595800 - MISSISSIPPI RIVER AT MILE 90.6 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	0925	.0	6	5.1	1.3	1.4	.0	1.9	.0	.0
17...	1740	.0	32	5.5	2.8	4.2	.0	3.2	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	11	0	.0
17...	.0	.3	.0	.0	.0	.0	.0	32	0	.0

295622089595801 - MISSISSIPPI RIVER AT MILE 90.6 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	0930	.0	0	.0	.0	.0	.0	.0	.0	.0
17...	1735	.0	0	2.3	.0	.0	.0	.3	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

295600089592500 - MISSISSIPPI RIVER AT MILE 89.9

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	0950	.0	5	6.3	.0	8.3	.0	1.1	.3	.0
17...	1720	.0	0	1.0	.0	2.1	.0	.4	.2	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	21	0	.0
17...	.0	.1	.0	.0	.0	.0	.0	0	0	.0

295528089573200 - MISSISSIPPI RIVER AT MILE 87.9

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
12...	1005	.0	7	3.0	.0	3.5	.0	.4	.0	.0
17...	1715	--	5	.0	.0	.0	.0	1.2	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	9	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	28	0	.0

295156089551400 - MISSISSIPPI RIVER AT MILE 81.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
12...	1050	.0	0	.0	.0	.0	.0	.0	.0	.0
17...	1700	.0	8	4.3	3.3	3.4	.0	1.1	.3	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.1	.0	.0	.0	.0	.0	0	0	.0

295106089584800 - MISSISSIPPI RIVER AT MILE 75.8

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
12...	1110	.0	9	3.2	.0	.6	.0	.4	.0	.0
17...	1625	.0	8	5.5	.0	.9	.0	.0	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOTTOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOTTOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	16	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	31	0	.0

294808090002400 - MISSISSIPPI RIVER AT MILE 71.9

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1140	.0	0	1.0	.0	.9	.0	.4	.0	.0
17...	1550	.0	3	4.5	.0	1.1	.0	.9	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	2	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	10	0	.0

294500090010000 - MISSISSIPPI RIVER AT MILE 68.8 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1200	.0	3	2.0	.0	.7	.0	.2	.0	.0
17...	1540	--	17	7.6	.0	1.7	.0	.5	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	10	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	75	0	.0

294500090010001 - MISSISSIPPI RIVER AT MILE 68.8 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1205	.0	0	.8	.0	.8	.0	.2	.0	.0
17...	1535	.0	0	.4	.0	.4	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	--	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

294122089581000 - MISSISSIPPI RIVER AT MILE 62.8 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1300	.0	2	3.1	.0	1.8	.0	.8	.0	.0
17...	1500	.0	0	.0	.0	.0	.0	1.1	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	21	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	2	0	.0

294122089581001 - MISSISSIPPI RIVER AT MILE 62.8 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1305	.0	0	.0	.0	.0	.0	.0	.0	.0
17...	1505	.0	0	.0	.0	.0	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

293849089571400 - MISSISSIPPI RIVER AT MILE 59.7 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1315	.0	0	.8	.0	1.3	.0	.1	.0	.0
17...	1435	.2	0	.0	.0	.0	.0	.6	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	<.1	.0	.0	.0	.0	.0	20	0	.0

293849089571401 - MISSISSIPPI RIVER AT MILE 59.7 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1320	.0	0	2.2	.7	2.9	.0	.4	.0	.0
17...	1440	.0	2	.8	.0	1.5	.0	.5	.1	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	11	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	4	0	.0

293530089493700 - MISSISSIPPI RIVER AT MILE 51.0 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1345	.0	2	2.2	.0	.8	.0	.6	.0	.0
17...	1410	.2	3	2.7	.0	1.7	.0	.9	.2	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	6	0	.0
17...	.0	.1	.0	.0	.0	.0	.0	28	0	.0

293530089493701 - MISSISSIPPI RIVER AT MILE 51.0 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
17...	1350	.0	0	.0	.0	.0	.0	.0	.0	.0
17...	1415	.0	0	.0	.0	2.6	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	2	0	.0

293437089480600 - MISSISSIPPI RIVER AT MILE 49.2

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1445	.0	2	2.2	.0	1.5	.0	.7	.0	.0
17...	1350	.0	6	2.2	.0	1.0	.0	.6	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	10	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

292630089360400 - MISSISSIPPI RIVER AT MILE 33.2 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1530	.0	0	.0	.0	.0	.0	.0	.0	.0
17...	1255	.0	0	.0	.0	.0	.0	.1	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

292630089360401 - MISSISSIPPI RIVER AT MILE 33.2 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1525	.0	0	.0	.0	.0	.0	.0	.0	.0
17...	1250	.0	0	.0	.0	.0	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

292629089360400 - MISSISSIPPI RIVER AT MILE 33.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1520	.0	5	5.3	.0	4.1	.0	1.9	.6	.0
17...	1245	.1	8	15	.0	.0	.0	.9	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	48	0	.0
17...	.0	.1	.0	.0	.0	.0	.0	28	0	.0

292352089355400 - MISSISSIPPI RIVER AT MILE 30.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1445	.0	2	2.2	.0	1.5	.0	.7	.0	.0
17...	1230	.0	0	.0	.0	.0	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	10	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

292332089353400 - MISSISSIPPI RIVER AT MILE 29.5 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1630	.0	2	2.1	.0	1.6	.0	.3	.0	.0
17...	1215	.0	4	1.8	.0	1.5	.0	.7	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	8	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	8	0	.0

292332089353401 - MISSISSIPPI RIVER AT MILE 29.5 (center

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1620	.0	0	.8	.0	.8	.0	.2	.0	.0
17...	1210	.0	4	3.0	.0	1.2	.0	.5	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	10	0	.0

292147089314800 - MISSISSIPPI RIVER AT MILE 25.2 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	1650	.0	4	5.6	.0	.7	.0	.7	.0	.0
17...	1140	.0	3	3.8	.0	.9	13	1.5	.3	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
10...	.0	.0	.0	.0	.0	.0	.0	26	0	.0
17...	.0	.1	.0	.0	.0	.0	.0	17	0	.0

292147089314801 - MISSISSIPPI RIVER AT MILE 25.2 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1645	.0	7	5.9	.0	1.0	.0	.2	.0	.0
17...	1135	.0	8	6.9	.0	.0	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	29	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	33	0	.0

292107089261100 - MISSISSIPPI RIVER AT MILE 18.6

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1705	.0	3	3.4	.0	1.3	.0	.6	.0	.0
17...	1115	.0	10	3.0	.7	1.6	.0	.6	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	25	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	13	0	.0

292136089155300 - MISSISSIPPI RIVER AT MILE 10.5 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1740	.0	5	4.8	.0	4.0	.0	1.0	.1	.0
17...	1025	.0	5	4.4	.0	2.9	.0	.9	.3	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	11	0	.0
17...	.0	.1	.0	.0	.0	.0	.0	17	0	.0

292136089155301 - MISSISSIPPI RIVER AT MILE 10.5 (center)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIAZINON IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	ETHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	1745	.0	0	.0	.0	.0	.0	.0	.0	.0
17...	1030	.0	0	.0	.0	.0	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	METHYL TRITHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	PCB IN BOTTOM DEPOSITS (UG/KG)	TOXAPHENE IN BOTTOM DEPOSITS (UG/KG)	TRITHION IN BOTTOM DEPOSITS (UG/KG)
JUNE										
12...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
17...	.0	.0	.0	.0	.0	.0	.0	0	0	.0

291214089160300 - MISSISSIPPI RIVER AT MILE 4.0 (near bank)

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
13...	1110	.0	8	3.7	.0	3.3	.0	1.4	.2	.0
13...	1620	.0	5	2.7	.0	2.1	.0	1.0	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOT-TOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOT-TOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
13...	.0	.0	.0	.0	.0	.0	.0	13	0	.0
13...	.0	.0	.0	.0	.0	.0	.0	12	0	.0

291214089160301 - MISSISSIPPI RIVER AT MILE 4.0 DEPTH

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
13...	1115	.0	3	3.0	.0	.7	.0	.4	.0	.0
13...	1625	.0	5	3.5	.0	.0	.0	.2	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOT-TOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOT-TOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
13...	.0	.0	.0	.0	.0	.0	.0	16	0	.0
13...	.0	.0	.0	.0	.0	.0	.0	19	0	.0

291155089162800 - MISSISSIPPI RIVER AT MILE 3.5 TO 4.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	ALDRIN IN BOTTOM DE-POSITS (UG/KG)	CHLOR-DANE IN BOTTOM DE-POSITS (UG/KG)	DDD IN BOTTOM DE-POSITS (UG/KG)	DDE IN BOTTOM DE-POSITS (UG/KG)	DDT IN BOTTOM DE-POSITS (UG/KG)	DI-AZINON IN BOTTOM DE-POSITS (UG/KG)	DI-ELDRIN IN BOTTOM DE-POSITS (UG/KG)	ENDRIN IN BOTTOM DE-POSITS (UG/KG)	ETHION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
13...	1130	.0	0	.0	.0	.0	.0	.1	.0	.0
15...	1615	.0	2	1.2	.0	.0	.0	.0	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM DE-POSITS (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOT-TOM DE-POSITS (UG/KG)	LINDANE IN BOTTOM DE-POSITS (UG/KG)	MALA-THION IN BOTTOM DE-POSITS (UG/KG)	METHYL PARA-THION IN BOT-TOM DE-POSITS (UG/KG)	METHYL TRI-THION IN BOT-TOM DE-POSITS (UG/KG)	PARA-THION IN BOTTOM DE-POSITS (UG/KG)	PCB IN BOTTOM DE-POSITS (UG/KG)	TOX-APHENE IN BOTTOM DE-POSITS (UG/KG)	TRI-THION IN BOTTOM DE-POSITS (UG/KG)
JUNE										
13...	.0	.0	.0	.0	.0	.0	.0	0	0	.0
15...	.0	.0	.0	.0	.0	.0	.0	44	0	.0

INSTANTANEOUS SUSPENDED-SEDIMENT DISCHARGE MEASUREMENTS, WATER YEAR 1975

MISSISSIPPI RIVER MAIN STEM

07374000 MISSISSIPPI RIVER AT BATON ROUGE, LA.

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
MAR.					
25...	1300	998000	523	1410000	43
APR.					
01...	1300	988000	293	782000	60
05...	1430	1180000	336	1070000	45
08...	1330	1220000	340	1120000	51
15...	1500	1210000	311	1020000	45
18...	1400	1220000	202	665000	61
21...	1230	1270000	261	895000	43
24...	1200	1110000	212	635000	53
28...	1200	997000	219	590000	59
MAY					
01...	1130	904000	335	818000	80
05...	1100	879000	345	819000	73
09...	1100	938000	363	919000	71
12...	1000	964000	290	755000	66
16...	1100	949000	212	543000	73
19...	1100	1000000	220	594000	61
23...	1100	907000	221	541000	59

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA.

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
MAR.					
27...	1430	149000	321	129000	75
31...	1430	150000	344	139000	69
APR.					
08...	1630	169000	292	133000	66
12...	1500	178000	858	412000	59
15...	1530	191000	340	175000	75
18...	0900	185000	335	167000	73
21...	1700	175000	285	135000	74
25...	1400	182000	254	125000	71
28...	1230	176000	274	130000	68
MAY					
01...	1430	158000	289	123000	76
06...	1230	144000	291	113000	77
12...	1800	145000	332	130000	78
16...	1500	129000	325	113000	73
19...	1400	143000	282	109000	76
23...	0845	152000	257	105000	74

INSTANTANEOUS SUSPENDED-SEDIMENT DISCHARGE MEASUREMENTS, WATER YEAR 1975--Continued

MISSISSIPPI RIVER DELTA--Continued

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA.

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
MAR.					
27...	1700	353000	461	439000	60
31...	1900	372000	457	459000	59
APR.					
08...	1500	430000	547	635000	52
12...	1100	446000	617	743000	52
15...	0930	472000	708	902000	50
18...	1330	498000	557	749000	47
21...	1330	488000	638	841000	43
25...	1100	439000	498	590000	47
28...	1700	439000	416	493000	52
MAY					
01...	0920	401000	454	492000	63
06...	1630	346000	398	372000	72
12...	1230	347000	452	423000	73
16...	1030	362000	409	400000	71
20...	1430	357000	362	349000	69

300722091275300 - ATCHAFALAYA RIVER BASIN BAYOU SORREL (LAT 30 07 22 LONG 091 27 53)

AUG., 1975					
27...	1300	2910	176	1380	91

300831091321200 - ATCHAFALAYA RIVER BASIN BAYOU CHENE (LAT 30 08 31 LONG 091 32 12)

AUG., 1975					
27...	1600	1350	130	498	95

301245091315500 - ATCHAFALAYA RIVER BASIN LITTLE TENSAS BAYOU (LAT 30 12 45 LONG 091 31 55)

AUG., 1975					
27...	1000	1190	159	509	93

302039091430600 - ATCHAFALAYA RIVER AT INTERSTATE 10 (LAT 30 20 39 LONG 091 43 06)

AUG., 1975					
27...	1000	12200	139	4680	91

302155091381900 - WHISKEY BAY PILOT CHANNEL AT INTERSTATE 10 (LAT 30 21 55 LONG 091 38 19)

AUG., 1975					
27...	1400	120000	151	47100	90

INSTANTANEOUS SUSPENDED-SEDIMENT, WATER YEAR 1975

MISSISSIPPI RIVER DELTA

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA.

DATE	TIME	SUS-PENDED SEDI-MENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
NOV.			
14...	0826	458	91
DEC.			
18...	0751	221	67
JAN.			
23...	0816	344	85
FEB.			
24...	0850	240	92
APR.			
02...	0825	316	80
MAY			
14...	0740	199	96
JUNE			
26...	0737	212	97
JULY			
16...	0750	53	94
AUG.			
15...	0810	145	85

07381000 BAYOU LAFOURCHE BELOW WEIR AT THIBODAUX, LA.

DATE	TIME	SUS-PENDED SEDI-MENT (MG/L)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
NOV.			
14...	0946	160	56
DEC.			
18...	0911	184	62
JAN.			
23...	0926	147	75
FEB.			
24...	1040	152	83
APR.			
02...	1007	176	84
MAY			
14...	0900	307	92
JUNE			
26...	0850	101	87
JULY			
16...	0835	44	84
AUG.			
18...	0947	91	82

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
PEARL RIVER BASIN					
02489500 PEARL RIVER NEAR BOGALUSA					
DEC. 4, 1974.....	16.0	--	JULY 16.....	25.5	8.1
MAY 20, 1975.....	22.5	--	AUG. 7.....	26.0	6.9
JUNE 11.....	23.5	--	SEPT. 25.....	22.0	8.9
02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA					
NOV. 7, 1974.....	15.0	9.8	APR. 29.....	20.0	8.2
NOV. 12.....	15.5	--	JUNE 4.....	22.0	--
NOV. 14.....	15.0	--	JULY 8.....	24.0	9.0
DEC. 4.....	7.0	--	JULY 15.....	23.5	8.7
JAN. 14, 1975.....	7.0	11.9	AUG. 14.....	24.0	9.2
FEB. 20.....	14.1	10.2	SEPT. 24.....	19.0	5.6
MAR. 25.....	16.0	10.2	SEPT. 30.....	20.0	--
02492000 BOGUE CHITTO NEAR BUSH					
NOV. 8, 1974.....	15.5	9.2	May 1.....	--	9.0
DEC. 5.....	13.5	10.1	July 8.....	--	8.2
JAN. 15, 1975.....	11.5	--	Aug. 13.....	26.0	7.3
FEB. 19.....	--	6.2	Sept. 24.....	19.0	8.5
MAR. 25.....	20.0	9.0			
RED RIVER BASIN					
07354000 LITTLE SANDY CREEK AT KISATCHIE					
NOV. 5, 1974.....	15.5	10.1	MAY 19.....	28.0	8.1
DEC. 11.....	11.0	10.2	JULY 1.....	28.0	7.7
JAN. 16, 1975.....	10.0	11.0	AUG. 14.....	26.0	8.7
FEB. 27.....	16.0	--	SEPT. 22.....	21.0	9.0
APR. 10.....	17.0	9.8			
07372200 LITTLE RIVER NEAR ROCHELLE					
NOV. 6, 1974.....	18.0	7.8	APR. 17.....	15.0	8.2
NOV. 26.....	13.0	6.9	MAY 22.....	22.0	6.3
DEC. 9.....	9.0	9.3	AUG. 13.....	26.0	6.3
JAN. 22, 1975.....	13.0	9.2	SEPT. 23.....	21.0	7.8
FEB. 28.....	11.5	8.7			
07373000 BIG CREEK AT POLLOCK					
NOV. 11, 1974.....	16.0	8.6	MAY 19.....	20.0	--
DEC. 9.....	8.0	10.4	JULY 11.....	23.0	7.6
JAN. 20, 1975.....	13.0	9.9	AUG. 14.....	24.0	7.2
MAR. 1.....	15.0	10.8	SEPT. 22.....	20.0	8.4
MISSISSIPPI RIVER DELTA					
07375000 TCHEFUNCTA RIVER NEAR FOLSOM					
NOV. 5, 1974.....	16.0	--	APR. 30.....	24.0	6.5
NOV. 12.....	15.0	9.0	JUNE 3.....	26.5	--
DEC. 3.....	9.5	--	JULY 7.....	25.0	6.4
DEC. 20.....	13.0	--	AUG. 13.....	24.0	7.9
JAN. 13, 1975.....	8.5	10.0	SEPT. 23.....	19.5	7.8
MAR. 26.....	18.0	8.2			
07375500 TANGIPAHOA RIVER NEAR ROBERT					
NOV. 5, 1974.....	20.5	8.0	APR. 30.....	23.0	7.6
DEC. 10.....	10.0	7.5	JUNE 5.....	27.0	7.5
DEC. 18.....	10.0	--	JULY 9.....	26.5	7.0
JAN. 15, 1975.....	9.0	9.4	AUG. 11.....	25.0	8.4
MAR. 27.....	18.0	8.0	SEPT. 23.....	21.0	10.0
07376000 TICKFAW RIVER AT HOLDEN					
NOV. 4, 1974.....	21.0	7.9	MAR. 28.....	19.0	7.8
DEC. 4.....	8.5	6.0	JUNE 10.....	23.0	7.2
DEC. 18.....	9.5	--	JULY 9.....	27.0	7.0
DEC. 19.....	10.0	--	AUG. 12.....	25.0	7.2
JAN. 17, 1975.....	10.5	9.8	SEPT. 23.....	21.0	10.2
FEB. 27.....	14.0	9.7			

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
		MISSISSIPPI RIVER DELTA--Continued			
		07376500 NATALBANY RIVER AT BAPTIST			
NOV. 4, 1974.....	22.5	7.6	June 10.....	25.0	7.2
DEC. 12.....	10.0	7.5	July 14.....	24.0	7.0
JAN. 14, 1975.....	8.0	10.4	Aug. 12.....	26.0	6.4
FEB. 25.....	14.0	9.3	Sept. 24.....	20.0	10.8
MAY 1.....	19.0	7.8			
		07377000 AMITE RIVER NEAR DARLINGTON			
DEC. 5, 1974.....	10.0	5.7	JUNE 6.....	25.0	7.5
JAN. 16, 1975.....	10.0	9.1	JULY 8.....	27.0	7.2
FEB. 21.....	15.0	--	AUG. 13.....	25.0	7.2
MAR. 25.....	20.0	8.0	SEPT. 25.....	19.0	10.0
APR. 29.....	22.5	8.5			
		07377500 COMITE RIVER NEAR OLIVE BRANCH			
NOV. 5, 1974.....	17.5	9.1	MAY 8.....	20.0	6.7
DEC. 13.....	11.5	9.6	JUNE 3.....	22.0	--
DEC. 16.....	13.0	9.2	JUNE 12.....	25.5	6.6
JAN. 14, 1975.....	8.5	12.2	JULY 8.....	27.0	8.2
FEB. 18.....	18.5	9.1	AUG. 12.....	25.0	7.4
MAR. 25.....	19.5	7.4	SEPT. 22.....	19.5	8.0
		07378000 COMITE RIVER NEAR COMITE			
NOV. 13, 1974.....	15.0	10.2	MAY 6.....	24.0	7.6
DEC. 20.....	19.0	9.0	JUNE 12.....	24.0	5.8
JAN. 16, 1975.....	11.0	10.6	JULY 7.....	29.0	8.6
FEB. 20.....	16.0	9.4	AUG. 13.....	26.0	7.1
FEB. 21.....	15.0	--	SEPT. 22.....	21.0	8.1
MAR. 27.....	18.0	9.0			
		07378500 AMITE RIVER NEAR DENHAM SPRINGS			
NOV. 12, 1974.....	16.0	9.0	MAY 15.....	22.5	7.5
DEC. 10.....	10.0	8.8	JUNE 5.....	27.0	7.0
JAN. 17, 1975.....	12.5	--	JULY 16.....	27.0	7.5
FEB. 26.....	15.0	9.3	AUG. 14.....	28.0	6.4
MAR. 24.....	21.0	7.4	SEPT. 23.....	20.0	8.8
		07380400 BAYOU LAFOURCHE AT DONALDSONVILLE			
OCT. 1, 1974.....	22.0	7.2	APR. 2.....	13.0	8.4
NOV. 26.....	12.5	--	JULY 30.....	28.0	--
FEB. 24, 1975.....	8.0	10.1			
		07381800 SPRING CREEK NEAR GLENMORA			
NOV. 5, 1974.....	17.5	8.5	MAY 2.....	19.0	7.8
NOV. 27.....	13.0	9.0	MAY 20.....	19.0	8.5
DEC. 13.....	11.0	9.4	JULY 8.....	23.0	9.4
JAN. 22, 1975.....	12.5	--	AUG. 14.....	23.5	--
APR. 7.....	15.5	10.4	SEPT. 25.....	18.0	8.2
APR. 24.....	19.0	8.1			
		07382000 BAYOU COCODRIE NEAR CLEARWATER			
NOV. 12, 1974.....	17.0	5.3	APR. 9.....	17.0	4.5
NOV. 29.....	12.5	7.3	MAY 27.....	25.0	--
DEC. 12.....	10.0	6.2	JULY 7.....	25.5	1.7
JAN. 13, 1975.....	9.0	7.6	AUG. 11.....	25.0	.6
FEB. 26.....	12.0	7.4	SEPT. 25.....	21.0	5.2
		07382500 BAYOU COURTABLEAU AT WASHINGTON			
NOV. 4, 1974.....	22.0	--	JUNE 5.....	25.5	--
DEC. 4.....	9.0	--	JULY 2.....	25.5	--
FEB. 20, 1975.....	14.0	--	AUG. 14.....	28.0	--
MAR. 27.....	19.5	--	SEPT. 24.....	21.5	--
MAY 1.....	21.0	--			
		07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE			
NOV. 14, 1974.....	15.0	.7	MAY 28.....	23.5	2.6
DEC. 12.....	11.0	6.4	JUNE 30.....	29.0	3.7
JAN. 21, 1975.....	13.0	6.8	AUG. 12.....	27.0	3.7
FEB. 25.....	11.0	6.2	SEPT. 25.....	20.0	5.8
APR. 9.....	19.0	6.5			

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
MERMENTAU RIVER BASIN					
08011500 BOGGY BAYOU NEAR PINE PRAIRIE					
NOV. 4, 1974.....	21.0	2.5	MAY 3.....	21.0	7.2
DEC. 11.....	15.5	9.1	JUNE 30.....	23.0	5.8
JAN. 13, 1975.....	8.5	11.4	JULY 10.....	29.0	--
FEB. 24.....	12.0	9.7	AUG. 14.....	28.0	4.6
APR. 7.....	17.5	--	SEPT. 22.....	20.5	--
CALCASIEU RIVER BASIN					
08013500 CALCASIEU RIVER NEAR OBERLIN					
NOV. 4, 1974.....	21.0	8.6	APR. 10.....	17.5	8.1
DEC. 11.....	14.0	10.2	JULY 1.....	23.5	7.2
JAN. 16, 1975.....	8.5	10.0	AUG. 14.....	26.0	6.4
FEB. 27.....	12.0	9.8	SEPT. 22.....	21.5	--
08014500 WHISKY CHITTO CREEK NEAR OBERLIN					
NOV. 27, 1974.....	12.0	9.6	APR. 10.....	17.0	9.5
DEC. 10.....	8.0	10.2	MAY 2.....	20.0	7.0
JAN. 15, 1975.....	9.0	9.8	JULY 3.....	23.0	7.7
FEB. 24.....	12.0	11.0	AUG. 13.....	24.0	6.6
FEB. 27.....	12.0	10.2	SEPT. 25.....	18.5	--
08014800 BUNDICK CREEK NEAR DE RIDDER					
NOV. 6, 1974.....	17.0	8.2	APR. 15.....	14.0	8.9
DEC. 10.....	8.0	9.3	JULY 2.....	22.0	7.0
JAN. 15, 1975.....	7.0	11.9	AUG. 13.....	25.0	6.6
FEB. 26.....	13.0	9.5	SEPT. 24.....	18.5	--
APR. 9.....	17.5	8.6			
08015500 CALCASIEU RIVER NEAR KINDER					
NOV. 8, 1974.....	16.5	--	APR. 4.....	12.0	--
DEC. 4.....	8.5	--	JULY 28	24.0	--
JAN. 17, 1975.....	9.5	--	SEPT. 26.....	20.0	--
FEB. 21.....	13.0	--			
08016400 BECKWITH CREEK NEAR DE QUINCY					
NOV. 6, 1974.....	16.5	--	JUNE 11.....	23.0	--
DEC. 2.....	5.0	--	JULY 21.....	26.0	--
JAN. 8, 1975.....	15.0	--	AUG. 18.....	26.0	--
APR. 3.....	13.0	--	SEPT. 29.....	17.0	--
APR. 28.....	21.0	--			
08016800 BEAR HEAD CREEK NEAR STARKS					
NOV. 6, 1974.....	16.0	--	APR. 28.....	22.0	--
DEC. 2.....	8.0	--	JUNE 11.....	23.0	--
JAN. 8, 1975.....	16.0	--	JULY 21.....	26.0	--
JAN. 16.....	12.0	--	AUG. 18.....	26.0	--
FEB. 18.....	16.5	--	SEPT. 29.....	20.0	--
APR. 3.....	15.0	--			
SABINE RIVER BASIN					
08022765 BAYOU CASTOR NEAR FUNSTON					
NOV. 6, 1974.....	14.0	8.7	MAY 21.....	22.0	7.4
DEC. 12.....	7.0	11.2	JULY 2.....	23.5	6.5
JAN. 15, 1975.....	8.0	10.5	AUG. 13.....	23.0	4.0
FEB. 26.....	14.0	--	AUG. 20.....	27.0	--
APR. 9.....	18.0	8.6	SEPT. 23.....	15.5	5.1
08025500 BAYOU TORO NEAR TORO					
NOV. 5, 1974.....	16.0	8.0	MAY 1.....	20.0	8.1
NOV. 6.....	15.0	9.4	MAY 22.....	--	7.5
DEC. 12.....	9.5	11.2	JULY 3.....	26.0	7.4
JAN. 14, 1975.....	6.0	11.8	AUG. 12.....	24.0	7.3
APR. 10.....	17.0	8.0	SEPT. 22.....	22.0	7.3
APR. 25.....	20.0	8.6			

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
		SABINE RIVER BASIN--Continued			
		08028000 BAYOU ANACOCO NEAR ROSEPINE			
NOV. 5, 1974.....	20.0	9.5	APR. 9.....	17.5	9.1
DEC. 9.....	9.0	10.8	JULY 2.....	26.0	7.8
JAN. 14, 1975.....	9.0	10.0	AUG. 8.....	28.0	7.0
JAN. 15.....	8.0	11.8	SEPT. 23.....	20.0	--
FEB. 26.....	11.0	10.9			
		08028700 HOOSIER CREEK NEAR MERRYVILLE			
NOV. 5, 1974.....	17.5	7.7	APR. 9.....	17.0	8.0
NOV. 26.....	12.0	9.7	JULY 2.....	22.0	7.4
DEC. 9.....	12.0	9.8	AUG. 12.....	23.0	6.8
JAN. 14, 1975.....	8.5	10.1	SEPT. 24.....	16.5	--
FEB. 26.....	13.0	9.5			

SECTION 3. GROUND-WATER RECORDS

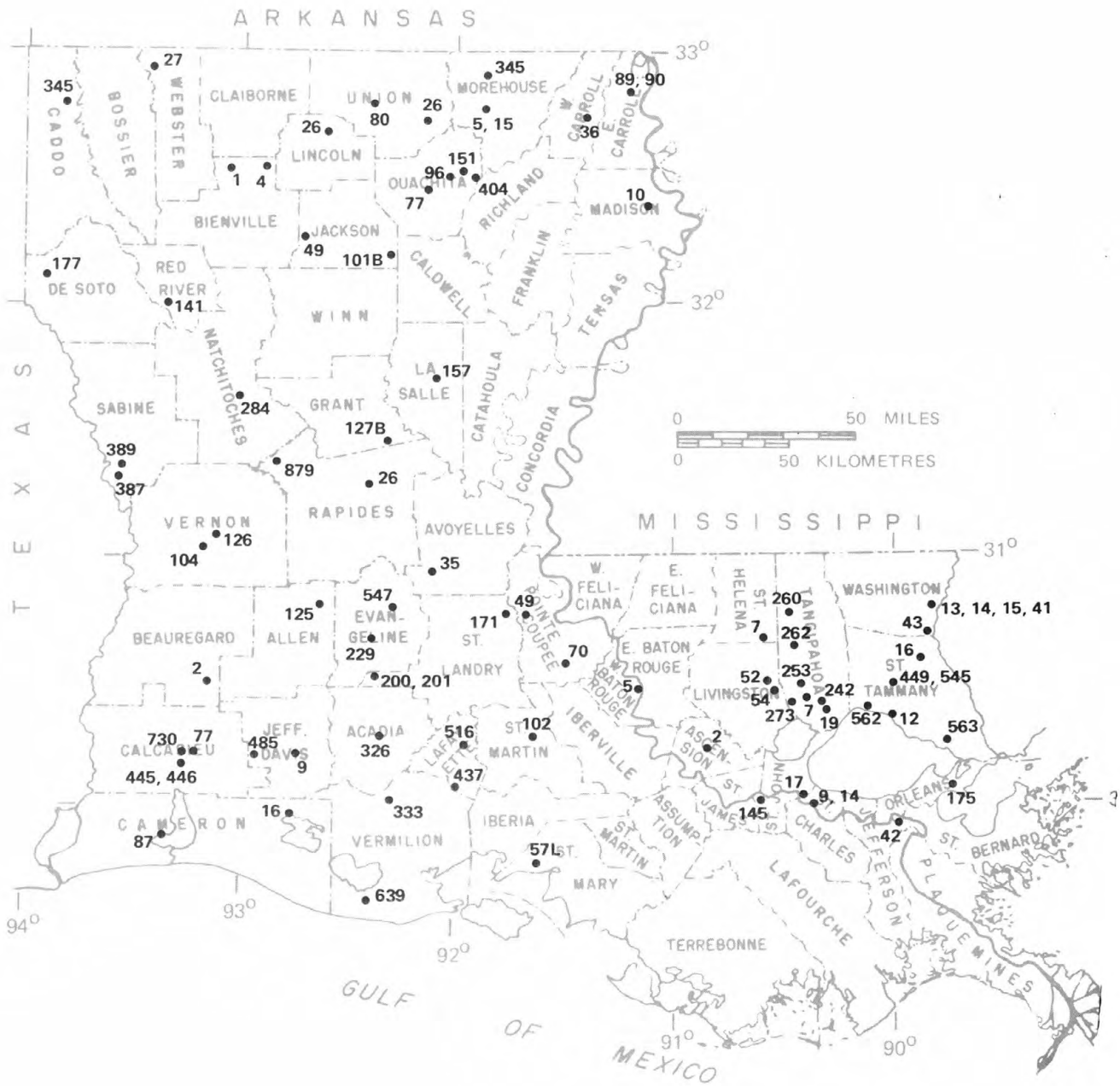


Figure 4. Map showing location of observation wells in Louisiana.

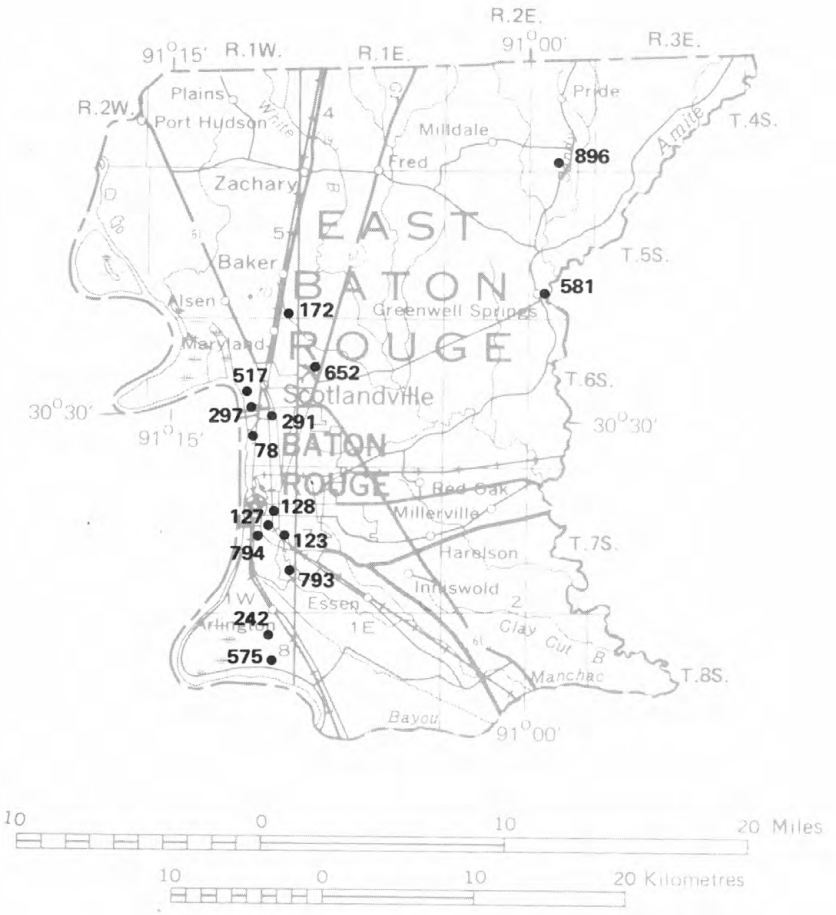


Figure 5. Map showing location of observation wells in East Baton Rouge Parish.

ACADIA PARISH

301832N092234501 LOCAL WELL NUMBER: AC-326

OWNER: U. S. GEOL. SURVEY. (SEC.32,T.8S.,R.1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 2 IN, DEPTH 202 FT, SCREENED 192-202. MP TOP INSIDE EDGE OF 6-IN COLLAR, 1.15 FT ABOVE LSD.
LSD 25.80 FT ABOVE MSL.
HIGHEST WATER LEVEL 48.61 BELOW LSD, MAR. 14, 1965,
LOWEST WATER LEVEL 83.93 BELOW LSD, JULY 5, 1969.
RECORDS AVAILABLE 1964-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	71.50	JAN. 2, 1975	64.18H	APR. 25, 1975	67.59	JUNE 30, 1975	74.42
OCT. 10	70.88	JAN. 22	62.98H	APR. 30	69.61	JULY 22	73.84H
OCT. 15	70.20	FEB. 25	61.33H	MAY 5	69.05	JULY 29	73.53H
OCT. 20	69.83	MAR. 3	61.28H	MAY 10	70.58	AUG. 5	71.49
OCT. 25	69.82	MAR. 5	61.24	MAY 15	70.88	AUG. 10	70.68
OCT. 31	68.89	MAR. 10	63.18	MAY 20	71.38	AUG. 21	70.15H
NOV. 5	68.24	MAR. 15	62.92	MAY 22	72.02H	AUG. 26	70.06H
NOV. 10	67.98	MAR. 20	63.58	MAY 25	73.22	AUG. 31	69.36
NOV. 15	67.74	MAR. 21	63.89H	MAY 31	75.86	SEP. 5	68.86
NOV. 20	66.98	MAR. 25	64.50	JUNE 5	74.68	SEP. 10	68.33
NOV. 25	66.78	MAR. 31	65.61	JUNE 10	75.13	SEP. 15	67.80
NOV. 30	66.29	APR. 5	69.87	JUNE 15	75.55	SEP. 20	67.37
DEC. 5	65.94	APR. 10	69.27	JUNE 20	76.24	SEP. 22	67.22H
DEC. 23	65.88H	APR. 15	68.59	JUNE 24	77.07H	SEP. 25	67.28
DEC. 25	64.60	APR. 20	68.00	JUNE 25	76.68	SEP. 30	66.75
DEC. 31	64.26	APR. 23	67.70H				

ALLEN PARISH

304825N092385001 LOCAL WELL NUMBER: AL-125

OWNER: M.D.HARGROVE.(SEC.11,T.3S.,R.3W.)DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 150 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 4-IN TEE COUPLING, 3.40 FT ABOVE LSD.
LSD 120.42 FT ABOVE MSL.
HIGHEST WATER LEVEL 30.58 BELOW LSD, JAN. 27, 1947,
LOWEST WATER LEVEL 41.20 BELOW LSD, MAY 13, 1970.
RECORDS AVAILABLE 1947-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	38.82	FEB. 5, 1975	38.14	MAY 22, 1975	37.71	SEP. 19, 1975	37.92
DEC. 11	38.66	MAR. 7	38.08	JUNE 20	37.78		

ASCENSION PARISH

301411N090550501 LOCAL WELL NUMBER: AN-2

OWNER: TOWN OF GONZALES. (SEC. 28, T. 9S., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 590 FT, SCREENED 550-590. MP TOP EDGE 2-IN COLLAR, 0.57 FT ABOVE LSD, SINCE 2/5/74.
LSD 8.14 FT ABOVE MSL.
HIGHEST WATER LEVEL 5.98 BELOW LSD, MAY 10, 1962,
LOWEST WATER LEVEL 4.00 BELOW LSD, DEC. 25, 1963.
RECORDS AVAILABLE 1959-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1974	.93	NOV. 18, 1974	2.05	APR. 4, 1975 +	3.63	SEP. 15, 1975	.78

AVOYELLES PARISH

305700N092102301 LOCAL WELL NUMBER: AV-35

OWNER: INTERSTATE PIPE LINE CO. (SEC. 21, T. 1S., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN THE BLOUNTS CREEK MEMBER OF THE FLEMING FM. OF MIO-PLIOCENE AGE, DIAM 8 IN, DEPTH 716 FT, SCREENED 666-716 FT. MP TOP OF CASING, 1.0 FT ABOVE LSD.
LSD 64.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 19.48 BELOW LSD, JUNE 18, 1962,
LOWEST WATER LEVEL 27.20 BELOW LSD, JUNE 26, 1972.
RECORDS AVAILABLE 1954-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1975	26.84	APR. 15, 1975	26.74	JUNE 30, 1975	26.56	SEP. 10, 1975	26.72

BEAUREGARD PARISH

303030N093120501 LOCAL WELL NUMBER: BE-2

OWNER: SOUTHERN PACIFIC RR. (SEC. 29, T. 6 S.,R. 8 W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN. REPORTED DEPTH 276 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 2-IN NIPPLE, 0.48 FT ABOVE LSD.
LSD 83.83 FT ABOVE MSL.
HIGHEST WATER LEVEL 41.54 BELOW LSD, APR. 27, 1944,
LOWEST WATER LEVEL 67.62 BELOW LSD, FEB. 26, 1973.
RECORDS AVAILABLE 1943-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 6, 1974	64.95	JAN. 28, 1975	65.22	APR. 28, 1975	64.20	AUG. 18, 1975	64.64
DEC. 4	64.97	MAR. 6	64.16	JUNE 26	65.26	SEP. 19	64.18
JAN. 16, 1975	64.45	APR. 16	64.28	JULY 21	65.23		

BIENVILLE PARISH

323241N093031901 LOCAL WELL NUMBER: BI-1

OWNER: TOWN OF GIBSLAND. (SEC. 14, T. 18N., R. 7W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 6 IN, DEPTH 490 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF RECORDER SHELTER FLOOR, 3.15 FT ABOVE LSD.
LSD 270.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 57.30 BELOW LSD, MAY 9, 1958,
LOWEST WATER LEVEL 83.65 BELOW LSD, AUG. 31, 1972.
RECORDS AVAILABLE 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 13, 1974	82.02	DEC. 10, 1974	81.84	JAN. 21, 1975	81.54	APR. 25, 1975	83.63

323251N092551901 LOCAL WELL NUMBER: BI-4

OWNER: LOUISIANA GAS SERVICE CO. (SEC. 18, T. 18N., R. 5W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 6 IN, DEPTH 585 FT, SCREENED 518-585. MP TOP OF CASING, 3.5 FT ABOVE LSD.
LSD 350.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 149.55 BELOW LSD, OCT. 9, 1940,
LOWEST WATER LEVEL 224.04 BELOW LSD, MAR. 19, 1975.
RECORDS AVAILABLE 1940, 1949-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1974	206.05	JAN. 21, 1975	221.81	MAY 13, 1975	203.58	JULY 15, 1975	210.87
NOV. 13	205.97	MAR. 19	224.04	JUNE 18	219.94	SEP. 4	219.95
DEC. 10	203.79	APR. 25	215.26				

CADDO PARISH

325045N093513701 LOCAL WELL NUMBER: CD-345

OWNER: U.S. GEOL. SURVEY. (SEC. 6, T. 21N., R. 14W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 54 FT, SCREENED 51-54. MP TOP OF CASING, 1.3 FT ABOVE LSD.
LSD 189.71 FT ABOVE MSL.
HIGHEST WATER LEVEL 5.81 BELOW LSD, MAY 15, 1975,
LOWEST WATER LEVEL 17.08 BELOW LSD, JAN. 18, 1957.
RECORDS AVAILABLE 1957-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 12, 1974	7.06	MAR. 20, 1975	6.26	JULY 2, 1975	6.78	AUG. 6, 1975	8.40
DEC. 9	8.29	APR. 22	6.79	JULY 8	7.20G	SEP. 2	9.08
JAN. 15, 1975	6.29	MAY 15	5.81	JULY 15	6.42	SEP. 9	10.70G
JAN. 22	6.75	MAY 30	6.68	AUG. 3	8.40G		

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	HARD-NESS (CA,MG) (MG/L)
AUG. 06...	0910	6800	160	100	40	44	40	410

CALCASIEU PARISH

301405N093153501 LOCAL WELL NUMBER: CU-77

OWNER: OLIN MATHIESON CHEMICAL CORP. (SEC. 35, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 13 TO 6 IN, REPORTED DEPTH 512 FT, SCREENED 448-512. MP TOP OF CONCRETE SHELTER BASE, 7.63 FT ABOVE LSD.
LSD 9.61 FT ABOVE MSL.
HIGHEST WATER LEVEL 82.11 BELOW LSD, FEB. 14, 1956,
LOWEST WATER LEVEL 170.60 BELOW LSD, AUG. 30, 1974.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	154.29	JAN. 15, 1975	147.65	APR. 20, 1975	148.67	JULY 15, 1975	157.42
OCT. 10	154.39	JAN. 20	149.35	APR. 23	146.07H	JULY 20	157.60
OCT. 15	156.03	JAN. 25	155.10	APR. 25	148.75	JULY 22	157.67H
OCT. 20	157.31	JAN. 30	153.75H	APR. 30	150.88	JULY 25	157.60
OCT. 25	158.55	JAN. 31	151.85C	MAY 5	152.03	JULY 31	157.50
OCT. 31	157.80	FEB. 3	150.35H	MAY 10	152.51	AUG. 5	157.40
NOV. 5	157.93	FEB. 5	151.96C	MAY 15	153.87	AUG. 10	157.20
NOV. 10	156.88	FEB. 10	140.08	MAY 20	153.35	AUG. 15	156.60
NOV. 15	156.63	FEB. 15	140.30	MAY 22	154.09H	AUG. 20	156.95
NOV. 20	155.45	FEB. 20	138.02	MAY 25	152.25	AUG. 21	157.07H
NOV. 25	156.25	FEB. 25	138.14	MAY 31	152.87	AUG. 25	155.42
NOV. 30	155.23	FEB. 28	137.35	JUNE 5	153.70	AUG. 31	155.51
DEC. 5	154.62	MAR. 5	137.00	JUNE 10	153.40	SEP. 5	157.96
DEC. 10	153.50	MAR. 16	146.87H	JUNE 15	154.52	SEP. 10	153.85
DEC. 15	148.10	MAR. 24	151.89H	JUNE 20	154.83	SEP. 15	153.32
DEC. 20	147.78	MAR. 28	149.52H	JUNE 24	155.70H	SEP. 20	136.35
DEC. 25	149.20	MAR. 31	151.10	JUNE 25	156.10	SEP. 23	136.07H
DEC. 31	148.68	APR. 5	150.67	JUNE 30	155.70	SEP. 25	135.58
JAN. 5, 1975	147.60	APR. 10	150.65	JULY 5	156.78	SEP. 30	133.00
JAN. 10	147.38	APR. 15	148.79	JULY 10	157.65		

301115N093191501 LOCAL WELL NUMBER: CU-445

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, DEPTH 540 FT, SCREENED 460-540. MP TOP OF RECORDER SHELTER FLOOR, 2.00 FT ABOVE LSD.
LSD 12.26 FT ABOVE MSL.
HIGHEST WATER LEVEL 30.96 BELOW LSD, APR. 20, 1947,
LOWEST WATER LEVEL 177.75 BELOW LSD, AUG. 23, 1973.
RECORDS AVAILABLE 1945-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1974	166.28	JAN. 20, 1975	160.93	MAR. 25, 1975	155.19	JUNE 30, 1975	158.16
NOV. 5	166.06	JAN. 21	160.20H	APR. 23	153.95H	JULY 5	159.82
NOV. 10	165.75	JAN. 25	159.76	APR. 25	154.38	JULY 10	161.00
NOV. 15	164.37	JAN. 31	157.56	APR. 30	153.93	JULY 15	162.08
NOV. 20	163.61	FEB. 5	154.97	MAY 5	153.52	JULY 20	159.40
NOV. 25	162.26	FEB. 10	152.60	MAY 10	152.58	JULY 22	160.63H
NOV. 30	163.25	FEB. 15	156.76	MAY 15	153.13	AUG. 21	168.39H
DEC. 5	163.55	FEB. 20	153.67	MAY 20	154.58	AUG. 25	167.91
DEC. 10	161.93	FEB. 25	151.68	MAY 22	154.95H	AUG. 31	168.98
DEC. 15	163.29	FEB. 28	152.46	MAY 25	155.48	SEP. 5	169.75
DEC. 20	161.74	FEB. 28	152.57H	MAY 31	156.20	SEP. 10	169.68
DEC. 25	161.29	MAR. 5	151.89	JUNE 5	156.79	SEP. 15	168.63
DEC. 31	161.42	MAR. 10	152.87	JUNE 10	155.38	SEP. 20	168.74
JAN. 5, 1975	161.95	MAR. 15	151.48	JUNE 15	158.06	SEP. 23	166.10H
JAN. 10	159.56	MAR. 20	152.20	JUNE 20	157.68	SEP. 25	165.82
JAN. 15	160.36	MAR. 24	154.97H	JUNE 25	157.70	SEP. 30	164.22

301115N093191001 LOCAL WELL NUMBER: CU-446

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 738 FT, SCREENED 658-738. MP TOP OF RECORDER SHELTER FLOOR, 1.89 FT ABOVE LSD.
LSD 12.40 FT ABOVE MSL.
HIGHEST WATER LEVEL 22.80 BELOW LSD, APR. 27, 1946,
LOWEST WATER LEVEL 129.80 BELOW LSD, AUG. 5, 1974.
RECORDS AVAILABLE 1945-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	124.51	JAN. 15, 1975	117.86	APR. 15, 1975	114.04	JULY 15, 1975	120.59
OCT. 10	123.90	JAN. 20	118.16	APR. 20	113.68	JULY 20	121.20
OCT. 15	123.74	JAN. 21	118.00H	APR. 23	113.48H	JULY 22	121.57H
OCT. 20	123.50	JAN. 25	117.52	APR. 25	113.68	JULY 25	121.96
OCT. 25	123.58	JAN. 31	116.80	APR. 30	114.23	JULY 31	122.38
OCT. 31	123.18	FEB. 5	116.44	MAY 5	114.25	AUG. 5	122.24
NOV. 5	123.08	FEB. 10	116.58	MAY 10	114.70	AUG. 10	122.21
NOV. 10	122.22	FEB. 15	116.58	MAY 15	115.26	AUG. 15	122.34
NOV. 15	122.00	FEB. 20	115.92	MAY 20	115.59	AUG. 20	122.92
NOV. 20	121.29	FEB. 25	115.02	MAY 22	115.91H	AUG. 21	123.15H
NOV. 25	120.94	FEB. 28	114.36	MAY 25	116.18	AUG. 25,	123.61
NOV. 30	120.61	MAR. 5	113.87	MAY 31	116.95	AUG. 31	124.11
DEC. 5	120.48	MAR. 10	113.74	JUNE 5	117.40	SEP. 5	124.35
DEC. 10	119.85	MAR. 15	113.63	JUNE 10	117.76	SEP. 10	124.18
DEC. 15	119.57	MAR. 20	113.30	JUNE 15	118.41	SEP. 15	123.79
DEC. 20	119.31	MAR. 24	113.36H	JUNE 20	119.32	SEP. 20	123.19
DEC. 25	118.93	MAR. 25	113.68	JUNE 25	119.78	SEP. 23	122.75H
DEC. 31	118.61	MAR. 31	113.85	JUNE 30	119.71	SEP. 25	122.33
JAN. 5, 1975	118.63	APR. 5	113.89	JULY 5	119.98	SEP. 30	121.45
JAN. 10	117.62	APR. 10	113.96	JULY 10	120.42		

301405N093171006 LOCAL WELL NUMBER: CU-730

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9 S., R. 9 W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 165 FT, SCREENED 155-165. MP TOP 2-IN PIPE, 1.60 FT ABOVE LSD.
LSD 17.67 FT ABOVE MSL.
HIGHEST WATER LEVEL 54.64 BELOW LSD, MAR. 29, 1963,
LOWEST WATER LEVEL 85.66 BELOW LSD, AUG. 5, 1968.
RECORDS AVAILABLE 1961-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	74.49	MAR. 24, 1975	72.86	JUNE 24, 1975	74.00	AUG. 22, 1975	75.98
JAN. 28	74.37	APR. 23	72.09	JULY 24	75.25	SEP. 23	75.78
FEB. 28	73.44	MAY 22	73.02				

CAMERON PARISH

295935N092473001 LOCAL WELL NUMBER: CN-16

OWNER: MAPLE HUGHES ESTATE. (SEC. 20, T. 12E., R. 4W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 350 FT, SCREENED INTERVAL UNKNOWN. MP HOLE IN END OF PULLEY, 2.41 FT ABOVE LSD. SINCE 4/15/75.
LSD 5.03 FT ABOVE MSL.
HIGHEST WATER LEVEL 5.59 BELOW LSD, MAY 21, 1947,
LOWEST WATER LEVEL 32.92 BELOW LSD, AUG. 28, 1975.
RECORDS AVAILABLE 1946-72, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	28.90	JUNE 19, 1975	31.82	AUG. 28, 1975	32.92	SEP. 22, 1975	32.20
APR. 15	29.56						

295337N093240601 LOCAL WELL NUMBER: CN-87

OWNER: U.S.GEOL.SURVEY. (SEC. 32, T. 13S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 804 FT, SCREENED 798-804. MP TOP OF 2-IN CASING, 1.0 FT ABOVE LSD.
LSD 8.46 FT ABOVE MSL.
HIGHEST WATER LEVEL 22.38 BELOW LSD, DEC. 16, 1963,
LOWEST WATER LEVEL 46.80 BELOW LSD, AUG. 2, 1972.
RECORDS AVAILABLE 1963-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	46.24	APR. 23, 1975	45.07	AUG. 28, 1975	46.59	SEP. 23, 1975	46.30
MAR. 18	45.56	JUNE 18	44.80				

DESOTO PARISH

320731N093561901 LOCAL WELL NUMBER: DS-177

OWNER: HOWARD DENNISON. (SEC. 7, T. 13N., R. 15W.) DRILLED UNUSED ARTESIAN WELL IN THE WILCOX GROUP OF PALEOCENE-EOCENE AGE, DIAM 4 IN, DEPTH 350 FT, CASING PERFORATED 290-350. MP TOP OF CASING, 1.05 FT ABOVE LSD.
LSD 300.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 36.13 BELOW LSD, MAR. 27, 1962,
LOWEST WATER LEVEL 52.05 BELOW LSD, JULY 2, 1975.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	47.09	JAN. 15, 1975	49.90	APR. 9, 1975	51.40	JULY 2, 1975	52.05

EAST BATON ROUGE PARISH

302932N091111101 LOCAL WELL NUMBER: EB-78

OWNER: ALLIED CHEMICAL CO. (SEC. 42, T. 6 S.,R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 423 FT, SCREENED 332-423. MP TOP OF 2-X4-IN BASE OF RECORDER SHELTER, AT LSD. MEASUREMENTS DISCONTINUED. WELL PLUGGED, 8/15/75
.
LSD 65.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 84.68 BELOW LSD, APR. 24, 1973,
LOWEST WATER LEVEL 246.20 BELOW LSD, OCT. 8, 1953.
RECORDS AVAILABLE 1944-45, 1953-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1974	129.92	DEC. 17, 1974	112.70	MAR. 28, 1975	90.90	JULY 9, 1975	112.07
NOV. 12	129.17	JAN. 20, 1975	101.03	MAY 13	86.76	JULY 15	114.84
NOV. 20	128.87	FEB. 21	96.86	JUNE 3	91.03		

302604N091095801 LOCAL WELL NUMBER: EB-123

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 7 S., R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, DEPTH 710 FT, SCREENED 630-710. MP TOP OF RECORDER-SHELTER FLOOR, 0.81 FT ABOVE LSD.
LSD 51.13 FT ABOVE MSL.
HIGHEST WATER LEVEL 50.70 BELOW LSD, APR. 1, 1935,
LOWEST WATER LEVEL 143.70 BELOW LSD, SEP. 4, 1940.
RECORDS AVAILABLE 1935, 1939-40, 1947-49, 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 1, 1974	105.70J	DEC. 10, 1974	103.17	JAN. 20, 1975	91.79H	MAR. 31, 1975	84.31H
NOV. 5	105.87	DEC. 15	101.22	JAN. 25	90.75	APR. 5	83.53
NOV. 10	106.15	DEC. 20	99.25	JAN. 31	89.33	APR. 10	82.37
NOV. 15	106.12	DEC. 25	97.55	FEB. 5	88.44	APR. 14	81.85J
NOV. 20	105.08	DEC. 31	95.86	FEB. 10	87.71	JUNE 18	81.65H
NOV. 25	104.42	JAN. 5, 1975	94.76	FEB. 15	86.75	JULY 14	91.09
NOV. 30	104.08	JAN. 10	93.47	FEB. 19	86.15J	SEP. 15	96.59
DEC. 5	103.92	JAN. 15	92.41				

302617N091103602 LOCAL WELL NUMBER: EB-127

OWNER: ICE SERVICE. (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 330 FT, SCREENED 229-330. MP TOP OF RECORDER BASE, 1.73 FT BELOW LSD.
LSD 49.56 FT ABOVE MSL.
HIGHEST WATER LEVEL 15.32 BELOW LSD, APR. 7, 1973,
LOWEST WATER LEVEL 53.13 BELOW LSD, OCT. 26, 1956.
RECORDS AVAILABLE 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	25.49	MAR. 31, 1975	19.23	JULY 14, 1975	36.44	SEP. 15, 1975	41.00

302648N091102301 LOCAL WELL NUMBER: EB-128

OWNER: DIVINCENTI BROS., INC. (SEC. 74, T. 7S., R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 TO 6 IN, DEPTH 970 FT, SCREENED 840-883, 916-970. MP TOP OF 8-IN CASING, AT LSD.
LSD 57.02 FT ABOVE MSL.
HIGHEST WATER LEVEL 67.90 BELOW LSD, MAR. 15, 1946, MAR. 25, 1946,
LOWEST WATER LEVEL 128.42 BELOW LSD, SEP. 9, 1956.
RECORDS AVAILABLE 1940-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975	103.07	MAR. 31, 1975	95.60	JULY 14, 1975	98.23	SEP. 15, 1975	104.74

303358N091094401 LOCAL WELL NUMBER: EB-172

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 54, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 239 FT, SCREENED 218-239. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 66.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 42.16 BELOW LSD, JUNE 20, 1973,
LOWEST WATER LEVEL 62.90 BELOW LSD, NOV. 15, 1968.
RECORDS AVAILABLE 1942, 1948-50, 1959-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	53.81	JAN. 27, 1975	49.91	MAR. 21, 1975	45.69	JULY 15, 1975	44.22
NOV. 22	54.35	FEB. 28	47.08	MAY 6	42.26	SEP. 12	49.35
DEC. 23	52.77						

302238N091102701 LOCAL WELL NUMBER: EB-242

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 74,T. 8 S., R. 1 W.) DRILLED UNUSED ARTESIAN WELL IN ALLUVIAL SAND AND GRAVEL OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 173 FT, SCREENED INTERVAL UNKNOWN. MP TOP INSIDE EDGE OF 2-IN ELBOW ATOP 2-IN CASING, 2.80 FT ABOVE LSD.
LSD 24.78 FT ABOVE MSL.
HIGHEST WATER LEVEL 9.50 BELOW LSD, APR. 16, 1973,
LOWEST WATER LEVEL 21.26 BELOW LSD, DEC. 11, 1956.
RECORDS AVAILABLE 1943, 1945-49, 1953-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 22, 1975	2.26	APR. 1, 1975 +	4.47	JULY 15, 1975	6.78	SEP. 15, 1975	13.98

303026N091102201 LOCAL WELL NUMBER: EB-291

OWNER: UNITED GAS PIPE LINE CO. (SEC. 37, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 TO 6 IN, DEPTH 1,196 FT, SCREENED 1,135-1,196. MP LOWER EDGE OF 2-IN COLLAR WELDED ON 6-IN FLANGE, 1.80 FT ABOVE LSD.
LSD 62.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 20.00 BELOW LSD, JULY 20, 1927,
LOWEST WATER LEVEL 176.20 BELOW LSD, OCT. 4, 1974.
RECORDS AVAILABLE 1927, 1940, 1959, 1963-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1974	176.20	FEB. 21, 1975	154.86	JUNE 5, 1975	139.30	AUG. 14, 1975	151.00
DEC. 17	159.57	MAR. 28	147.33	JULY 15	147.20	SEP. 12	142.45
JAN. 20, 1975	156.73	MAY 13	149.30				

303026N091113001 LOCAL WELL NUMBER: EB-297

OWNER: LOUISIANA DEPT. OF HIGHWAYS. (SEC. 37, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1,940 FT, SCREENED 1,890-1,940. MP TOP OF 4-IN NIPPLE ATOP 4-IN CROSS, 2.20 FT ABOVE LSD.
LSD 61.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 200.22 BELOW LSD, NOV. 7, 1967,
LOWEST WATER LEVEL 336.23 BELOW LSD, AUG. 31, 1973.
RECORDS AVAILABLE 1966-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1974	319.55	JAN. 20, 1975	304.45	MAY 13, 1975	273.25	AUG. 14, 1975	287.02
NOV. 18	317.40	FEB. 21	290.43	JUNE 5	278.10	SEP. 12	294.94
DEC. 17	310.34	MAR. 28	289.74	JULY 15	278.48		

303117N091113601 LOCAL WELL NUMBER: EB-517C

OWNER: SOUTHERN UNIVERSITY. (SEC. 50, T. 6S., R. 1W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, DEPTH 2,590 FT, SCREENED 2,510-2,590. MP TOP OF 3/4-IN HOLE IN SANITARY SEAL, 1.48 FT ABOVE LSD.
LSD 67.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 64.70 BELOW LSD, AUG. 21, 1953,
LOWEST WATER LEVEL 44.77 BELOW LSD, JULY 15, 1974.
RECORDS AVAILABLE 1951, 1953-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 15, 1975	42.07	MAY 16, 1975	41.99	JULY 14, 1975	43.25	SEP. 12, 1975	43.56
MAR. 27	41.36						

302149N091101401 LOCAL WELL NUMBER: EB-575

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 68, T. 8S., R. 1W.) DRILLED IRRIGATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 10 TO 6 IN, DEPTH 2,500 FT, SCREENED 2,440-2,500. MP CENTER LINE OF DISCHARGE PIPE, 3.40 FT ABOVE LSD.
LSD 20.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 70.00 BELOW LSD, MAY 1, 1955,
LOWEST WATER LEVEL 16.90 BELOW LSD, SEP. 15, 1975.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1974 +	18.70	APR. 1, 1975 +	19.90	SEP. 15, 1975 +	16.90		

302149091101401 - EB-575--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	HARD-NESS (CA,MG) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT. 18...	1515	230	2	1200

303440N090592703 LOCAL WELL NUMBER: EB-581

OWNER: LOUISIANA STATE HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 IN, DEPTH 2590 FT, SCREENED 2540-2590. MP TOP OF 1-IN PIPE ON SIDE OF 8-IN CASING, 1.90 FT ABOVE LSD.
LSD 67.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 54.40 BELOW LSD, MAY 25, 1956,
LOWEST WATER LEVEL 25.05 BELOW LSD, JULY 14, 1975.
RECORDS AVAILABLE 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1974	22.00	MAR. 27, 1975	21.37	JULY 14, 1975	25.05	SEP. 12, 1975	23.55
JAN. 16, 1975	21.80						

303154N091083901 LOCAL WELL NUMBER: EB-652

OWNER: EAST BATON ROUGE PARISH. (SEC. 90, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,345 FT, SCREENED 1,264-1,345. MP BREATHER PIPE HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD.
LSD 68.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 45.42 BELOW LSD, APR. 29, 1958,
LOWEST WATER LEVEL 125.70 BELOW LSD, SEP. 24, 1974.
RECORDS AVAILABLE 1958-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 25, 1975	118.25	JULY 14	118.40	SEP. 12, 1975	123.04		

302719N091103201 LOCAL WELL NUMBER: EB-793

OWNER: U. S. GEOL. SURVEY. (T. 7 S.,R.1 W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 687 FT, SCREENED 683-687. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 1.28 FT ABOVE LSD.
LSD 36.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 69.33 BELOW LSD, MAY 20, 1975,
LOWEST WATER LEVEL 121.55 BELOW LSD, OCT. 21, 1968.
RECORDS AVAILABLE 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1974	103.75	FEB. 21, 1975	79.58	MAY 13, 1975	69.84	JULY 14, 1975	87.28
NOV. 20	102.96	MAR. 28	79.28	MAY 20	69.33	AUG. 14	88.79
DEC. 17	96.72	MAY 6	70.85	JUNE 5	70.21	SEP. 15	91.88
JAN. 20, 1975	86.75						

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	HARD-NESS (CA,MG) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT. 30...	1040	--	--	3.4	30	341
MAY 20...	1445	8.1	2.5	3.5	31	338

302559N091110801 LOCAL WELL NUMBER: EB-794

OWNER: U. S. GEOL. SURVEY. (SEC. 52, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2709 FT, SCREENED 2,705-2,709. MP TOP EDGE OF 3/4-IN PVC AIRLINE, 3.0 FT ABOVE LSD.
LSD 51.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 113.28 BELOW LSD, JULY 27, 1965,
LOWEST WATER LEVEL 198.00 BELOW LSD, JULY 19, 1974.
RECORDS AVAILABLE 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 29, 1974	192.55	MAR. 31, 1975	184.05	JULY 14, 1975	184.74	SEP. 15, 1975	191.57
JAN. 20, 1975	189.17						

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	HARD-NESS (CA,MG) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)
OCT. 29...	1535	--	--	13	27	479
MAY 22...	1120	8.9	3.8	14	38	511

303905N090583301 LOCAL WELL NUMBER: EB-896

OWNER: U. S. GEOL. SURVEY (SEC. 51, T. 4S., R. 2E.) AUGURED OBSERVATION ARTESIAN WELL IN SAND ("400 FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 73 FT, SCREENED 70-73 FT. MP TOP OF 1 1/4-IN CASING, 3.92 FT ABOVE LSD.
LSD 82.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 15.17 BELOW LSD, APR. 22, 1974,
LOWEST WATER LEVEL 17.85 BELOW LSD, DEC. 12, 1972.
RECORDS AVAILABLE 1972-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1974	17.00	JULY 14, 1975	15.85	JULY 16, 1975	15.88	SEP. 12, 1975	15.61
MAY 7, 1975	16.01						

EAST CARROLL PARISH

325100N091132401 LOCAL WELL NUMBER: EC-89

OWNER: U. S. GEOL. SURVEY. (SEC. 41, T. 22N., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 4 TO 2 IN, DEPTH 335 FT, SCREENED 330-335. MP TOP OF CASING, .72 FT ABOVE LSD.
LSD 106.05 FT ABOVE MSL.
HIGHEST WATER LEVEL 13.53 BELOW LSD, MAY 14, 1958,
LOWEST WATER LEVEL 22.56 BELOW LSD, MAR. 10, 1967.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 13, 1974	19.15	APR. 22, 1975	14.88	JULY 22, 1975	20.28	SEP. 9, 1975	18.90
JAN. 24, 1975	17.47						

325100N091132402 LOCAL WELL NUMBER: EC-90

OWNER: U. S. GEOL. SURVEY. (SEC. 41, T. 22N., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 88 FT, SCREENED 83-88. MP TOP OF CASING, 0.75 FT ABOVE LSD.
LSD 106.05 FT ABOVE MSL.
HIGHEST WATER LEVEL 13.31 BELOW LSD, MAR. 22, 1973,
LOWEST WATER LEVEL 22.96 BELOW LSD, SEP. 21, 1966.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 13, 1974	18.00	APR. 22, 1975	14.92	JULY 22, 1975	19.97	SEP. 9, 1975	17.16
JAN. 24, 1975	15.80						

EVANGELINE PARISH

304120N092263001 LOCAL WELL NUMBER: EV-229

OWNER: CHESTLEY FONTENOT. (SEC. 25, T. 4S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 12 IN, DEPTH 231 FT, SCREENED 149-231. MP FLOOR OF SHELTER HOUSE, 0.85 FT ABOVE LSD.
LSD 65.66 FT ABOVE MSL.
HIGHEST WATER LEVEL 45.52 BELOW LSD, APR. 18, 1951,
LOWEST WATER LEVEL 103.82 BELOW LSD, JAN. 14, 1970.
RECORDS AVAILABLE 1949-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	85.77	JAN. 15, 1975	80.89	APR. 10, 1975	89.63	JULY 10, 1975	92.07
OCT. 10	85.67	JAN. 20	80.73	APR. 15	86.87	JULY 15	90.73
OCT. 15	84.99	JAN. 22	80.89H	APR. 20	87.19	JULY 20	90.23
OCT. 20	84.76	JAN. 25	80.39	APR. 24	86.81H	JULY 22	89.49H
OCT. 25	84.70	JAN. 31	80.27	APR. 25	86.31	JULY 25	88.64
OCT. 31	83.99	FEB. 5	79.97	APR. 30	86.69	JULY 31	87.43
NOV. 5	83.88	FEB. 10	79.90	MAY 5	85.38	AUG. 5	86.39
NOV. 10	83.61	FEB. 15	79.70	MAY 10	88.12	AUG. 10	85.79
NOV. 15	83.58	FEB. 20	79.60	MAY 15	94.00	AUG. 15	87.87
NOV. 20	83.20	FEB. 25	79.52	MAY 20	98.92	AUG. 20	85.88
NOV. 25	83.04	FEB. 28	79.42	MAY 22	99.67H	AUG. 21	85.87H
NOV. 30	83.77	MAR. 3	79.43H	MAY 25	98.44	AUG. 25	86.44
DEC. 5	82.89	MAR. 5	79.61	MAY 31	94.83	AUG. 31	86.30
DEC. 10	82.49	MAR. 10	82.60	JUNE 5	90.61	SEP. 5	85.29
DEC. 15	82.03	MAR. 15	86.95	JUNE 10	89.37	SEP. 10	84.73
DEC. 20	81.82	MAR. 20	88.21	JUNE 15	93.94	SEP. 15	84.23
DEC. 25	81.70	MAR. 21	87.67H	JUNE 20	99.87	SEP. 20	83.81
DEC. 31	81.36	MAR. 25	86.94	JUNE 25	99.03	SEP. 22	84.04H
JAN. 5, 1975	81.35	MAR. 31	86.88	JUNE 30	94.67	SEP. 25	84.36
JAN. 10	80.39	APR. 5	89.57	JULY 5	92.72	SEP. 30	83.62

304745N092204501 LOCAL WELL NUMBER: EV-547

OWNER: U.S.GEOL.SURVEY. (SEC. 25, T. 3S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 80 FT, SCREENED 75-80. MP TOP OF CASING, 0.62 FT ABOVE LSD.
LSD 113.38 FT ABOVE MSL.
HIGHEST WATER LEVEL 19.19 BELOW LSD, APR. 24, 1975,
LOWEST WATER LEVEL 51.25 BELOW LSD, OCT. 14, 1971.
RECORDS AVAILABLE 1954-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	31.90	MAR. 21, 1975	21.35	JUNE 25, 1975	21.68	AUG. 20, 1975	21.11
FEB. 5, 1975	23.27	APR. 24	19.19	JULY 22	21.87	SEP. 19	25.36
MAR. 5	20.28	MAY 22	21.86				

GRANT PARISH

312703N092224801 LOCAL WELL NUMBER: G-127B

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 6N., R. 1E.) BORED OBSERVATION WATER TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 97 FT, SCREENED 93-97. MP TOP OF CASING, 1.0 FT ABOVE LSD.
LSD 231.75 FT ABOVE MSL.
HIGHEST WATER LEVEL 66.88 BELOW LSD, APR. 26, 1962,
LOWEST WATER LEVEL 72.43 BELOW LSD, JAN. 25, 1972.
RECORDS AVAILABLE 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1974	68.16	JAN. 26, 1975	68.69	APR. 22, 1975	68.50	JULY 25, 1975	67.70
NOV. 25	68.52	FEB. 24	68.73	MAY 27	68.15	AUG. 25	67.57
DEC. 26	68.57	MAR. 24	68.79	JUNE 23	67.91	SEP. 22	67.55

JACKSON PARISH

321709N092452401 LOCAL WELL NUMBER: JA-49

OWNER: CONTINENTAL CAN CO. (SEC. 15, T. 15N., R. 4W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 12 TO 8 IN, DEPTH 570 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF RECORDER SHELTER SHELF, 2.33 FT ABOVE LSD.
LSD 160.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 114.16 BELOW LSD, JAN. 2, 1961,
LOWEST WATER LEVEL 193.86 BELOW LSD, OCT. 1, 1967.
RECORDS AVAILABLE 1960-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 10, 1974	154.90	JAN. 10, 1975	150.45	MAY 5, 1975	143.00	JULY 20, 1975	140.50
OCT. 15	153.30	JAN. 12	152.90J	MAY 10	138.40	JULY 25	146.50
OCT. 20	157.40	JAN. 15	150.98	MAY 11	138.30	JULY 31	147.70
OCT. 25	158.30	MAR. 10	158.52H	MAY 15	148.00	AUG. 5	146.60
OCT. 31	158.40	MAR. 15	156.90	MAY 20	151.00	AUG. 10	148.00
NOV. 5	158.40	MAR. 20	153.50	MAY 25	141.60	AUG. 15	144.70
NOV. 10	154.10	MAR. 25	157.10	MAY 31	142.00	AUG. 20	146.20
NOV. 15	155.30	MAR. 30	158.35J	JUNE 5	141.20	AUG. 25	148.00
NOV. 20	157.70	APR. 5	148.55	JUNE 10	148.80	AUG. 31	149.00
DEC. 15	157.40	APR. 9	145.35J	JUNE 15	141.50	SEP. 5	144.60
DEC. 20	157.40	APR. 10	148.65	JUNE 20	149.10	SEP. 10	149.80
DEC. 25	152.55	APR. 15	151.65	JUNE 25	148.60	SEP. 12	145.40H
DEC. 31	151.60	APR. 20	151.75	JUNE 30	145.90	SEP. 15	141.60
JAN. 5, 1975	150.80	APR. 21	148.25H	JULY 5	145.10	SEP. 20	139.50J
JAN. 6	150.68H	APR. 25	153.40	JULY 10	142.90	SEP. 25	146.90
JAN. 8	145.80J	APR. 30	151.00	JULY 15	144.20H	SEP. 30	149.40J

321249N092190402 LOCAL WELL NUMBER: JA-101B

OWNER: CHATHAM GIRL SCOUT CAMP. (SEC. 12, T. 14N., R. 1E.) DRILLED PUBLIC SUPPLY ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 4 IN, DEPTH 432 FT, SCREENED 412-432. MP HOLE IN TOP OF SANITARY SEAL, 1.0 FT ABOVE LSD.
LSD 195.30 FT ABOVE MSL.
HIGHEST WATER LEVEL 151.70 BELOW LSD, MAY 11, 1966,
LOWEST WATER LEVEL 174.73 BELOW LSD, JUNE 13, 1967.
RECORDS AVAILABLE 1966-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1974	159.77	FEB. 24, 1975	159.59	MAY 14, 1975	159.17	JULY 18, 1975	159.63
DEC. 11	159.46	MAR. 24	159.30	MAY 21	159.44	SEP. 8	159.60
JAN. 21, 1975	159.54	APR. 15	159.51	JUNE 12	159.50	SEP. 23	159.74

JEFFERSON DAVIS PARISH

301355N092463001 LOCAL WELL NUMBER: JD-9

OWNER:WELSH CANAL CO. (SEC.34,T.9S.,R.4W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 318 FT, SCREENED 238-318. MP LOWER LIP OF DISCHARGE PIPE, 4.55 FT ABOVE LSD.
LSD 24.10 FT ABOVE MSL.
HIGHEST WATER LEVEL 19.52 BELOW LSD, MAR. 29, 1943,
LOWEST WATER LEVEL 85.59 BELOW LSD, SEP. 18, 1973.
RECORDS AVAILABLE 1938-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1974	84.24	JAN. 21, 1975	63.02	APR. 23, 1975	65.37	JULY 24, 1975	71.93
OCT. 21	69.59	FEB. 27	61.30	MAY 21	75.05	AUG. 21	69.98
NOV. 21	66.97	MAR. 21	63.49	JUNE 25	78.45	SEP. 22	67.85

301300N092584501 LOCAL WELL NUMBER: JD-485

OWNER: U.S.GEOL.SURVEY.(SEC.4,T.10S.,R.6W.)DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 250 FT, SCREENED 240-250. MP TOP OF 4-IN CASING COLLAR, 3.0 FT ABOVE LSD.
LSD 21.36 FT ABOVE MSL.
HIGHEST WATER LEVEL 42.73 BELOW LSD, APR. 6, 1963,
LOWEST WATER LEVEL 98.68 BELOW LSD, JULY 4, 1972.
RECORDS AVAILABLE 1962-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	66.68	JAN. 20, 1975	58.69	APR. 15, 1975	57.90	JULY 10, 1975	74.62
OCT. 10	65.80	JAN. 21	58.78H	APR. 20	59.20	JULY 15	76.38
OCT. 15	65.60	JAN. 25	58.72	APR. 24	59.42H	JULY 20	78.04
OCT. 20	64.78	JAN. 31	58.08	APR. 25	60.74	JULY 24	74.97H
OCT. 25	64.42	FEB. 5	57.75	APR. 30	66.78	JULY 25	74.17
OCT. 31	63.80	FEB. 10	57.72	MAY 5	67.89	JULY 31	72.47
NOV. 5	63.63	FEB. 15	58.76	MAY 10	72.82	AUG. 5	69.70
NOV. 10	63.05	FEB. 20	57.80	MAY 15	79.04	AUG. 10	68.27
NOV. 15	62.54	FEB. 25	57.55	MAY 20	75.76	AUG. 15	67.00
NOV. 20	62.04	FEB. 26	57.50H	MAY 21	75.98H	AUG. 20	67.25
NOV. 25	61.70	FEB. 28	57.61	MAY 25	79.18	AUG. 21	67.60H
NOV. 30	61.39	MAR. 5	57.31	MAY 31	77.47	AUG. 25	67.42
DEC. 5	61.25	MAR. 10	57.47	JUNE 5	73.60	AUG. 31	65.88
DEC. 10	60.80	MAR. 15	57.10	JUNE 10	82.21	SEP. 5	64.90
DEC. 15	60.90	MAR. 20	57.39	JUNE 15	87.55	SEP. 10	64.60
DEC. 20	60.28	MAR. 21	57.58H	JUNE 20	82.94	SEP. 15	65.31
DEC. 25	59.90	MAR. 25	57.58	JUNE 24	83.39H	SEP. 20	63.64
DEC. 31	59.44	MAR. 31	57.40	JUNE 25	82.11	SEP. 22	63.29H
JAN. 5, 1975	59.21	APR. 5	58.10	JUNE 30	76.21	SEP. 25	62.98
JAN. 10	58.66	APR. 10	58.20	JULY 5	73.04	SEP. 30	63.32
JAN. 15	58.60						

LAFAYETTE PARISH

300600N092041501 LOCAL WELL NUMBER: LF-437

OWNER: MRS.E.B.RICHARD AND MRS.E.S.VINCENT. (IRREG.SEC. 40, T. 11S., R. 4E.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 150 FT, SCREENED 130-150. MP TOP OF 4-IN CASING, 1.45 FT ABOVE LSD.
LSD 18.34 FT ABOVE MSL.
HIGHEST WATER LEVEL 12.06 BELOW LSD, MAY 14, 1947,
LOWEST WATER LEVEL 28.01 BELOW LSD, JUNE 24, 1975.
RECORDS AVAILABLE 1946-72, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	27.75	APR. 23, 1975	27.68	MAY 21, 1975	27.84	JUNE 24, 1975	28.01
MAR. 21	27.64						

301407N092000901 LOCAL WELL NUMBER: LF-516

OWNER: CITY OF LAFAYETTE.(IRREG.SEC.101,T.9S.,R.5E.)DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 286 FT, SCREENED 271-286. MP TOP OF 4-IN CASING, 0.50 FT ABOVE LSD.
LSD 40.37 FT ABOVE MSL.
HIGHEST WATER LEVEL 34.13 BELOW LSD, MAR. 23, 1959,
LOWEST WATER LEVEL 44.92 BELOW LSD, JULY 20, 1971.
RECORDS AVAILABLE 1958-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	42.29	JAN. 21, 1975	41.30	APR. 23, 1975	41.29	JULY 22, 1975	40.87
NOV. 4	42.28	FEB. 26	41.37	MAY 21	41.18	AUG. 21	40.53
NOV. 22	42.46	MAR. 21	41.25	JUNE 24	41.39	SEP. 22	40.56
DEC. 24	42.07						

LASALLE PARISH

314153N092075201 LOCAL WELL NUMBER: LA-157

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 8N., R. 3E.) BORED OBSERVATION WATER TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/2 IN, DEPTH 88 FT, SCREENED 85-88. MP TOP OF CASING, 3.5 FT ABOVE LSD.
LSD 211.90 FT ABOVE MSL.
HIGHEST WATER LEVEL 55.74 BELOW LSD, APR. 23, 1975,
LOWEST WATER LEVEL 59.27 BELOW LSD, OCT. 11, 1972.
RECORDS AVAILABLE 1969-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1974	57.55	JAN. 21, 1975	56.76	APR. 23, 1975	55.74	JULY 16, 1975	55.86

LINCOLN PARISH

324141N092390501 LOCAL WELL NUMBER: L-26

OWNER: TOWN OF DUBACH. (SEC. 26, T. 20N., R. 3W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 10-6 IN, DEPTH 686 FT, SCREENED 633-686. MP TOP OF 3/4-IN HOLE IN PLATE, 2.0 FT ABOVE LSD.
LSD 155.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 95.20 BELOW LSD, APR. 22, 1950,
LOWEST WATER LEVEL 147.47 BELOW LSD, SEP. 5, 1975.
RECORDS AVAILABLE 1950, 1962, 1967-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1974	143.96	JAN. 29, 1975	144.58	MAY 14, 1975	147.24	SEP. 5, 1975	147.47
NOV. 21	144.27	MAY 1	145.39				

LIVINGSTON PARISH

303034N090380301 LOCAL WELL NUMBER: LI-52

OWNER: COY KINCHEN. (SEC. 20, T. 6S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 4-IN, DEPTH 1865 FT, SCREENED 1825-1865. MP CENTER LINE OF 0.75-IN TEE, 1.25 FT ABOVE LSD.
LSD 46.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 176.20 BELOW LSD, NOV. 30, 1950,
LOWEST WATER LEVEL 55.50 BELOW LSD, OCT. 3, 1974.
RECORDS AVAILABLE 1950-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1974 +	55.50	JAN. 20, 1975 +	56.20	APR. 1, 1975 +	56.20	SEP. 12, 1975 +	56.20

302826N090344901 LOCAL WELL NUMBER: LI-54

OWNER: ST. MARGARETS CATHOLIC CHURCH. (SEC. 2, T. 7S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 2.5 IN, DEPTH 2144 FT, SCREENED 2104-2144. MP IS CENTER LINE OF 2-IN TEE, 0.8 FT ABOVE LSD.
LSD 33.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 121.80 BELOW LSD, NOV. 30, 1954, JAN. 10, 1955, FEB. 1, 1955,
LOWEST WATER LEVEL 69.80 BELOW LSD, JULY 15, 1975.
RECORDS AVAILABLE 1954-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975 +	71.80	APR. 1, 1975 +	70.80	JULY 15, 1975 +	69.80	SEP. 12, 1975 +	70.80

MADISON PARISH

322245N091073001 LOCAL WELL NUMBER: MA-10

OWNER: ILLINOIS CENTRAL RAILROAD CO. (SEC. 10, T. 16N., R. 13E.) DRILLED UNUSED SEMI-ARTESIAN WELL IN THE MISS. RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 85 FT, SCREENED 75-85. MP TOP OF CASING, .5 FT ABOVE LSD.
LSD 80.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.40 BELOW LSD, MAY 4, 1958,
LOWEST WATER LEVEL 17.37 BELOW LSD, AUG. 12, 1957.
RECORDS AVAILABLE 1953-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 13, 1974	11.00	APR. 23, 1975	5.95	AUG. 4, 1975	5.72	SEP. 4, 1975	7.48
JAN. 23, 1975	6.60						

MOREHOUSE PARISH

324626N091543901 LOCAL WELL NUMBER: MO-5

OWNER: INTERNATIONAL PAPER CO. (SEC. 25, T. 21N., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 10 IN, DEPTH 860 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF RECORDER FLOOR, 1.6 FT ABOVE LSD.
LSD 117.44 FT ABOVE MSL.
HIGHEST WATER LEVEL 143.85 BELOW LSD, DEC. 22, 1958,
LOWEST WATER LEVEL 219.40 BELOW LSD, SEP. 30, 1975.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	199.15	JAN. 14, 1975	199.64J	APR. 10, 1975	189.05	JULY 15, 1975	190.97
OCT. 10	199.05	JAN. 15	197.17	APR. 15	189.33	JULY 20	180.76
OCT. 15	200.57	JAN. 20	194.73	APR. 20	179.32	JULY 24	174.40H
OCT. 20	198.22	JAN. 25	195.14	APR. 21	175.41H	JULY 25	172.00
OCT. 25	197.98	JAN. 29	171.33J	MAY 5	187.50	JULY 31	188.65
OCT. 31	200.95	JAN. 31	171.33	MAY 10	190.27	AUG. 5	193.38
NOV. 5	200.63	FEB. 5	187.21	MAY 20	171.56	AUG. 10	196.31J
NOV. 10	198.85	FEB. 10	190.01	MAY 25	184.40	AUG. 15	191.46
NOV. 15	200.35	FEB. 15	190.97	MAY 31	189.51	AUG. 20	190.38
NOV. 20	201.46	FEB. 20	186.73	JUNE 5	190.57	AUG. 25	177.46
NOV. 25	202.53	FEB. 25	186.06	JUNE 10	191.59	AUG. 31	171.33J
NOV. 30	202.13	FEB. 28	182.28	JUNE 15	190.97	SEP. 5	187.38
DEC. 5	201.52	MAR. 5	180.43	JUNE 16	195.31J	SEP. 8	191.14H
DEC. 10	200.60	MAR. 10	189.10H	JUNE 20	190.10	SEP. 10	198.60
DEC. 15	200.41	MAR. 15	189.14	JUNE 23	193.89J	SEP. 15	199.56
DEC. 20	200.34	MAR. 18	194.78J	JUNE 25	191.34	SEP. 20	199.68
DEC. 25	174.86	MAR. 20	193.12	JUNE 30	188.39	SEP. 25	186.24
DEC. 31	193.85	MAR. 25	177.61	JULY 5	171.33J	SEP. 27	179.64J
JAN. 5, 1975	194.89	MAR. 29	171.33J	JULY 10	187.26	SEP. 30	219.40J
JAN. 10	198.70	APR. 5	188.90				

324704N091543801 LOCAL WELL NUMBER: MO-15

OWNER: INTERNATIONAL PAPER CO. (SEC. 25, T. 21N., R. 5E.) DRILLED UNUSED WATER TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 26-16 IN, DEPTH 105 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF STEEL BASE PLATE, 1.0 FT ABOVE LSD.
LSD 143.72 FT ABOVE MSL.
HIGHEST WATER LEVEL 74.83 BELOW LSD, APR. 29, 1953,
LOWEST WATER LEVEL 99.55 BELOW LSD, DEC. 17, 1974.
RECORDS AVAILABLE 1945-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 11, 1974	98.45	JAN. 27, 1975	96.77	APR. 21, 1975	94.93	JULY 24, 1975	93.41
DEC. 17	99.55	MAR. 10	95.18	JUNE 17	95.12	SEP. 8	94.06

325526N091530501 LOCAL WELL NUMBER: MO-345

OWNER: U. S. GEOL. SURVEY; (SEC. 5, T. 22N., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 786 FT, SCREENED 776-786. MP TOP OF CASING, 4.9 FT ABOVE LSD.
LSD 113.65 FT ABOVE MSL.
HIGHEST WATER LEVEL 100.76 BELOW LSD, JULY 16, 1968,
LOWEST WATER LEVEL 108.39 BELOW LSD, NOV. 11, 1974.
RECORDS AVAILABLE 1968-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 11, 1974	108.39	MAY 13, 1975	103.63	SEP. 9, 1975	107.10		

NATCHITOCHES PARISH

313918N093023101 LOCAL WELL NUMBER: NA-284

OWNER: U. S. GEOL. SURVEY. (SEC. 42, T. 8N., R. 7W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 72 FT, SCREENED 69-72. MP TOP OF CASING, 1.6 FT ABOVE LSD.
LSD 102.59 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.36 BELOW LSD, AUG. 22, 1969,
LOWEST WATER LEVEL 13.71 BELOW LSD, OCT. 1, 1956.
RECORDS AVAILABLE 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1974	7.40G	JAN. 16, 1975	3.30G	APR. 3, 1975	4.70G	JULY 15, 1975	4.10G
NOV. 6	5.20G	FEB. 10	3.50G	MAY 20	1.90G	AUG. 15	6.70G
NOV. 21	4.50G	MAR. 18	3.50G	JUNE 4	3.10G	SEP. 5	8.60G
DEC. 4	5.60G	MAR. 25	3.67				

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)
MAR. 25...	1440	24	4800	850	110	54	50	2.7	618	0

DATE	ALKA-LINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	DIS_SOLVED NITRITE (NO2) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)
MAR. 25...	507	50	21	.5	.01	.03	.56	614	621	.84

DATE	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CARBON DIOXIDE (CO2) (MG/L)
MAR. 25...	500	0	18	1.0	1000	6.7	21.0	8	197

ORLEANS PARISH

295652N090020101 LOCAL WELL NUMBER: OR-42

OWNER: U. S. NAVY. (SEC. 16, T. 13S., R. 24E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, REPORTED DEPTH 775 FT, SCREENED 664-775. MP TOP 2 X 6-IN RECORDER BASE, 1.0 FT ABOVE LSD.
LSD 10.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 40.07 BELOW LSD, MAY 25, 1942,
LOWEST WATER LEVEL 140.48 BELOW LSD, SEP. 20, 1968.
RECORDS AVAILABLE 1942, 1949-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	121.19	JAN. 15, 1975	110.35	APR. 10, 1975	110.48	JULY 15, 1975	112.95
OCT. 10	120.46	JAN. 20	109.46	APR. 15	110.16	JULY 17	113.62H
OCT. 15	119.75	JAN. 21	109.54H	APR. 20	110.88	JULY 20	114.18
OCT. 20	120.25	JAN. 25	110.00	APR. 25	111.24	JULY 25	114.15
OCT. 25	120.38	JAN. 30	110.11	APR. 30	111.43	JULY 31	114.78
OCT. 31	119.84	FEB. 5	110.13	MAY 5	111.05	AUG. 5	114.73
NOV. 5	119.18	FEB. 10	109.65	MAY 10	112.12	AUG. 10	114.31
NOV. 10	119.28	FEB. 15	109.47	MAY 15	111.90H	AUG. 15	113.73
NOV. 15	119.05	FEB. 20	109.86	MAY 20	111.68	AUG. 19	113.39H
NOV. 20	118.17	FEB. 24	109.40H	MAY 25	112.28	AUG. 20	113.71
NOV. 25	117.11	FEB. 25	109.70	MAY 31	113.31	AUG. 25	113.66
NOV. 30	115.58	FEB. 28	110.35	JUNE 5	113.61	AUG. 31	114.23
DEC. 5	114.91	MAR. 5	109.77H	JUNE 10	113.43	SEP. 5	114.13
DEC. 10	113.75	MAR. 10	108.91	JUNE 15	113.78	SEP. 10	113.77
DEC. 15	113.96	MAR. 15	110.19	JUNE 20	113.74	SEP. 15	113.39
DEC. 20	113.89	MAR. 20	109.96	JUNE 25	112.91H	SEP. 20	114.99
DEC. 25	112.07	MAR. 25	109.45	JUNE 30	112.53	SEP. 23	113.94H
DEC. 31	110.82	MAR. 31	109.48	JULY 5	112.82	SEP. 25	114.60
JAN. 5, 1975	110.64	APR. 3	110.55H	JULY 10	112.86	SEP. 30	114.59
JAN. 10	111.06	APR. 5	110.77				

300525N089464001 LOCAL WELL NUMBER: OR-175

OWNER: U. S. GEOL. SURVEY. (SEC. 38, T. 11S., R. 14E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 449 FT, SCREENED 439-449. MP TOP OF 2-IN CASING EXTENSION, 1.25 FT ABOVE LSD. SINCE 8/20/75.
LSD 9.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 19.84 BELOW LSD, SEP. 19, 1963,
LOWEST WATER LEVEL 35.60 BELOW LSD, FEB. 25, 1975.
RECORDS AVAILABLE 1963-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1974	35.15	APR. 3, 1975	35.33	AUG. 20, 1975	33.89	SEP. 23, 1975	33.26
FEB. 25, 1975	35.60						

OUACHITA PARISH

322901N092091501 LOCAL WELL NUMBER: OU-77

OWNER: OLIN MATHIESON CHEMICAL CORPORATION. (SEC. 3, T. 17N., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 16 IN, DEPTH 851 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF RECORDER FLOOR, 2.35 FT ABOVE LSD.
LSD 75.90 FT ABOVE MSL.
HIGHEST WATER LEVEL 168.82 BELOW LSD, JULY 7, 1952,
LOWEST WATER LEVEL 268.52 BELOW LSD, FEB. 24, 1954.
RECORDS AVAILABLE 1946-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	228.42	JAN. 10, 1975	220.74	APR. 5, 1975	219.20	JUNE 15, 1975	236.86
OCT. 10	221.98	JAN. 15	215.68	APR. 10	219.18	JUNE 20	234.68
OCT. 15	228.23	JAN. 20	220.26	APR. 15	220.21	JUNE 25	243.03J
OCT. 20	222.19	JAN. 25	222.11	APR. 20	218.83	JULY 18	237.75H
OCT. 25	223.49	JAN. 31	217.11	APR. 25	232.57	JULY 20	243.16
OCT. 31	232.00	FEB. 5	225.31	APR. 26	234.22J	JULY 25	240.31
NOV. 5	230.31	FEB. 10	218.31	APR. 29	224.23H	JULY 31	248.43
NOV. 10	227.51	FEB. 15	230.19	APR. 30	218.97	AUG. 5	250.35J
NOV. 15	227.48	FEB. 18	234.05J	MAY 2	213.12J	AUG. 10	240.19
NOV. 20	223.94	FEB. 20	225.55	MAY 5	222.56	AUG. 15	238.89
NOV. 25	228.23	FEB. 25	225.98	MAY 10	218.64	AUG. 20	235.45
NOV. 30	227.40	FEB. 26	225.50H	MAY 15	229.43	AUG. 25	238.51
DEC. 5	225.56	FEB. 28	225.18	MAY 20	224.41	AUG. 31	235.52
DEC. 10	228.85	MAR. 5	222.22	MAY 25	228.11	SEP. 2	234.32H
DEC. 15	221.78	MAR. 10	225.34	MAY 31	220.85	SEP. 5	230.79J
DEC. 20	227.22	MAR. 15	225.40	JUNE 5	235.30	SEP. 10	237.78
DEC. 25	216.31	MAR. 20	222.58	JUNE 8	241.66J	SEP. 15	244.30
DEC. 31	216.91	MAR. 24	217.75J	JUNE 9	235.49H	SEP. 20	247.39
JAN. 5, 1975	212.89	MAR. 25	222.93	JUNE 10	237.77	SEP. 25	242.62
JAN. 6	213.13H	MAR. 31	222.96	JUNE 11	228.83J	SEP. 30	240.52

323046N092035701 LOCAL WELL NUMBER: OU-96

OWNER: CITY OF MONROE. (IRREG. SEC. 38, T. 18N., R. 4E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 12 IN, DEPTH 364 FT, SCREENED 294-364. MP TOP OF BREATHER HOLE IN PUMP BASE, 3.00 FT ABOVE LSD.
LSD 74.10 FT ABOVE MSL.
HIGHEST WATER LEVEL 65.04 BELOW LSD, MAR. 5, 1946,
LOWEST WATER LEVEL 133.89 BELOW LSD, JULY 18, 1975.
RECORDS AVAILABLE 1946, 1948-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 15, 1974	123.30	MAR. 19, 1975	121.75	MAY 14, 1975	120.77	JULY 18, 1975	133.89
DEC. 19	125.00	APR. 21	123.46	JUNE 9	126.32	SEP. 2	124.49
JAN. 21, 1975	122.20						

323136N091592801 LOCAL WELL NUMBER: OU-151

OWNER: U. S. CORPS OF ENGINEERS. (SEC. 19, T. 18N., R. 5E.) DRILLED OBSERVATION SEMI-ARTESIAN WELL IN THE OUACHITA ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN, DEPTH 68 FT, SCREENED 58-68. MP TOP OF 3X2 REDUCER, 4.80 FT ABOVE LSD.
LSD 72.42 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.77 BELOW LSD, MAR. 19, 1975,
LOWEST WATER LEVEL 23.63 BELOW LSD, SEP. 22, 1954.
RECORDS AVAILABLE 1953-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 15, 1974	12.39	JAN. 22, 1975	4.79	APR. 24, 1975	5.76	JULY 18, 1975	7.18
DEC. 16	8.85	MAR. 19	3.77	JUNE 9	5.33	SEP. 3	8.54

323030N091554801 LOCAL WELL NUMBER: OU-404

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 18N., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 685 FT, SCREENED 678-685. MP TOP OF CASING, 4.77 FT ABOVE LSD.
LSD 60.89 FT ABOVE MSL.
HIGHEST WATER LEVEL 62.27 BELOW LSD, AUG. 7, 1968,
LOWEST WATER LEVEL 71.49 BELOW LSD, NOV. 15, 1974.
RECORDS AVAILABLE 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 15, 1974	71.49	APR. 24, 1975	70.73	JULY 18, 1975	70.51	SEP. 3, 1975	68.78
JAN. 22, 1975	70.27	MAY 12	70.17	AUG. 7	70.51		

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)
AUG. 07...	1715	12	30	10	2.7	.4	420	1.8	401

DATE	CARBONATE (CO3) (MG/L)	ALKALINITY AS CACO3 (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRITE (N) (MG/L)	DISSOLVED NITRITE (NO2) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)
AUG. 07...	44	402	1.8	370	.6	.00	.00	.01	950

DATE	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER AC-FT)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	COLOR (PLATINUM-COBALT UNITS)
AUG. 07...	1050	1.29	8	0	99	63	1880	25

POINTE COUPEE PARISH

304643N091434901 LOCAL WELL NUMBER: PC-49

OWNER: U.S. GEOLOGICAL SURVEY. (SEC. 32, T. 3S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN MISS. RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 137 FT, SCREENED 132-137 FT. MP TOP OF 4-IN CASING, 1.0 FT ABOVE LSD.
LSD 36.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.59 BELOW LSD, MAR. 29, 1962,
LOWEST WATER LEVEL 28.95 BELOW LSD, NOV. 4, 1963.
RECORDS AVAILABLE 1955-68, 1973-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	20.80	FEB. 6, 1975	8.15	APR. 3, 1975	.65	AUG. 8, 1975	17.70

303402N091325501 LOCAL WELL NUMBER: PC-70

OWNER: THEO H. GLAZIER SR. (SEC. 16, T. 6S., R. 9E.) DRILLED-PUBLIC SUPPLY ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 4 IN, DEPTH REPORTED 2294 FT, SCREENED 2259-2294. MP CENTERLINE OF TEE, 0.8 FT ABOVE LSD.
LSD 26.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 69.50 BELOW LSD, JULY 15, 1960,
LOWEST WATER LEVEL 18.30 BELOW LSD, SEP. 15, 1975.
RECORDS AVAILABLE 1960-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1974 +	19.30	APR. 3, 1975 +	18.90	AUG. 8, 1975 +	18.90	SEP. 15, 1975 +	18.30
FEB. 6, 1975 +	18.80						

RAPIDES PARISH

311922N092273401 LOCAL WELL NUMBER: R-26

OWNER: MISSOURI PACIFIC RR. (SEC. 40, T. 4N., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 10 IN, DEPTH APPROXIMATELY 1100 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF RECORDER SHELTER FLOOR, 4.9 FT ABOVE LSD.
LSD 83.50 FT ABOVE MSL.
HIGHEST WATER LEVEL 83.29 BELOW LSD, FEB. 26, 1957,
LOWEST WATER LEVEL 168.66 BELOW LSD, AUG. 10, 1943.
RECORDS AVAILABLE 1938-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	101.03	JAN. 15, 1975	99.49	MAR. 31, 1975	97.50	JUNE 19, 1975	98.18J
OCT. 10	101.15	JAN. 20	99.66	APR. 5	97.45	JUNE 20	98.15
OCT. 15	101.18	JAN. 23	99.81	APR. 9	97.06J	JUNE 23	98.14H
OCT. 20	101.27	JAN. 25	99.73	APR. 10	97.13	JUNE 25	98.35
OCT. 25	101.42	JAN. 27	99.74H	APR. 15	97.25	JUNE 30	98.74
OCT. 31	101.40	JAN. 28	99.81J	APR. 20	97.51	JULY 5	98.80
NOV. 5	101.21	JAN. 31	99.76	APR. 22	97.56H	JULY 10	98.88
NOV. 10	101.02	FEB. 5	99.16	APR. 25	97.60	JULY 15	98.97
NOV. 15	100.98	FEB. 10	98.99	APR. 30	97.60	JULY 20	98.96
NOV. 20	100.67	FEB. 15	98.72	MAY 5	97.30	JULY 25	98.73H
NOV. 25	100.78	FEB. 20	98.56	MAY 8	97.05J	JULY 31	98.93
NOV. 30	100.47	FEB. 23	98.35J	MAY 10	97.14	AUG. 5	99.04
DEC. 5	100.34	FEB. 24	98.49H	MAY 15	97.38	AUG. 10	99.31
DEC. 10	99.99	FEB. 25	98.57	MAY 20	97.53	AUG. 15	99.51
DEC. 15	99.85	FEB. 26	98.60J	MAY 25	97.75	AUG. 20	99.73
DEC. 20	100.05	FEB. 28	98.58	MAY 27	97.82H	AUG. 25	99.85H
DEC. 25	99.62	MAR. 5	98.43	MAY 31	97.89	AUG. 31	99.91
DEC. 31	99.32	MAR. 10	98.34	JUNE 5	97.85	SEP. 22	100.90H
JAN. 5, 1975	99.34	MAR. 15	97.95	JUNE 10	97.85	SEP. 25	100.99
JAN. 7	99.25H	MAR. 20	97.60	JUNE 11	97.60J	SEP. 30	101.27J
JAN. 10	99.17J	MAR. 25	97.65	JUNE 15	97.97		

312409N092520901 LOCAL WELL NUMBER: R-879

OWNER: U. S. GEOL. SURVEY. (SEC. 22, T. 5N., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CATAHOULA FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 810 FT, SCREENED 800-810. MP TOP OF CASING, 4.0 FT ABOVE LSD.
LSD 300.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 209.43 BELOW LSD, APR. 8, 1969,
LOWEST WATER LEVEL 212.50 BELOW LSD, OCT. 22, 1974.
RECORDS AVAILABLE 1967-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	212.50	JAN. 13, 1975	211.52	MAY 19, 1975	211.20	AUG. 15, 1975	211.21
NOV. 4	211.72	MAR. 3	211.46	JULY 10	211.09	SEP. 10	211.39
DEC. 13	211.54	APR. 11	211.30				

RED RIVER PARISH

320019N093225601 LOCAL WELL NUMBER: RR-141

OWNER: U. S. GEOL. SURVEY. (SEC. 22, T. 12N., R. 10W.) BORED OBSERVATION SEMI-ARTESIAN WELL RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 42 FT, SCREENED 39-42. MP TOP OF CASING, 1.0 FT ABOVE LSD.
LSD 128.19 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.18 BELOW LSD, JUNE 12, 1975,
LOWEST WATER LEVEL 20.76 BELOW LSD, FEB. 2, 1957.
RECORDS AVAILABLE 1954-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1974	8.20G	JAN. 13, 1975	1.90G	APR. 23, 1975	4.25	JULY 9, 1975	2.30G
NOV. 6	5.90G	FEB. 11	2.40G	MAY 9	2.40G	AUG. 5	5.50G
NOV. 20	3.90G	MAR. 11	3.10G	JUNE 3	2.60G	SEP. 8	8.90G
DEC. 2	3.80G	APR. 3	3.60G	JUNE 12	1.18		

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	TIME	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)
APR. 23...	1155	19	90	1700	74	57	22	.5	529	0
JUNE 12...	1200	--	170	1600	--	--	--	--	--	--

DATE	ALKALINITY AS CACO3 (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	DIS_SOLVED NITRITE (NO2) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)
APR. 23...	434	25	3.5	.9	.00	.00	.00	463	462	.63
JUNE 12...	--	32	5.0	--	--	--	--	--	--	--

DATE	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	PERCENT SODIUM	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	CARBON DIOXIDE (CO2) (MG/L)
APR. 23...	420	0	10	.5	812	6.8	--	5	134
JUNE 12...	490	--	--	--	859	6.6	21.0	--	--

SABINE PARISH

311930N093362301 LOCAL WELL NUMBER: SA-387

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 4N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 402 FT, SCREENED 397-402. MP TOP OF CASING, 1.5 FT ABOVE LSD.
LSD 210.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 39.59 BELOW LSD, JUNE 4, 1969,
LOWEST WATER LEVEL 67.86 BELOW LSD, OCT. 28, 1965.
RECORDS AVAILABLE 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	43.75	JAN. 13, 1975	41.15	MAY 22, 1975	41.53	AUG. 12, 1975	41.93
NOV. 4	42.69	FEB. 28	42.56	JULY 3	42.85	SEP. 9	43.20
DEC. 13	41.19	APR. 8	43.44				

312313N093352801 LOCAL WELL NUMBER: SA-389

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 5N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 383 FT, SCREENED 378-383. MP TOP OF CASING, 1.3 FT ABOVE LSD.
LSD 260.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 70.58 BELOW LSD, MAR. 27, 1969,
LOWEST WATER LEVEL 77.49 BELOW LSD, FEB. 2, 1967.
RECORDS AVAILABLE 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	73.92	JAN. 14, 1975	73.43	APR. 8, 1975	73.60	JULY 3, 1975	73.09

ST. CHARLES PARISH

300022N090241001 LOCAL WELL NUMBER: SC-9

OWNER: SHELL OIL CO. (SEC. 6, T. 12S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 24 IN, DEPTH 808 FT, SCREENED 673-808. MP TOP OF COVER PLATE, AT LSD.
LSD 4.79 FT ABOVE MSL.
HIGHEST WATER LEVEL 12.40 BELOW LSD, JAN. 19, 1950,
LOWEST WATER LEVEL 39.98 BELOW LSD, SEP. 14, 1953.
RECORDS AVAILABLE 1943, 1949-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	28.36	JAN. 15, 1975	28.36	APR. 15, 1975	26.51	JULY 15, 1975	28.36
OCT. 10	28.46	JAN. 20	28.26	APR. 20	26.98	JULY 17	28.45H
OCT. 15	28.53	JAN. 21	28.28H	APR. 25	27.84	JULY 20	28.39
OCT. 20	28.75	JAN. 25	28.11	APR. 30	28.11	JULY 25	28.42
OCT. 25	28.76	JAN. 30	27.90	MAY 5	27.86	JULY 31	28.41
OCT. 31	28.76	FEB. 5	28.31	MAY 10	27.61	AUG. 5	28.41
NOV. 5	28.78	FEB. 10	28.23	MAY 15	27.63H	AUG. 10	28.48
NOV. 10	28.69	FEB. 15	28.01	MAY 20	27.80	AUG. 15	28.51
NOV. 15	28.57	FEB. 20	27.97	MAY 25	27.86	AUG. 19	28.63H
NOV. 20	28.36	FEB. 25	28.20H	MAY 31	27.97	AUG. 20	28.63
NOV. 25	28.51	FEB. 28	28.11	JUNE 5	28.44	AUG. 25	28.50
NOV. 30	28.40	MAR. 5	27.91	JUNE 10	28.55	AUG. 31	28.38
DEC. 5	28.41	MAR. 10	27.94	JUNE 15	28.36	SEP. 5	28.40
DEC. 10	28.36	MAR. 15	28.00	JUNE 20	28.29	SEP. 10	28.22
DEC. 15	28.34	MAR. 20	27.77	JUNE 24	28.15H	SEP. 15	28.25
DEC. 20	28.39	MAR. 25	27.79	JUNE 25	28.08	SEP. 20	28.19
DEC. 25	28.56	MAR. 31	27.68	JUNE 30	28.13	SEP. 23	27.90H
DEC. 31	28.62	APR. 4	27.66H	JULY 5	28.17	SEP. 25	28.13
JAN. 5, 1975	28.61	APR. 5	27.66	JULY 10	28.28	SEP. 30	28.48
JAN. 10	28.29	APR. 10	27.48				

300022N090241002 LOCAL WELL NUMBER: SC-14

OWNER: SHELL OIL CO. (SEC. 6, T. 12S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 18 IN, DEPTH 404 FT, SCREENED 324-404. MP TOP OF CASING, AT LSD.
LSD 5.51 FT ABOVE MSL.
HIGHEST WATER LEVEL 32.72 BELOW LSD, AUG. 10, 1975,
LOWEST WATER LEVEL 90.74 BELOW LSD, SEP. 17, 1957.
RECORDS AVAILABLE 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	46.13	JAN. 25, 1975	41.47	APR. 10, 1975	35.90	JUNE 25, 1975	36.57
OCT. 8	46.05	JAN. 30	42.88	APR. 15	36.12	JUNE 30	36.45
NOV. 20	45.41	FEB. 5	40.29	APR. 20	36.09	JULY 5	36.65
NOV. 25	45.62	FEB. 10	39.01	APR. 25	35.74	JULY 10	36.63
NOV. 30	45.40	FEB. 15	43.79	APR. 30	35.88	JULY 15	36.93
DEC. 5	44.11	FEB. 20	43.86	MAY 5	35.03	JULY 17	36.29H
DEC. 10	43.63	FEB. 25	41.34H	MAY 10	34.63	JULY 20	37.42
DEC. 15	39.78	FEB. 28	41.48	MAY 15	34.76H	JULY 25	37.86
DEC. 20	39.52	MAR. 5	42.80	MAY 20	34.80	JULY 31	37.77
DEC. 25	39.47	MAR. 10	41.95	MAY 25	36.35	AUG. 5	33.08
DEC. 31	39.38	MAR. 15	41.73	MAY 31	36.62	AUG. 10	32.72
JAN. 5, 1975	39.18	MAR. 20	41.14	JUNE 5	34.76	AUG. 15	37.62
JAN. 10	38.80	MAR. 25	40.56	JUNE 10	34.53	AUG. 19	38.24H
JAN. 15	39.16	MAR. 31	37.89	JUNE 15	33.37	SEP. 23	37.68H
JAN. 20	38.55	APR. 4	36.55H	JUNE 20	35.72	SEP. 25	37.77
JAN. 21	37.93H	APR. 5	36.56	JUNE 24	36.26H	SEP. 30	38.77

ST. HELENA PARISH

304051N090385401 LOCAL WELL NUMBER: SH-7

OWNER: ST. HELENA WATER SYSTEMS, INC. (SEC. 51, T. 4S., R. 6E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2082 FT, SCREENED 2052-2082. MP HOLE IN SANITARY SEAL, 2.00 FT ABOVE LSD.
LSD 130.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 39.10 BELOW LSD, MAR. 18, 1955,
LOWEST WATER LEVEL 14.95 BELOW LSD, SEP. 12, 1975.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1974	13.35	MAR. 25, 1975	13.50	JULY 8, 1975	14.00	SEP. 12, 1975	14.95
JAN. 16, 1975	13.74						

ST. JOHN THE BAPTIST PARISH

300240N090265601 LOCAL WELL NUMBER: SJB-17

OWNER: J. ESPARROS. (SEC. 54, T. 11S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 310 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF HOLE IN PLATE, 1.00 FT ABOVE LSD.
LSD 7.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 17.84 BELOW LSD, JULY 17, 1975,
LOWEST WATER LEVEL 41.59 BELOW LSD, JAN. 23, 1957.
RECORDS AVAILABLE 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1974	23.55	FEB. 25, 1975	21.55	APR. 4, 1975	19.52	JULY 17, 1975	17.84

300234N090390301 LOCAL WELL NUMBER: SJB-145

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 315 FT, SCREENED 305-315. MP TOP OF 4-IN CAP, 2.60 FT ABOVE LSD.
LSD 18.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.91 BELOW LSD, MAY 17, 1973,
LOWEST WATER LEVEL 21.34 BELOW LSD, JAN. 13, 1964.
RECORDS AVAILABLE 1962-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 10, 1974	16.85	JAN. 23, 1975	9.55	MAY 14, 1975	5.13	JULY 16, 1975	12.79
NOV. 18	14.55	FEB. 24	7.97	JUNE 26	10.10	AUG. 18	15.90
DEC. 18	14.03	APR. 3	4.99				

ST. LANDRY PARISH

304645N091492501 LOCAL WELL NUMBER: SL-171

OWNER: U.S.GEOL.SURVEY.(SEC.23,T.3S.,R.6E.) DRILLED OBSERVATION ARTESIAN WELL IN ATCHAFALAYA AQUIFER OF HOLOCENE AGE, DIAM 4 IN, DEPTH 89 FT, SCREENED 84-89. MP TOP OF 4-IN CASING, 1.60 FT ABOVE LSD.
LSD 30.83 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.92 BELOW LSD, MAY 16, 1973,
LOWEST WATER LEVEL 20.32 BELOW LSD, NOV. 4, 1963.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 23, 1974	4.65	MAR. 24, 1975	.85	JUNE 24, 1975	2.94	AUG. 21, 1975	9.94
JAN. 22, 1975	2.70	APR. 24	.20	JULY 23	6.52	SEP. 22	12.29
FEB. 21	1.89	MAY 22	1.10				

303150N092252101 LOCAL WELL NUMBER: SL-200

OWNER: U.S.GEOL.SURVEY.(SEC.13,T.6S.,R.1W.) DRILLED OBSERVATION ARTESIAN WELL IN EVANGELINE AQUIFER OF PLIOCENE AGE, DIAM 2 IN, DEPTH 708 FT, SCREENED 703-708. MP TOP OF 2-IN CASING, 0.40 FT ABOVE LSD. SINCE 3/21/75.
LSD 50.72 FT ABOVE MSL.
HIGHEST WATER LEVEL 68.57 BELOW LSD, APR. 26, 1966,
LOWEST WATER LEVEL 80.39 BELOW LSD, SEP. 19, 1972.
RECORDS AVAILABLE 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 1, 1974	79.63	JAN. 22, 1975	78.43	APR. 24, 1975	77.33	JULY 22, 1975	78.56
NOV. 21	79.81	FEB. 27	77.96	MAY 22	77.34	AUG. 21	78.95
DEC. 23	78.83	MAR. 21	79.14	JUNE 25	78.03	SEP. 22	78.99

303150N092252102 LOCAL WELL NUMBER: SL-201

OWNER: U.S.GEOL.SURVEY.(SEC.13,T.6S.,R.1W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 203 FT, SCREENED 197-203. MP TOP OF 2-IN CASING, .40 FT ABOVE LSD. SINCE 3/21/75.
LSD 50.55 FT ABOVE MSL.
HIGHEST WATER LEVEL 79.08 BELOW LSD, MAR. 23, 1966,
LOWEST WATER LEVEL 114.14 BELOW LSD, JULY 25, 1973.
RECORDS AVAILABLE 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 1, 1974	96.81	JAN. 22, 1975	92.59	APR. 24, 1975	93.25	JULY 22, 1975	99.42
NOV. 21	95.46	FEB. 27	91.64	MAY 22	103.08	AUG. 21	98.20
DEC. 23	93.97	MAR. 21	95.25	JUNE 25	103.83	SEP. 22	95.39

ST. MARTIN PARISH

301642N091412001 LOCAL WELL NUMBER: SMN-102

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 9 S., R. 8 E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 1/2, IN DEPTH 186 FT, SCREENED 176-186. MP TOP OF 2-IN CASING, 1.70 FT ABOVE LSD.
LSD 21.87 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.50 BELOW LSD, APR. 29, 1975,
LOWEST WATER LEVEL 17.83 BELOW LSD, SEP. 15, 1964.
RECORDS AVAILABLE 1964-72, 1974-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 26, 1975	6.46	APR. 29, 1975	3.50	JUNE 30, 1975	7.56	SEP. 22, 1975	15.58
MAR. 24	4.81	JUNE 2	4.90	AUG. 5	12.16		

ST. MARY PARISH

294749N091402302 LOCAL WELL NUMBER: SM-57L

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14 S., R. 8 E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 1/2 IN, DEPTH 738 FT, SCREENED 728-738. MP TOP OF 1 1/2-IN PIPE, 2.50 FT ABOVE LSD.
LSD 8.72 FT ABOVE MSL.
HIGHEST WATER LEVEL 7.54 BELOW LSD, AUG. 16, 1973,
LOWEST WATER LEVEL 11.93 BELOW LSD, OCT. 22, 1970.
RECORDS AVAILABLE 1964-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1975	8.74	APR. 30, 1975	7.99	JUNE 30, 1975	8.18	SEP. 22, 1975	7.91
MAR. 20	8.54	JUNE 6	8.15	AUG. 5	8.07		

ST. TAMMANY PARISH

302055N090014601 LOCAL WELL NUMBER: ST-12

OWNER: PARKS AND REC. COMM. (SEC. 37, T. 8S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 6 IN, DEPTH 1525 FT, SCREENED INTERVAL UNKNOWN. MP CENTERLINE OF 4" TEE, 2.3 FT BELOW LSD. SINCE 7/10/75.
LSD 7.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 55.90 BELOW LSD, JULY 25, 1940,
LOWEST WATER LEVEL 23.50 BELOW LSD, JAN. 7, 1970.
RECORDS AVAILABLE 1939-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 17, 1974 +	28.80	MAY 6, 1975 +	31.70	JULY 10, 1975 +	25.90B	SEP. 12, 1975 +	25.70
FEB. 21, 1975 +	29.60						

303529N089550601 LOCAL WELL NUMBER: ST-16

OWNER: BOGALUSA TUNG OIL CO. (SEC. 29, T. 5S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 1000 FT, SCREENED INTERVAL UNKNOWN. MP CENTER LINE OF DISCHARGE PIPE, 4.0 FT ABOVE LSD.
LSD 78.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 38.10 BELOW LSD, JULY 11, 1946,
LOWEST WATER LEVEL 14.00 BELOW LSD, JAN. 8, 1970, MAY 14, 1974.
RECORDS AVAILABLE 1939-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1974 +	17.70	MAR. 26, 1975 +	20.50	JUNE 4, 1975 +	19.60	SEP. 12, 1975 +	20.00
JAN. 16, 1975 +	20.80						

302854N090010601 LOCAL WELL NUMBER: ST-449

OWNER: A. T. FLOT. (SEC. 32, T. 6S., R. 12E.) HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 2.5 IN, REPORTED DEPTH 615 FT, SCREENED 585-615. MP CENTER LINE OF HORIZONTAL PIPE, 2.1 FT ABOVE LSD.
LSD 35.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 10.90 BELOW LSD, JUNE 20, 1950,
LOWEST WATER LEVEL 3.30 BELOW LSD, OCT. 30, 1956.
RECORDS AVAILABLE 1950-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 21, 1975 +	8.60	MAY 6, 1975 +	5.90	JULY 10, 1975 +	8.70	SEP. 12, 1975 +	8.50

302852N090010601 LOCAL WELL NUMBER: ST-545

OWNER: A. T. FLOT. (SEC. 32, T. 6S., R. 12E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF PLIOCENE AGE, DIAM 2.5 IN, REPORTED DEPTH 1598 FT, SCREENED 1548-1598. MP TOP EDGE OF CEMENT-BLOCK SECTION OF BUNKHOUSE WALL, 3.0 FT BELOW LSD.
LSD 35.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 97.00 BELOW LSD, MAR. 11, 1953,
LOWEST WATER LEVEL 56.80 BELOW LSD, JUNE 5, 1975.
RECORDS AVAILABLE 1953-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 21, 1975 +	60.00	JUNE 5, 1975 +	56.80	JULY 10, 1975 +	57.00	SEP. 12, 1975 +	57.00

302406N090093101 LOCAL WELL NUMBER: ST-562

OWNER: TOWN OF MADISONVILLE. (SEC. 39, T. 7S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 4 IN, DEPTH 1901 FT, SCREENED 1840-1901. MP CENTER LINE OF 4-IN DISCHARGE LINE, 3.1 FT ABOVE LSD.
LSD 4.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 119.20 BELOW LSD, NOV. 17, 1961,
LOWEST WATER LEVEL 92.90 BELOW LSD, JULY 10, 1975.
RECORDS AVAILABLE 1957-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 17, 1974 +	93.90	MAY 6, 1975 +	93.90	JULY 10, 1975 +	92.90	SEP. 12, 1975 +	93.10
FEB. 21, 1975 +	94.30						

301536N089470901 LOCAL WELL NUMBER: ST-563

OWNER: TOWN OF SLIDELL. (SEC. 15, T. 9S., R. 14E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 10, DEPTH 2411 FT, SCREENED 2262-2411. MP CENTER LINE OF FAUCET ON DISCHARGE LINE, 3.5 FT ABOVE LSD.
LSD 4.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 118.90 BELOW LSD, JUNE 12, 1958,
LOWEST WATER LEVEL 78.50 BELOW LSD, SEP. 22, 1975.
RECORDS AVAILABLE 1957-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 18, 1974 +	84.50	MAY 6, 1975 +	80.70	JULY 11, 1975 +	80.50	SEP. 22, 1975 +	78.50
FEB. 21, 1975 +	81.90						

TANGIPAHOA PARISH

302606N090263401 LOCAL WELL NUMBER: TA-7

OWNER: TOWN OF PONCHATOULA. (SEC. 18, T. 7S., R. 8E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 6 IN, REPORTED DEPTH 654 FT, SCREENED INTERVAL UNKNOWN. MP IS TOP OF TEE AT WELL, 0.73 FT ABOVE LSD.
LSD 22.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 11.60 BELOW LSD, AUG. 8, 1939, FEB. 3, 1942,
LOWEST WATER LEVEL 1.42 BELOW LSD, JULY 21, 1971.
RECORDS AVAILABLE 1939-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1974 +	4.92	MAR. 31, 1975 +	5.18	JULY 14, 1975 +	5.43	SEP. 12, 1975 +	5.43
JAN. 20, 1975 +	5.49						

302445N090220001 LOCAL WELL NUMBER: TA-19

OWNER: VICTOR STEVENS. (SEC. 26, T. 7S., R. 8E.) DRILLED DOMESTIC AND IRRIGATION ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 2 IN, REPORTED DEPTH 535 FT, SCREENED 515-535. MP TOP OF CONCRETE SIDEWALK LEVEL WITH LSD.
LSD 5.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 20.70 BELOW LSD, APR. 3, 1947,
LOWEST WATER LEVEL 10.50 BELOW LSD, MAR. 10, 1967.
RECORDS AVAILABLE 1939-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975 +	15.50	MAR. 31, 1975 +	15.60	JULY 14, 1975 +	14.10	SEP. 12, 1975 +	15.60

302549N090222601 LOCAL WELL NUMBER: TA-242

OWNER: BYRON STEVENS. (SEC. 23, T. 7S., R. 8E.) DRILLED IRRIGATION ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 2 IN, DEPTH 405 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 2-IN TEE, 1.0 FT ABOVE LSD.
LSD 20.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 14.90 BELOW LSD, APR. 3, 1947,
LOWEST WATER LEVEL 7.30 BELOW LSD, MAY 9, 1963.
RECORDS AVAILABLE 1944-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975 +	11.20	MAR. 31 +	11.00	SEP. 12, 1975 +	11.00		

302956N090274201 LOCAL WELL NUMBER: TA-253

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 2 SAND OF MIO-PLIOCENE AGE, DIAM 8 IN, DEPTH 2190 FT, SCREENED 2070-2190. MP TOP OF HORIZONTAL DISCHARGE PIPE, 2.0 FT ABOVE LSD.
LSD 35.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 106.03 BELOW LSD, DEC. 16, 1952,
LOWEST WATER LEVEL 66.00 BELOW LSD, JAN. 12, 1970.
RECORDS AVAILABLE 1952-63, 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 16, 1974 +	71.00	MAR. 26, 1975 +	70.00	JULY 14, 1975 +	69.00	SEP. 12, 1975 +	69.50
JAN. 21, 1975 +	71.00						

304550N090304101 LOCAL WELL NUMBER: TA-260

OWNER: TOWN OF ROSELAND. (SEC. 28, T. 3S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2013 FT, SCREENED 1951-2013. MP TOP OF 0.75-IN VALVE, 3.65 FT ABOVE LSD.
LSD 130.86 FT ABOVE MSL.
HIGHEST WATER LEVEL 34.65 BELOW LSD, MAY 5, 1953,
LOWEST WATER LEVEL 10.93 BELOW LSD, OCT. 2, 1974.
RECORDS AVAILABLE 1953-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 2, 1974	10.93	JAN. 21, 1975	10.42	MAR. 26, 1975	7.95	SEP. 12, 1975	8.55

303806N090295903 LOCAL WELL NUMBER: TA-262

OWNER: TOWN OF INDEPENDENCE. (SEC. 10, T. 5S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 3 IN, DEPTH 2316 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 4-IN TEE, 2.4 FT ABOVE LSD.
LSD 85.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 79.80 BELOW LSD, JAN. 6, 1954,
LOWEST WATER LEVEL 21.90 BELOW LSD, JAN. 21, 1975.
RECORDS AVAILABLE 1954-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1974 +	22.60	MAR. 26, 1975 +	23.00	JULY 10, 1975 +	22.90	SEP. 12, 1975 +	22.40
JAN. 21, 1975 +	21.90						

302519N090311401 LOCAL WELL NUMBER: TA-273

OWNER: DOMINICAN SISTERS CONVENT. (SEC. 44, T. 7S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 3 IN, DEPTH 2329 FT, SCREENED 2289-2329. MP CENTER LINE OF TEE, 2.0 FT ABOVE LSD.
LSD 11.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 127.20 BELOW LSD, APR. 12, 1960, MAY 17, 1960,
LOWEST WATER LEVEL 90.00 BELOW LSD, SEP. 26, 1974.
RECORDS AVAILABLE 1960-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 20, 1975 +	93.50	MAR. 31 +	95.00	SEP. 12, 1975 +	93.50		

UNION PARISH

324417N092090001 LOCAL WELL NUMBER: UN-26

OWNER: OLIN INDUSTRIES, INC. (SEC. 10, T. 20N., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 8 IN, DEPTH 750 FT, SCREENED 675-750. MP TOP OF 3/4-IN COLLAR, 1.9 FT ABOVE LSD.
LSD 133.92 FT ABOVE MSL.
HIGHEST WATER LEVEL 141.11 BELOW LSD, JULY 26, 1959,
LOWEST WATER LEVEL 174.06 BELOW LSD, MAY 7, 1972.
RECORDS AVAILABLE 1956-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1974	172.05	JAN. 23, 1975	172.10	MAY 13, 1975	171.96	SEP. 8, 1975	172.06
NOV. 13	172.35	APR. 21	171.52	AUG. 5	171.39		

324917N092242001 LOCAL WELL NUMBER: UN-80

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 21N., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 710 FT, SCREENED 700-710. MP TOP OF CASING, 3.75 FT ABOVE LSD.
LSD 190.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 183.65 BELOW LSD, OCT. 8, 1968,
LOWEST WATER LEVEL 200.73 BELOW LSD, MAY 13, 1975.
RECORDS AVAILABLE 1968-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 20, 1974	199.79	APR. 16, 1975	199.17	JULY 30, 1975	199.94	SEP. 5, 1975	200.42
JAN. 29, 1975	200.06	MAY 13	200.73				

VERMILION PARISH

300245N092200301 LOCAL WELL NUMBER: VE-333

OWNER: SIDNEY HERPIN.(SEC.35,T.11S.,R.1E.)DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, REPORTED DEPTH 280 FT. SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 4.31 FT ABOVE LSD.
LSD 14.03 FT ABOVE MSL.
HIGHEST WATER LEVEL 15.69 BELOW LSD, MAR. 21, 1950,
LOWEST WATER LEVEL 50.69 BELOW LSD, JUNE 24, 1968.
RECORDS AVAILABLE 1948-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1974	46.62	JAN. 21, 1975	35.21	APR. 23, 1975	40.57	JULY 22, 1975	40.32
OCT. 22	38.21	FEB. 27	34.99	MAY 21	44.71	AUG. 21	38.37
NOV. 22	37.08	MAR. 21	41.28	JUNE 24	43.00	SEP. 22	37.24
DEC. 6	35.95						

293845N092264901 LOCAL WELL NUMBER: VE-639

OWNER: U.S.GEOL.SURVEY.(SEC.2,T.16S.,R.1W.)DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 608 FT, SCREENED 603-608. MP TOP OF 2-IN CASING, 3.0 FT ABOVE LSD.
LSD 5.84 FT ABOVE MSL.
HIGHEST WATER LEVEL 6.22 BELOW LSD, OCT. 20, 1965,
LOWEST WATER LEVEL 9.11 BELOW LSD, SEP. 22, 1972.
RECORDS AVAILABLE 1965-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 21, 1975	8.79	APR. 23, 1975	8.57	JUNE 24, 1975	8.49	AUG. 21, 1975	8.84
FEB. 27	8.95	MAY 21	8.64	JULY 22	8.69	SEP. 22	8.47
MAR. 20	8.74						

VERNON PARISH

310343N093125901 LOCAL WELL NUMBER: V-104

OWNER: U. S. ARMY, FORT POLK. (SEC. 17, T. 1N., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN THE WILLIAMSON CREEK MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 8 IN, DEPTH 854 FT, SCREENED 836-854. MP TOP OF CASING, 1.0 FT ABOVE LSD.
LSD 345.80 FT ABOVE MSL.
HIGHEST WATER LEVEL 170.00 BELOW LSD, FEB. 2, 1941,
LOWEST WATER LEVEL 240.18 BELOW LSD, AUG. 25, 1972.
RECORDS AVAILABLE 1941, 1952-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	229.05	JAN. 8, 1975	221.68J	APR. 10, 1975	225.20	JULY 5, 1975	226.36
OCT. 10	229.12	JAN. 10	224.62	APR. 13	222.92	JULY 10	226.79H
OCT. 15	228.89	JAN. 15	223.65	APR. 15	224.22	JULY 11	226.46J
OCT. 20	227.01	JAN. 20	223.83	APR. 20	223.57	JULY 15	227.20
OCT. 25	227.58	JAN. 25	225.46	APR. 25	224.51	JULY 20	228.40
OCT. 31	227.17	JAN. 31	227.06	APR. 30	224.12	JULY 25	230.23
NOV. 5	226.07	FEB. 5	226.39	MAY 5	224.09	JULY 31	229.18
NOV. 10	226.52	FEB. 10	227.23	MAY 10	225.56	AUG. 5	229.35
NOV. 15	226.93	FEB. 15	226.63	MAY 15	225.79	AUG. 10	228.26
NOV. 20	227.98	FEB. 20	230.73	MAY 20	227.41	AUG. 15	229.56
NOV. 25	226.58	FEB. 25	226.94	MAY 25	227.25	AUG. 20	229.86
NOV. 30	225.98	FEB. 28	226.83	MAY 31	227.35	AUG. 25	228.54
DEC. 5	225.08	MAR. 5	226.48	JUNE 5	227.56	AUG. 31	231.53
DEC. 10	224.85	MAR. 10	225.52	JUNE 10	225.72	SEP. 5	236.25
DEC. 15	223.72	MAR. 15	226.10	JUNE 15	226.29	SEP. 10	233.37
DEC. 20	223.44	MAR. 20	225.37	JUNE 20	226.86	SEP. 15	232.70
DEC. 25	222.72	MAR. 25	226.22	JUNE 25	227.09	SEP. 20	233.59
DEC. 31	221.97	MAR. 31	226.52	JUNE 28	229.02	SEP. 25	233.45
JAN. 2, 1975	221.66	APR. 5	225.36	JUNE 30	226.85	SEP. 30	232.69
JAN. 5	222.86	APR. 8	225.16H				

310708N093100901 LOCAL WELL NUMBER: V-126

OWNER: U. S. ARMY, FORT POLK. (SEC. 27, T. 2N., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 12 IN, DEPTH 1278 FT, SCREENED 1192-1278. MP TOP OF CASING, 2.0 FT ABOVE LSD.
LSD 338.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 136.61 BELOW LSD, MAR. 5, 1943,
LOWEST WATER LEVEL 177.33 BELOW LSD, JAN. 11, 1975.
RECORDS AVAILABLE 1943, 1966-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1943	136.61	JAN. 6, 1975	170.58H	APR. 8, 1975	166.63H	JULY 10, 1975	167.97H
OCT. 5, 1974	165.36	JAN. 10	164.35J	APR. 10	167.15	JULY 15	171.30
OCT. 10	166.48	JAN. 11	177.33J	APR. 15	166.51	JULY 20	173.54
OCT. 15	165.58	JAN. 15	172.04	APR. 20	166.96	JULY 25	167.09
OCT. 20	165.53	JAN. 20	167.58	APR. 25	170.53	JULY 31	167.89
OCT. 25	168.87	JAN. 25	167.10	APR. 30	165.29J	AUG. 5	166.97
OCT. 31	170.25	JAN. 31	166.38	MAY 5	165.77	AUG. 8	175.43J
NOV. 5	169.53	FEB. 5	166.86	MAY 10	167.23	AUG. 10	167.79
NOV. 10	165.33	FEB. 10	169.49	MAY 15	166.29	AUG. 15	167.16
NOV. 15	165.33	FEB. 15	166.01	MAY 16	174.20J	AUG. 20	167.29
NOV. 20	166.66	FEB. 20	168.14	MAY 20	166.86	AUG. 25	166.51
NOV. 25	168.12	FEB. 25	166.75	MAY 25	168.67	AUG. 31	166.08
NOV. 30	166.08	FEB. 28	170.86	MAY 31	166.73	SEP. 1	165.59J
DEC. 5	166.45	MAR. 5	171.69	JUNE 5	165.87	SEP. 5	166.00
DEC. 10	165.28	MAR. 10	166.95	JUNE 10	166.30	SEP. 10	166.65
DEC. 15	167.04	MAR. 15	168.88	JUNE 15	165.58	SEP. 15	167.79
DEC. 20	166.07	MAR. 20	167.07	JUNE 20	172.10	SEP. 20	166.70
DEC. 25	164.30	MAR. 25	165.37	JUNE 25	166.24	SEP. 25	170.62
DEC. 31	164.36	MAR. 31	168.20	JUNE 30	166.83	SEP. 30	167.25
JAN. 5, 1975	166.86	APR. 5	165.32	JULY 5	167.23		

304652N089512201 LOCAL WELL NUMBER: WA-13

OWNER: GAYLORD CONTAINER CORP.(SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN SAND OF PLEISTOCENE AGE, DIAM 20 IN, DEPTH 156 FT, SCREENED 90-156. MP TOP EDGE OF RECORDER SHELTER SUBFLOOR, 1.3 FT ABOVE LSD.
LSD 95.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.30 BELOW LSD, FEB. 22, 1961,
LOWEST WATER LEVEL 44.07 BELOW LSD, SEP. 22, 1958.
RECORDS AVAILABLE 1957-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 10, 1974	22.38C	MAR. 15, 1975	15.26C	MAY 25, 1975	19.29C	JULY 31, 1975	19.47C
NOV. 15	22.35C	MAR. 20	14.12C	MAY 31	19.59C	AUG. 5	19.24C
NOV. 20	21.39C	MAR. 25	7.05H	JUNE 4	20.39C	AUG. 10	19.26C
NOV. 25	22.09C	MAR. 31	17.24C	JUNE 5	20.26C	AUG. 14	19.68C
NOV. 30	22.02C	APR. 5	17.77C	JUNE 10	19.22C	AUG. 15	19.30C
DEC. 5	21.54C	APR. 10	20.55C	JUNE 15	19.08C	AUG. 20	19.94C
DEC. 10	21.99C	APR. 15	19.12C	JUNE 20	19.20C	AUG. 25	20.07C
DEC. 15	21.63C	APR. 20	20.13C	JUNE 25	20.08C	AUG. 31	19.89C
JAN. 14, 1975	21.25C	APR. 25	19.71C	JUNE 30	6.64	SEP. 5	19.77C
FEB. 18	20.93C	APR. 28	19.68C	JULY 5	6.21	SEP. 10	14.75C
FEB. 20	20.75C	APR. 30	19.30C	JULY 8	7.72H	SEP. 15	16.24C
FEB. 25	21.06C	MAY 5	19.67C	JULY 10	12.10C	SEP. 20	14.99C
FEB. 28	20.77C	MAY 10	19.75C	JULY 15	20.04C	SEP. 25	14.36C
MAR. 5	21.21C	MAY 15	19.98C	JULY 20	20.55C	SEP. 30	14.85C
MAR. 10	15.05C	MAY 20	19.20C	JULY 25	20.35C		

304756N089514401 LOCAL WELL NUMBER: WA-14

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 3S., R. 13E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 12 IN, DEPTH 681 FT, SCREENED 580-681. MP TOP OF PUMP DISCHARGE LINE, 3.7 FT ABOVE LSD.
LSD 105.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 31.50 BELOW LSD, JUNE 30, 1975,
LOWEST WATER LEVEL 2.20 BELOW LSD, OCT. 5, 1955.
RECORDS AVAILABLE 1950-67, 1970-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1974 +	23.50	FEB. 19, 1975 +	25.60	JUNE 30, 1975 +	31.50	AUG. 14, 1975 +	27.10
DEC. 5 +	24.40	MAR. 20 +	28.50	JULY 8 +	28.80	SEP. 12 +	26.00
JAN. 14, 1975 +	21.50	APR. 29 +	30.60				

304613N089513201 LOCAL WELL NUMBER: WA-15

OWNER: CITY OF BOGALUSA. (SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN HYDRAULIC ZONE 1 SAND OF PLIOCENE AGE, DIAM 12 IN, DEPTH 769 FT, SCREENED 688-769. MP TOP OF PLUG IN 2-IN TEE AT END OF 3-IN DISCHARGE LINE, 1.5 FT ABOVE LSD.
LSD 98.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 29.80 BELOW LSD, APR. 18, 1950,
LOWEST WATER LEVEL 5.46 BELOW LSD, JULY 30, 1957.
RECORDS AVAILABLE 1942, 1950-63, 1965-68, 1970-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1974 +	24.50	FEB. 19, 1975 +	24.20	JUNE 4, 1975 +	24.10	AUG. 14, 1975 +	23.90
DEC. 5 +	26.10	MAR. 25 +	24.20	JULY 8 +	24.10	SEP. 12 +	23.90
JAN. 14, 1975 +	24.20	APR. 29 +	24.30				

304756N089514402 LOCAL WELL NUMBER: WA-41

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 3S., R. 13E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HYDRAULIC ZONE 3 SAND OF MIOCENE AGE, DIAM 12 IN, DEPTH 1442 FT, SCREENED 1352-1442. MP LOWER EDGE OF OVERFLOW, 0.78 FT ABOVE LSD.
LSD 105.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 33.40 BELOW LSD, MAR. 16, 1950,
LOWEST WATER LEVEL 50.94 BELOW LSD, JUNE 24, 1970.
RECORDS AVAILABLE 1950, 1952-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 5, 1974	44.42	MAR. 25, 1975	33.05B	JUNE 3, 1975	43.55	AUG. 14, 1975	44.02
JAN. 14, 1975	43.20	APR. 29	39.04	JULY 8	39.38	SEP. 12	46.50
FEB. 19	37.96						

304107N089523401 LOCAL WELL NUMBER: WA-43

OWNER: V. A. TALLEY. (SEC. 49, T. 4S., R. 13E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 420 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF VALVE, 1.4 FT ABOVE LSD.
LSD 71.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 31.00 BELOW LSD, SEP. 12, 1950,
LOWEST WATER LEVEL 10.40 BELOW LSD, SEP. 25, 1974.
RECORDS AVAILABLE 1950-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1974 +	12.20	FEB. 19, 1975 +	14.50	JUNE 4, 1975 +	14.80	AUG. 11, 1975 +	13.50
DEC. 3 +	13.50	MAR. 26 +	13.60	JULY 11 +	12.70	SEP. 12 +	13.00
JAN. 15, 1975 +	15.10	MAY 1 +	15.00				

WEBSTER PARISH

325752N093271801 LOCAL WELL NUMBER: WB-27

OWNER: SOUTHERN KRAFT CORP. (SEC. 25, T. 23N., R. 11W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 18-12 IN, DEPTH 311 FT, SCREENED 231-311. MP TOP OF CASING, .22 FT ABOVE LSD.
LSD 245.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 52.00 BELOW LSD, OCT. 7, 1937,
LOWEST WATER LEVEL 169.20 BELOW LSD, OCT. 18, 1947.
RECORDS AVAILABLE 1937, 1947-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1974	60.24	JAN. 10, 1975	59.45J	APR. 5, 1975	59.22	JUNE 15, 1975	58.75
OCT. 10	60.09	JAN. 15	60.06	APR. 10	59.05	JUNE 20	59.05
OCT. 15	60.30	JAN. 20	60.86	APR. 15	58.68	JUNE 25	59.47
OCT. 20	60.56	JAN. 25	61.29	APR. 20	59.55	JUNE 30	59.56
OCT. 25	60.98	JAN. 31	61.44	APR. 25	58.79	JULY 5	59.15
OCT. 31	60.55	FEB. 5	61.37	APR. 27	58.47J	JULY 10	59.66
NOV. 5	60.39	FEB. 10	61.35	APR. 29	58.34H	JULY 15	60.43J
NOV. 10	60.23	FEB. 15	61.23	APR. 30	58.30	JULY 16	59.22H
NOV. 15	59.71	FEB. 16	62.00J	MAY 5	58.28	JULY 17	60.08J
NOV. 20	60.02	FEB. 20	61.30	MAY 10	58.16	JULY 20	61.24
NOV. 25	59.97	FEB. 25	60.85	MAY 15	58.03	JULY 25	61.42
NOV. 30	59.49	FEB. 28	60.55	MAY 20	58.47	JULY 31	61.15
DEC. 5	59.47	MAR. 5	60.05	MAY 25	57.83	AUG. 1	61.97J
DEC. 10	59.32	MAR. 10	59.89	MAY 31	57.72J	SEP. 8	61.55H
DEC. 15	59.24	MAR. 15	59.82	JUNE 2	59.01J	SEP. 10	61.45J
DEC. 20	59.32	MAR. 20	59.75	JUNE 3	58.64H	SEP. 15	61.64
DEC. 25	59.32	MAR. 22	60.97J	JUNE 4	58.52J	SEP. 20	61.89
DEC. 31	59.11J	MAR. 25	60.07	JUNE 5	58.75	SEP. 25	62.29
JAN. 5, 1975	59.30	MAR. 31	59.27	JUNE 10	58.85	SEP. 30	62.77J
JAN. 6	59.87H						

WEST BATON ROUGE PARISH

302732N091121901 LOCAL WELL NUMBER: WBR-5

OWNER: TOWN OF PORT ALLEN. (SEC. 66, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 IN, DEPTH 1,335 FT,SCREENED 1,230-1,335. MP TOP INSIDE EDGE OF 8-IN "T", 6.70 FT ABOVE LSD.
LSD 27.00 FT ABOVE MSL.
HIGHEST WATER LEVEL 36.10 BELOW LSD, JUNE 21, 1943,
LOWEST WATER LEVEL 112.62 BELOW LSD, AUG. 15, 1974.
RECORDS AVAILABLE 1943-46, 1949-50, 1954-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 11, 1974	109.72	MAR. 11, 1975	98.69	JULY 16, 1975	95.87	SEP. 15, 1975	95.60
JAN. 23, 1975	100.51	MAY 14	96.82	AUG. 22	100.20		

324508N091252301 LOCAL WELL NUMBER: WC-36

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 20N., R. 10E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 4 IN, DEPTH 383 FT, SCREENED 377-383. MP TOP OF CASING COLLAR, 1.1 FT ABOVE LSD.
LSD 106.35 FT ABOVE MSL.
HIGHEST WATER LEVEL 28.13 BELOW LSD, MAR. 19, 1963,
LOWEST WATER LEVEL 32.39 BELOW LSD, MAR. 9, 1971, SEP. 7, 1972.
RECORDS AVAILABLE 1955-75.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 22, 1975	30.05	SEP. 4	30.27				

PAGE

ABITA RIVER NORTH OF ABITA SPRINGS 227
ACCURACY OF SURFACE-WATER DATA 15
ACME, LARTO LAKE AT DAM, NEAR 88
ACRE-FOOT, DEFINITION OF 2
ALEXANDRIA, RED RIVER AT 86,298
ALGAE, DEFINITION OF 2
ALOHA, NANTACHIE LAKE NEAR 76
ALTO, BAYOU LAFOURCHE NEAR 114
AMITE RIVER, AT GRANGEVILLE 240
  AT 4-H CAMP NEAR DENHAM SPRINGS 150,358
  AT MAGNOLIA 228
  NEAR BATON ROUGE 242
  NEAR DARLINGTON 142,773
  NEAR DENHAM SPRINGS 148,773
ANALYSES OF SAMPLES COLLECTED DURING SPECIAL
    STUDIES CONDUCTED IN THE FOLLOWING AREAS:
  ATCHAFALAYA RIVER BAY CHANNEL BELOW MORGAN CITY ... 623-628
  BARATARIA BAY WATERWAY AT BARATARIA 633-641
  BAYOU CHENE WEST ACCESS CHANNEL 642
  BAYOU LA CARPE NEAR HOUMA 643
  BAYOU LONG, EMPIRE TO GULF OF MEXICO 644-648
  BAYOU SORREL EAST ACCESS CHANNEL 649
  BAYOU SORREL EAST ACCESS CHANNEL 650-658
  BRETON SOUND NORTHWEST OF EMPIRE 659-668
  CALCASIEU RIVER, LAKE CHARLES TO GULF OF MEXICO ... 669-687
  HOUMA NAVIGATION CANAL NEAR HOUMA 703-706
  INTRACOASTAL WATERWAY EAST OF HARVEY CANAL 688-690
    PORT ALLEN TO MORGAN CITY 697-702
    WEST OF HARVEY CANAL 691-696
  MISSISSIPPI RIVER GULF OUTLET SOUTHWEST OF
    NEW ORLEANS 736-743
  MISSISSIPPI RIVER, MILE 222 TO MILE 3.5
    ABOVE HEAD OF PASSES (AHP) 749-768
  MISSISSIPPI RIVER, OLD RIVER CONTROL STRUCTURE TO
    GULF OF MEXICO 707-735
  OLD RIVER LOCK TAILBAY 744
  OUACHITA RIVER NORTH OF MONROE 746-748
  PETIT ANSE NEAR AVERY ISLAND 629-632
  RED RIVER BELOW MOUTH OF BLACK RIVER 622,745
ANTOINE CREEK NEAR ASHLAND 226
ARKANSAS-LOUISIANA STATE LINE, BOEUF RIVER NEAR 105
  OUACHITA RIVER NEAR 89
ARNAUDVILLE, BAYOU TECHE AT 172
ATCHAFALAYA RIVER AT ATCHAFALAYA 234
  AT MYETTE POINT NEAR CHARENTON 522
  AT EUGENE ISLAND NEAR MORGAN CITY 412
  AT SIMMESPORT 157,234,379
  NEAR FRANKLIN 234
ATCHAFALAYA RIVER BASIN STUDY
  ATCHAFALAYA RIVER ABOVE MOUTH OF BAYOU SORREL 554
    NEAR BAYOU SORREL 234
    NEAR MYETTE POINT 555
  AMERICAN PASS 555
  BAYOU DARBY STATION W2 556
  BAYOU FEBRUARY STATION EF 557
  BAYOU L'EMBARRAS 557
  BAYOU LONG 558
  BAYOU PETITE PRAIRIE (WEST SHORE) STATION 2A 558
  BAYOU PETITE PRAIRIE (CENTER) STATION 2B 559
  BAYOU PETITE PRAIRIE (EAST SHORE) STATION 2C 559
  BAYOU PETITE PRAIRIE (WEST SHORE) STATION 3A 560
  BAYOU PETITE PRAIRIE (CENTER) STATION 3B 560
  BAYOU PETITE PRAIRIE STATION 4 561
  BAYOU POSTILLION STATION E37 562
  BAYOU SORREL MIO LAKE 562
  BAYOU SORREL OIL FIELD 564
  BAYOU SORREL SHORE (MAT) 563
  BEAR BAYOU STATION E4 564
  BIG ALABAMA BAYOU STATION 1 565
  BIG ALABAMA BAYOU STATION 2 565
  BIG ALABAMA BAYOU STATION 3 566
  BIG ALABAMA BAYOU STATION 3 566
  BIG ALABAMA BAYOU STATION 5 567
  BIG BAYOU PIGEON STATION E27 567
  BIG FORK BAYOU 568
  BOTTOM OF GAYS SLOUGH STATION 5 579
  BUFFALO CAVE WBI 569
  COW ISLAND LAKE 570
  DUCK LAKE 571
  FLAT LAKE 572
  FLAT LAKE STATION EC1 576
  FLAT LAKE STATION EC4 577
  GRAND LAKE AT LITTLE BAYOU PIGEON 580
  GRAND LAKE AT RANGE LINE 20 580
  GRAND LAKE AT SOUTH END OF HOG ISLAND 581
  GRAND LAKE NORTH OF BLUE POINT 581
  GRAND LAKE NEAR BAYOU PIGEON 582
  GRAND LAKE NORTHWEST OF MYETTE POINT 583
  HENDERSON LAKE OUT FLOW 584
  KEITH'S LAKE STATION 1A (WEST BANK) 584
  KEITH'S LAKE (CENTER) STATION 1B 585
  LAKE GRAVENBURG STATION 8 585
  LAKE HENDERSON 586

PAGE

ATCHAFALAYA RIVER BASIN STUDY (CONTINUED)
  LITTLE BAYOU LONG STATION E18 586
  LITTLE BAYOU PIGEON STATION E33 587
  LITTLE BAYOU SORREL 588
  LITTLE GOUSOULIN BAYOU STATION W1 589
  MIDDLE FORK STATION E19 590
  MURPHY LAKE 591
  MIDDLE OF GAYS SWAMP STA3 578
  OLD RIVER STATION E36 591
  SIBON CANAL NEAR ARM GRAND LAKE STATION W5 592
  SIXTEEN INCH PIPE LINE CANAL STATION E7 599
  STATION EG 593
  STATION WA 1 594
  STATION WD 595
  STATION WF 596
  STATION WG 597
  TOP OF GAYS SWAMP STATION 2 578
  TOP OF GAYS SWAMP STATION 3 578
  TOP OF GAYS SLOUGH STATION 4 579
  UPPER FLAT LAKE 597
  UPPER GRAND LAKE 598
  WILLOW COVE 598
  YELLOW BAYOU AT COTTON PORT STATION YB3 600
  YELLOW BAYOU AT PARK STATION YB1 600
  YELLOW BAYOU STATION YB2 601
  YELLOW BAYOU STATION YB5 601
ATCHAFALAYA BAY
  STATION LBB D 602
  STATION LBB E 603
  STATION LBB F 604
  STATION LBB G 605
  STATION LBB H 606
  STATION LBB I 607
  STATION PB 1 608
  STATION PB 2 610
  STATION PB 3 611
  STATION PB 3B 613
  STATION PB 4 614
AYCOCK, LAKE CLAIBORNE NEAR 100

BACTERIA, DEFINITION OF 2
BAKER CANAL, AT BAKER 239
  NEAR BAKER 239
BALDWIN, CHARENTON CANAL NEAR 422
BAPTIST, NATALBANY RIVER AT 140,773
BASILE, BAYOU NEZPIQUE NEAR 192
  BAYOU NEZPIQUE AT MAMOU PUMPING PLANT, NEAR 194
BAYOU ANACOCO, NEAR KNIGHT 505
  NEAR ROSEPINE 219,521,775
BAYOU BARATARIA AT LAFITTE 365
BAYOU BARTHOLOMEW, NEAR BEEKMAN 97
  NEAR JONES 92
  NORTHWEST OF JONES 94
BAYOU CARRON AT WASHINGTON 243
BAYOU CASTOR (TRIBUTARY TO SABINE RIVER)
    NEAR FUNSTON 211,774
  NEAR LOGANSPORT 213
  NEAR LONGSTREET 229
BAYOU CHENE NEAR WELSH 244
BAYOU CHOUDRANT NEAR CALHOUN 226
BAYOU COCODRIE NEAR CLEARWATER 163,773
  NEAR GLENMORA 235
BAYOU COURTABLEAU AT WASHINGTON 166,773
BAYOU CROOK CHENE NEAR COTEAU HOLMES 234
BAYOU D'ARBONNE LAKE AT FARMERVILLE 103
BAYOU D'ARBONNE AT HOMER 226
BAYOU DE LOUTRE, NEAR FARMERVILLE 226
  NEAR LARAN 98
BAYOU DES CANNES NEAR EUNICE 187
BAYOU DES GLAISES DIVERSION CHANNEL
    AT MOREAUVILLE 168,773
BAYOU DORCHEAT, NEAR MINDEN 58
  NEAR SPRINGHILL 53
BAYOU DUPLANIER AT LEE DRIVE, AT BATON ROUGE 243
BAYOU FOUNTAIN, AT BEN HUR ROAD, AT BATON ROUGE 242
  AT GARDERE LANE, NEAR BATON ROUGE 242
  TRIBUTARY NEAR BATON ROUGE 242
BAYOU FRANCOIS, AT GONZALES 243
  NEAR GONZALES 243
BAYOU GRAND CAILLOU NEAR DULAC 415
BAYOU LACCASINE NEAR LAKE ARTHUR 195
BAYOU LAFOURCHE (TRIBUTARY TO BOEUF RIVER)
    NEAR ALTO 114
  NEAR CREW LAKE 112
BAYOU LAFOURCHE (TRIBUTARY TO GULF OF MEXICO)
  AT DONALDSONVILLE 152,771,773
  AT GALLIANO 416
  AT GOLDEN MEADOW 156
  AT LAROSE 366
  AT LEEVILLE 417
  AT THIBODAUX 154,771
  AT VALENTINE 155

PAGE

BAYOU LALOUTRE AT ALLUVIAL CITY AT YCLOSKEY ... 418
BAYOU LIEMBARRAS NEAR CATAHOULA ... 234
BAYOU MACON, NEAR DELHI ... 122
  NEAR KILBOURNE ... 121
BAYOU MANCHAC AT MOUTH, NEAR PORT VINCENT ... 151
BAYOU MARTEAU NEAR ROCK HILL ... 239
BAYOU MIHOMMA 2 MILES BELOW STEPHENVILLE ... 548
BAYOU NA BONCHASSE NEAR MANSFIELD ... 226
BAYOU NEZPIQUE NEAR BASILE ... 192
  AT MAMOU PUMPING PLANT, NEAR BASILE ... 194
BAYOU PIERRE, AT EVELYN ... 239
  AT FORBING ... 238
  AT SHREVEPORT ... 238
  NEAR ABINGTON ... 238
  NEAR LAKE END ... 239
  NEAR ROBSON ... 238
BAYOU PENCHANT AY BAYOU CHENE ... 524
BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL NEAR DULAC ... 419
BAYOU PLAQUEMINE BRULE NEAR CROWLEY ... 189
BAYOU RAPIDES, AT CONTROL STRUCTURE, AT ALEXANDRIA ... 239
  NEAR ALEXANDRIA ... 239
BAYOU RAPIDES-BOEUF-COCODRIE DIVERSION CHANNEL
  AT ALEXANDRIA ... 243
  AT STATE HIGHWAY 488, NEAR ALEXANDRIA ... 243
  AT U.S. HIGHWAY 165, NEAR ALEXANDRIA ... 243
BAYOU SCIE AT ZWOLLE ... 229
BAYOU SORREL NEAR BAYOU SORREL ... 234
BAYOU TECHE, AT ARNAUDVILLE ... 172
  AT CHARENTON ... 420
  AT KEYSTONE LOCK, NEAR ST. MARTINVILLE ... 174,396
  AT OLIVIER ... 400
  AT ROBIN ... 171
BAYOU TERREBONNE AT HOUMA ... 370
  NEAR BOURG ... 421
BAYOU TORO NEAR TORO ... 216,774
  SOUTH OF TORO ... 236
BEAR CREEK NEAR PACKTON ... 227
BEAR HEAD CREEK NEAR STARKS ... 208,774
BEAUCOUP CREEK NEAR COTTEN PLANT ... 227
BEAVER BAYOU AT DENHAM ROAD, NEAR BATON ROUGE ... 241
  AT WAX ROAD, NEAR BATON ROUGE ... 241
BECKWITH CREEK NEAR DEQUINCY ... 206,774
BEECH CREEK NEAR OLLA ... 227
BEEKMAN, BAYOU BARTHOLOMEW NEAR ... 97
  CHEMIN-A-HAUT BAYOU NEAR ... 95
BELLE CHASE, MISSISSIPPI RIVER AT ... 353
BENTON, CYPRESS BAYOU ABOVE ... 63
  CYPRESS BAYOU NEAR ... 65
  CYPRESS BAYOU LAKE NEAR ... 66
BIG BRUSHY CREEK NEAR PITKIN ... 229
BIG COLEWA BAYOU NEAR OAK GROVE ... 109
  NEAR PIONEER ... 111
BIG CREEK (TRIBUTARY TO LITTLE RIVER) AT POLLOCK 130, 323,772
BIOCHEMICAL OXYGEN DEMAND, DEFINITION OF ... 3
BIOMASS, DEFINITION OF ... 3
BLACK BAYOU (TRIBUTARY TO BLACK BAYOU LAKE)
    NEAR RODESSA ... 232
BLACK BAYOU (TRIBUTARY TO CASTOR CREEK) AT KELLY ... 227
BLACK BAYOU (TRIBUTARY TO BAYOU DORCHEAT) AT LETON ... 225
BLACK BAYOU (TRIBUTARY TO TWELVEMILE BAYOU)
    NEAR GILLIAM ... 512
BLACK LAKE BAYOU NEAR CASTOR ... 226
  NEAR CLARENCE ... 74
  NEAR MINDEN ... 226
  SOUTHWEST OF ASHLAND ... 232
BLACK LAKE CREEK AT GIBSLAND ... 226
BLACK LAKE NEAR HOSSTON ... 232
BLACK RIVER AT MOUTH ... 622
  NEAR ACME ... 233
BLACKWATER BAYOU NEAR BATON ROUGE ... 241
  NEAR FRED ... 241
BLACKWELL CREEK AT MANY ... 229
BLOOD RIVER NEAR SPRINGFIELD ... 228
BODCAU BAYOU, NEAR SAREPTA ... 61,514
BOEUF RIVER, NEAR ARKANSAS-LOUISIANA STATE LINE ... 105
  NEAR GIRARD ... 107
BOGALUSA, BOGUE LUSA AT STATE
    HIGHWAY 439 AT ... 36,772
  PEARL RIVER AT POOLS BLUFF NEAR ... 259
  PEARL RIVER NEAR ... 32,250,772
BOGGY BAYOU (BAYOU NEZPIQUE BASIN)
    NEAR PINE PRAIRIE ... 190,774
BOGGY BAYOU (RED RIVER BASIN), AT WOOLWORTH ROAD,
    NEAR KEITHVILLE ... 225
  NEAR KEITHVILLE ... 68
BOGUE CHITTO AT ENON ... 237
  AT FRANKLINTON ... 40
  NEAR BUSH ... 41,262,772
  NEAR TYLERTOWN, MISS. ... 39
BOGUE FALAYA AT COVINGTON ... 227
BOGUE LUSA CREEK, AT STATE HIGHWAY 21, AT BOGALUSA ... 225
  AT STATE HIGHWAY 60, AT BOGALUSA ... 237
  AT STATE HIGHWAY 439, AT BOGALUSA ... 36,772
  AT RICHMOND STREET, AT BOGALUSA ... 237
BONNET CARRE SPILLWAY AT U.S. HWY 61 NEAR
    NEW ORLEANS ... 526

PAGE

BON WIER, TEX., SABINE RIVER NEAR ... 221
BOONE CREEK NEAR DOYLINE ... 232
BOURG, BAYOU TERREBONNE NEAR ... 421
BOYCE, RED RIVER AT ... 292
BRUSH BAYOU, AT SHREVEPORT ... 238
  TRIBUTARY NO.2 AT SHREVEPORT ... 225
  NEAR SHREVEPORT ... 225
BRUSHY BAYOU AT TALLULAH ... 117
BRUSHY CREEK (TRIBUTARY TO LAKE BISTINEAU)
    NEAR SIBLEY ... 232
BRUSHY CREEK (TRIBUTARY TO SABINE) AT BANCROFT ... 230
  NEAR HORNBECK ... 236
BRUSHY CREEK (TRIBUTARY TO DUGDEMONA RIVER)
    NEAR JOYCE ... 227
BULL BAYOU NEAR HUNTER ... 229
BUNDICK CREEK NEAR DE RIDDER ... 202,774
BURKEVILLE, TEX., SABINE RIVER AT TOLEDO BEND,
    NEAR ... 215
  SABINE RIVER NEAR ... 218
  TOLEDO BEND RESERVOIR NEAR ... 214
BUSH, BOGUE CHITTO NEAR ... 41,262,772

CADDO LAKE ABOVE DAM NEAR MOORINGSPORT ... 510
CAESAR CREEK AT CRESTON ... 232
CALCASIEU RIVER AT LAKE CHARLES ... 491
  AT MILE 40 AT LAKE CHARLES ... 499
  NEAR GLENMORA ... 196,519,774
  NEAR KINDER ... 204,520
  NEAR OBERLIN ... 198,774
  NEAR SLAGLE ... 244
CALCASIEU RIVER SALTWATER BARRIER EAST AT
    LAKE CHARLES ... 502
  WEST AT LAKE CHARLES ... 503
CALCASIEU RIVER AND PASS NEAR LAKE CHARLES ... 495
CALCASIEU PASS AT ST. JOHN ISLAND NEAR CAMERON ... 496
CALUMET, WAX LAKE OUTLET AT ... 234,386,769
CAMERON, CALCASIEU PASS AT ST. JOHN ISLAND NEAR ... 496
CAMP CREEK NEAR BERNICE ... 233
CANCIENNE CANAL AT MOUTH NEAR ATTAKAPAS LANDING ... 551
CANE RIVER NEAR CLOUTIERVILLE ... 239
CANEY CREEK (TRIBUTARY TO BAYOU BEAUCOUP)
    NEAR CHATHAM ... 227
CASTOR CREEK NEAR OBERLIN ... 228
CFS-DAY, DEFINITION OF ... 3
CHAPPEPEELA CREEK, NEAR HUSSER ... 228
  SOUTHEAST OF LORANGER ... 228
CHATLIN LAKE CANAL NEAR LECOMPTE ... 244
CHARENTON, BAYOU TECHE AT ... 420
CHARENTON DRAINAGE CANAL NEAR BALDWIN ... 422
CHEF MENTEUR, CHEF MENTEUR PASS AT LAKE BORGNE AT ... 423
CHEF MENTEUR PASS NEAR LAKE BORGNE AT CHEF MENTEUR ... 423
CHEMICAL OXYGEN DEMAND, DEFINITION OF ... 4
CHEMIN-A-HAUT BAYOU NEAR BEEKMAN ... 95
CHICKASAW CREEK NEAR OLLA ... 227
CHLOROPHYLL, DEFINITION OF ... 4
CHOCTAW CREEK NEAR HODGE ... 227
CLARENCE, BLACK LAKE BAYOU NEAR ... 74
  SALINE BAYOU AT ALLEN DAM, NEAR ... 239
  SALINE BAYOU NEAR ... 75
CLARK BAYOU NEAR KORAN ... 232
CLAY CUT BAYOU, AT SIEGEN LANE, NEAR BATON ROUGE ... 242
  NEAR HOPE VILLA ... 242
CLEARWATER, BAYOU COCODRIE NEAR ... 163,773
  COCODRIE LAKE NEAR ... 162
COBURN CREEK, AT AUSTIN STREET, AT BOGALUSA ... 237
  AT MEMORIAL DRIVE, AT BOGALUSA ... 237
  AT POPLAR STREET, AT BOGALUSA ... 237
  AT STATE HIGHWAY 10, AT BOGALUSA ... 237
  AT STATE HIGHWAY 21, AT BOGALUSA ... 225
  AT VAN BUREN STREET, AT BOGALUSA ... 237
COCODRIE LAKE NEAR CLEARWATER ... 162
COLFAX, RED RIVER AT ... 291
COLIFORM ORGANISMS, DEFINITION OF ... 4
COLLECTION AND COMPUTATION OF SURFACE-WATER DATA ... 10
COLLECTION AND EXAMINATION OF WATER-QUALITY DATA ... 16
COLLECTION OF GROUND-WATER DATA ... 20
COLUMBIA, OUACHITA RIVER AT ... 312
COMITE, COMITE RIVER NEAR ... 146,773
COMITE RIVER, AT COMITE DRIVE, NEAR BATON ROUGE ... 240
  AT GREENWELL SPRINGS ROAD, NEAR BATON ROUGE ... 241
  NEAR CLINTON ... 240
  NEAR COMITE ... 146,773
  NEAR OLIVE BRANCH ... 144,773
  NEAR ZACHARY ... 240
CONTENTS, DEFINITION OF ... 4
CONTROL, DEFINITION OF ... 4
CONVERSION FACTORS FROM ENGLISH UNITS TO
    INTERNATIONAL SYSTEM UNITS ... 26
COOPERATION, RECORD OF ... 2
CORNEY BAYOU NEAR LILLIE ... 226
CORPORATION CANAL, AT CAMPUS DR., AT BATON ROUGE ... 243
  AT CHIMES ST., AT BATON ROUGE ... 243
  AT OKLAHOMA ST., AT BATON ROUGE ... 242
  AT ROOSEVELT., AT BATON ROUGE ... 243
  AT STANFORD AVE., AT BATON ROUGE ... 243
COUSHATTA BAYOU NEAR CRICHTON ... 238

PAGE

COUSHATTA, GRAND BAYOU NEAR 72
RED RIVER AT 287
CREST-STAGE PARTIAL-RECORD STATIONS 225-230
CREW LAKE, BAYOU LAFOURCHE NEAR 112
CROSS BAYOU NEAR SHREVEPORT 232
CROSS LAKE AT SHREVEPORT 508
CROWLEY, BAYOU PLAQUEMINE BRULE NEAR 189
CROZIER, HOUMA NAVIGATION CANAL AT 371
CUBIC FEET PER SECOND, DEFINITION OF 4
CUBIC FEET PER SQUARE MILE, DEFINITION OF 4
CYPREMORT POINT, VERMILION BAY AT 482
CYPRESS BAYOU (HEAD OF BAKER CANAL), AT BAKER 240
AT HOOPER ROAD, NEAR BATON ROUGE 240
AT PLANK ROAD, NEAR BATON ROUGE 240
CYPRESS BAYOU (TRIBUTARY TO BODCAU BAYOU)
ABOVE BENTON 63
NEAR BENTON 65
CYPRESS BAYOU (TRIBUTARY TO WALLACE BAYOU)
NEAR KEITHVILLE 225
CYPRESS BAYOU (TRIBUTARY TO DUGDEMONA RIVER)
AT QUITMAN 227
CYPRESS BAYOU (TRIBUTARY TO BAYOU D'ARBONNE LAKE)
NEAR VIXEN 233
CYPRESS BAYOU LAKE NEAR BENTON 66
CYPRESS CREEK NEAR VIXEN 226

DARLINGTON, AMITE RIVER NEAR 142,773
DATA, OTHER AVAILABLE 16
DAWSON CREEK, AT PERKINS ROAD, AT BATON ROUGE 242
AT STARING LANE, NEAR BATON ROUGE 243
DEER CREEK NEAR DE RIDDER 236
DEFINITION OF TERMS 3
DEGREES FAHRENHEIT TO DEGREES CELSIUS 18
DELHI, BAYOU MACON NEAR 122
DENHAM SPRINGS, AMITE RIVER NEAR 148,773
AMITE RIVER AT 4-H CAMP NEAR 150,358
DE QUINCY, BECKWITH CREEK NEAR 206,774
DE RIDDER, BUNDICK CREEK NEAR 202,774
DISCHARGE, DEFINITION OF 4
DISSOLVED OXYGEN, DEFINITION OF 5
DIXIE, TWELVEMILE BAYOU NEAR 49
DONALDSONVILLE, BAYOU LAFOURCHE AT 152, 771,773
DOWNSTREAM ORDER AND STATION NUMBERS 10
DRAINAGE AREA, DEFINITION OF 5
DRAKES CREEK NEAR PITKIN 229
DRY BRANCH NEAR DE RIDDER 236
DRY CREEK AT DRY CREEK 229
DUGDEMONA RIVER NEAR DODSON 239
NEAR JONESBORO 124
NEAR QUITMAN 227
NEAR WINNFIELD 125,516
DULAC, HOUMA NAVIGATION CANAL AT 372
BAYOU GRAND CAILLOU NEAR 415
BAYOU PETIT CAILLOU NEAR BOUDREAU CANAL NEAR 419
DYER CREEK NEAR GARDNER 233
DYSON CREEK NEAR POLLOCK 227

EAST ANACOCO CREEK NEAR ANACOCO 236
EAST COTE BLANCHE BAY
STATION ECB 3 615
STATION ECB 4 618
STATION ECB 5 619
ELLIOT JONES CANAL AT GREENWOOD 159
EUNICE, BAYOU DES CANNES NEAR 187

FACTORS FOR CONVERSIONS OF CHEMICAL CONSTITUENTS 6
FARMERVILLE, BAYOU D'ARBONNE LAKE AT 103
FERRIDAY, LAKE CONCORDIA NEAR 133
FLAT CREEK (TRIBUTARY TO BUNDICK CREEK)
NEAR DE RIDDER 229
FLAT CREEK (TRIBUTARY TO CASTOR CREEK)
NEAR OLLA 227
NEAR SIKES 227
FLAT LICK BAYOU NEAR LETON 56
FLAT RIVER, AT TAYLORTOWN 237
NEAR ELM GROVE 237
FLOCTAW CREEK NEAR LACAMP 229
FLOOD-PROFILE PARTIAL-RECORD STATIONS 237-244
FOLSOM, TCHEFUNCTA RIVER NEAR 134,772
FORKED ISLAND, FRESHWATER CANAL ABOVE FRESHWATER
BAYOU LOCK (NORTH), NEAR 425
SCHOONER BAYOU AT CONTROL STRUCTURE (EAST) NEAR 480
SCHOONER BAYOU AT CONTROL STRUCTURE (WEST) NEAR 481
WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE
RIDGE, AND NEAR 486
FRANKLINTON, BOGUE CHITTO AT 40
FRENCH BRANCH NEAR SLIDELL 237
FRESHWATER CANAL ABOVE FRESHWATER BAYOU LOCK
(NORTH), NEAR FORKED ISLAND 425
FUNSTON, BAYOU CASTOR NEAR 211,774

GAGE HEIGHT, DEFINITION OF 5
GAGING STATION, DEFINITION OF 5
GALLIANO, BAYOU LAFOURCHE AT 416
GASPER CREEK AT ST. FRANCISVILLE 233
GIBBSTOWN, INTRACOASTAL WATERWAY AT 429

PAGE

GIRARD, BOEUF RIVER NEAR 107
GLENMORA, CALCASIEU RIVER NEAR 196, 519,773
SPRING CREEK NEAR 160
GOLDEN MEADOW, BAYOU LAFOURCHE AT 156
GRAND BAYOU NEAR COUSHATTA 72
SOUTHEAST OF COUSHATTA 232
GRAND BAYOU AT MOUTH NEAR PIERRE PART 545
GRAND BAYOU DIVERSION NEAR PIERRE PART 545
GRAND CHENIERE, GRAND LAKE NORTHEAST OF CATFISH POINT
CONTROL STRUCTURE NEAR 426
MERMENTAU RIVER AT CATFISH POINT CONTROL STRUCTURE
(NORTH) NEAR 489
MERMENTAU RIVER AT CATFISH POINT CONTROL
STRUCTURE (SOUTH) NEAR 490
GRAND LAKE, INTRACOASTAL WATERWAY AT CALCASIEU
LOCK NEAR 504
GRAND LAKE NEAR FRANKLIN 234
GRAND LAKE NORTHEAST OF CATFISH POINT CONTROL STRUCTURE
NEAR GRAND CHENIERE 426
GRASSY LAKE AT MOUTH OF BAYOU FELIX 548
AT MOUTH OF FOURMILE BAYOU 551
GRAY BRANCH NEAR RODESSA 232
GREENWOOD, ELLIOT JONES CANAL AT 159
GREENWOOD, PAW PAW BAYOU NEAR 47,507
GROUND-WATER RECORDS 777
ACADIA
AC-326 780
ALLEN
AL-125 780
ASCENSION
AN-2 780
AVOYELLES
AV-35 781
BEAUREGARD
BE-2 781
BIENVILLE
BI-1 781
BI-4 781
CALDWELL
CD-345 782
CALCASIEU
CU-77 782
CU-445 783
CU-446 783
CU-730 783
CAMERON
CN-16 784
CN-87 784
DE SOTO
DS-177 784
EAST BATON ROUGE
EB-78 784
EB-123 785
EB-127 785
EB-128 785
EB-172 785
EB-242 786
EB-291 786
EB-297 786
EB-517C 786
EB-575 786
EB-581 787
EB-652 787
EB-793 787
EB-794 788
EB-896 788
EAST CARROLL
EC-89 788
EC-90 788
EVANGELINE
EV-229 789
EV-547 789
GRANT
G-1278 789
JACKSON
JA-49 790
JA-101B 790
JEFFERSON DAVIS
JD-9 790
JD-485 791
LAFAYETTE
LF-437 791
LF-516 791
LA SALLE
LA-157 792
LINCOLN
L-26 792
LIVINGSTON
LI-52 792
LI-54 792
MADISON
MA-10 793
MOREHOUSE
MO-5 793
MO-15 793
MO-345 793

PAGE

NATCHITOCHES
NA-284 794
ORLEANS
OR-42 795
OR-175 795
OUACHITA
OU-77 795
OU-96 796
OU-151 796
OU-404 796
POINTE COUPEE
PC-49 797
PC-70 797
RAPIDES
R-26 797
R-879 798
RED RIVER
RR-141 798
SABINE
SA-387 799
SA-389 799
ST. CHARLES
SC-9 799
SC-14 800
ST. HELENA
SH-7 800
ST. JOHN THE BAPTIST
SJB-17 800
SJB-145 800
ST. LANDRY
SL-171 801
SL-200 801
SL-201 801
ST. MARTIN
SMN-102 801
ST. MARY
SM-57L 802
ST. TAMMANY
ST-12 802
ST-16 802
ST-449 802
ST-545 802
ST-562 803
ST-563 803
TANGIPAHOA
TA-7 803
TA-19 803
TA-242 803
TA-253 804
TA-260 804
TA-262 804
TA-273 804
UNION
UN-26 804
UN-80 805
VERMILION
VE-333 805
VE-639 805
VERNON
V-104 806
V-126 806
WASHINGTON
WA-13 807
WA-14 807
WA-15 807
WA-41 807
WA-43 808
WEBSTER
WB-27 808
WEST BATON ROUGE
WBR-5 808
WEST CARROLL
WC-36 809
GROUND-WATER PUBLICATION 21
GROUND-WATER RECORD 20

HAILE, OUACHITA RIVER AT ALABAMA LANDING NEAR 91
HARDNESS, DEFINITION OF 5
HARRISON BAYOU NEAR KARNACK, TEX. 232
HAYS CREEK NEAR FRANKLINTON 225
HEMPHILL CREEK NEAR GARDNER 232
HERBICIDES, DEFINITION OF 5
HICKORY BRANCH NEAR ALBANY 228
HICKORY BRANCH AT KERNAN 229
HOLDEN, TICKFAW RIVER AT 138,518,772
HOOSIER CREEK NEAR MERRYVILLE 222,775
HORSESHOE DRAINAGE CANAL AT PACKING HOUSE ROAD, AT ALEXANDRIA 244
HOSSTON, RED RIVER NEAR 46,271
HOUMA, BAYOU TERREBONNE AT 370
HOUMA NAVIGATION CANAL AT CROZIER 371
AT DULAC 372
HURRICANE CREEK, AT BATON ROUGE 241
NEAR BATON ROUGE 241
HYDROLOGIC BENCH-MARK STATION, DEFINITION OF 8

PAGE

HYNSON BAYOU, AT BRINGHURST PARK, AT ALEXANDRIA 243
AT MIDWAY STREET, AT ALEXANDRIA 244

INDEX 811-816
INDIAN BAYOU (TRIBUTARY TO BAYOU BOEUF)
NEAR WOODWORTH 235
INDIAN BAYOU NEAR ZACHARY 234
INDIAN CREEK (TRIBUTARY TO BAYOU DORCHEAT)
AT SHONGALOO 225
INDIAN CREEK (TRIBUTARY TO HEMHILL CREEK)
NEAR HOTWELLS 232
INSECTICIDES, DEFINITION OF 5
INSTANTANEOUS SUSPENDED-SEDIMENT DISCHARGE MEASUREMENTS 770
INTRACOASTAL CITY, INTRACOASTAL WATERWAY AT VERMILION LOCK (EAST) NEAR 435
INTRACOASTAL WATERWAY AT VERMILION LOCK (WEST) NEAR 438
INTRACOASTAL WATERWAY AT CALCASIEU LOCK 504
AT NOPSI PLANT NEAR PARIS ROAD AT NEW ORLEANS 430
AT VERMILION LOCK (EAST) NEAR INTRACOASTAL CITY 435
AT VERMILION LOCK (WEST) NEAR INTRACOASTAL CITY 438
AT GIBBSTOWN 429
NEAR GRAND LAKE 504
INTRACOASTAL WATERWAY TRIBUTARY NEAR PORT ALLEN 228
INTRODUCTION 1
IVAN LAKE NEAR COTTON VALLEY 237

JAMES BAYOU AT STATE HWY 2 AT VIVEN 509
JONES, BAYOU BARTHOLOMEW NEAR 92
BAYOU BARTHOLOMEW NORTHWEST OF 94
JONES CREEK, AT AIRLINE HIGHWAY, AT BATON ROUGE 241
AT FLORIDA BOULEVARD, AT BATON ROUGE 241
AT OLD HAMMOND HIGHWAY, NEAR BATON ROUGE 241
NEAR WOODLAWN SCHOOL, NEAR BATON ROUGE 242
JONESBORO, DUGDEMONA RIVER NEAR 124

KEITHVILLE, BOGGY BAYOU NEAR 68
KELLY BAYOU NEAR HOSSTON 511
NEAR IDA 225
KEPLER CREEK AT SPARTA 226
KEPLER LAKE NEAR CASTOR 239
KILBOURNE, BAYOU MACON NEAR 121
KINDER, CALCASIEU RIVER NEAR 204,520,774
KISATCHIE BAYOU AT KISATCHIE 226
KISATCHIE, LITTLE SANDY AT 84,772
KITCHEN CREEK BELOW SMITHLAND, TEX. 232
KNIGHT, BAYOU ANACOCO NEAR 505
KROTZ SPRINGS, STATE CANAL NEAR 170

LACOMBE, LAKE PONTCHARTRAIN AT MOUTH OF BAYOU LACOMBE NEAR 447
LAFAYETTE, VERMILION RIVER AT 177
VERMILION RIVER AT STATE HIGHWAY 3073, NEAR 182,404
LAFITTE, BAYOU BARATARIA AT 365
LAKE ARTHUR, BAYOU LACASSINE NEAR 195
LAKE BISTINEAU NEAR RINGGOLD 60
LAKE BORNE 2.5 MILES NORTHEAST OF PROCTOR POINT 528
LAKE BORNE 5.5 MILES EAST OF ALLIGATOR POINT 530
LAKE CHARLES, CALCASIEU RIVER AT 491
CALCASIEU RIVER AT MILE 40 AT 499
CALCASIEU RIVER SALTWATER BARRIER EAST AT 502
CALCASIEU RIVER SALTWATER BARRIER WEST AT 503
CALCASIEU RIVER AND PASS NEAR 495
LAKE CLAIBORNE NEAR AYCOCK 100
LAKE CONCORDIA NEAR FERRIDAY 133
LAKE PALOURDE AT MOUTH OF BAYOU MIHOMME 548
AT MOUTH OF SIMON PASS 548
IN SOUTHWEST CORNER 548
LAKE PONTCHARTRAIN, ANALYSES OF SAMPLES COLLECTED ON
AT GNO EXPRESSWAY BRIDGE NEAR NEW ORLEANS 411
AT IHN CANAL AT NEW ORLEANS 462
AT LITTLE WOODS, AT NEW ORLEANS 446
AT MOUTH OF BAYOU LACOMBE 447
AT MOUTH OF TANGIPAHOA RIVER 452
AT MOUTH OF TCHEFUNCTA RIVER 457
AT NORTH SHORE NEAR SLIDELL 467
AT PASS MANCHAC NEAR MANCHAC 470
2.25 MILES NORTHWEST OF BAYOU BRANCH 532
LAKE PROVIDENCE, LAKE PROVIDENCE AT 116
LAKE ST. JOHN NEAR WATERPROOF 132
LAKE VERRET AT MOUTH OF CANCIENNE CANAL 551
AT MOUTH OF GRAND BAYOU DIVERSION CANAL 545
AT MOUTH OF LITTLE GRAND BAYOU 545
2.4 MILES SOUTHEAST OF PIERRE PART 545
4.3 MILES SOUTHEAST OF PIERRE PART 545
7 MILES SOUTHEAST OF PIERRE PART 551
LANIER CREEK NEAR LORANGER 228
LARAN, BAYOU DE LOUTRE NEAR 98
LAROSE, BAYOU LAFOURCHE AT 366
LARTO LAKE AT DAM, NEAR ACME 88
LAWRENCE CREEK NEAR FRANKLINTON 225
LEE LANDING, LAKE PONTCHARTRAIN AT MOUTH OF TANGIPHOA RIVER NEAR 452
LEEVILLE, BAYOU LAFOURCHE AT 417
LETON, FLAT LICK BAYOU NEAR 56
LILLIE, LITTLE CORNEY BAYOU NEAR 101

PAGE

LITTLE CORNEY BAYOU NEAR LILLIE 101
AT STATE HIGHWAY 3, AT PLAIN DEALING 238
LITTLE CYPRESS BAYOU, AT PLAIN DEALING 238
TRIBUTARY, AT PLAIN DEALING 238
LITTLE DUGDEMONA RIVER NEAR HODGE 227
LITTLE GRAND BAYOU AT MOUTH 545
LITTLE NATALBANY RIVER AT ALBANY 228
LITTLE RIVER AT ROCHELLE 127
NEAR ROCHELLE 128,320,772
LITTLE SANDY CREEK (TRIBUTARY TO BEAVER CREEK)
AT MILLDALE 240
LITTLE SANDY CREEK (TRIBUTARY TO KISATCHIE BAYOU)
AT KISATCHIE 84,772
LITTLE SIXMILE CREEK NEAR PITKIN 229
LITTLE TURKEY CREEK NEAR GILBERT 233
LITTLE TURKEY CREEK TRIBUTARY NEAR JIGGER 233
LIVELY BAYOU, EAST OF BATON ROUGE 241
NORTHEAST OF BATON ROUGE 241
SOUTHEAST OF BATON ROUGE 241
LOGANSPORT, BAYOU CASTOR NEAR 213
SABINE RIVER AT 210
LOGGY BAYOU NEAR NINOCK 67
LONG BRANCH NEAR ALEXANDRIA 235
LOWER ATCHAFALAYA RIVER AT MORGAN CITY 235,390,770
LOWER ROUNDAWAY TRIBUTARY NEAR TALLULAH 118
LUCKY, SALINE BAYOU NEAR 70
LULING FERRY, MISSISSIPPI RIVER AT 337

MACKS BAYOU, AT BOSSIER CITY 237
AT NORTH GATE ROAD, AT BOSSIER CITY 237
TRIBUTARY NO. 2 AT BOSSIER CITY 237
TRIBUTARY NO. 3 AT BOSSIER CITY 237
MADISONVILLE, LAKE PONTCHARTRAIN AT MOUTH OF TCHEFUNCTA
RIVER NEAR 457
MANCHAC, LAKE PONTCHARTRAIN AT PASS MANCHAC NEAR 470
MIDDLE OF LAKE MAUREPAS NEAR 475
MAP SHOWING LOCATION OF CONTINUOUS GAGING STATIONS 27
MAP SHOWING LOCATION OF CREST-STAGE STATIONS 28
MAP SHOWING LOCATION OF WATER-QUALITY STATIONS 29
MAP SHOWING LOCATION OF OBSERVATION WELLS 778
MAP SHOWING LOCATION OF OBSERVATION WELLS
IN EAST BATON ROUGE PARISH 779
MCCAIN CREEK, AT COOPER ROAD, NEAR SHREVEPORT 237
AT PINE HILLS ROAD, NEAR SHREVEPORT 237
NORTHWEST OF SHREVEPORT 225
MEAN CONCENTRATION 7
MEASUREMENTS AT MISCELLANEOUS SITES 231-236
MERMENTAU RIVER AT CATFISH POINT CONTROL STRUCTURE
(NORTH) NEAR GRAND CHENIERE 489
AT CATFISH POINT CONTROL STRUCTURE (SOUTH)
NEAR GRAND CHENIERE 490
MERRYVILLE, HOOSIER CREEK NEAR 222,775
METHYLENE BLUE ACTIVE SUBSTANCE, DEFINITION OF 5
MICROGRAMS PER LITER, DEFINITION OF 5
MIDDLE COLYELL CREEK NEAR WALKER 228
MIDDLE FORK BAYOU D'ARBONNE NEAR COLQUITT 226
NEAR DUBACH 233
MIDDLE OF GRASSY LAKE 548
MIDDLE OF LAKE MAUREPAS NEAR MANCHAC 475
MIDDLE OF LAKE PALOURDE 548
MILLIGRAMS PER LITER, DEFINITION OF 6
MINDEN, BAYOU DORCHEAT NEAR 58
MISSISSIPPI RIVER, AT BATON ROUGE 231,544,769
AT BELLE CHASE 353
AT LULING FERRY 337
AT MILE 507 542
AT MILE 418 543
AT MILE 314 543
AT MILE 294 544
AT SOUTH PASS, AT POINT EADS 538
AT SOUTHWEST PASS JETTY 540
AT PLAQUEMINE 333
AT TARBERT LANDING, MISS. 44,231,266
AT UNION 335
AT VENICE 355
AT VICKSBURG, MISS. 43,231
AT VIOLET 349
NEAR GREENSVILLE, MISS. 231
NEAR ST. FRANCISVILLE 327
NORTH PASS AT MOUTH 536
MISSISSIPPI SOUND (GIWW) AT MILE 46.5 NEAR GRAND ISLE 534
MONCLA, RED RIVER NEAR 305
MONTE SANO BAYOU AT BATON ROUGE 240
AT RYAN AIRPORT AT BATON ROUGE 239
MONROE, OUACHITA RIVER AT 104,248,310
MOREAUVILLE, BAYOU DES GLAISES DIVERSION
CHANNEL AT 168,773
MORGAN CITY, ATCHAFALAYA RIVER AT EUGENE ISLAND NEAR 412
LOWER ATCHAFALAYA RIVER AT 235,390,770

NANTACHIE LAKE NEAR ALOHA 76
NATALBANY RIVER AT BAPTIST 140,773
NATIONAL STREAM-QUALITY ACCOUNTING NETWORK 9
NETWORKS AND PROGRAMS, SPECIAL 8
NEW ORLEANS, INTRACOASTAL WATERWAY AT NOPSI PLANT
NEAR PARIS ROAD AT 430

PAGE

BONNET CARRE SPILLWAY AT U.S. HWY 61 NEAR 526
LAKE PONTCHARTRAIN AT GNO EXPRESSWAY BRIDGE NEAR .. 441
LAKE PONTCHARTRAIN AT LITTLE WOODS AT 446
LAKE PONTCHASTRAIN (IHN CANAL) AT 462
NEW RIVER AT GONZALES 243
NINOCK, LOGGY BAYOU NEAR 67
NORTH BRANCH WARD CREEK AT BATON ROUGE 242
AT GOODWOOD BOULEVARD AT BATON ROUGE 242
NORTH CHENIERE CREEK AT CHENIERE 226
NUMBERING SYSTEMS FOR WELLS AND WATER QUALITY
SITES 22

OAK GROVE, BIG COLEWA BAYOU NEAR 109
OAKES DIVERSION CHANNEL AT SLIDELL 240
OBERLIN, CALCASIEU RIVER NEAR 198,774
WHISKY CHITTO CREEK NEAR 200,774
OLD RIVER AT MONTROSE 239
OLD RIVER OUTFLOW CHANNEL NEAR KNOX LANDING 233,542
OLIVE BRANCH, COMITE RIVER NEAR 144
OLIVIER, BAYOU TECHE AT 400
ORDER, DOWNSTREAM, AND STATION NUMBERS 10
OTHER DATA AVAILABLE 16
OUCHITA RIVER AT COLUMBIA 312
AT MONROE 104,248,310
AT ALABAMA LANDING NEAR HAILE 91
NEAR ARKANSAS-LOUISIANA STATE LINE 89

PALMETTO CREEK NEAR DE RIDDER 236
PARTIAL-RECORD STATION, DEFINITION OF 6
PASS MANCHAC NEAR PONCHATOULA 364
PAW PAW BAYOU NEAR GREENWOOD 47,507
PEARL CREEK AT STATE HIGHWAY 111, AT BURR FERRY 229
PEARL RIVER AT POOLS BLUFF NEAR BOGALUSA 259
NEAR BOGALUSA 32,250,772
NEAR SLIDELL 231
PERIPHYTON, DEFINITION OF 6
PERRY, VERMILION RIVER AT 411
PERSIMMON BAYOU NEAR ALEXANDRIA 244
PESTICIDE, DEFINITION OF 9
PESTICIDE NETWORK 9
PHYTOPLANKTON, DEFINITION OF 7
PIERRE BAY AT MOUTH NEAR PIERRE PART 545
PINE PRAIRIE, BOGGY BAYOU NEAR 190,774
PIONEER, BIG COLEWA BAYOU NEAR 111
PLANKTON, DEFINITION OF 7
PLAQUEMINE, MISSISSIPPI RIVER AT 333
POLLOCK, BIG CREEK AT 130,323,772
POLYCHLORINATED BIPHENYLS DEFINITION OF 7
PONCHATOULA CREEK AT NATALBANY 228
PONCHATOULA, PASS MANCHAC NEAR 364
PORT VINCENT, BAYOU MANCHAC AT MOUTH NEAR 151
PRAIRIE CREEK NEAR LEESVILLE 230,236
PUBLICATIONS 15,19

RADIOCHEMICAL PROGRAM, DEFINITION OF 9
RADIOISOTOPES, DEFINITION OF 9
RAMBIN BAYOU NEAR FRIERSON 226
RED BANK CREEK AT EVANS 229
RED CHUTE BAYOU, AT SLIGO 238
NEAR ELM GROVE 238
NEAR SHREVEPORT 232,515
RED RIVER ABOVE SHREVEPORT 274
AT ALEXANDRIA 86,298
AT BOYCE 292
AT COLFAX 291
AT COUSHATTA 287
AT MOUTH OF BLACK RIVER 622
AT SHREVEPORT 51
NEAR MONCLA 305
NEAR HOSSTON 46,271
REDWOOD CREEK NEAR SLAUGHTER 228
RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL 478
RINGGOLD, LAKE BISTINEAU NEAR 60
ROBERT, TANGIPAHOA RIVER AT 136,517,772
ROBERTS CANAL, AT BATON ROUGE 241
NEAR BATON ROUGE 241
ROBIN, BAYOU TECHE AT 171
ROCHELLE, LITTLE RIVER AT 127
LITTLE RIVER NEAR 128,320,772
ROSPINE, BAYOU ANACOCO NEAR 219,521,775
RULIFF, TEX., SABINE RIVER NEAR 244
RUNOFF IN INCHES, DEFINITION OF 7
RUTH CANAL NEAR RUTH 176
RUTH, RUTH CANAL NEAR 176

SABINE RIVER, AT LOGANSPORT 210
AT TOLEDO BEND RESERVOIR NEAR BURKEVILLE, TEX. ... 215
NEAR BON WIER, TEX. 221
NEAR BURKEVILLE, TEX. 218
NEAR RULIFF, TEX. 224
ST. FRANCISVILLE, MISSISSIPPI RIVER NEAR 327
ST. MARTINVILLE, BAYOU TECHE AT KEYSTONE LOCK, NEAR 174,396
SALINE BAYOU, AT ALLEN DAM, NEAR CLARENCE 239
NEAR BIENVILLE 226
NEAR CLARENCE 75
NEAR LUCKY 70

	PAGE
SALINE LAKE NEAR CLARENCE	239
SAND BEACH BAYOU, AT SHREVEPORT	238
NEAR SHREVEPORT	238
SANDY CREEK (TRIBUTARY TO AMITE RIVER) SOUTHEAST OF CLINTON	228
SANDY CREEK (TRIBUTARY TO SABINE RIVER) NEAR BURR FERRY	244
SAREPTA, BODCAU BAYOU NEAR	61,514
SCHOONER BAYOU AT CONTROL STRUCTURE (EAST) NEAR FORKED ISLAND	480
AT CONTROL STRUCTURE (WEST) NEAR FORKED ISLAND	481
SEDIMENT, DEFINITION OF	7,19
SELECTED REFERENCES	23
SEEPAGE INVESTIGATIONS:	
CASTOR CREEK	245
SPRING CREEK	246
SHETTLEWORTH BAYOU NEAR BLANCHARD	232
SHREVEPORT, RED RIVER ABOVE	274
RED RIVER AT	51
SILVER CREEK NEAR CLIFTON	225
SIMMESPORT, ATCHAFALAYA RIVER AT	157,234,379
SIXMILE CREEK NEAR SUGARTOWN	229
SLIDELL, LAKE PONTCHARTRAIN AT NORTH SHORE NEAR	467
RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR	478
SOLUTES, DEFINITION OF	8,17
SPECIAL NETWORKS AND PROGRAMS	8
SPECIFIC CONDUCTANCE, DEFINITON OF	8
SPRING CREEK NEAR GLENMORA	160,773
SPRINGHILL, BAYOU DORCHEAT NEAR	53
STAGE-DISCHARGE RELATION, DEFINITION OF	8
STARKS, BEAR HEAD CREEK NEAR	208,774
STATE CANAL NEAR KROTZ SPRINGS	170
STATE LINE CREEK AT ST HW 168, NEAR RODESSA	232
STOWE CREEK NEAR FARMERVILLE	226,233
SUGAR CREEK NEAR ARCADIA	226
SURFACE-WATER PUBLICATIONS, EXPLANATION OF	10
SURFACE WATER RECORDS	31
SUSPENDED SEDIMENT, DEFINITION OF	7
SUSPENDED-SEDIMENT DISCHARGE, DEFINITION OF	7
SUSPENDED-SEDIMENT CONCENTRATION, DEFINITION OF	7
SWAN LAKE NEAR ELM GROVE	238
TALLULAH, BRUSHY BAYOU AT	117
LOWER ROUNDAWAY BAYOU TRIBUTARY NEAR	118
TANGIPAHOA RIVER, AT ARCOLA	240
AT ROBERT	136,517,772
AT TANGIPAHOA	240
NEAR KENTWOOD	227
TARBET LANDING, MISS., MISSISSIPPI RIVER AT	44,231,266
TCHEFUNCTA RIVER NEAR FOLSOM	134,772
NEAR FRANKLINTON	240
TEMPERATURE, DEFINITION OF	18
TENDAL, TENSAS RIVER AT	119,315
TENMILE CREEK NEAR ELIZABETH	229
TENSAS BAY SPLICE NEAR CATAHOULA	234
TENSAS RIVER AT TENDAL	119,315
TERMS AND ABBREVIATIONS, DEFINITION OF	2
TERRYS CREEK NEAR KENTWOOD	227
THERMOGRAPH, DEFINITION OF	8
THIBODAUX, BAYOU LAFOURCHE AT	154,771
TICKFAW RIVER, AT HOLDEN	138,518,772
AT LIVERPOOL	228
AT MONPELIER	228
TOLEDO BEND RESERVOIR NEAR BURKEVILLE, TEX.	214
TONS PER ACRE-FOOT, DEFINITION OF	3
TONS PER DAY, DEFINITION OF	8
TORO, BAYOU TORO NEAR	216,774
TOULON BAYOU NEAR RINGGOLD	232
TURKEY CREEK AT ST. HWY. AT WINNSBORO	115
NEAR JIGGER	226,233
TURNERS BAYOU CANAL NEAR WOODSIDE	244
TWELVEMILE BAYOU, BELOW DIXIE	237
NEAR DIXIE	49
NEAR SHREVEPORT	513
TYLERTOWN, MISS., BOGUE CHITTO NEAR	39
UNION, MISSISSIPPI RIVER AT	335
UNNAMED TRIBUTARY AT FRED	224
UNNAMED TRIBUTARY AT ZACHARY	233
SOUTHWEST OF ZACHARY	233
WEST OF ZACHARY	233
VALENTINE, BAYOU LAFOURCHE AT	155
VENICE, MISSISSIPPI RIVER AT	355
VERMILION BAY AT CYPREMORT POINT	482
VERMILION RIVER AT LAFAYETTE	177
AT PERRY	411
AT STATE HIGHWAY 3073, NEAR LAFAYETTE	182,404
VICKSBURG, MISS., MISSISSIPPI RIVER AT	43
VIOLET, MISSISSIPPI RIVER AT	349
WARD CREEK, AT COLLEGE DRIVE, NEAR BATON ROUGE	242
AT ESSEN LANE, NEAR BATON ROUGE	242
AT SIEGEN LANE, NEAR BATON ROUGE	243
WASHINGTON, BAYOU COURTABLEW AT	166,773
WASHLEY CREEK NEAR ROBERT	228
WATER-QUALITY PUBLICATIONS	19
WATER-QUALITY RECORD	16
WATERPROOF, LAKE ST. JOHN NEAR	132
WAX LAKE OUTLET AT CALUMET	234,386,769
WEINER CREEK NEAR BATON ROUGE	242
WEST ANACOCO CREEK NEAR HORNBECK	229,236
WEST TURKEY CREEK NEAR JIGGER	233
WHISKEY BAY PILOT CHANNEL NEAR ATCHAFALAYA	234
WHISKY CHITTO NEAR OBERLIN	200,774
WHITE BAYOU, NEAR BATON ROUGE	240
AT STATE HIGHWAY 64, NEAR ZACHARY	240
WHITE LAKE IN NORTHEAST CORNER, NEAR LITTLE PRAIRIE RIDGE, AND NEAR FORKED ISLAND	486
WINNFIELD, DUGDEMONA RIVER NEAR	125,516
WINNSBORO, TURKEY CREEK AT ST. HWY.	115
WRD, DEFINITION OF	8
WSP, DEFINITION OF	8
YCLOSKEY, BAYOU LALOUTRE AT ALLUVIAL CITY AT	418
MERCI LE BON DIEU	THE END

☆ U.S. GOVERNMENT PRINTING OFFICE: 1975 674-947

October 1, 1978

FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI). This report contains both the inch-pound and SI unit equivalents in the station manuscript descriptions.

Multiply inch-pound units	By	To obtain SI units
	Length	
inches (in)	2.54×10^{1}	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^{0}	kilometers (km)
	Area	
acres	4.047×10^{3}	square meters (m^2)
	4.047×10^{-1}	square hectometers (hm^2)
	4.047×10^{-3}	square kilometers (km^2)
square miles (mi^2)	2.590×10^{0}	square kilometers (km^2)
	Volume	
gallons (gal)	3.785×10^{0}	liters (L)
	3.785×10^{0}	cubic decimeters (dm^3)
	3.785×10^{-3}	cubic meters (m^3)
million gallons	3.785×10^{3}	cubic meters (m^3)
	3.785×10^{-3}	cubic hectometers (hm^3)
cubic feet (ft^3)	2.832×10^{1}	cubic decimeters (dm^3)
	2.832×10^{-2}	cubic meters (m^3)
cfs-days	2.447×10^{3}	cubic meters (m^3)
	2.447×10^{-3}	cubic hectometers (hm^3)
acre-feet (acre-ft)	1.233×10^{3}	cubic meters (m^3)
	1.233×10^{-3}	cubic hectometers (hm^3)
	1.233×10^{-6}	cubic kilometers (km^3)
	Flow	
cubic feet per second (ft^3/s)	2.832×10^{1}	liters per second (L/s)
	2.832×10^{1}	cubic decimeters per second (dm^3/s)
	2.832×10^{-2}	cubic meters per second (m^3/s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm^3/s)
	6.309×10^{-5}	cubic meters per second (m^3/s)
million gallons per day	4.381×10^{1}	cubic decimeters per second (dm^3/s)
	4.381×10^{-2}	cubic meters per second (m^3/s)
	Mass	
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons