

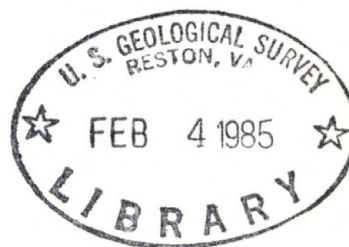
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Water Resources Data Louisiana

Water Year 1983

Volume 2. Southern Louisiana



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-83-2

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

CALENDAR FOR WATER YEAR 1983

1982

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Water Resources Data Louisiana Water Year 1983

Volume 2. Southern Louisiana

by D.D. Carlson, G.R. Stallworth, L.J. Dantin, and C.L. Stuart



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-83-2
Prepared in cooperation with the Louisiana
Department of Transportation and Development
and with other State and Federal agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

WILLIAM P. CLARK, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For information on the water program in Louisiana write to
District Chief, Water Resources Division
U.S. Geological Survey
P. O. Box 66492
Baton Rouge, LA 70896

1983

PREFACE

This volume of the annual hydrologic data report of Louisiana is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for Louisiana are contained in 2 volumes.

Volume 1. Central and Northern Louisiana
Volume 2. Southern Louisiana

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

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

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INTRODUCTION

Water resources data for the 1983 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of ground water. This report, in two volumes, contains discharge records for 79 gaging stations; stage record for 69 of these gaging stations; stage only for 50 gaging stations; contents for 1 reservoir; stage only for 11 lakes; water quality for 110 stations (33 of these at gaging stations), 10 miscellaneous sites, 12 lakes, and 213 wells; and water levels for 679 observation wells. Also included are data for 88 crest-stage partial-record stations and 107 flood-profile partial-record stations. Additional water data were collected at various sites, not involved in the systematic data-collection program, and are published as miscellaneous measurements and analysis. These data stations 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 September 30, 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." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from Branch of Distribution, U.S. Geological Survey, 604 South Pickett Street, Alexandria, VA 22304.

For water years 1961 through 1970, streamflow data were released by the Geological Survey in annual reports on a state-boundary basis. Water-quality records for water years 1964 through 1970 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1971 water year, water data for streamflow, water quality, and ground water are published in official Survey reports on a state-boundary basis. These official Survey reports carry an identification number consisting of the two-letter state abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report LA-83-2." Water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on page II or by telephone (504) 389-0281.

COOPERATION

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

Louisiana Department of Transportation and Development, Paul J. Hardy, Secretary; Office of Public Works, I. F. "Jiff" Hingle, Assistant Secretary, and Office of Highways, Neil L. Wagoner, Assistant Secretary.

Louisiana Department of Natural Resources, Frank A. Simoneaux, Secretary; Water Pollution Control Division, J. Dale Givens, Administrator, and Office of Conservation, James H. Welsh, Chief of Surface Mining Division.

City of Baton Rouge and Parish of East Baton Rouge, Pat Screen, Mayor-President; Department of Public Works, William Addison, Director.

Sabine River Compact Administration, composed of James B. Furrh, Jr., Chairman; Darrell Williamson and Raymond J. Palmer for Louisiana; David V. Gardner, and J. M. Syler for Texas.

Capital Area Ground Water Conservation Commission, Robert I. Pierce III, Chairman.

Assistance in the form of funds or services was provided by the Corps of Engineers, U.S. Army and the National Park Service in collection of records for 36 stage and discharge stations and 58 water-quality stations published in this report.

Organizations that supplied data are acknowledged in station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Surface Water

In the northeastern part of the State, excessive rainfall continued from September into October 1982. On October 7 and 8, 12.19 inches of rain fell at the Lake Providence reporting station. Due to this rain, Bayou Macon near Delhi experienced the second highest monthly mean flow of record for October, 1,874 ft³/s. The maximum, 2,217 ft³/s, occurred in 1959. Flow in the Atchafalaya River at Simmesport and the Mississippi River at Baton Rouge continued in the normal range during October. Calcasieu River near Oberlin was deficient in flow during October. The monthly average flow was 50.5 ft³/s, 20 percent of the monthly long-term average runoff, 251 ft³/s.

During the latter part of November, rainfall was excessive at most reporting stations, notably Boyce and De Ridder. During the period November 17-28, De Ridder had 12.23 inches of rainfall with rain occurring on ten days during this period. Boyce had 14.12 inches of rainfall, November 16-30, with rain occurring on nine of these fifteen days. The effects of this excessive rainfall was reflected in the runoff of the Calcasieu River basin, as the average flow of the Calcasieu River went from the deficient range in October to above average in November. Rainfall in northeastern Louisiana was also above normal for November. The average flow of Bayou Macon reflected this by exceeding the November long-term average by 120 percent. The mean flow was 1,071 ft³/s compared to the long-term November average of 482 ft³/s. The average flow for Big Creek at Pollock, 85.2 ft³/s, greatly exceeded the November long-term average, 38.5 ft³/s.

December was the third consecutive month with unusually excessive rainfall, owing mainly to three separate storms. The first occurred December 1-5, the second December 10-12, and the last December 22-28. The statewide average rainfall was about 15 inches, which is the highest average for December for the entire climatic record beginning in 1888; the previous statewide high average rainfall for December was 13 inches in 1911. The previous high for any given month, statewide, was 14.4 inches in May, 1907. The greatest monthly rainfall total at any reporting station in Louisiana for December, 1982, was 25.45 inches at Belah Fire Tower, in LaSalle Parish, northeast of Alexandria. Table 1 gives rainfall amounts for selected reporting stations in Louisiana during December.

Table 1.--Rainfall amounts for selected stations in Louisiana during December, 1982.

Rainfall stations	Monthly total for December (inches)	Maximum 24-hour (inches)	Date of maximum daily
Alexandria	20.80	7.20	Dec. 26
Baton Rouge WSO AP	15.94	7.22	Dec. 3
Belah Fire Tower	25.45	11.50	Dec. 26
Bogalusa	12.23	9.06	Dec. 4
Calhoun Exp. Station	22.21	6.49	Dec. 26
Clinton	16.75	8.54	Dec. 4
DeQuincy Fire Tower	22.89	8.00	Dec. 27
De Ridder	23.18	8.40	Dec. 26
Jonesboro Fire Tower	22.56	7.90	Dec. 27
Leesfield	23.04	7.30	Dec. 27
Monroe NLU	20.66	6.82	Dec. 26
Natchitoches	21.77	6.00	Dec. 27
Winnfield 2W	23.08	7.73	Dec. 26

Average streamflow in December ranged from 400 to 900 percent of the long-term average monthly flow, at most index sites. (See Table 2.) The instantaneous maximum discharge for the period of record and the 100-year flood were exceeded at many sites in the State (Sauer, 1983). For example, Little River near Rochelle had a peak discharge on December 29 of 108,000 ft³/s, exceeding the 100-year flood event. The previous maximum was 54,800 ft³/s. The monthly mean discharge for December 1982 at all index sites exceeded the previous maximum monthly mean of record. (See figs. 2-8.)

Table 2.--Average discharges for selected stations in Louisiana during December, 1982, and for period of record.

Station number	Station name	Average discharge, in cubic feet per second		
		Period of record ^{1/}	Month of December for period of record ^{2/}	Month of December 1982
02489500	Pearl River near Bogalusa	9,599	9,065	39,110
07352000	Saline Bayou near Lucky	160	176	971
07370000	Bayou Macon near Delhi	982	933	6,647
07373000	Big Creek at Pollock	59.5	58.3	470
07378500	Amite River near Denham Springs	1,970	2,248	9,423
08013500	Calcasieu River near Oberlin	1,120	1,335	10,130
08025500	Bayou Toro near Toro	137	144	1,166

^{1/} Average discharge does not include 1982 water year.

^{2/} Average discharge does not include December 1982 monthly mean.

Moderate rain during January maintained the excessive average flows experienced in December. Monthly mean flows were above long-term averages at most index sites.. For example, Pearl River near Bogalusa had a January mean flow of 39,110 ft³/s compared to the long-term monthly average of 14,420 ft³/s for the period 1939-82. (See fig. 2.) The Mississippi River at Baton Rouge had a maximum daily-mean discharge of 1,226,000 ft³/s at a stage of 38.0 ft on January 12.

During February, precipitation was above normal everywhere in Louisiana except at a few reporting stations in the central part of the State. This rainfall sustained the above average flow conditions prevailing in most streams. Monthly mean flows exceeded the long-term average at all index sites. For example, Saline Bayou near Lucky had a mean flow of 925 ft³/s compared to the long-term monthly average of 285 ft³/s. (See fig. 3.) Also, Amite River near Denham Springs had a monthly mean flow of 7,859 ft³/s, whereas the long-term monthly average is 3,505 ft³/s. (See fig. 6.) Some relief from the rains came in March, and streamflows generally declined at most index sites; but flows were still above normal at most index sites.

Extreme flooding occurred due to very excessive rainfall in early April. Most of the flooding was associated with heavy rains April 5-6 in southeastern Louisiana. Franklinton reported a monthly total for April of 18.06 inches, of which 13.4 inches occurred April 5-7 and 10.56 inches fell on April 6. Tylertown, Miss. and Columbia, Miss. reported rainfall amounts of 15.54 inches and 17.48 inches, respectively, for the period April 4-8 (Carlson, 1983). This extreme rainfall caused extensive flooding in most of the river basins in southeastern Louisiana, the most extreme flooding was along the Bogue Chitto. For example, Bogue Chitto at Franklinton experienced a stage that exceeded the previous maximum (since 1900) by 4.14 feet, and the April 7 peak discharge of 125,000 ft³/s was more than two times the previous maximum discharge, having a frequency greater than 100 years. Downstream Bogue Chitto near Bush had a stage that was 3.91 feet greater than the previous maximum (since 1937) on April 8. The peak discharge of 131,700 ft³/s was more than twice the previous maximum, and the frequency of this event is greater than 100 years. Extreme flooding was experienced in the Lower Pearl River near Slidell. A stage of 21.05 feet was recorded at the Pearl River at Pearl River site, with a discharge of 230,000 ft³/s. This flow had a recurrence interval greater than 100 years. The monthly mean flow for Amite River near Denham Springs was 10,670 ft³/s and greatly exceeded the April long-term average of 3,342 ft³/s. The April 1983, mean did not exceed the maximum April mean (13,150 ft³/s), which occurred April 1980. (See fig. 6.) Streamflow at most index stations in other areas of the State were still above their monthly long-term averages.

During May, excessive rainfall again plagued north-central Louisiana. Severe weather, including tornadoes, high winds, and heavy rainfall caused major damage. Precipitation was well above average; the maximum monthly total for the State was 22.3 inches at Winona Fire Tower in Winn Parish. Bayou Toro near Toro and Big Creek at Pollock had monthly means that exceeded their long-term monthly average for May. The May mean discharge for Bayou Toro was 830 ft³/s, a new record. The long-term average flow for May is 171 ft³/s (1956-82). Big Creek at Pollock had a May mean flow of 338 ft³/s compared to the long-term average of 83.3 ft³/s.

The total precipitation for the northeastern area of Louisiana amounted to 93 inches, June, 1982 to June, 1983, about 80-percent more than the long-term average based on the period 1941-70. The Mississippi River peaked for the second time during the water year on June 5 at an elevation of 43.9 feet; this was the fifth highest elevation of record. The discharge corresponding to this peak was approximately 1,470,000 ft³/s.

During June, streamflows generally declined and this trend continued into July. The larger rivers--the Red, Atchafalaya, and Mississippi--continued to have monthly average flow exceeding the July long-term average. The June mean discharge for Pearl River near Bogalusa was 22,550 ft³/s, a new record. The long-term average flow for June is 4,780 ft³/s (1939-82).

A very heavy localized rain occurred August 2 southeast of Baton Rouge. One reporting station, Woodlawn, recorded 14.4 inches. This station had an August total of 21.7 inches. The effect of this rainfall was reflected in the flow of the Amite River near Denham Springs where the August mean flow was 4,919 ft³/s compared to the long-term monthly average of 1,010 ft³/s. This was a new mean flow of record for August; the previous maximum was 4,341 ft³/s, which occurred in 1975. Bayou Toro near Toro also experienced excessive runoff, as the monthly mean discharge was 107 ft³/s compared to the long-term monthly average of 26.7 ft³/s. This monthly mean was the second largest of record; only the 1958 August mean flow of 198 ft³/s was higher.

In the northeastern part of Louisiana, which had been saturated for 10 months, the weather made a complete reversal during July and August. This area became very dry with a total August precipitation of 0.4 inches at Tallulah and less than 0.8 inches at Lake Providence.

Streamflows continued their decline in September, as only two index stations had monthly mean discharges that exceeded their September long-term average. Some heavy rainfall associated with Gulf Tropical Disturbances occurred along the coastal areas of Louisiana.

In the Mississippi River at New Orleans, dissolved-oxygen concentrations ranged from 5.0 to 12.4 mg/L, water temperatures ranged from 5.5 to 31.5 °C, and pH ranged from 6.9 to 8.0 units during the water year. All measured values were within the limits of water-quality criteria set by the State of Louisiana for all uses. The criteria are 5.0 mg/L for dissolved oxygen, 32.0°C for temperature, and 6.5 to 9.0 units for pH.

GROUND WATER

In northern and central Louisiana, water-level trends in wells screened in the Sparta and Miocene aquifers show that the long-term regional decline in water levels in these aquifers was interrupted in many areas during the water year. At the end of the water year, levels were stable in some areas and were rising in a few areas. Previously, water levels had been declining at the rate of 0.5 to 2.5 feet per year. The recent changes in trend are related to reduced industrial pumpage resulting from unfavorable economic conditions. Water-level trends in wells screened in the Wilcox-Carrizo, Cockfield, and alluvial aquifers reflected normal seasonal fluctuations. Water levels in wells screened in the terrace aquifer respond to long-term excesses or deficiencies in precipitation. During the 1983 water year, the level in well G-127B, a key observation well screened in the terrace aquifer, rose to a level near the average high for the past 10 years, after declining in 1981-82.

Water-level trends in wells in the Chicot aquifer of southwestern Louisiana generally showed a substantial rise in water levels during the 1983 water year. In the rice-growing area, water levels were typically about 5 feet higher at year end than at the beginning of the water year. This was primarily the result of reduced rice acreage and, therefore, reduced irrigation pumping. Water levels in the Lake Charles industrial area rose 6 to 17 feet during the year. The largest rise occurred in wells in the "500-foot" sand, and the smallest was in wells in the "200-foot" sand. Levels in wells in the "700-foot" sand were 10 to 12 feet higher in September 1983 than in September 1982.

Water levels in wells in the Evangeline aquifer in St. Landry Parish were mixed. At year end, the level in the key well at Opelousas was 3.5 feet lower than that for the previous September. From May to July, levels reached consecutive lows for the period of record (0.6 feet lower in July than the previous record low, September 1980). In contrast, the water level in the key observation well at Eunice was about 2.5 feet higher at year end than in September 1982.

In the Baton Rouge area, the general long-term rising trend of water levels in wells in the "400-foot" and "600-foot" sands was halted during 1983, when seasonal highs were generally about 10 feet lower and seasonal lows were 3 to 5 feet lower than in 1982. Levels in wells in the "800-foot" and "1,000-foot" sands rose 2 to 4 feet from the beginning to the end of the 1983 water year. Levels in wells in the "1,500-foot" and "1,700-foot" sands were 0.5 to 9 feet higher in October 1983 than in October 1982. Due to the decrease in pumping in the industrial areas, water levels in most observation wells in the "1,200-foot", "2,000-foot", "2,400-foot", and "2,800-foot" sands continued to rise during the water year. Fall 1983 water levels in wells in the "1,200-foot" sand were 1.5 to 6 feet higher than at comparable times in 1982. Water-level rises of 2 to 18 feet were observed in many wells in the "2,000-foot" sand, continuing the general water-level rise that has occurred over the past 4 years. Levels in key observation wells in the "2,400-foot" sand rose 3.5 to 18 feet from fall 1982 to fall 1983. The reversal of the downward trend of water levels in wells in the "2,800-foot" sand continued this year, as for the past 2 to 3 years.

Data from saltwater-monitoring wells in the "600-foot" sand of the Baton Rouge area continue to indicate stabilization of the interface between freshwater and saltwater in the aquifer, as chloride concentrations did not increase during the 1983 water year. The chloride concentration in several saltwater-monitoring wells in the "1,500-foot" sand continued to rise slowly.

In the New Orleans area, water levels in most observation wells in the Gonzales-New Orleans aquifer continued the rising trend that began in 1974. Due to a decrease in pumping, water levels in wells in the downtown area in October 1983 were 0.5 to 17 feet higher than in October 1982. One half of the observation wells in this aquifer set new highs of record during the first seven months of the 1983 water year. In wells in the Gramercy and Norco aquifers, spring 1983 water levels were 0.5 to 1.5 feet higher than levels recorded during spring 1982, but fall 1983 levels were 0.5 to 5 feet lower than fall 1982.

Mapping of the interface, or boundary, between freshwater and saltwater in the Gonzales-New Orleans aquifer in the New Orleans area indicates a slow northward migration of salty water toward pumping centers in northern and eastern Orleans Parish. A recently prepared map (Dial, 1983), which compares the 1960-62 position to the 1981-82 position of the interface, shows that the interface has moved northward 0.5 to 1.5 miles in the New Orleans metropolitan area during the past 20 years.

In the Florida Parishes, water levels in most observation wells in the shallow sands (upper and lower Ponchatoula and Big Branch aquifers) rose 1.5 to 4 feet during the 1983 water year. Water-level trends in wells in the intermediate sands (Abita, Covington, Kentwood, Slidell, and Tchefuncta aquifers) and the deep sands (Amite, Hammond, Franklinton, and Ramsay aquifers) varied during the 1983 water year. Spring 1983 levels generally were 1 to 2 feet lower than at comparable times in 1982, and new lows of record occurred in a few observation wells. However, fall levels were 0.5 to 8 feet higher than fall 1982. Spring levels in wells in the deep sands were slightly higher than at comparable times in 1982. However, the long-term declining trend of water levels in many wells in St. Helena and Tangipahoa Parishes continued during the fall; levels were 1 to 9.5 feet lower during fall 1983 than fall 1982. Slight water-level rises (2 to 4 feet) occurred in observation wells in Washington Parish, interrupting the declining trend of past years.

REFERENCES:

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- Dial, D. C., 1983, Ground-Water Data for the Mississippi River Parishes in the Greater New Orleans Area, Louisiana, 47 p.
- National Climatic Center, Climatological Data in Louisiana, December 1982, Vol. 87, No. 12, 10 p.
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DEFINITION OF TERMS

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

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

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

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

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

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as all the organisms that produce colonies within 24 hours when incubated at 35°C $\pm$ 0.5°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

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

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

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

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

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

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

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

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

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

Bottom material: See Bed material.

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

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

Cells/volume refers to the number of cells on any organism that is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

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

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

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

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

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

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

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

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

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

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

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

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

Dissolved refers to that material in a representative water sample which passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

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

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

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

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

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

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

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

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

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate (CaCO₃).

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

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

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

Micrograms per gram (Mg/g) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

Micrograms per kilogram (Mg/kg) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (kilogram) of sediment.

Micrograms per liter (Mg/L) is a unit expressing the concentration of chemical constituents in solution. Micrograms per liter represent the mass of solute per unit volume (liter) of water.

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

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

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

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

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

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

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

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

The classification is as follows:

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

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

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

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

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

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

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

2,4-D (2,4-dichlorophenoxy)acetic acid.
2,4,5-T (2,4,5-trichlorophenoxy)acetic acid.
Silvex 2-(2,4,5-trichlorophenoxy)propionic acid.

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

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

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

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

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

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

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

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

Polychlorinated naphthalenes (PCNs) are industrial chemicals that are mixtures of chlorinated naphthalene compounds having various percentages of chlorine.

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 colloid.

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

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

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

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

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

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

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in micromhos per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

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

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

Substrate is the physical surface upon which an organism lived.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to State annual basic-data reports published before 1975; since 1975, abbreviated as WDR (Water-Data Report).

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

DOWNSTREAM ORDER AND STATION NUMBER

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

As an added means of identification, each hydrologic station and partial-record 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 other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8 to 14-digit number for each station such as 02489500000000, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6 to 12-digit downstream order number "489500000000". Records in this report, in two volumes, 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).

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The 8 to 14-digit downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous 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 miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits (assigned sequentially) identify the wells or other sites within a 1-second grid. See figure 1, following. In Louisiana, wells are further identified by a local well number that consists of a letter code that identifies the parish (county) in which the well is located, followed by a serial number assigned when the well was inventoried.

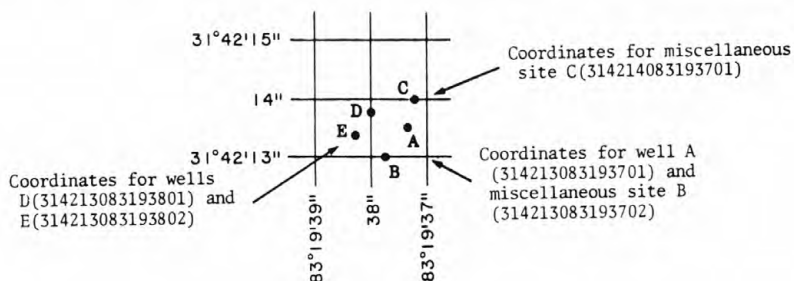


Figure 1. System for numbering wells and miscellaneous sites (latitude and longitude)

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.

National stream-quality accounting network (NASQAN) is a data-collection network designated by the U.S. Geological Survey to meet many of the 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 into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

Pesticide program is a network of regularly sampled water-quality stations where samples are collected to determine the concentration and distribution of pesticides in streams where potential contamination could result from the application of commonly used insecticides and herbicides. Operation of the network is a Federal interagency activity.

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

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

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and Computation of Data

The base data collected at gaging stations consist of records of stage and measurements of discharge for streams or canals; and stage, surface area, and contents for lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph or a tape punched at selected time intervals of the stage fluctuations. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in the U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

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), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean 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 shifting-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 the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

For a 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 necessary to define new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some gaging stations, there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily mean discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily mean discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. 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. 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."

Previously published streamflow 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 "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which the figures are revised in that report. In listing the water years only 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 are affected by the revisions, the 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 report.

The type of gage currently in use, the datum of the present gage referred to National Geodetic Vertical Datum, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE". National Geodetic Vertical Datum is explained in "DEFINITION OF TERMS."

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow at the gaging station 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 given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than five complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance. Under "EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding 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 on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with "EXTREMES FOR THE CURRENT YEAR"; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject 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. The minimums for these stations are published in a separate paragraph following the table of peaks.

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 mean discharges, respectively, 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, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the discharges for the calendar and water years.

Footnotes to the table of daily mean discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because 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-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.

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 all 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 follow the information for continuous-record sites. Data for partial-record discharge stations are presented in three tables. The first is a table of annual maximum stage and discharge at crest-stage stations, 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 Field Data and Computed Results

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

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

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. 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.

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

Other Data Available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, 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.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

Records of Discharge Collected by Agencies other than the Geological Survey

Records of discharge not published by the Geological Survey were collected during the water year at sites in Louisiana by the Corps of Engineers, U.S. Army. The National Water Data Exchange, Water Resources Division, U.S. Geological Survey, National Center, Reston, VA 22092, maintains an index of such sites. Information on records available at specific sites can be obtained upon request.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

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

The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, water temperatures, sediment discharge), extremes of pertinent data, and general remarks.

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

For ground-water records, no descriptive statements are given; however, the well number, depth of well, date of sampling, and geologic unit (aquifer) are given in the table containing the chemical analyses of the ground water.

Water Analysis

Most methods for collecting and analyzing water samples are described in the "U.S. Geological Survey Techniques of Water-Resources Investigations" listed on a following page.

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 a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of alkalinity in the laboratory.

For chemical-quality stations equipped with digital recorders and monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water Temperature

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

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

Sediment

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

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

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

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

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

Collection of the Data

Ground-water-level data from the State network of observation wells are published herein. This basic network contains observation wells so located that significant areal data are obtained from the most important aquifers.

Each well is identified by (1) a 15-digit number that is based on latitude and longitude and (2) a local well number that identifies the well within an individual parish (county). See figure 1.

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

Water-level measurements in this report are given in feet with reference to land-surface datum (LSD). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above National Geodetic Vertical Datum of 1929 (NGVD) is given in the well description. Altitudes with zeros in the tenths and hundredths columns are interpolated from topographic maps and are generally accurate only to about 1-5 feet. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day, the end of each month, 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 in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or to the nearest foot. In the computer format used in this report, zeros shown in the hundredths column generally indicate measurements accurate only to tenths.

ACCESS TO WATSTORE DATA

The National WATER Data STORage and RETrieval System (WATSTORE) was established for handling water data collected through the activities of the U.S. Geological Survey and to provide for more effective and efficient means of releasing the data to the public. The system is operated and maintained on the central computer facilities of the Survey at its National Center in Reston, Virginia.

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from each of the Water Resources Division's district offices (see address given on the back of the title page).

General inquiries about WATSTORE may be directed to:

Chief Hydrologist
U.S. Geological Survey
437 National Center
Reston, Virginia 22092

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

Thirty-seven manuals by the U.S. Geological Survey have been published to date in the series on techniques describing procedures for planning and executing specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) is on surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises. The reports listed below are for sale by the U.S. Geological Survey, Branch of Distribution, 604 South Pickett St., Alexandria, VA 22304 (authorized agent of the Superintendent of Documents, Government Printing Office).

NOTE: When ordering any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations".

- 1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
- 1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
- 2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
- 2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.
- 3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.
- 3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.
- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.
- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
- 3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
- 3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
- 3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.
- 3-A9. *Measurement of time of travel and dispersion in streams by dye tracing*, by E. F. Hubbard, F. A. Kilpatrick, L. A. Martens, and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1982. 44 pages.
- 3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
- 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
- 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
- 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
- 4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
- 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 pages.
- 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
- 5-A3. *Methods for analysis of organic substances in water*, by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages.
- 5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, edited by P. E. Greeson, T. A. Ehlike, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.
- 5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L. I. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.
- 5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
- 7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.
- 7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
- 7-C3. *A model for simulation of flow in singular and interconnected channels*, by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.
- 8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
- 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

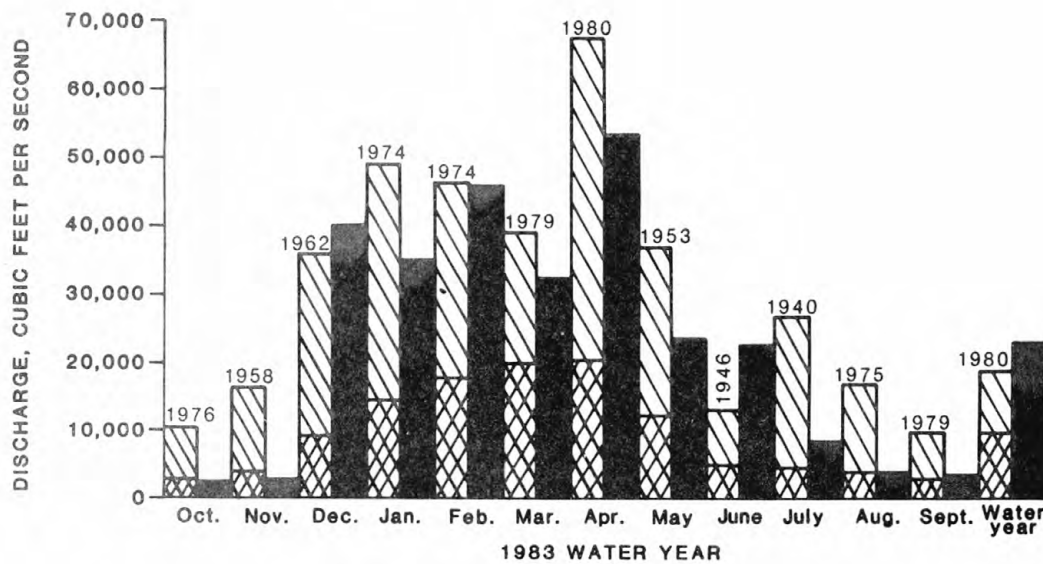


Figure 2.--Pearl River near Bogalusa, La.

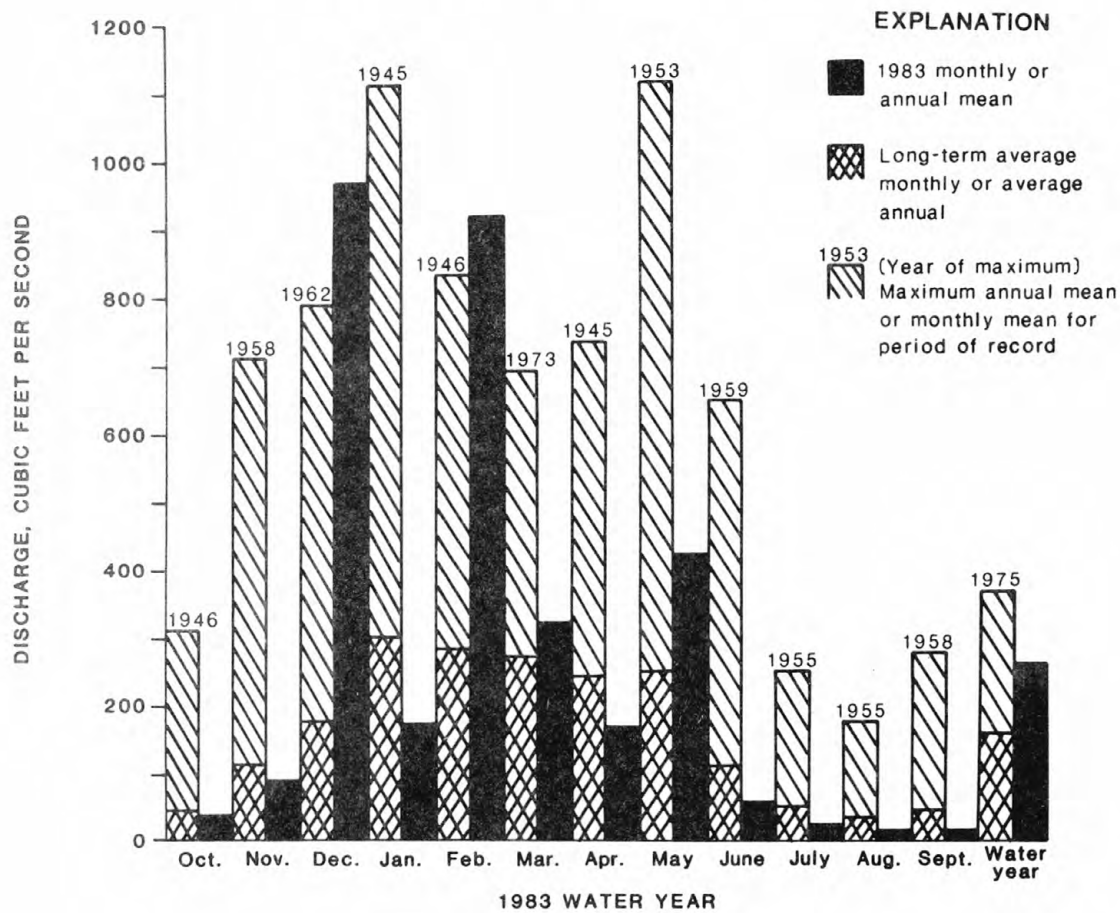


Figure 3.--Saline Bayou near Lucky, La.

WATER RESOURCES DATA FOR LOUISIANA, 1983

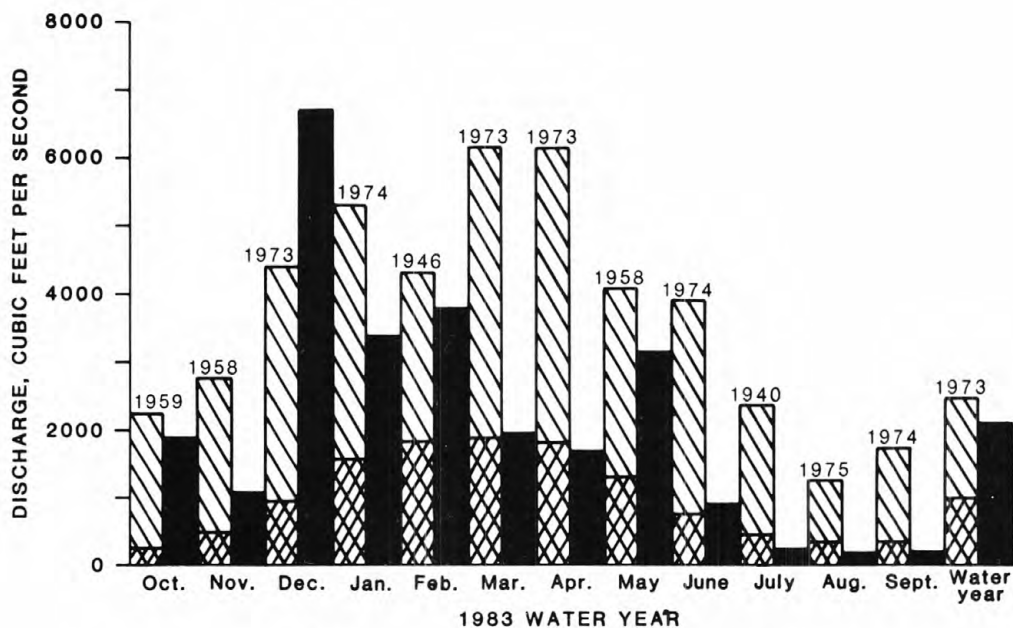


Figure 4.--Bayou Macon near Delhi, La.

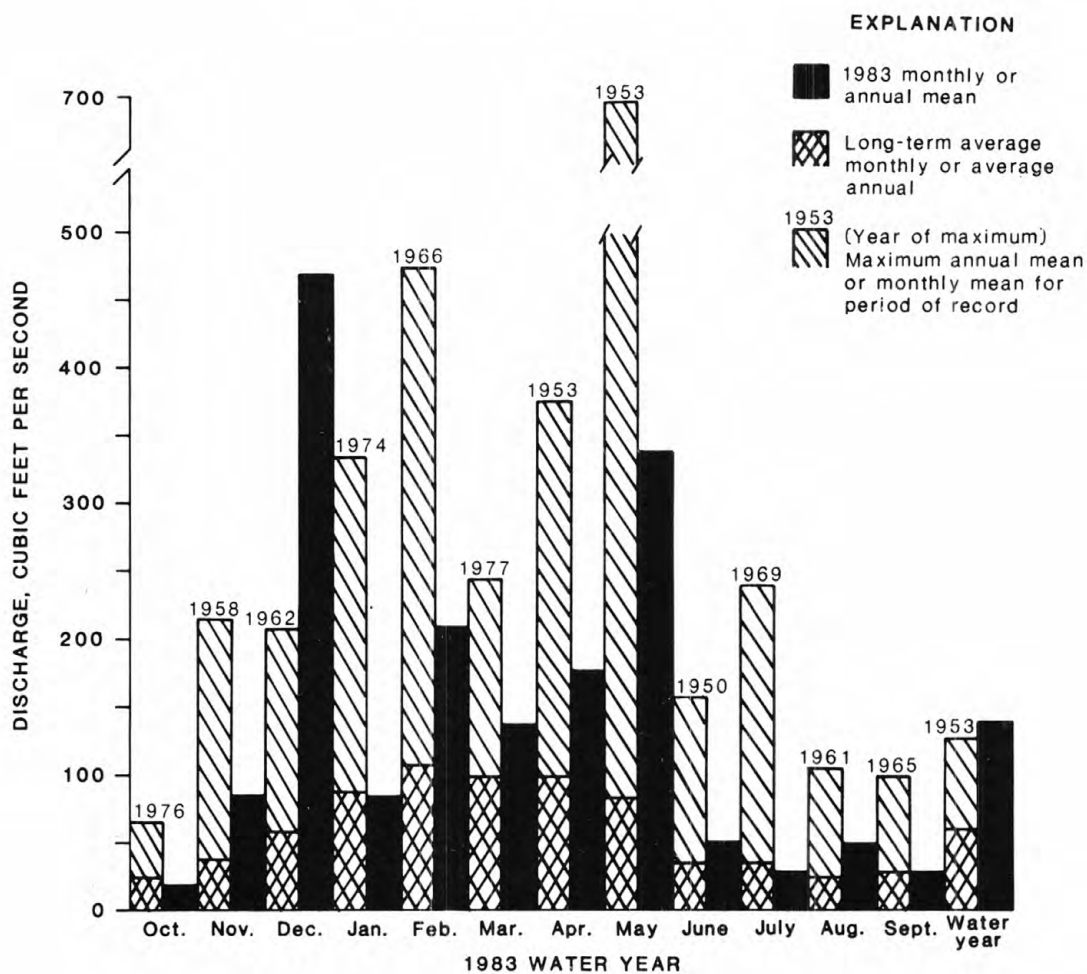


Figure 5.--Big Creek at Pollock, La.

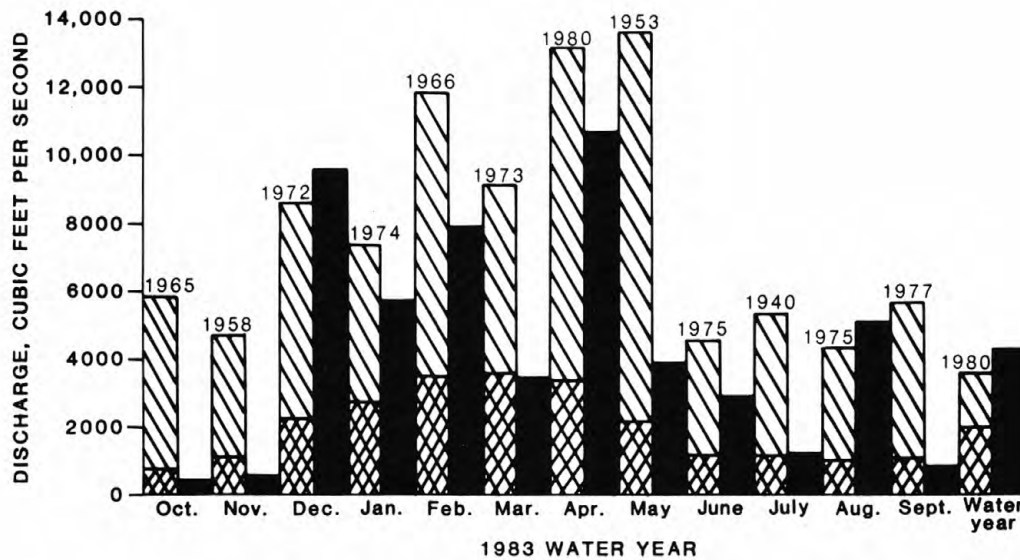


Figure 6.--Amite River near Denham Springs, La.

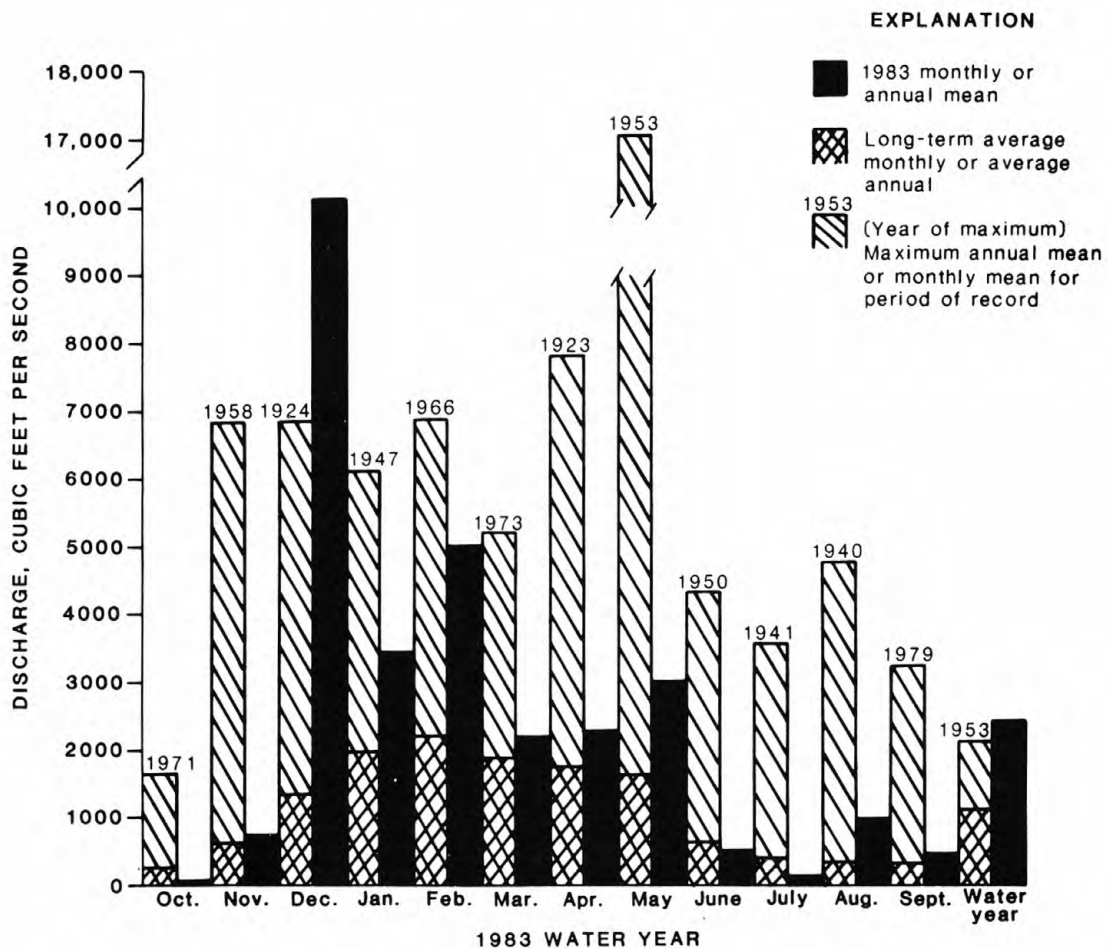


Figure 7.--Calcasieu River near Oberlin, La.

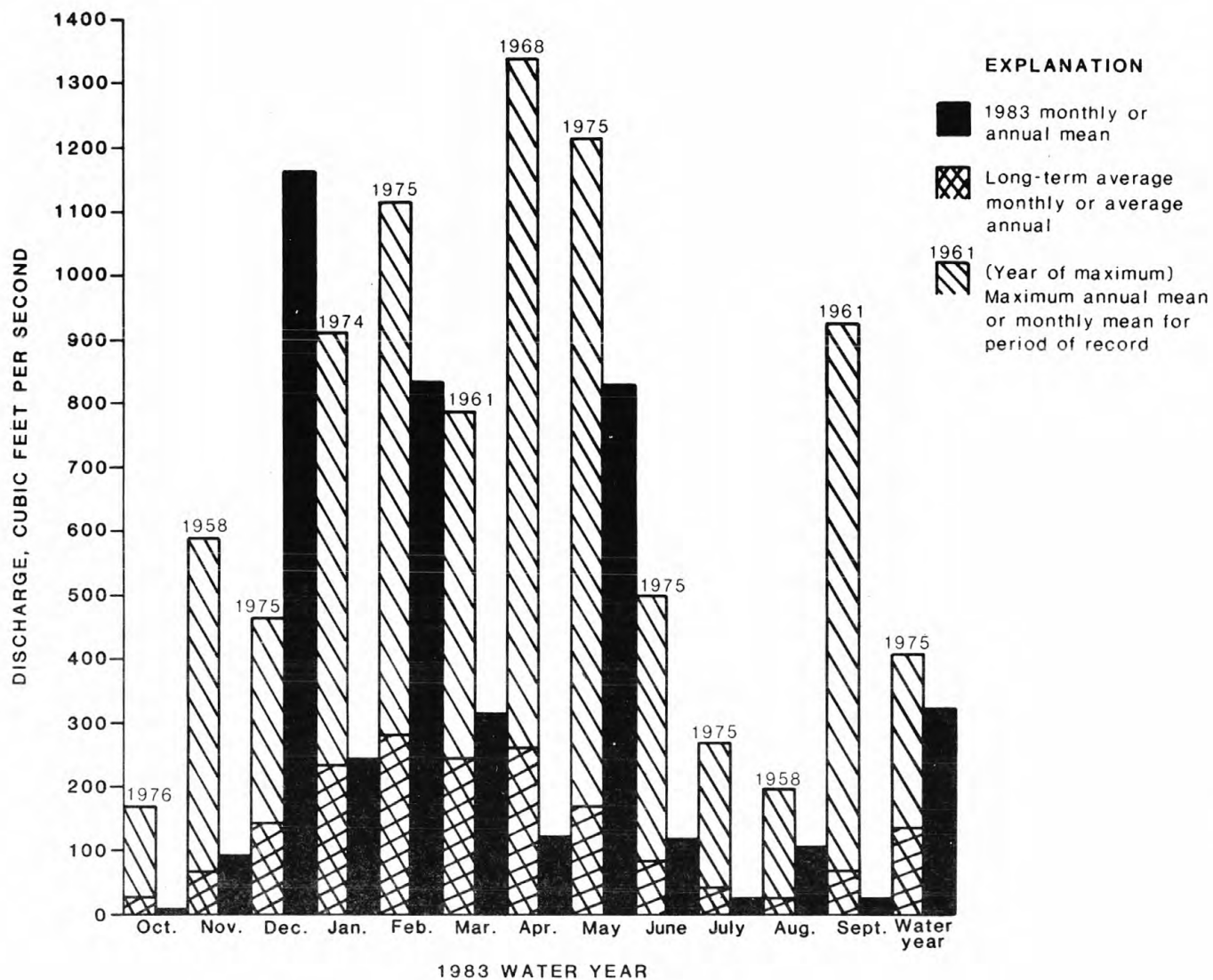


Figure 8.--Bayou Toro near Toro, La.



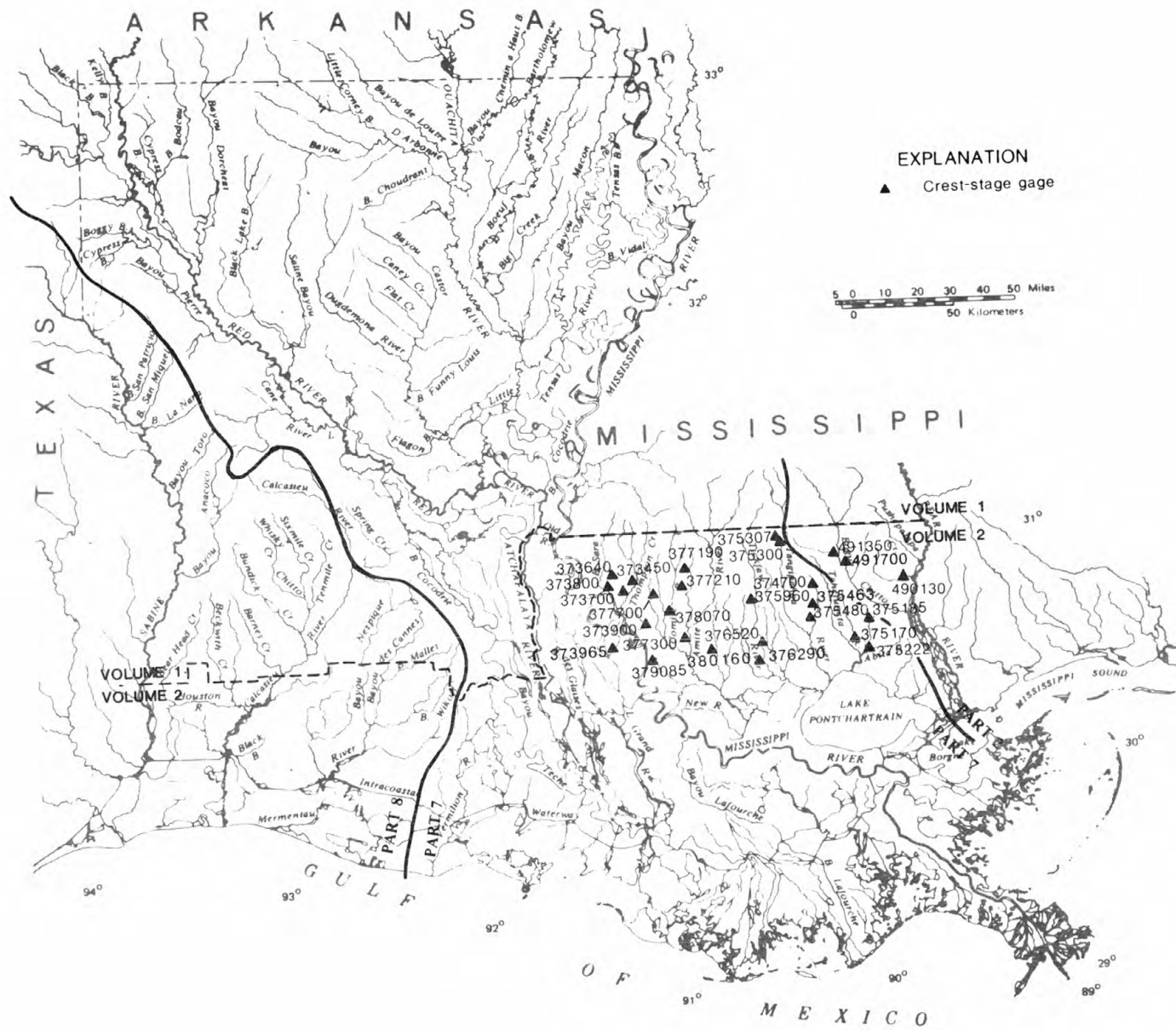
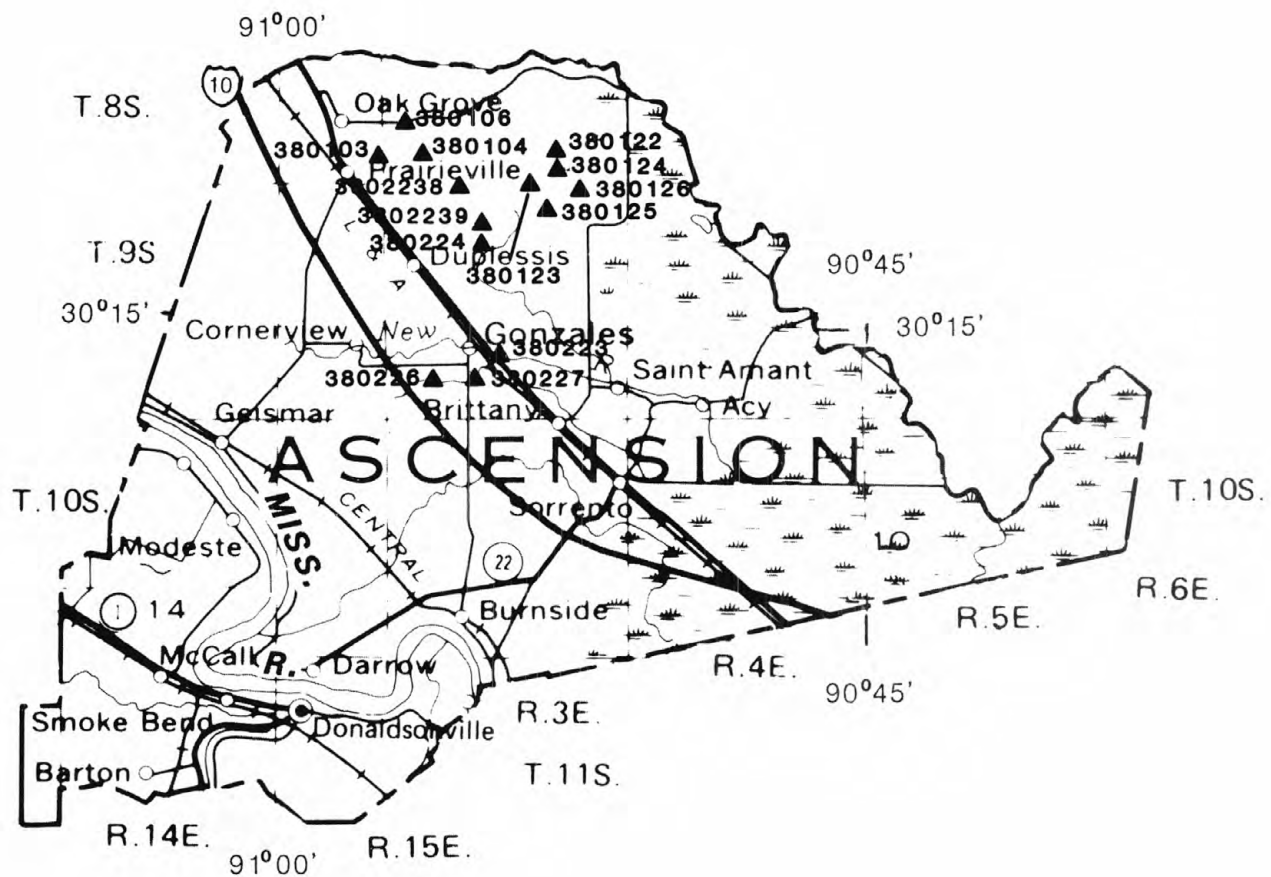


Figure 10.--Location of crest-stage stations.

Figure 11.--Location of flood-profile stations.





Base by U.S. Geological Survey, 1968

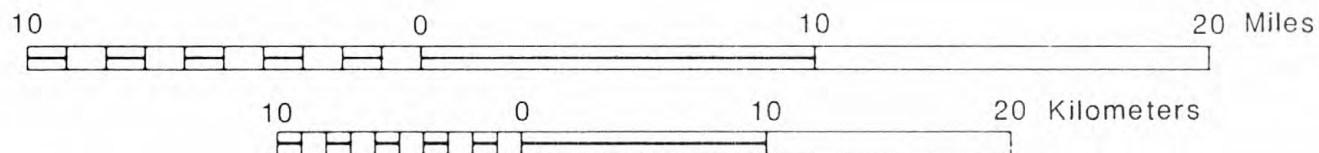


Figure 12.--Location of flood-profile stations, Ascension Parish.

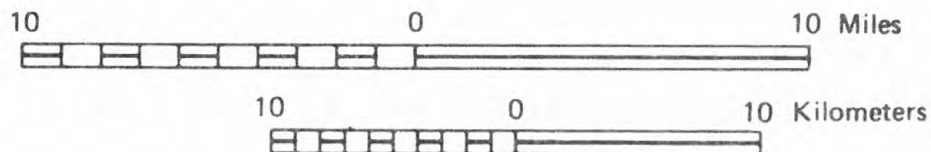
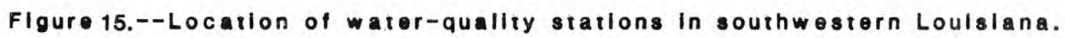


Figure 13.--Location of flood-profile stations, East Baton Rouge Parish.





HYDROLOGIC-DATA STATION RECORDS

29

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA
(National stream-quality accounting network station)

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

DRAINAGE AREA.--6,573 mi².

WATER-DISCHARGE RECORDS

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

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

GAGE.--Water-stage recorder. Datum of gage is 55.00 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to July 29, 1954, nonrecording gage at same site and datum.

REMARKS.--Water-discharge records good. Records of dissolved oxygen and water temperature for the 1983 water year are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--45 years, 9,887 ft³/s, 20.43 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 129,000 ft³/s Apr. 24, 1979, gage height, 23.23 ft; minimum, 1,020 ft³/s Oct. 29 to Nov. 1, 1963; minimum gage height, 4.84 ft Oct. 30, 31, 1963.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 114,000 ft³/s Apr. 8, gage height, 22.78 ft; minimum discharge, 1,630 ft³/s Oct. 6, 7, gage height, 6.68 ft, from graph based on gage readings.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1470	1860	10700	43300	38500	27200	29100	33200	61100	24800	3920	3330
2	1480	1780	13100	45500	43400	22000	27100	29600	59100	23500	3910	3150
3	1670	1830	13600	46700	45800	19800	25300	27400	55000	19700	3960	3030
4	1650	2000	23300	47400	47900	18600	24500	26300	50300	16200	4000	2980
5	1640	1980	37500	47600	47600	17500	24700	25700	46500	13100	4040	2980
6	1640	1840	39500	47200	48100	21200	31400	24600	42800	11000	4440	3370
7	1670	1820	40900	46300	47800	29500	63300	21900	38800	13300	5180	4150
8	2050	1830	42600	45800	47000	32300	109000	18300	32900	10700	5430	4000
9	2310	1810	44300	45100	46000	34300	95700	14400	20600	9180	5370	3580
10	2230	1760	45500	44400	45800	35500	85700	11000	14500	7930	5040	3260
11	2660	1690	46700	42900	45800	36800	76800	9110	11800	7330	4840	3180
12	3650	1850	48100	41000	46000	37700	72400	7840	10100	7020	4680	3260
13	3710	1840	49400	38500	46000	38500	69400	6970	8590	6560	4430	3240
14	3870	1770	49600	35600	46300	39500	71900	6340	7470	6030	3950	3110
15	3790	1740	49900	31100	46700	40100	68200	5920	6930	5600	3560	3000
16	3640	1740	49600	24800	46900	40500	61100	5970	6680	5250	3360	2900
17	3740	1800	49600	18800	47800	41000	55600	6850	6570	5040	3330	2870
18	3410	2000	49400	15400	48500	41800	53400	7570	7330	5280	3390	2830
19	3070	2330	48800	14300	48500	41800	51600	9430	10800	5310	3400	2810
20	2840	2630	48100	14500	48500	41700	50700	10700	14500	5140	3290	2860
21	2590	3360	46900	18800	48100	41000	49900	12400	14900	5200	3240	3300
22	2400	4520	46000	24500	47900	38800	49400	19400	13000	5380	3130	4050
23	2190	4650	44400	28100	47400	33600	49200	28600	12700	5040	3110	3780
24	2020	4300	42500	30900	46700	22000	47900	33600	13100	4590	3180	3260
25	1870	3710	40400	32900	45300	18800	46200	37200	14000	4350	3220	3050
26	1800	3370	38000	33700	43400	22000	44300	38800	15000	4200	3130	2920
27	1750	4050	35900	34000	40900	29800	42300	40500	16600	4350	3060	2890
28	1720	5060	34800	34000	35200	32900	40500	45800	18900	4510	3040	2910
29	1680	5510	35500	34300	---	33600	38700	51800	22100	4440	3060	2910
30	1800	7310	37500	34700	---	33200	36200	56800	23600	4250	3340	2880
31	1910	---	40400	35500	---	31100	---	60400	---	4050	3440	---
TOTAL	74320	83740	1242500	1078600	1283800	994900	1591500	734400	676270	258330	118470	95840
MEAN	2397	2791	40080	34790	45850	32090	53050	23690	22540	8333	3822	3195
MAX	3870	7310	49900	47600	48500	41800	109000	60400	61100	24800	5430	4150
MIN	1640	1690	10700	14300	35200	17600	24500	5920	6570	4050	3040	2810
CFSM	.37	.43	6.10	5.29	6.98	4.88	8.07	3.60	3.43	1.27	.58	.49
IN.	.42	.47	7.03	6.10	7.27	5.63	9.01	4.16	3.83	1.46	.67	.54

CAL YR 1982 TOTAL 3599460 MEAN 9863 MAX 49900 MIN 1640 CFSM 1.50 IN 20.37
WTR YR 1983 TOTAL 8232670 MEAN 22560 MAX 109000 MIN 1640 CFSM 3.43 IN 46.59

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.74	7.05	15.18	20.02	19.72	18.85	19.02	19.34	20.95	18.63	9.92	9.27
2	6.75	6.92	16.30	20.15	20.03	18.35	18.94	19.06	20.86	18.50	9.91	9.00
3	6.74	7.00	16.48	20.22	20.17	18.11	18.68	18.87	20.66	18.09	9.96	8.83
4	6.70	7.27	18.33	20.26	20.29	17.92	18.60	18.77	20.42	17.32	10.00	8.76
5	6.69	7.23	19.65	20.27	20.27	17.70	18.62	18.72	20.21	16.27	10.04	8.76
6	6.68	7.01	19.78	20.25	20.30	18.26	19.20	18.61	19.99	15.30	10.46	9.33
7	6.73	6.98	19.87	20.20	20.28	19.05	21.05	18.34	19.74	16.37	11.25	10.15
8	7.36	7.00	19.98	20.17	20.24	19.32	22.64	17.86	19.32	15.18	11.53	10.00
9	7.77	6.97	20.08	20.13	20.18	19.42	22.25	16.75	18.20	14.23	11.47	9.57
10	7.65	6.89	20.15	20.09	20.17	19.52	21.92	15.34	16.78	13.43	11.11	9.17
11	8.30	6.79	20.22	20.00	20.17	19.60	21.50	14.19	15.74	13.02	10.89	9.05
12	9.64	7.03	20.30	19.88	20.18	19.66	21.43	13.37	14.81	12.79	10.72	9.16
13	9.70	7.01	20.37	19.72	20.18	19.72	21.31	12.75	13.86	12.44	10.44	9.14
14	9.86	6.90	20.38	19.52	20.20	19.78	21.41	12.27	13.12	12.03	9.95	8.95
15	9.78	6.86	20.40	19.18	20.22	19.92	21.26	11.94	12.72	11.59	9.55	8.78
16	9.63	6.86	20.38	18.63	20.23	19.85	20.95	11.98	12.53	11.34	9.31	8.65
17	9.73	6.95	20.38	17.98	20.28	19.88	20.69	12.66	12.45	11.11	9.27	8.60
18	9.38	7.28	20.37	17.37	20.32	19.93	20.58	13.19	13.02	11.37	9.35	8.54
19	8.89	7.80	20.34	16.74	20.32	19.93	20.49	14.39	15.14	11.40	9.37	8.52
20	8.55	8.25	20.30	16.80	20.32	19.92	20.44	15.14	16.79	11.22	9.21	8.58
21	8.19	9.31	20.23	17.97	20.30	19.88	20.40	15.99	16.93	11.29	9.13	9.22
22	7.91	10.54	20.18	18.60	20.29	19.74	20.37	17.86	16.25	11.48	8.94	10.05
23	7.58	10.69	20.09	18.93	20.26	19.37	20.36	18.97	16.14	11.11	8.94	9.77
24	7.30	10.30	19.97	19.16	20.22	18.35	20.29	19.37	16.28	10.62	9.05	9.17
25	7.06	9.70	19.84	19.32	20.14	17.97	20.19	19.63	16.64	10.36	9.11	8.86
26	6.96	9.32	19.68	19.38	20.03	18.35	20.08	19.74	16.96	10.20	8.97	8.67
27	6.88	10.05	19.54	19.40	19.47	19.07	19.96	19.85	17.44	10.35	8.88	8.63
28	6.83	11.13	19.46	19.40	19.49	19.32	19.85	20.17	17.99	10.53	8.85	8.66
29	6.76	11.62	19.51	19.42	---	19.37	19.73	20.50	18.36	10.46	8.88	8.66
30	6.95	12.97	19.65	19.45	---	19.34	19.56	20.75	18.51	10.25	9.28	8.61
31	7.13	---	19.84	19.51	---	19.18	---	20.92	---	10.05	9.42	---
MAX	9.86	12.97	20.40	20.27	20.32	19.93	22.64	20.92	20.95	18.63	11.53	10.15
MIN	6.68	6.79	15.18	16.74	19.49	17.70	18.60	11.94	12.45	10.05	8.85	8.52

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1952-53, 1963 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1962 to September 1970, June 1975 to October 1980, April 1981 to September 1981.

pH: June 1975 to October 1980.

WATER TEMPERATURES: November 1962 to September 1970, June 1975 to October 1980, April 1981 to September 1981.

DISSOLVED OXYGEN: June 1975 to October 1980.

SUSPENDED-SEDIMENT CONCENTRATIONS: April 1967 to current year.

SUSPENDED-SEDIMENT DISCHARGE: April 1967 to current year.

SUSPENDED-SEDIMENT SIEVE DIAMETER, PERCENT FINER THAN 0.062 MM: October 1979 to current year.

INSTRUMENTATION.--Water-quality monitor June 1975 to October 1980.

REMARKS.--Suspended-sediment data, sieve diameter, percent finer than 0.062 MM are instantaneous values.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 180 micromhos Sept. 10, 1965; minimum, 17 micromhos Apr. 26, 1979.

pH: Maximum, 8.4 units Oct. 19, 21, 1976; minimum, 5.4 units Jan. 23, 24, 1977, Jan. 18-20, 1980.

WATER TEMPERATURES: Maximum daily, 35.0°C July 23, 1981; minimum daily, 1.5°C Dec. 21, 1963.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L Oct. 22, Dec. 1, 1976; minimum, 2.9 mg/L May 25, 1977.

SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 522 mg/L Dec. 17, 1967; minimum daily mean, 2 mg/L

Nov. 11-13, 1969, Oct. 15, 17, Nov. 14, 1971, Oct. 15-21, Nov. 3-5, 1972.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 80,600 tons Apr. 8, 1983; minimum daily, 7 tons

Nov. 11-13, 1969.

SUSPENDED-SEDIMENT SIEVE DIAMETER, PERCENT FINER THAN 0.062 MM: Maximum daily, 100 percent on several days during Mar., May, June, July, Aug., Sept. 1981, June, July, Aug., Sept., 1983; minimum daily, 20 percent Feb. 19, 1983.

EXTREMES FOR CURRENT YEAR.--

SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 448 mg/L Dec. 5; minimum daily mean, 24 mg/L July 19, Aug. 15.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 80,600 tons Apr. 8; minimum daily, 152 tons Nov. 7.

SUSPENDED-SEDIMENT SIEVE DIAMETER, PERCENT FINER THAN 0.062 MM: Maximum daily, 100 percent on several days during June, July, Aug., Sept.; minimum daily, 20 percent Feb. 19.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 15...	1100	3770	114	6.4	21.5	30	36	8.2	2.4	K40	360
JAN 21...	1115	189000	51	6.2	7.5	100	45	10.5	2.5	1000	4900
APR 05...	1115	23600	45	6.1	20.0	50	45	9.1	1.4	92	660
JUL 19...	1100	5330	65	6.2	28.5	20	15	7.0	2.1	K68	380

DATE	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINEITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 15...	25	7.8	1.3	12	2.8	30	13	6.7	.1	7.7
JAN 21...	12	2.9	1.1	4.8	1.6	9	12	5.5	<.1	9.3
APR 05...	11	2.8	.9	3.8	1.3	9	6.0	4.6	<.1	6.7
JUL 19...	15	4.1	1.1	6.0	1.6	14	9.9	6.0	<.1	8.1

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

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

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTIT- UENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)
OCT 15...	--	64	.44	.08	.8	.17	.05	.05	50	1
JAN 21...	--	43	.24	.19	.5	.09	.02	.02	100	1
APR 05...	40	32	.14	.04	.4	.10	.02	<.01	80	1
JUL 19...	48	45	<.10	.03	.5	.08	.03	<.01	20	1

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LITHIUM DIS- SOLVED (UG/L AS LI)
OCT 15...	33	<1	2	<1	<3	--	56	--	<4
JAN 21...	23	<1	15	--	<3	11	350	11	<4
APR 05...	26	<1	<1	<1	<3	14	270	1	<4
JUL 19...	28	<1	<1	<1	<3	5	210	9	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 15...	4	<.1	10	--	<1	<1	45	<6	10
JAN 21...	59	<.1	<10	3	<1	<1	27	<6	21
APR 05...	9	<.1	<10	3	<1	<1	22	<6	10
JUL 19...	4	<.1	<10	3	<1	<1	38	<6	14

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

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MEAN CONCEN- TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN- TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN- TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN- TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN- TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN- TRATION (MG/L)	LOADS (T/DAY)
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	55	248	48	241	288	8320	191	22300	212	22000	155	11400
2	51	231	42	202	349	12400	198	24300	265	31100	134	7960
3	55	248	40	198	202	7420	209	26400	276	34100	110	5880
4	54	241	40	216	264	16600	214	27400	268	34700	92	4620
5	59	261	39	208	448	45500	221	28400	264	33900	83	3940
6	57	252	32	159	416	44400	232	29600	261	33900	172	9850
7	57	257	31	152	364	40200	234	29300	257	33200	250	19900
8	64	354	48	237	323	37200	195	24100	244	31000	210	18700
9	66	412	59	288	285	34100	169	20600	221	27400	182	16900
10	58	349	60	285	280	34400	172	20600	215	26600	167	16100
11	95	682	50	228	277	34900	210	24300	222	27500	156	15500
12	127	1250	41	205	271	35200	216	23900	233	28900	146	14900
13	93	932	43	214	293	39100	185	19200	240	29800	134	13900
14	89	930	36	172	268	35900	206	19800	228	28500	131	14000
15	97	993	38	179	245	33000	224	18800	225	28400	130	14100
16	84	826	39	183	237	31700	224	15000	230	29100	126	13800
17	82	828	43	209	235	31500	209	10600	207	26700	132	14600
18	76	700	38	205	198	26400	172	7620	218	28500	135	15200
19	68	564	42	264	209	27500	128	4940	230	30100	136	15300
20	61	468	44	312	192	24900	204	8150	215	28200	131	14700
21	65	455	67	608	162	20500	282	14300	189	24500	118	13100
22	69	447	80	976	168	20900	323	21400	173	22400	108	11300
23	62	367	66	829	191	22900	363	27500	162	20700	142	12900
24	59	322	59	685	178	20400	344	28700	162	20400	196	11600
25	58	293	56	561	188	20500	301	26700	161	19700	181	9190
26	53	258	50	455	194	19900	256	23300	159	18600	180	10700
27	44	208	58	634	214	20700	212	19500	159	17600	245	19700
28	41	190	72	984	224	21000	189	17400	160	15200	192	17100
29	43	195	75	1120	228	21900	185	17100	---	---	171	15500
30	54	262	129	2640	226	22900	189	17700	---	---	147	13200
31	50	258	---	---	214	23300	188	18000	---	---	119	9990
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	103	8090	93	8340	132	21800	130	8700	33	349	33	297
2	108	7900	90	7190	127	20300	110	6980	34	359	30	255
3	101	6900	90	6660	91	13500	73	3880	35	374	31	254
4	102	6750	81	5750	81	11000	66	2890	41	443	32	257
5	128	8540	90	6250	77	9670	60	2120	34	371	32	257
6	156	13200	92	6110	76	8780	52	1540	36	432	45	409
7	229	39100	83	4910	93	9740	51	1830	45	629	42	471
8	274	80600	80	3950	96	8530	63	1820	45	660	40	432
9	282	72900	90	3500	104	5780	46	1140	58	841	34	329
10	278	64300	100	2970	85	3330	33	707	47	640	36	317
11	255	52900	105	2580	74	2360	36	712	44	575	31	266
12	182	35600	84	1780	57	1550	30	569	40	505	30	264
13	159	29800	70	1320	46	1070	32	567	37	443	34	297
14	137	26600	55	941	44	887	38	619	31	331	32	269
15	136	25000	47	751	42	786	37	559	24	231	36	292
16	119	19600	43	693	37	667	30	425	29	263	38	298
17	112	16800	55	1020	30	532	25	340	33	297	36	279
18	121	17400	58	1190	36	712	27	385	37	339	34	260
19	114	15900	83	2110	92	2680	24	344	36	330	35	266
20	111	15200	80	2310	143	5600	28	389	30	266	36	278
21	97	13100	172	5960	104	4180	26	365	36	315	60	535
22	110	14700	286	14800	72	2530	25	363	31	262	68	744
23	106	14100	315	24300	63	2160	33	449	32	269	62	633
24	115	14900	217	19700	66	2330	31	384	31	266	53	467
25	105	13100	162	16300	83	3140	34	399	34	296	52	428
26	96	11500	139	14600	81	3280	44	499	36	304	47	371
27	91	10400	118	12900	113	5060	46	540	34	281	47	367
28	86	9400	147	18200	172	8780	41	499	30	246	46	361
29	94	9820	173	24200	164	9790	36	432	37	306	43	338
30	96	9380	147	22500	132	8410	41	470	40	361	46	358
31	---	---	134	21900	---	---	39	426	36	334	---	---

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

SEDIMENT, SUSPENDED, SIEVE DIAMETER, PERCENT FINER THAN 0.062 MM, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

ONCE DAILY												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	86	76	50	44	68	62	62	35	79	86	98
2	88	96	---	36	36	69	67	66	26	78	86	100
3	83	95	80	35	33	72	68	68	36	90	92	90
4	88	98	73	26	32	70	70	72	35	90	95	98
5	87	96	---	25	31	78	67	60	42	96	84	100
6	88	94	66	32	24	77	66	59	50	100	86	95
7	86	96	52	22	22	75	52	73	60	99	90	98
8	92	85	48	30	22	68	44	82	79	100	91	81
9	96	86	46	36	26	72	44	90	93	100	92	87
10	95	89	47	38	26	59	41	88	98	100	95	93
11	91	88	38	34	34	47	36	88	93	96	100	87
12	93	91	43	36	25	49	42	94	98	95	100	91
13	96	88	32	54	26	47	34	93	99	87	100	90
14	95	86	30	44	28	44	39	90	100	92	98	94
15	96	86	43	54	26	44	38	94	94	94	100	92
16	96	83	34	59	22	42	39	95	84	92	96	92
17	95	82	29	66	30	37	38	96	80	92	91	92
18	92	87	32	72	25	31	34	92	86	96	92	90
19	95	86	30	75	20	36	38	91	92	96	88	86
20	98	88	32	---	24	30	37	89	87	100	88	86
21	93	90	28	64	38	35	44	---	84	100	88	89
22	89	92	37	55	26	49	34	---	82	98	91	90
23	84	98	34	62	26	48	30	82	84	98	97	92
24	82	96	47	56	28	86	37	68	84	96	98	90
25	83	98	44	43	40	82	36	61	92	86	100	88
26	84	96	46	45	54	74	42	56	92	90	100	87
27	84	99	61	46	50	70	41	52	88	93	91	86
28	81	94	62	35	66	70	45	38	85	89	84	86
29	80	96	64	46	---	56	44	29	85	92	91	84
30	86	---	60	44	---	58	55	35	80	84	97	84
31	83	---	51	39	---	62	---	30	---	87	96	---

02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA

LOCATION.--Lat 30°46'56", long 89°52'24", in SE1/4SE1/4 sec. 15, T. 3 S., R.13 E., St. Helena meridian, Washington Parish, Hydrologic Unit 03180004, near center of span on downstream side of bridge on State Highway 439, at Bogalusa, 0.3 mi upstream from Ice Water Branch, 0.9 mi downstream from Adams Creek, and 4.0 mi upstream from mouth.

DRAINAGE AREA.--72.7 mi².

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

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

GAGE.--Water-stage recorder and concrete control. Datum of gage is 76.60 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--20 years, 118 ft³/s, 22.05 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,350 ft³/s Apr. 7, 1983, gage height, 13.80 ft, from floodmark, from rating curve extended above 6,700 ft³/s on basis of contracted-opening measurement at gage height 13.80 ft; minimum, 5.0 ft³/s Oct. 27, 28, 1967, gage height, 3.54 ft, affected by temporary regulation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 14, 1961, reached a stage of about 13 ft, from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 4	1430	2300	7.86	May 22	1845	1550	6.54
Apr. 11	0415	*9350	a*13.80				

a From floodmark.

Minimum discharge, 25 ft³/s Oct. 1-2, gage height, 3.74 ft.

DISCHARGE, IN CURIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	64	59	259	787	207	146	106	68	95	47	61
2	25	43	64	307	1020	135	140	97	64	74	96	45
3	27	50	56	237	530	107	140	94	63	65	159	40
4	28	72	1810	148	245	97	120	97	83	61	107	38
5	28	55	1780	114	205	168	104	94	148	57	67	47
6	29	42	509	98	507	335	1820	86	185	53	56	114
7	33	36	206	89	346	267	7320	81	177	50	67	251
8	72	34	139	82	212	200	2790	80	113	47	63	202
9	64	33	109	80	170	150	803	78	84	46	109	106
10	41	32	93	81	663	130	400	75	70	45	87	68
11	33	31	115	78	510	118	291	75	65	43	60	83
12	31	32	190	69	308	107	231	76	62	42	58	134
13	30	35	123	64	213	101	199	72	60	41	62	99
14	31	35	91	61	172	96	936	71	58	39	68	71
15	30	34	159	60	148	91	891	70	63	37	55	56
16	28	33	219	58	138	89	401	100	63	37	51	48
17	27	35	135	58	176	87	284	104	75	39	55	44
18	27	56	99	58	149	86	222	74	104	95	60	43
19	27	69	88	57	117	85	191	71	97	76	54	41
20	27	76	78	372	105	84	172	76	85	66	46	44
21	27	73	70	518	104	115	158	82	97	67	42	103
22	25	54	67	266	162	182	151	968	144	53	38	98
23	25	44	65	160	155	110	268	751	104	44	38	58
24	25	39	63	124	115	152	249	254	149	40	37	46
25	25	37	66	116	101	193	177	142	142	37	37	42
26	25	36	66	121	88	190	138	105	101	35	36	39
27	25	36	70	104	88	242	125	92	136	36	36	39
28	25	73	106	92	187	300	119	86	118	170	37	38
29	25	132	103	101	---	205	115	83	131	80	36	37
30	31	70	73	171	---	168	111	77	137	55	84	36
31	66	---	66	127	---	171	---	72	---	45	100	---
TOTAL	987	1491	6937	4330	7721	4768	19212	4389	3046	1770	1948	2171
MEAN	31.8	49.7	224	140	276	154	640	142	102	57.1	62.8	72.4
MAX	72	132	1810	518	1020	335	7320	968	185	170	159	251
MIN	25	31	56	57	88	84	104	70	58	35	36	36
CFSM	.44	.68	3.08	1.93	3.80	2.12	8.80	1.95	1.40	.79	.86	1.00
IN.	.51	.76	3.55	2.22	3.95	2.44	9.83	2.25	1.56	.91	1.00	1.11
CAL YR 1982	TOTAL	35490	MEAN	97.2	MAX	1810	MIN	23	CFSM	1.34	IN	18.16
WTR YR 1983	TOTAL	58770	MEAN	161	MAX	7320	MIN	25	CFSM	2.22	IN	30.07

PEARL RIVER BASIN

02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.74	3.92	3.90	4.43	5.27	4.35	4.18	4.07	3.94	4.03	3.86	3.91
2	3.74	3.84	3.92	4.53	5.66	4.18	4.16	4.04	3.92	3.96	4.03	3.85
3	3.75	3.87	3.89	4.39	4.91	4.09	4.16	4.03	3.92	3.93	4.21	3.82
4	3.76	3.95	7.05	4.18	4.42	4.07	---	4.04	3.99	3.91	4.07	3.82
5	3.75	3.89	6.97	4.09	4.33	4.25	---	4.03	4.18	3.90	3.94	3.85
6	3.76	3.83	4.86	4.04	4.88	4.61	6.48	4.00	4.27	3.88	3.89	4.07
7	3.79	3.81	4.32	4.01	4.61	---	12.57	3.98	4.25	3.87	3.94	4.42
8	3.95	3.79	4.16	3.99	4.35	---	8.35	3.98	4.09	3.86	3.92	4.31
9	3.92	3.79	4.07	3.98	4.25	---	5.33	3.97	3.99	3.85	4.07	4.06
10	3.83	3.79	4.02	3.99	5.12	---	4.70	3.96	3.95	3.85	4.00	3.94
11	3.79	3.78	4.09	3.97	4.88	---	4.50	3.96	3.93	3.84	3.91	3.99
12	3.78	3.79	4.28	3.94	4.54	---	4.38	3.97	3.92	3.83	3.90	4.15
13	3.77	3.80	4.11	3.92	4.35	---	4.31	3.95	3.91	3.83	3.92	4.04
14	3.78	3.80	4.02	3.91	4.26	---	5.52	3.95	3.90	3.82	3.94	3.95
15	3.78	3.80	4.20	3.91	4.20	---	5.46	3.95	3.92	3.81	3.89	3.89
16	3.77	3.79	4.35	3.90	4.17	---	4.70	4.05	3.92	3.81	3.87	3.86
17	3.76	3.80	4.15	3.90	4.27	---	4.49	4.06	3.96	3.82	3.89	3.84
18	3.76	3.89	4.04	3.90	4.20	---	4.36	3.96	4.06	4.02	3.91	3.84
19	3.76	3.94	4.01	3.90	4.12	---	4.29	3.95	4.04	3.97	3.88	3.83
20	3.76	3.97	3.98	4.59	4.08	---	4.24	3.97	4.00	3.93	3.85	3.84
21	3.76	3.96	3.94	4.89	4.08	---	4.21	3.99	4.04	3.93	3.83	4.05
22	3.75	3.89	3.93	4.44	4.24	---	4.19	5.55	4.17	3.88	3.82	4.04
23	3.75	3.84	3.93	4.21	4.22	---	4.45	5.25	4.06	3.84	3.82	3.90
24	3.75	3.82	3.92	4.12	4.11	---	4.41	4.42	4.18	3.83	3.81	3.85
25	3.75	3.81	3.93	4.09	4.07	---	4.25	4.16	4.16	3.80	3.81	3.83
26	3.75	3.80	3.93	4.11	4.04	---	4.16	4.06	4.05	3.80	3.81	3.82
27	3.75	3.80	3.95	4.06	4.04	---	4.12	4.02	4.15	3.80	3.80	3.82
28	3.75	3.94	4.06	4.02	4.30	---	4.10	4.00	4.10	4.21	3.81	3.81
29	3.75	4.14	4.05	4.05	---	4.32	4.09	3.99	4.14	3.98	3.81	3.81
30	3.78	3.95	3.96	4.24	---	4.23	4.08	3.97	4.15	3.89	3.98	3.80
31	3.93	---	3.93	4.12	---	4.24	---	3.95	---	3.85	4.04	---
MAX	3.95	4.14	7.05	4.89	5.66	4.61	12.57	5.55	4.27	4.21	4.21	4.42
MIN	3.74	3.78	3.89	3.90	4.04	---	4.08	3.95	3.90	3.80	3.80	3.80

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA

LOCATION.--Lat 30°42'20", long 89°50'51", in lot 40, T.4 S., R.13 E., Washington Parish, Hydrologic Unit 03180004, on right bank, 200 yards upstream from Pools Bluff (low water) sill, and 5.3 mi south of Bogalusa.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1971, 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1975 to current year.

pH: June 1975 to current year.

WATER TEMPERATURES: June 1975 to current year.

DISSOLVED OXYGEN: June 1975 to current year.

INSTRUMENTATION.--Water-quality monitor since June 1975.

REMARKS.--Flow data available for Pearl River near Bogalusa, La., 10.3 mi upstream (station 02489500).

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 176 micromhos Sept. 23, 1981; minimum, 18 micromhos May 20, 1980.

pH: Maximum, 7.9 units May 3, 1978; minimum 4.1 units Dec. 9, 1981.

WATER TEMPERATURES: Maximum, 33.5°C July 22-24, 1981; minimum, 3.0°C Jan. 19, 20, 1977.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L Jan. 13, 1981; minimum, 3.4 mg/L Aug. 2, 1981.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 159 micromhos Oct. 7; minimum, 23 micromhos Dec. 12.

pH: Maximum, 6.9 units Oct. 1, Sept. 14-20, 22-24; minimum, 5.1 units Apr. 7, 14.

WATER TEMPERATURES: Maximum, 32.0°C Aug. 28.

DISSOLVED OXYGEN: Maximum, 10.9 mg/L Nov. 16; minimum, 5.0 mg/L Sept. 5.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	pH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 21...	1230	99	6.6	22.0	30	10	8.8	3.1	K28
JAN 13...	1300	40	6.3	10.0	--	--	9.3	.9	K32
APR 05...	1300	47	6.0	16.5	50	30	8.5	1.2	K68
JUL 18...	1230	79	6.0	28.5	30	15	6.4	2.1	390

DATE	STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CaCO3)	CALCIUM, DISSOLVED (MG/L AS Ca)	MAGNESIUM, DISSOLVED (MG/L AS Mg)	SODIUM, DISSOLVED (MG/L AS Na)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY, FIELD (MG/L AS CaCO3)	SULFATE, DISSOLVED (MG/L AS SO4)
OCT 21...	560	18	5.1	1.2	11	1.9	21	13
JAN 13...	440	12	3.3	1.0	3.5	2.2	10	10
APR 05...	330	11	2.9	.8	4.3	1.2	7	6.6
JUL 18...	2000	18	5.1	1.3	8.5	1.6	17	10

DATE	CHLORIDE, DISSOLVED (MG/L AS Cl)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 21...	6.0	<.1	7.8	84	59	<.1	.7	.15
JAN 13...	4.3	<.1	7.3	37	37	.2	.4	.16
APR 05...	4.5	<.1	6.3	43	31	.2	.3	.09
JUL 18...	5.6	<.1	8.7	61	51	<.1	.6	.09

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

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

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CHRO- MIUM, HEXA- VALENT, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 21...	2	3	<1	<1	3	<1	5	3	81	4800	5
DATE	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PR)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT 21...	10	25	1300	<.1	<.01	<4	21	7.3	<.01	<1	<.1
DATE	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ALDRIN, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	CHLOR- DANE, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DDD, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DDE, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)
OCT 21...	<1	<.1	<1	<.01	<.1	<.1	1.0	<.01	.4	<.01	.4
DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DI- AZINON, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DI- ELDRIN, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ENDO- SULFAN, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ENDRIN, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	
OCT 21...	<.01	.1	.02	<.1	<.01	.3	<.01	<.1	<.01	<.1	
DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, EPOXIDE TOTAL IN BOT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, EPOXIDE RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L)	LINDANE RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	MALA- THION, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	
OCT 21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	METHYL PARA- THION, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	METHYL TRI- THION, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	MIREX, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	PARA- THION, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	
OCT 21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	PER- THANE IN BOTTOM MATERIAL (UG/L)	PER- THANE IN BOTTOM MATERIAL (UG/KG)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	TOX- APHENE, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	TOXA- PHENE, RECOV. FM BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2,4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	
OCT 21...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01	

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

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	131	107	123	117	77	65	42	39	67	57	44	37
2	119	114	135	122	70	65	41	38	58	54	46	41
3	130	118	140	128	94	70	40	34	54	48	48	44
4	141	130	129	113	---	---	36	31	46	43	51	46
5	147	141	113	105	43	40	45	37	41	39	58	52
6	155	146	110	103	57	36	---	---	40	37	64	58
7	159	146	108	97	48	30	---	---	---	---	58	52
8	147	135	97	87	---	---	---	---	---	---	52	49
9	135	123	109	93	---	---	---	---	---	---	59	48
10	133	125	122	107	---	---	---	---	---	---	64	58
11	138	132	125	115	---	---	---	---	36	34	62	41
12	142	132	132	120	29	23	---	---	36	34	40	36
13	154	133	129	110	---	---	---	---	37	35	38	35
14	131	106	106	98	---	---	55	48	37	34	41	35
15	128	119	99	92	---	---	58	55	39	35	42	38
16	124	112	100	90	---	---	56	54	39	36	41	39
17	116	104	99	94	---	---	56	52	41	37	41	38
18	106	98	102	97	---	---	57	54	40	37	44	37
19	104	98	99	73	---	---	57	51	39	36	47	42
20	111	102	90	87	---	---	51	48	39	36	51	47
21	118	109	88	83	---	---	50	46	37	35	51	47
22	121	116	84	79	---	---	45	43	35	33	50	46
23	120	112	95	81	---	---	44	41	34	32	52	49
24	119	112	96	90	---	---	43	39	35	31	53	49
25	---	---	91	76	---	---	44	39	35	31	53	50
26	---	---	78	74	---	---	52	45	34	32	53	45
27	---	---	90	76	---	---	53	51	35	33	49	42
28	111	104	105	91	---	---	54	51	36	34	48	43
29	122	105	101	87	---	---	58	52	---	---	48	45
30	120	107	88	73	---	---	60	55	---	---	48	45
31	124	120	---	---	45	40	67	59	---	---	50	45
MONTH	159	98	140	73	---	---	---	---	67	31	64	35
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	54	48	45	43	40	38	45	37	109	102	106	100
2	53	50	45	43	39	37	42	37	103	99	105	101
3	54	49	45	42	39	37	43	37	98	96	111	104
4	54	50	44	41	40	38	46	39	102	96	114	110
5	56	53	45	41	43	40	54	46	103	98	116	112
6	59	39	46	43	45	42	60	54	102	97	114	84
7	43	33	47	44	48	44	65	58	97	92	85	78
8	39	35	49	46	50	47	61	57	95	92	87	81
9	35	33	52	48	50	47	63	56	93	81	97	87
10	35	31	56	51	54	50	66	62	83	78	108	98
11	37	32	60	56	59	54	68	63	80	74	114	107
12	37	34	63	59	60	57	73	68	75	71	116	108
13	42	38	63	61	58	56	76	70	73	69	109	106
14	47	41	65	61	56	51	81	74	79	70	110	107
15	44	40	68	64	54	51	83	80	89	79	109	102
16	42	38	71	68	56	53	81	78	96	89	103	97
17	43	38	69	64	57	52	80	77	95	90	111	100
18	45	42	66	63	55	52	80	75	93	88	121	109
19	44	40	64	60	59	55	77	72	95	88	122	118
20	42	39	68	61	55	49	79	71	100	92	123	113
21	43	37	72	66	50	40	80	76	107	98	117	103
22	44	41	69	37	45	41	90	80	112	106	102	92
23	45	41	49	41	44	41	91	86	115	110	98	76
24	44	41	41	39	45	41	88	84	114	107	92	88
25	42	39	---	---	---	---	93	85	107	103	92	88
26	42	38	---	---	---	---	98	92	112	102	98	88
27	42	38	---	---	---	---	96	86	115	110	104	96
28	42	39	---	---	---	---	100	88	115	111	104	100
29	43	40	---	---	---	---	105	99	114	106	106	100
30	44	42	44	41	---	---	111	103	115	105	108	102
31	---	---	43	40	---	---	111	109	105	102	---	---
MONTH	59	31	72	37	---	---	111	37	115	69	123	76

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

PH (STANDARD UNITS), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH		
1	6.9	6.5	6.3	6.2	6.2	5.9	5.4	5.3	6.1	5.7	6.0	5.9
2	6.6	6.5	6.2	6.2	5.9	5.8	5.4	5.3	5.9	5.8	6.0	5.9
3	6.6	6.5	6.3	6.2	---	---	5.5	5.4	5.9	5.8	5.9	5.9
4	6.6	6.5	6.4	6.3	---	---	5.7	5.4	5.8	5.8	6.1	5.9
5	6.5	6.5	6.4	6.4	---	---	6.1	5.7	5.8	5.7	6.1	6.0
6	6.5	6.4	6.4	6.4	---	---	---	---	5.8	5.7	6.1	6.0
7	6.4	6.4	6.4	6.4	---	---	---	---	5.8	5.8	6.0	5.8
8	6.5	6.4	6.4	6.4	---	---	---	---	5.8	5.8	5.8	5.7
9	6.4	6.3	6.5	6.4	---	---	---	---	5.8	5.8	6.0	5.7
10	6.3	6.2	6.7	6.5	---	---	---	---	5.8	5.6	6.2	6.0
11	6.4	6.2	6.7	6.6	---	---	---	---	5.7	5.6	6.3	5.8
12	6.5	6.3	6.6	6.5	5.6	5.6	---	---	5.7	5.7	5.9	5.9
13	6.6	6.5	6.6	6.5	5.7	5.6	6.1	5.9	5.7	5.6	5.9	5.9
14	6.7	6.5	6.7	6.5	5.9	5.6	6.0	6.0	5.7	5.6	5.9	5.9
15	6.6	6.4	6.7	6.6	---	---	6.0	6.0	5.7	5.6	6.0	5.9
16	6.5	6.4	6.8	6.6	---	---	---	---	5.6	5.6	6.2	6.0
17	6.5	6.4	6.6	6.5	---	---	---	---	5.6	5.5	6.1	6.1
18	6.5	6.5	6.5	6.4	---	---	---	---	---	---	6.2	6.1
19	6.5	6.4	6.4	6.3	---	---	6.3	6.2	6.0	5.9	6.1	6.1
20	6.6	6.4	6.3	6.2	---	---	6.3	6.2	5.9	5.9	6.1	6.0
21	6.7	6.5	6.2	6.2	---	---	6.3	6.0	5.9	5.9	6.2	6.1
22	6.7	6.5	6.2	6.2	---	---	6.3	6.2	5.9	5.9	6.2	6.1
23	6.7	6.5	6.3	6.2	---	---	6.3	6.2	5.9	5.9	6.1	6.1
24	6.5	6.4	6.3	6.3	---	---	6.2	6.2	5.9	5.9	6.1	5.9
25	6.5	6.4	6.3	6.2	---	---	6.2	6.2	6.0	5.9	6.0	5.9
26	6.5	6.4	6.2	6.2	---	---	6.2	6.2	6.0	6.0	6.1	5.5
27	6.5	6.4	6.2	6.2	---	---	6.2	6.1	6.1	6.0	5.9	5.5
28	6.4	6.3	6.3	6.2	---	---	6.2	6.2	6.0	6.0	5.9	5.9
29	6.4	6.3	6.3	6.3	---	---	6.2	6.2	---	---	6.0	5.9
30	6.3	6.3	6.3	6.2	---	---	6.2	6.1	---	---	5.9	5.9
31	6.3	6.2	---	---	5.4	5.4	6.1	6.1	---	---	5.9	5.6
MONTH	6.4	6.2	6.8	6.2	---	---	---	---	6.1	5.5	6.3	5.5
APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		
1	5.8	5.7	5.7	5.7	5.5	5.4	5.7	5.6	6.3	6.3	6.4	6.4
2	6.0	5.9	5.7	5.7	5.5	5.4	5.7	5.6	6.3	6.3	6.8	6.4
3	6.0	5.7	5.7	5.7	5.5	5.4	5.7	5.7	6.3	6.3	6.8	6.6
4	5.8	5.8	5.7	5.7	5.5	5.5	5.7	5.7	6.4	6.3	6.8	6.7
5	6.1	5.9	5.8	5.7	5.5	5.4	5.7	5.7	6.4	6.3	6.7	6.7
6	6.0	5.3	5.8	5.7	5.6	5.5	5.8	5.7	6.4	6.3	6.7	6.4
7	5.6	5.1	5.8	5.7	5.6	5.6	6.0	5.8	6.4	6.2	6.5	6.4
8	5.5	5.4	5.7	5.7	5.7	5.6	6.0	5.8	6.3	6.2	6.6	6.4
9	5.4	5.3	5.7	5.7	5.7	5.6	5.8	5.8	6.2	6.0	6.7	6.5
10	5.3	5.3	5.7	5.7	5.6	5.5	5.9	5.8	6.0	5.9	6.7	6.6
11	5.3	5.3	5.7	5.7	5.7	5.6	6.0	5.9	6.0	5.9	6.7	6.6
12	5.3	5.3	5.8	5.7	5.7	5.7	6.1	6.0	6.2	5.9	6.7	6.7
13	5.4	5.3	5.8	5.8	5.8	5.7	6.1	6.0	6.1	6.1	6.8	6.7
14	5.5	5.1	6.0	5.8	5.9	5.8	6.1	6.0	6.2	6.1	6.9	6.7
15	5.5	5.4	6.0	5.9	5.9	5.8	6.2	6.1	6.3	6.2	6.9	6.7
16	5.5	5.4	6.1	6.0	5.9	5.8	6.2	6.1	6.3	6.2	6.9	6.7
17	5.5	5.5	6.1	6.0	6.0	5.8	6.1	6.1	6.3	6.3	6.9	6.7
18	5.5	5.5	6.0	5.9	6.0	5.9	6.1	5.9	6.3	6.3	6.9	6.8
19	5.6	5.4	6.0	6.0	6.1	6.0	6.1	6.0	6.4	6.3	6.9	6.8
20	5.6	5.5	6.0	5.9	6.0	5.9	6.2	6.1	6.4	6.3	6.9	6.7
21	5.6	5.5	5.9	5.8	5.9	5.7	6.2	6.1	6.4	6.3	---	---
22	5.5	5.5	---	---	5.7	5.7	6.2	6.1	6.4	6.3	6.9	6.7
23	5.5	5.5	5.5	5.3	5.8	5.7	6.2	6.2	6.5	6.4	6.9	6.5
24	5.6	5.5	5.4	5.3	5.8	5.8	6.2	6.1	6.5	6.4	6.9	6.8
25	5.6	5.6	---	---	5.9	5.8	6.3	6.1	6.7	6.4	6.8	6.7
26	5.6	5.6	---	---	5.8	5.8	6.2	6.1	6.7	6.5	6.7	6.6
27	5.6	5.6	---	---	5.8	5.8	6.2	6.1	6.6	6.5	6.7	6.5
28	5.6	5.6	---	---	5.8	5.7	6.3	6.2	6.6	6.5	6.7	6.5
29	5.7	5.6	5.7	5.5	5.8	5.7	6.4	6.3	6.6	6.5	6.7	6.6
30	5.7	5.7	5.5	5.5	5.7	5.5	6.4	6.3	6.5	6.4	6.7	6.6
31	---	---	5.5	5.5	---	---	6.4	6.4	6.4	6.4	---	---
MONTH	6.1	5.1	6.1	5.3	6.1	5.4	6.4	5.6	6.7	5.9	6.9	6.4

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.0	23.5	21.5	20.5	18.5	17.5	13.5	13.0	13.5	10.5	13.0	11.0
2	25.0	24.0	22.0	21.5	19.5	18.5	13.0	12.5	12.5	11.0	14.0	12.5
3	25.5	24.0	21.5	20.0	---	---	12.5	11.5	11.0	10.0	15.5	14.0
4	26.0	24.5	20.0	17.5	22.0	20.5	12.0	11.0	10.5	9.5	16.0	15.0
5	26.5	25.0	17.5	16.0	21.0	19.5	13.5	11.5	10.0	10.0	17.0	16.0
6	26.0	25.5	16.0	15.0	---	---	---	---	10.0	9.5	18.0	16.5
7	26.0	25.5	15.5	14.0	20.0	19.0	---	---	10.0	9.0	18.5	17.0
8	26.0	25.0	16.0	14.0	---	---	---	---	9.5	8.5	18.5	17.0
9	26.5	25.5	16.0	15.0	---	---	---	---	10.5	9.0	18.5	17.0
10	27.0	26.0	16.5	15.0	---	---	---	---	11.5	10.5	17.5	14.5
11	27.0	26.0	17.5	16.0	21.0	17.0	---	---	11.0	10.5	14.5	13.5
12	26.0	24.5	18.0	17.0	16.5	14.0	---	---	10.5	10.0	14.5	13.0
13	24.5	23.0	17.0	15.5	14.0	13.0	---	---	11.0	9.5	15.0	13.0
14	23.0	22.0	15.5	14.5	---	---	11.0	10.0	11.0	9.5	16.0	14.0
15	22.0	21.5	15.0	14.0	---	---	11.0	10.0	11.5	10.0	15.5	15.0
16	21.5	21.0	14.5	13.0	---	---	10.0	9.5	11.0	10.5	15.0	15.0
17	21.0	20.5	14.5	14.0	---	---	10.0	9.0	12.0	10.0	15.0	15.0
18	21.0	19.5	16.0	14.5	---	---	9.5	9.0	12.0	10.5	16.5	14.5
19	21.5	20.0	17.0	16.0	---	---	9.0	8.0	12.5	11.0	16.5	15.0
20	22.5	21.0	18.0	17.0	---	---	8.0	7.5	13.5	11.5	17.0	16.0
21	22.0	21.0	19.0	18.0	---	---	7.5	7.0	13.0	13.0	16.0	14.5
22	21.0	20.0	20.0	19.0	---	---	7.5	7.0	13.0	12.5	15.0	14.0
23	20.5	19.0	20.0	19.5	---	---	7.5	7.0	13.0	12.5	14.5	13.5
24	19.5	18.5	19.5	18.0	---	---	7.5	6.5	13.5	12.0	13.5	12.5
25	19.0	18.0	18.0	16.5	---	---	8.0	7.0	14.0	13.0	13.5	12.5
26	19.0	17.5	17.0	16.5	---	---	8.0	7.5	13.0	12.0	13.5	13.0
27	18.5	17.0	18.0	17.0	---	---	8.0	8.0	12.5	11.5	14.5	13.5
28	18.5	17.5	18.0	17.5	---	---	8.0	7.5	11.5	11.0	14.5	13.0
29	19.5	18.0	17.5	17.0	---	---	8.5	7.5	---	---	14.5	13.0
30	20.5	19.5	17.5	17.0	---	---	9.5	8.0	---	---	14.5	13.5
31	21.5	20.0	---	---	14.0	13.5	10.5	9.0	---	---	15.0	13.5
MONTH	27.0	17.0	22.0	13.0	---	---	---	---	14.0	8.5	18.5	11.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	16.0	14.5	21.0	20.0	24.0	23.5	27.0	26.5	29.0	28.0	31.0	30.0
2	16.0	15.0	21.5	20.5	24.0	23.0	28.0	26.5	28.0	27.5	30.5	29.5
3	16.5	15.0	21.5	20.5	24.5	23.5	28.0	27.0	28.0	27.5	30.5	29.5
4	16.0	15.5	21.0	20.0	24.5	24.0	28.0	27.5	28.5	27.5	30.0	29.5
5	16.5	16.0	21.5	20.0	24.5	24.0	28.5	27.5	29.0	28.0	29.0	28.0
6	---	---	21.5	20.0	24.0	23.5	28.5	27.5	29.5	28.5	28.0	25.0
7	20.0	18.5	22.0	21.0	---	---	29.0	28.0	29.5	29.0	25.5	25.0
8	18.5	18.0	23.0	21.5	---	---	28.0	27.5	29.5	29.0	26.5	25.0
9	18.5	17.5	23.0	21.5	---	---	28.5	27.5	29.0	28.5	27.5	26.0
10	19.5	17.0	23.0	22.5	24.5	23.5	28.5	27.5	29.5	28.0	28.5	26.0
11	18.5	17.5	23.5	22.5	25.5	24.5	29.0	28.0	30.0	28.5	28.0	27.5
12	19.0	17.5	24.0	23.0	26.0	25.0	29.5	28.5	29.5	28.5	27.5	27.0
13	19.0	18.0	24.5	23.5	26.5	25.5	29.5	28.5	29.0	28.5	27.5	26.5
14	19.0	18.5	25.5	24.0	27.0	26.0	29.5	28.5	29.5	28.0	28.0	27.0
15	18.5	17.5	25.0	24.5	27.0	26.0	29.5	28.5	30.5	29.0	28.0	26.5
16	19.0	16.5	25.0	24.0	27.0	26.0	29.5	29.0	30.0	29.5	28.0	26.5
17	19.0	16.5	25.0	23.5	27.5	26.5	29.5	28.5	29.5	29.0	28.5	27.0
18	19.0	17.0	24.5	24.0	26.5	26.0	29.0	28.5	29.5	28.5	28.5	27.0
19	17.0	16.5	25.0	24.0	26.0	25.5	29.0	28.5	30.5	29.0	28.5	27.0
20	17.0	11.0	24.5	24.0	25.5	24.5	29.5	28.0	31.0	29.5	28.5	27.5
21	18.0	16.0	24.5	24.0	24.5	24.0	29.5	28.5	31.5	30.0	27.5	25.0
22	18.0	17.0	24.0	22.5	25.0	24.0	30.5	29.0	31.0	30.5	24.5	23.0
23	19.0	17.5	24.0	22.5	25.5	25.0	31.0	30.0	31.0	30.0	23.5	22.5
24	19.5	17.5	24.5	23.0	25.5	25.0	31.5	30.0	31.0	30.0	23.5	22.0
25	18.5	17.0	26.0	23.0	26.0	25.5	31.5	30.5	31.0	30.0	23.5	22.0
26	19.0	17.5	26.0	23.0	26.5	26.0	31.5	30.5	31.0	30.0	24.5	23.0
27	19.0	17.5	25.0	23.5	26.5	26.0	31.0	30.0	31.0	30.0	25.0	23.0
28	19.5	18.5	26.0	23.5	26.5	26.0	30.5	30.0	32.0	30.0	24.5	23.5
29	20.0	19.0	25.0	24.0	26.5	26.0	31.0	30.0	31.5	30.0	24.5	23.0
30	20.5	19.5	25.0	23.5	27.0	26.0	30.5	29.5	30.5	29.5	24.5	23.0
31	---	---	24.5	23.5	---	---	30.0	29.0	31.0	29.5	---	---
MONTH	20.5	11.0	26.0	20.0	27.5	23.0	31.5	26.5	32.0	27.5	31.0	22.0

PEARL RIVER BASIN

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.6	6.9	8.5	7.9	8.6	7.7	7.8	7.1	9.5	8.0	8.8	8.6
2	7.5	6.7	7.9	7.5	7.7	6.6	7.7	7.2	8.5	8.1	8.9	8.7
3	7.4	6.6	7.6	7.3	---	---	7.8	7.4	8.5	8.3	8.7	8.5
4	7.3	6.6	7.8	7.0	---	---	---	---	9.2	8.5	9.0	8.4
5	6.9	6.3	8.5	7.8	---	---	---	---	9.4	9.0	8.6	8.2
6	6.5	6.0	8.8	8.2	---	---	---	---	9.4	9.0	8.1	7.7
7	6.4	5.8	9.0	8.6	---	---	---	---	9.6	9.3	7.9	7.4
8	6.8	6.1	9.2	8.7	---	---	---	---	9.8	9.5	---	---
9	7.0	6.4	9.4	8.9	---	---	---	---	9.8	9.6	---	---
10	6.6	6.2	10.3	9.1	---	---	---	---	9.7	9.0	---	---
11	6.7	6.0	10.3	9.6	---	---	---	---	9.5	9.3	---	---
12	7.0	6.5	9.6	8.9	---	---	---	---	9.6	9.3	8.6	8.0
13	7.8	6.9	9.7	8.7	---	---	---	---	9.6	9.4	8.8	8.3
14	9.0	7.7	10.4	9.3	---	---	9.4	9.1	9.7	9.5	8.8	8.4
15	8.5	7.8	10.8	9.9	---	---	9.3	9.1	9.6	9.5	8.6	8.3
16	7.8	7.4	10.9	10.1	---	---	9.4	9.3	9.5	9.3	8.4	8.0
17	8.3	7.7	10.3	9.5	---	---	9.5	9.3	9.5	9.2	8.1	7.9
18	8.5	8.1	9.9	9.2	---	---	9.6	9.4	9.6	9.3	8.5	7.9
19	8.5	8.1	9.8	9.0	---	---	9.9	9.6	9.6	9.3	8.4	8.1
20	8.9	8.2	9.2	8.5	---	---	10.0	9.5	9.5	9.2	8.3	7.9
21	8.9	8.2	8.8	8.4	---	---	10.2	10.1	9.3	8.9	8.4	7.9
22	9.1	8.2	8.7	8.3	---	---	10.4	10.2	9.0	8.8	8.7	8.2
23	9.2	8.3	8.6	8.3	---	---	10.4	10.2	9.0	8.7	8.5	8.2
24	9.0	8.5	8.5	8.2	---	---	10.5	10.3	9.1	8.9	8.8	8.3
25	9.3	8.5	8.5	8.3	---	---	10.5	10.2	8.9	8.7	9.1	8.7
26	9.2	8.6	8.7	8.4	---	---	10.3	10.1	9.0	8.8	9.2	7.7
27	9.6	8.5	8.7	8.5	---	---	10.2	10.0	9.0	8.7	9.0	8.0
28	9.2	8.8	8.6	8.3	---	---	10.2	9.9	8.8	8.7	8.9	8.6
29	9.1	8.6	8.6	8.3	---	---	10.1	9.8	---	---	8.9	8.6
30	8.5	8.0	8.6	8.5	---	---	9.9	9.6	---	---	8.9	8.6
31	8.5	7.8	---	---	7.6	7.1	9.7	9.4	---	---	8.8	8.5
MONTH	9.6	5.8	10.9	7.0	---	---	---	---	9.8	8.0	9.2	7.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.6	8.3	7.1	6.9	6.5	6.2	6.0	5.8	6.8	6.5	6.3	5.7
2	8.7	8.2	7.1	6.9	6.3	6.2	5.9	5.7	7.0	6.4	7.1	5.7
3	8.8	8.3	7.0	6.8	6.3	5.9	5.8	5.7	7.3	6.6	6.9	6.1
4	8.7	8.3	7.2	6.9	6.2	5.9	5.7	5.6	7.7	6.8	6.7	6.1
5	8.6	8.0	7.2	7.0	5.9	5.6	5.7	5.5	7.7	7.0	7.8	5.0
6	---	---	7.2	6.9	5.8	5.3	5.4	5.4	7.5	6.7	7.8	6.1
7	7.5	7.2	7.1	6.9	---	---	6.5	5.8	7.0	6.6	6.8	6.4
8	7.3	7.1	7.0	6.8	---	---	6.3	6.0	6.8	6.4	7.5	6.5
9	7.2	7.0	6.8	6.4	---	---	6.2	5.9	6.7	6.2	8.2	7.0
10	7.4	7.1	6.4	6.2	6.0	5.9	6.6	6.0	6.7	6.2	7.9	6.9
11	7.5	7.2	6.5	6.1	6.5	6.0	6.8	6.2	6.5	6.2	7.2	6.6
12	7.5	7.4	6.7	6.3	6.7	6.3	7.1	6.5	6.8	5.9	7.1	6.4
13	7.5	7.4	7.3	6.5	7.2	6.5	7.0	6.4	6.6	6.2	7.7	6.6
14	7.7	7.1	7.7	7.0	7.3	6.6	6.9	6.4	6.9	6.4	8.1	6.9
15	7.4	7.1	7.4	6.8	7.2	6.6	7.0	6.4	7.0	6.4	7.8	6.9
16	7.8	7.4	7.8	6.6	7.1	6.6	6.8	6.2	7.0	6.5	7.8	6.8
17	8.0	7.5	7.9	7.1	7.4	6.6	6.5	6.1	6.9	6.3	7.7	6.8
18	7.8	7.6	7.4	6.9	7.0	6.7	6.9	5.9	6.9	6.3	7.4	6.7
19	7.9	7.5	7.4	7.1	7.0	6.4	6.9	6.4	7.0	6.4	7.4	6.5
20	8.1	7.8	7.0	6.8	6.4	6.1	7.0	6.5	7.0	6.2	7.2	6.4
21	8.1	7.5	6.8	6.2	6.3	6.1	7.1	6.5	6.5	6.0	7.2	6.0
22	7.7	7.4	---	---	6.2	5.9	7.2	6.5	6.3	5.8	8.0	6.9
23	7.4	7.1	---	---	6.3	5.9	7.3	6.6	6.7	5.7	8.7	7.7
24	7.4	6.9	---	---	6.3	6.1	7.1	6.4	6.8	6.0	9.2	8.3
25	7.5	7.4	---	---	6.2	6.1	7.0	6.4	7.3	6.1	9.1	8.3
26	7.5	7.2	---	---	6.2	6.0	6.8	6.3	7.4	6.4	8.8	7.7
27	7.5	7.3	---	---	6.0	5.9	6.5	6.1	7.1	6.3	8.6	7.8
28	7.4	7.2	---	---	6.1	5.6	6.8	5.9	6.9	6.0	8.3	7.7
29	7.3	7.0	---	---	5.9	5.7	7.5	6.5	6.7	5.9	8.3	7.7
30	7.2	7.0	---	---	6.0	5.6	7.7	6.9	6.2	5.7	8.2	7.6
31	---	---	6.4	6.0	---	---	7.2	6.7	6.3	5.6	---	---
MONTH	8.8	6.9	---	---	7.4	5.3	7.7	5.4	7.7	5.6	9.2	5.0

02491500 BOGUE CHITTO AT FRANKLINTON, LA

LOCATION.--Lat 30°50'35", long 90°09'45", in SE1/4SE1/4 sec. 26, T. 2 S., R. 10 E., Washington Parish, Hydrologic Unit 03180005, at bridge on State Highway 10, 0.8 mi west of Franklinton, and 3.5 mi upstream from Lawrence Creek.

DRAINAGE AREA.--990 mi².

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

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

GAGE.--Water-stage recorder. Datum of gage is 123.81 ft National Geodetic Vertical Datum of 1929. August 1928 to September 1931, nonrecording gage at site about 0.2 mi downstream at datum 2.00 ft higher. October 1938 to June 22, 1939, nonrecording gage; June 23, 1939, to September 1957 and February to September 1975, water-stage recorder at present site at datum 1.00 ft higher.

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

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1900 reached a stage of 29.6 ft, at former site and present datum, from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.69 ft Apr. 7; minimum, 0.70 ft Oct. 5, 6, 23, 24-30.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge
Apr. 7, 1983.....	106000

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.71	.79	3.99	---	---	3.15	2.73	---	2.31	2.68	1.56	1.41
2	.71	.77	3.89	---	---	3.20	2.85	---	2.26	2.60	1.74	1.39
3	.73	1.17	1.97	---	14.34	3.06	2.61	---	2.20	2.32	4.61	1.41
4	.72	.99	9.91	---	12.20	3.04	2.60	---	2.14	2.14	3.06	1.54
5	.70	.82	14.92	---	11.23	3.51	2.35	---	2.27	2.04	2.43	1.42
6	.70	.79	15.30	---	13.29	3.85	16.43	2.49	3.39	2.53	3.56	1.66
7	1.29	.75	13.77	---	13.37	2.63	21.78	2.45	3.76	2.23	2.47	1.78
8	1.56	.75	6.90	---	11.80	---	22.83	2.43	4.87	3.07	3.14	1.74
9	1.29	.75	4.32	---	10.48	---	---	2.40	3.34	2.45	3.61	1.54
10	1.10	.74	3.53	---	10.93	---	---	2.38	2.90	2.06	2.70	1.46
11	1.00	.74	3.58	---	12.50	---	---	2.38	2.40	1.91	2.14	1.46
12	.88	.74	4.29	---	11.34	---	---	2.36	2.22	1.85	2.48	1.57
13	.85	.75	---	---	9.90	---	---	2.33	2.10	1.80	2.72	1.53
14	.84	.75	---	---	7.85	---	---	2.29	2.00	1.76	2.35	1.46
15	.80	.75	---	---	6.87	---	---	2.27	2.03	1.72	1.90	1.40
16	.79	.75	4.63	---	6.48	---	---	3.88	2.12	1.69	1.79	1.37
17	.76	.80	4.23	---	6.28	---	---	2.81	2.06	1.87	1.77	1.35
18	.76	1.28	3.63	---	6.04	---	---	2.78	2.86	1.93	1.73	1.34
19	.75	1.32	2.87	---	5.87	---	---	2.49	3.02	1.92	1.67	1.36
20	.75	1.80	2.39	---	5.73	---	---	2.62	3.51	2.00	1.64	1.40
21	.74	1.52	2.15	---	5.61	---	---	3.78	2.57	2.22	1.61	1.93
22	.74	1.60	1.98	---	6.81	---	---	7.02	2.81	1.81	1.57	1.91
23	.72	1.26	1.87	---	6.86	---	---	9.18	2.96	1.72	1.56	1.66
24	.70	1.08	1.83	---	5.96	---	---	10.61	3.84	1.66	1.57	1.50
25	.70	1.00	1.91	---	4.78	---	---	7.85	4.27	1.62	1.54	1.40
26	.70	.95	2.77	---	3.61	5.31	---	4.44	3.22	1.60	1.51	1.36
27	.70	1.03	3.68	---	3.08	8.29	---	3.33	3.04	1.56	1.49	1.34
28	.70	1.55	3.74	---	3.03	6.72	---	2.91	3.53	2.55	1.47	1.31
29	.70	1.63	3.64	---	---	4.97	---	2.68	3.46	1.92	1.48	1.30
30	.70	1.98	2.66	---	---	3.64	---	2.53	3.15	1.64	1.49	1.28
31	.88	---	---	---	---	3.05	---	2.40	---	1.59	1.44	---
MAX	1.56	1.98	15.30	---	14.34	8.29	22.83	10.61	4.87	3.07	4.61	1.93
MIN	.70	.74	1.83	---	3.03	---	---	2.27	2.00	1.56	1.44	1.28

NOTE: No gage-height record Dec. 13-15, Dec. 31 to Feb. 2, Mar. 8-25, Apr. 9 to May 5.

02492000 BOGUE CHITTO NEAR BUSH, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°37'45", long 89°53'50", in SE1/4NE1/4 lot 42, T. 5 S., R. 13 E., St. Tammany Parish, Hydrologic Unit 03180005, near center of span on downstream side of bridge on State Highway 21, 0.2 mi downstream from Illinois Central Gulf Railroad bridge, and 1.4 mi north of Bush.

DRAINAGE AREA.--1,213 mi².

WATER-DISCHARGE RECORDS

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

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

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

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--46 years, 1,915 ft³/s, 21.44 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 131,700 ft³/s Apr. 8, 1983, gage height, 21.22 ft; minimum, 366 ft³/s Oct. 22, 23, 26, 29, 1968; minimum gage height, 0.7 ft Oct. 1, 1937, Oct. 29-31, 1940, Oct. 22-27, 1941.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 6	1030	24400	13.19	Apr. 8	1730	*131700	21.22
Feb. 4	0700	17500	12.17	Apr. 16	0230	13500	11.61
Feb. 12	0630	11500	11.13	May 25	1445	12300	11.28

Minimum discharge, 508 ft³/s Oct. 2, 5, 6; minimum gage height, 2.89 ft Oct. 26, 27.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	517	602	1590	6620	4710	3060	2780	1610	1450	1720	966	991
2	511	608	2510	5720	10000	3040	2430	1530	1380	1350	1070	943
3	527	700	1940	7190	18700	2860	2370	1470	1310	1270	1950	920
4	522	812	4790	8900	20500	2550	2210	1420	1270	1190	2510	914
5	513	696	13400	8230	16200	2440	2100	1370	1310	1130	1750	924
6	523	624	23800	6400	9830	4810	3330	1340	1790	1100	1370	1090
7	620	591	23600	4050	9210	8670	57300	1320	2520	1140	1530	1490
8	1110	575	19600	2920	9280	7170	126000	1300	3070	1280	1660	1650
9	1050	565	10200	2540	7060	5290	84600	1280	3260	1340	2310	1330
10	867	562	5160	2390	6440	3480	38600	1270	2080	1180	2360	1090
11	762	561	3360	2390	8760	2570	18600	1270	1440	1080	1610	1030
12	693	563	3740	2340	11300	2240	10800	1270	1230	1040	1310	1050
13	650	570	4100	2090	9660	2070	6990	1260	1170	1010	1590	1100
14	632	569	3580	1890	7460	1970	7520	1240	1140	993	1620	1040
15	611	561	3190	1730	5200	1900	10900	1230	1120	978	1320	970
16	592	559	3560	1590	3680	1850	12300	1320	1120	969	1150	924
17	577	577	4110	1480	3260	1830	9070	1880	1150	969	1100	897
18	567	684	3650	1380	3000	1820	6930	1570	1150	1040	1100	881
19	562	859	2910	1320	2720	1790	4970	1440	1300	1090	1080	874
20	558	1020	2290	1840	2510	1780	3700	1360	1600	1090	1040	883
21	553	1150	1920	4080	2400	2400	3150	1440	1740	1110	1020	989
22	546	1030	1750	6870	2750	3920	2870	4770	1350	1110	1000	1040
23	541	965	1690	7560	5760	3820	3040	9980	1340	1020	990	1010
24	535	821	1660	6560	7030	2960	3220	11400	1580	974	981	928
25	532	740	1640	5360	5880	4060	2990	12000	2080	952	979	882
26	529	698	1780	3520	4320	5750	2570	9500	2260	942	968	859
27	528	701	2460	2740	3080	7640	2270	4480	1920	935	957	846
28	531	871	3880	2440	2840	9210	2030	2260	1750	1070	947	836
29	533	1280	5880	2690	---	8100	1860	1700	2010	1130	945	827
30	540	1220	8180	3020	---	5430	1720	1540	2060	1020	1100	821
31	559	---	8400	3340	---	3610	---	1500	---	967	1080	---
TOTAL	14891	22334	180320	121190	203540	120090	439220	88320	49950	34189	41363	30029
MEAN	609	744	5817	3909	7269	3874	14640	2849	1665	1103	1334	1001
MAX	1110	1280	23800	8900	20500	9210	126000	12000	3260	1720	2510	1650
MIN	511	559	1590	1320	2400	1780	1720	1230	1120	935	945	821
CFSM	.50	.61	4.80	3.22	5.99	3.19	12.1	2.35	1.37	.91	1.10	.83
IN.	.58	.68	5.53	3.72	6.24	3.68	13.47	2.71	1.53	1.05	1.27	.92

CAL YR 1982	TOTAL	679655	MEAN	1862	MAX	23800	MIN	511	CFSM	1.54	IN	20.84
WTR YR 1983	TOTAL	1349436	MEAN	3697	MAX	126000	MIN	511	CFSM	3.05	IN	41.38

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.94	3.12	5.42	9.91	9.00	7.76	7.42	6.49	6.67	6.99	4.52	4.37
2	2.93	3.13	7.05	9.59	10.75	7.73	6.95	6.36	6.57	6.37	4.93	4.22
3	2.97	3.38	6.10	10.08	12.36	7.53	6.84	6.24	6.40	6.04	7.03	4.15
4	2.95	3.68	8.77	10.55	12.64	7.12	6.59	6.16	6.21	5.68	7.84	4.14
5	2.93	3.37	11.42	10.38	11.96	6.95	6.39	6.05	6.38	5.42	6.86	4.18
6	2.96	3.17	13.10	9.82	10.75	8.99	7.53	5.94	7.13	5.27	6.03	4.76
7	3.20	3.09	13.07	8.59	10.62	10.48	16.64	5.83	8.03	5.43	6.47	6.06
8	4.43	3.04	12.48	7.59	10.64	10.08	21.01	5.76	8.50	6.06	6.62	6.54
9	4.29	3.02	10.82	7.11	10.05	9.37	18.97	5.69	8.64	6.32	7.58	5.65
10	3.83	3.00	9.25	6.88	9.86	8.14	15.00	5.64	7.50	5.62	7.64	4.84
11	3.55	3.00	8.10	6.89	10.50	7.14	12.32	5.62	6.61	5.17	6.48	4.64
12	3.36	3.01	8.46	6.80	11.08	6.63	10.97	5.60	6.01	4.95	5.67	4.76
13	3.24	3.03	8.76	6.38	10.73	6.34	10.02	5.54	5.71	4.83	6.40	4.98
14	3.20	3.03	8.42	6.01	10.17	6.15	10.18	5.47	5.54	4.74	6.51	4.75
15	3.14	3.00	8.13	5.71	9.30	6.03	10.98	5.41	5.45	4.67	5.64	4.49
16	3.09	2.99	8.46	5.45	8.34	5.94	11.28	5.72	5.45	4.62	5.06	4.31
17	3.05	3.04	8.89	5.22	7.97	5.91	10.58	6.98	5.59	4.62	4.87	4.20
18	3.02	3.34	8.61	5.03	7.68	5.88	10.04	6.48	5.61	4.95	4.83	4.15
19	3.00	3.81	8.03	4.89	7.35	5.83	9.29	6.09	6.26	5.19	4.75	4.13
20	2.99	4.20	7.35	5.89	7.07	5.82	8.54	5.82	6.86	5.19	4.63	4.18
21	2.97	4.51	6.87	8.55	6.91	6.85	8.11	6.05	7.04	5.27	4.54	4.68
22	2.95	4.24	6.53	9.99	7.33	8.51	7.88	8.95	6.43	5.26	4.47	4.94
23	2.94	4.07	6.26	10.20	9.53	8.43	8.07	10.79	6.43	4.84	4.41	4.81
24	2.91	3.71	6.06	9.90	10.05	7.64	8.27	11.10	6.81	4.63	4.37	4.45
25	2.90	3.49	5.91	9.40	9.64	8.61	8.08	11.23	7.49	4.53	4.36	4.24
26	2.89	3.37	6.11	8.18	8.79	9.56	7.66	10.68	7.71	4.47	4.31	4.13
27	2.89	3.38	7.15	7.38	7.77	10.22	7.31	9.25	7.27	4.44	4.27	4.07
28	2.90	3.83	8.52	6.96	7.51	10.62	7.00	7.73	7.04	5.03	4.23	4.03
29	2.91	4.79	9.62	7.31	---	10.34	6.79	7.02	7.39	5.28	4.22	4.00
30	2.93	4.68	10.36	7.71	---	9.42	6.63	6.81	7.45	4.79	4.72	3.97
31	2.99	---	10.42	8.04	---	8.26	---	6.74	---	4.54	4.62	---
MAX	4.43	4.79	13.10	10.55	12.64	10.62	21.01	11.23	8.64	6.99	7.84	6.54
MIN	2.89	2.99	5.42	4.89	6.91	5.82	6.39	5.41	5.45	4.44	4.22	3.97

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953-55, 1965-68, 1973 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to September 1981.

WATER TEMPERATURES: October 1974 to September 1981.

INSTRUMENTATION.--Water-quality monitor October 1975 to September 1981.

REMARKS.--Lower limit of conductivity sensor was 28 micromhos prior to September 16, 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 402 micromhos July 11, 1976; minimum, 13 micromhos Feb. 10, 1981.

WATER TEMPERATURES: Maximum, 33.0°C June 26, 1977, July 24, 25, 1981; minimum, 5.0°C Jan. 19, 20, 1977, Jan. 20, 21, 1978.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCTI- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- CORAL UNITS)	TUR- BID- IDITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 15...	1145	607	47	6.2	20.0	15	5.0	8.6	1.4	K8200	K140
DEC 30...	1030	8150	39	6.0	13.5	80	45	8.3	1.8	1200	2700
FEH 10...	1230	6360	34	5.9	12.0	50	25	9.5	1.6	1100	3100
APH 21...	1200	3140	40	5.8	16.5	10	20	8.8	1.2	760	4800
JUN 17...	1200	1170	43	6.1	26.0	10	7.1	7.8	.9	270	480
AUG 16...	1130	1150	48	5.7	28.0	30	18	7.6	1.0	110	2000

DATE	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINEITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 15...	8	1.8	.9	4.8	1.3	9	<5.0	6.6	<.1	13
DEC 30...	8	1.8	.8	2.9	2.0	5	3.0	5.3	<.1	7.1
FEH 10...	11	2.0	1.5	1.8	1.5	4	6.3	4.5	<.1	7.5
APH 21...	9	2.2	.9	3.0	1.2	7	4.9	5.0	<.1	10
JUN 17...	9	2.2	1.0	3.6	1.3	9	4.9	6.3	<.1	11
AUG 16...	11	2.6	1.0	4.3	1.4	8	4.0	7.3	<.1	10

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHOPHOS- PHATE, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)
OCT 15...	--	--	.18	.04	.3	.09	.06	.06	20	1
DEC 30...	43	26	.17	.09	.5	.36	.02	.01	--	--
FEH 10...	26	27	.31	.12	.3	.08	.02	.02	100	1
APH 21...	40	31	.27	.04	.3	.05	.02	.01	40	1
JUN 17...	38	36	.27	.07	.3	--	.12	.01	--	--
AUG 16...	51	37	--	--	--	--	--	--	10	1

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

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

PEARL RIVER BASIN

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02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CORAL, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LITHIUM DIS- SOLVED (UG/L AS LI)
OCT 15...	29	<1	<1	<1	<3	2	360	1	<4
FEB 10...	34	<1	<1	<1	<3	4	150	9	<4
APR 21...	45	<1	<1	<1	<3	2	230	5	<4
AUG 16...	60	<1	<1	<1	<3	9	190	4	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SILF- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 15...	44	<.1	<10	3	<1	<1	22	<6	10
FEB 10...	38	.4	<10	4	<1	1	17	<6	21
APR 21...	100	<.1	<10	3	<1	<1	23	<6	4
AUG 16...	81	<.1	<10	5	<1	<1	28	<6	47

DATE	SEDI- MENT, DIS- SOLVED (MG/L)	SEDI- MENT, DIS- SOLVED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 15...	32	52	78
DEC 30...	110	2420	89
FEB 10...	66	1130	78
APR 21...	37	314	88
JUN 17...	35	111	80
AUG 16...	64	199	86

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

PEARL RIVER BASIN

02492600 PEARL RIVER AT PEARL RIVER, LA

LOCATION.--Lat 30°23'06", long 89°44'12", in NW1/4NW1/4 sec. 6, T.8 S., R.15 E., St. Helena meridian, St. Tammany Parish, Hydrologic Unit 03180004, on left bank on downstream side of Norfolk and Southern Railroad bridge over West Pearl River, 700 ft upstream from Interstate Highway 59, and 0.8 mi northeast of town of Pearl River.

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

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

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

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

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

AVERAGE DISCHARGE.--7 years (water years 1964-70) 9,470 ft³/s, 14.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 230,000 ft³/s Apr. 9, 1983; maximum gage height, 21.05 ft; minimum daily discharge, 1,580 ft³/s Oct. 24, Nov. 10, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed since October 1899 is that of Apr. 26, 1979. Flood of 1874 reached a stage of 20.2 ft, furnished by Corps of Engineers. Southern Railway System reported a stage of 19.7 ft Apr. 19, 1900.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.05 ft Apr. 9; minimum, 3.26 ft Oct. 28, but may have been less during periods of no gage-height record.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)
Apr. 10, 1983.....	196000	Apr. 11.....	145000	May 25.....	40,900

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.39	3.69	7.26	15.36	14.71	15.47	14.60	15.18	16.80	13.17	---	---
2	3.40	3.81	7.98	15.66	15.20	14.87	14.22	14.86	16.90	13.26	---	---
3	3.52	3.82	9.31	15.83	15.64	14.08	13.88	14.41	16.90	13.25	---	---
4	3.49	3.83	11.12	15.99	16.30	13.43	13.60	13.92	16.81	13.15	---	---
5	3.55	3.76	13.54	16.28	16.72	13.09	13.40	13.58	16.71	12.81	---	---
6	3.51	3.76	14.85	16.37	16.99	12.98	13.26	13.39	16.51	12.29	---	---
7	3.59	3.67	15.79	16.41	16.69	12.88	14.45	13.29	16.25	11.38	---	---
8	3.72	3.49	16.29	16.23	16.53	13.65	17.32	13.20	15.94	10.52	---	---
9	4.16	3.38	16.46	16.04	16.51	14.29	20.45	12.92	15.47	10.33	---	---
10	4.36	3.58	16.45	15.89	16.49	14.45	20.93	12.48	14.85	10.32	---	---
11	4.32	3.72	16.13	15.84	16.43	14.48	19.76	11.67	13.64	9.65	---	---
12	4.08	3.72	16.13	15.73	14.51	14.51	18.56	10.61	12.35	8.92	---	---
13	4.63	3.72	16.13	15.58	16.40	14.39	17.80	9.65	11.13	8.43	---	---
14	4.98	3.45	16.21	15.27	16.46	14.85	17.64	8.92	10.19	8.16	---	---
15	5.14	3.44	16.42	14.94	16.32	14.96	17.59	8.38	9.37	7.87	---	---
16	5.25	3.31	16.49	14.71	16.26	15.07	17.64	8.18	8.73	7.44	---	---
17	5.21	3.41	16.51	14.17	16.25	15.18	17.59	7.96	8.37	7.23	---	---
18	5.21	3.55	16.51	13.39	16.26	15.23	17.16	---	8.28	7.05	---	---
19	5.21	3.62	16.48	12.80	16.27	15.34	16.85	---	8.19	7.00	---	---
20	5.18	4.18	16.42	12.42	16.29	15.39	16.68	---	8.64	7.22	---	---
21	4.85	4.58	16.36	12.51	16.34	15.43	16.58	---	9.95	7.28	---	---
22	4.58	4.97	16.19	12.51	16.27	15.42	16.51	---	11.21	7.20	---	---
23	4.24	5.56	16.03	13.23	16.24	15.41	16.48	12.70	11.54	7.20	---	---
24	4.11	6.04	15.85	13.80	16.22	15.34	16.47	14.20	11.29	7.08	---	---
25	3.84	6.09	15.68	14.15	16.28	14.65	16.36	14.70	11.17	6.80	---	---
26	3.39	5.89	15.43	14.31	16.19	13.83	16.22	15.30	11.38	6.43	---	---
27	3.41	5.53	15.16	14.36	16.02	14.06	16.05	15.50	11.69	---	---	5.21
28	3.29	5.58	14.98	14.35	15.79	14.42	15.85	---	11.96	---	---	5.01
29	3.31	6.12	14.81	14.31	---	14.77	15.66	---	12.31	---	---	4.93
30	3.47	6.86	14.74	14.30	---	15.00	15.44	15.90	12.95	---	---	4.89
31	3.58	---	14.83	14.36	---	14.94	---	16.50	---	---	---	---
MAX	5.25	6.86	16.51	16.41	16.99	15.47	20.93	16.50	16.90	13.26	---	---
MIN	3.29	3.31	7.26	12.42	14.51	12.88	13.26	---	8.19	---	---	---

NOTE: No gage-height record May 18-22, July 27 to Sept. 26.

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS

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

DRAINAGE AREA.--1,124,900 mi², contributing.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1972 to September 1982 (see NOTE). Elevation, intermittently, 1932 to September 1981 discharge, intermittently, 1911-13, 1928-29, and 1932-36; and discharges computed daily since 1936 are in reports of Corps of Engineers. Elevations published for water years 1973 - 1981 are those of Mississippi River at Red River Landing, La. and are not those for this location.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929. Water-stage recorder for Mississippi River at Red River Landing, La. (station 07373290) used as supplementary gage for this station.

REMARKS.--Natural flow of stream affected by many reservoirs and navigation dams. Since July 12, 1963, all of the Red River flow is noncontributing and controlled diversion of the Mississippi River flow into Atchafalaya River basin by way of Old River Control Structure.

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

AVERAGE DISCHARGE.--10 years (water years 1973-82), 514,000 ft³/s, 372,530,655 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,500,000 ft³/s May 16, 1973, elevation, 54.61 ft; minimum daily, 145,000 ft³/s Jan. 28, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed since at least 1936, 1,980,000 ft³/s Feb. 19, 1937; minimum, 85,000 ft³/s Nov. 4, 1939.

EXTREMES FOR CURRENT YEAR.--Water year 1982: Maximum daily discharge, 873,000 ft³/s Apr. 8, 9; minimum daily, 209,000 ft³/s Oct. 4, 5, 6, 7.

NOTE.--Records for the 1983 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	227000	284000	242000	297000	539000	764000	825000	685000	548000	730000	436000	297000
2	220000	283000	242000	311000	574000	776000	833000	672000	560000	699000	449000	291000
3	213000	282000	241000	326000	613000	782000	840000	655000	566000	673000	453000	288000
4	209000	281000	242000	341000	650000	792000	848000	638000	572000	633000	440000	287000
5	209000	286000	250000	358000	683000	806000	855000	617000	580000	594000	424000	291000
6	209000	300000	254000	369000	710000	813000	860000	593000	597000	556000	406000	298000
7	209000	314000	266000	379000	728000	822000	867000	574000	622000	535000	391000	307000
8	211000	326000	273000	382000	747000	825000	873000	555000	646000	523000	376000	322000
9	215000	335000	285000	396000	768000	821000	873000	535000	673000	520000	363000	348000
10	216000	348000	302000	401000	783000	809000	864000	518000	700000	518000	356000	369000
11	216000	357000	318000	409000	792000	795000	855000	499000	727000	516000	340000	388000
12	216000	360000	327000	438000	794000	776000	840000	478000	738000	518000	330000	398000
13	216000	366000	333000	479000	795000	756000	831000	463000	747000	526000	328000	398000
14	216000	376000	340000	491000	794000	730000	818000	458000	753000	528000	320000	398000
15	218000	385000	339000	502000	794000	720000	803000	452000	756000	544000	316000	393000
16	218000	387000	337000	506000	807000	680000	782000	447000	760000	550000	316000	383000
17	220000	380000	328000	506000	810000	661000	759000	444000	769000	548000	325000	366000
18	224000	367000	316000	493000	810000	641000	733000	447000	777000	543000	328000	337000
19	227000	352000	290000	472000	803000	629000	707000	464000	785000	526000	334000	318000
20	230000	340000	280000	449000	792000	627000	695000	485000	792000	505000	339000	304000
21	236000	327000	286000	422000	780000	632000	702000	493000	801000	483000	335000	301000
22	242000	313000	283000	396000	767000	644000	709000	485000	811000	455000	326000	297000
23	257000	301000	278000	379000	755000	666000	710000	472000	812000	435000	318000	294000
24	275000	286000	272000	366000	744000	693000	703000	461000	812000	417000	316000	296000
25	284000	275000	250000	350000	734000	716000	702000	460000	809000	407000	322000	298000
26	298000	262000	246000	348000	733000	736000	700000	465000	804000	403000	332000	300000
27	282000	254000	243000	349000	739000	750000	696000	474000	795000	404000	335000	301000
28	278000	250000	240000	359000	749000	768000	696000	486000	782000	405000	335000	298000
29	277000	246000	244000	396000	---	789000	696000	501000	766000	409000	327000	294000
30	278000	243000	260000	440000	---	794000	693000	519000	752000	418000	314000	289000
31	282000	---	274000	491000	---	809000	---	534000	---	428000	306000	---
TOTAL	7328000	9466000	8681000	12601000	20787000	23022000	23368000	16029000	21612000	15949000	10936000	9749000
MEAN	236400	315500	280000	406500	742400	742600	778900	517100	720400	514500	352800	325000
MAX	298000	387000	340000	506000	810000	825000	873000	685000	812000	730000	453000	398000
MIN	209000	243000	240000	297000	539000	627000	693000	444000	548000	403000	306000	287000
AC-FT	14540000	18780000	17220000	24990000	41230000	45660000	46350000	31790000	42870000	31630000	21690000	19340000

CAL YR 1981 TOTAL 132575000 MEAN 363200 MAX 773000 MIN 145000 AC-FT 263000000
WTR YR 1982 TOTAL 179528000 MEAN 491900 MAX 873000 MIN 209000 AC-FT 356100000

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1973-82.

PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1982.

REMARKS.--Records for the 1983 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily 1,930,000 tons Dec. 21, 1972; minimum daily 24,000 tons Aug. 15, 1977.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	STREAM- FLOW. INSTAN- TANEOUS (CFS)	SEDI- MENT. SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
06...	192000	251	130000	95
20...	227000	171	105000	94
NOV				
03...	261000	191	135000	90
17...	368000	293	291000	89
DEC				
01...	236000	198	126000	92
15...	325000	233	205000	87
29...	267000	121	87300	90
JAN				
13...	523000	399	563000	86
26...	374000	378	381000	91
FEB				
09...	926000	549	1370000	91
23...	837000	296	669000	81
MAR				
09...	916000	349	864000	85
23...	714000	241	464000	88
APR				
05...	907000	415	1020000	78
20...	699000	328	619000	79
MAY				
04...	647000	410	716000	85
18...	435000	275	323000	80
JUN				
01...	537000	782	1130000	94
15...	711000	553	1060000	80
29...	704000	372	707000	86
JUL				
16...	535000	544	787000	97
27...	388000	485	508000	90
AUG				
10...	336000	409	371000	92
24...	309000	228	190000	85
SEP				
08...	330000	318	284000	88
21...	286000	362	279000	92

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	125000	137000	126000	139000	763000	719000	846000	749000	1130000	705000	543000	211000
2	123000	136000	126000	157000	844000	743000	886000	743000	1130000	685000	561000	210000
3	121000	134000	125000	179000	937000	758000	926000	729000	1100000	671000	564000	212000
4	122000	137000	126000	202000	1030000	780000	969000	715000	1070000	635000	535000	216000
5	126000	144000	132000	230000	1120000	808000	1010000	668000	1060000	598000	502000	226000
6	130000	158000	135000	255000	1190000	826000	1010000	618000	1060000	562000	467000	240000
7	127000	173000	144000	281000	1250000	848000	1010000	577000	1080000	550000	437000	257000
8	125000	187000	149000	302000	1310000	860000	1010000	539000	1100000	551000	409000	283000
9	126000	200000	159000	337000	1370000	862000	993000	501000	1130000	566000	385000	319000
10	123000	216000	173000	364000	1340000	825000	966000	468000	1150000	582000	371000	351000
11	120000	230000	187000	397000	1300000	786000	939000	435000	1170000	600000	334000	380000
12	117000	239000	194000	465000	1240000	742000	904000	400000	1150000	625000	309000	397000
13	114000	250000	199000	563000	1180000	698000	879000	374000	1130000	662000	296000	400000
14	111000	267000	205000	587000	1120000	649000	848000	361000	1100000	649000	275000	403000
15	110000	283000	204000	611000	1070000	599000	815000	348000	1060000	746000	261000	398000
16	107000	292000	197000	622000	1040000	559000	774000	335000	1040000	785000	252000	385000
17	106000	291000	185000	626000	998000	524000	731000	326000	1020000	782000	253000	363000
18	106000	273000	170000	606000	950000	490000	686000	323000	1010000	773000	248000	323000
19	105000	253000	146000	572000	892000	466000	642000	365000	992000	739000	246000	299000
20	105000	238000	135000	535000	832000	454000	618000	417000	975000	697000	243000	281000
21	108000	222000	136000	491000	774000	449000	640000	457000	962000	654000	230000	279000
22	112000	205000	130000	450000	719000	451000	662000	478000	951000	599000	213000	263000
23	122000	192000	124000	424000	668000	464000	676000	492000	924000	562000	199000	250000
24	134000	176000	117000	406000	660000	508000	680000	508000	896000	529000	190000	243000
25	140000	164000	100000	382000	653000	550000	692000	543000	865000	511000	200000	236000
26	150000	151000	95000	381000	658000	591000	702000	590000	831000	505000	215000	229000
27	138000	142000	91000	386000	672000	628000	710000	650000	793000	507000	223000	221000
28	135000	137000	87000	406000	692000	671000	724000	722000	751000	505000	229000	210000
29	133000	132000	87000	472000	---	721000	738000	808000	706000	507000	226000	198000
30	134000	128000	101000	556000	---	751000	748000	912000	712000	519000	218000	186000
31	136000	---	116000	659000	---	797000	---	1020000	---	533000	215000	---
TOTAL	3791000	5887000	4401000	13043000	27272000	20577000	24434000	17171000	30048000	19134000	9849000	8469000
MEAN	122000	196000	142000	421000	974000	664000	814000	554000	1000000	617000	318000	282000
MAX	150000	292000	205000	659000	1370000	862000	1010000	1020000	1170000	785000	564000	403000
MIN	105000	128000	87000	139000	653000	449000	618000	323000	706000	505000	190000	186000

WTR YR 1982 TOTAL 184076000 MEAN 504000 MAX 1370000 MIN 87000

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07373290 MISSISSIPPI RIVER AT RED RIVER LANDING, LA

LOCATION.--Lat 30°57'39", long 91°39'52", in lot 4, T.1 S., R.5 W., Pointe Coupee Parish, Hydrologic Unit 08070100, at spur dike on right bank 12.1 mi downstream from inlet channel to Old River Control Structure, and at river mile 302.4.

DRAINAGE AREA.--1,125,000 mi², contributing.

PERIOD OF RECORD.--Elevations October 1972 to September 1982 (see NOTE), October 1923 to current. Prior to October 1982, published as Mississippi River at Tarbert Landing, MS. Elevations are published in reports of Corps of Engineers and National Weather Service. Daily discharges (not equivalent to Mississippi River at Tarbert Landig, MS) calendar year 1851; intermittently, calendar years 1881 to 1927, and daily 1928 to 1963.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to January 1975 at datum 3.49 ft higher.

REMARKS.--Natural flow of stream affected by many reservoirs and navigation dams. Since July 12, 1963, all of the Red River flow is non-contributing and controlled diversion of the Mississippi River basin flow into Atchafalaya River basin by way of Old River Control Structure.

COOPERATION.--Records of elevation furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 54.61 ft May 16, 1973.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1851, 60.94 ft (present datum) May 14-17, 1927; minimum, 2.89 ft Nov. 14, 1895.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 47.40 ft Apr. 10; minimum 14.53 ft Oct. 6.

NOTE.--Records for 1983 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.94	19.57	16.88	20.74	34.55	43.46	45.40	40.61	35.00	41.28	29.50	21.27
2	15.38	19.53	16.87	21.59	36.28	43.78	45.70	40.08	35.50	40.36	30.17	20.91
3	14.94	19.38	16.76	22.50	37.79	43.95	45.95	39.42	35.80	39.36	30.29	20.74
4	14.66	19.37	16.93	23.40	39.30	44.40	46.19	38.79	36.07	38.04	29.67	20.67
5	14.63	19.69	17.30	24.11	40.53	44.78	46.43	37.90	36.37	36.71	28.80	20.90
6	14.62	20.50	17.77	24.77	41.48	45.05	46.65	36.91	36.93	35.23	27.80	21.39
7	14.79	20.40	18.40	25.40	42.23	45.25	46.80	36.08	37.79	34.32	26.99	22.04
8	14.88	22.05	18.86	25.55	42.85	45.40	47.00	35.25	38.69	33.98	26.08	22.93
9	15.04	22.60	19.60	25.42	43.55	45.20	47.12	34.37	39.50	33.73	25.36	24.50
10	15.17	23.38	20.67	25.75	44.03	44.84	47.20	33.52	40.42	33.63	24.98	25.75
11	15.18	23.90	21.66	27.08	44.35	44.36	46.20	32.68	41.21	33.51	24.01	26.88
12	15.14	24.12	22.32	28.85	44.60	43.70	45.90	31.67	41.59	33.80	23.34	27.42
13	15.16	24.46	22.72	31.05	44.52	43.10	45.54	30.86	41.93	34.10	23.19	27.40
14	15.19	25.01	23.08	31.69	44.50	42.22	45.13	30.65	42.11	34.10	22.80	27.33
15	15.28	25.63	22.90	32.36	44.42	41.28	44.57	30.28	42.20	34.88	22.51	26.99
16	15.28	25.68	22.44	32.75	44.81	40.51	43.92	30.04	42.30	35.04	22.56	26.54
17	15.44	25.21	21.79	32.73	44.98	39.66	43.22	29.90	42.60	35.01	23.07	25.41
18	15.68	24.40	20.88	32.11	44.91	38.95	42.27	30.12	42.87	34.70	23.27	23.71
19	15.95	23.61	20.09	31.29	44.63	38.50	41.37	31.00	43.00	34.05	23.63	22.50
20	16.16	22.88	19.63	30.05	44.32	38.33	40.91	32.02	43.43	33.03	23.95	21.71
21	16.51	22.09	19.80	28.65	43.90	38.58	41.20	32.40	43.68	31.96	23.66	21.48
22	16.95	21.29	19.61	27.23	43.44	39.15	41.42	31.99	43.89	30.41	23.10	21.26
23	17.86	20.57	19.40	26.31	43.05	39.95	41.48	31.30	43.89	29.30	22.60	21.17
24	18.98	19.58	18.30	25.53	42.69	40.88	41.27	30.79	73.90	28.46	22.54	21.27
25	19.57	18.93	17.70	24.60	42.38	41.66	41.20	30.77	43.84	27.90	22.91	21.41
26	20.47	18.18	17.36	24.44	42.30	42.42	41.10	31.03	43.69	27.64	23.50	21.56
27	19.37	17.66	17.20	24.53	42.45	42.90	41.01	31.48	43.42	27.72	23.68	21.54
28	19.15	17.44	16.98	25.20	42.96	43.55	41.00	32.00	43.00	27.73	23.63	21.38
29	19.08	17.17	17.78	27.32	---	44.12	40.98	32.80	42.45	28.01	23.10	21.11
30	19.20	17.02	18.53	29.77	---	44.30	40.86	33.60	42.00	28.49	22.24	20.79
31	19.49	---	19.98	32.40	---	44.80	---	34.30	---	29.05	21.71	---
MAX	20.47	25.68	23.08	32.75	44.98	45.40	47.20	40.61	73.90	41.28	30.29	27.42
MIN	14.62	17.02	16.76	20.74	34.55	38.33	40.86	29.90	35.00	27.64	21.71	20.67

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

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

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

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

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1954 to September 1972, October 1974 to current year.

WATER TEMPERATURES: August 1954 to September 1972, October 1974 to current year.

SULFATE: October 1974 to September 1978.

CHLORIDE: October 1974 to current year.

DISSOLVED SOLIDS: October 1978 to current year.

REMARKS.--See records of daily discharge for Mississippi River at Tarbert Landing, MS (station 07295100). Corps of Engineers station 01139.

EXTREMES FOR PERIOD OF DAILY RECORD.--

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

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

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

CHLORIDE: Maximum daily, 63 mg/L July 5, 1977; minimum daily, 9.0 mg/L Dec. 29, 1978.

DISSOLVED SOLIDS: Maximum, 321 mg/L Jan. 21-31, 1981; minimum, 150 mg/L Dec. 21-31, 1978.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 492 micromhos Sept. 20, 26, 27; minimum daily, 268 micromhos Dec. 18, 19.

WATER TEMPERATURES: Maximum daily, 32.0°C July 24; minimum daily, 6.0°C Jan. 28-31, Feb. 1-9, 17-19.

CHLORIDE: Maximum daily, 29 mg/L Nov. 7; minimum daily, 11 mg/L Dec. 24, Jan. 9, 11-13, 15, 18, 19, 21, 22.

DISSOLVED SOLIDS: Maximum, 289 mg/L Nov. 11-20; minimum, 177 mg/L Dec. 11-20, Jan. 11-20.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (MICROHMS)	pH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SETTLABLE MATTER (ML/L/HR)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOLOGICAL (5 DAY) (MG/L)	COLI-FORM, TOTAL (COLS./100 ML)	COLI-FORM, FECAL (UM-MF COLS./100 ML)	
OCT												
07...	1230	400	7.6	23.0	30	70	<1	4.4	<10	.9	320	K70
NOV												
15...	1030	467	7.6	15.5	20	45	<1	10.6	<10	1.6	1700	K140
DEC												
11...	1300	301	7.3	12.0	80	130	<1	9.6	48	1.4	1200	--
JAN												
10...	1200	269	7.2	3.0	30	90	<1	11.3	23	1.7	3000	340
25...	1000	315	7.3	4.5	20	65	<1	12.7	14	2.5	K1300	340
MAR												
15...	1000	361	7.3	10.5	15	60	<1	7.4	26	--	110	K50
APR												
26...	1215	344	7.4	13.0	5	45	<1	8.2	17	.6	120	40
MAY												
17...	0930	293	7.1	21.0	20	55	<1	7.3	<10	.8	500	92
JUN												
22...	1130	329	7.3	24.0	10	46	<1	6.0	<10	.2	K300	42
JUL												
19...	1400	431	7.2	29.5	5	110	<1	6.2	26	.6	K320	86
AUG												
15...	1600	470	7.6	31.0	5	44	<1	8.4	28	.4	K15	K6
SEP												
12...	1530	458	7.2	29.0	5	15	<1	7.5	27	.6	<10	<5

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

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PFR 100 ML)	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 07...	--	160	41	13	17	3.8	116	52	14	.2	7.0
NOV 15...	210	180	44	16	--	--	139	60	18	--	--
DEC 11...	840	120	31	10	19	3.1	82	47	18	.1	6.5
JAN 10...	3500	110	29	8.5	--	--	78	31	9.8	--	--
25...	2800	130	34	11	11	2.7	97	35	12	.1	7.6
MAR 15...	200	140	36	11	--	--	101	41	17	--	--
APR 26...	320	130	38	9.4	10	3.1	91	43	20	.2	6.2
MAY 17...	410	110	31	8.7	--	--	81	35	11	--	--
JUN 22...	90	140	37	11	11	3.2	94	38	13	.2	5.9
JUL 19...	350	170	45	14	--	--	119	50	21	--	--
AUG 15...	K130	190	49	16	21	3.4	133	61	21	.3	5.1
SEP 12...	K19	180	46	16	--	--	130	70	19	--	--

DATE	SOLIDS, RESIDUE AT 180 DEG. C, DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDED (MG/L)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, DIS- SOLVED (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 07...	238	218	223	1.1	1.1	<.01	1.1	1.1	.16	1.0	1.0	.13
NOV 15...	--	--	3	1.7	--	.02	1.7	--	--	--	.4	.21
DEC 11...	194	189	388	1.4	1.5	.07	1.5	1.5	.05	1.1	.5	.23
JAN 10...	--	--	150	1.4	--	.07	1.5	--	--	--	.7	.15
25...	197	173	160	1.8	1.8	.06	1.9	1.8	.14	--	.9	.22
MAR 15...	--	--	<1	2.5	--	.04	2.5	--	--	--	.5	.18
APR 26...	239	185	50	2.1	2.2	.06	2.2	2.2	.09	.8	.7	.16
MAY 17...	--	--	89	1.6	--	.04	1.6	--	--	--	.7	.11
JUN 22...	229	175	86	1.5	1.5	<.01	1.5	1.5	.09	1.2	1.3	.11
JUL 19...	--	--	264	2.3	--	.03	2.3	--	--	--	1.0	.16
AUG 15...	300	258	--	1.3	1.3	<.01	1.3	1.3	.04	1.1	1.1	.34
SEP 12...	--	--	14	.6	--	<.01	.6	--	--	--	.6	.09

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

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

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	PHOS- PHOSPH, DIS- SOLVFD (MG/L AS P)	PHOS- PHOSPH, OPTMO, DIS- SOLVFD (MG/L AS P)	ALUM- INUM, DIS- SOLVFD (UG/L AS AL)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, TOTAL RECOV- FRABLE (UG/L AS BA)	BARIUM, DIS- SOLVFD (UG/L AS BA)	BERYL- LIUM, TOTAL RECOV- FRABLE (UG/L AS BE)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV- FRABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)
OCT 07...	--	.10	40	4	3	--	86	<10	<1	--	2
NOV 15...	--	--	--	3	3	--	--	<10	<1	<1	1
DEC 11...	.12	.11	--	2	1	--	--	<10	<1	1	<1
JAN 10...	--	--	--	3	2	--	--	<10	1	4	1
JAN 25...	--	.09	<10	3	2	<100	62	<10	<1	1	<1
MAR 15...	--	--	--	2	1	--	--	<10	<1	1	<1
APR 26...	.06	.05	--	2	1	--	--	10	<1	2	<1
MAY 17...	--	--	--	2	1	--	--	<10	<1	<1	1
JUN 22...	.11	.10	10	2	1	100	81	<10	<1	1	<1
JUL 19...	--	--	--	2	2	--	--	<10	<1	2	1
AUG 15...	--	.08	<10	--	4	100	94	--	<1	--	1
SEP 12...	--	--	--	3	2	--	--	<10	<1	1	<1

DATE	CHRO- MIUM, TOTAL RECOV- FRABLE (UG/L AS CR)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CHRO- MIUM, HEXA- VALENT, DIS- SOLVED (UG/L AS CR)	COBALT, TOTAL RECOV- FRABLE (UG/L AS CO)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, TOTAL RECOV- FRABLE (UG/L AS CU)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, TOTAL RECOV- FRABLE (UG/L AS FE)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- FRABLE (UG/L AS PR)	LEAD, DIS- SOLVED (UG/L AS PR)
OCT 07...	10	<1	<1	--	<3	27	8	--	13	12	<1
NOV 15...	20	--	<1	--	--	13	5	--	13	5	1
DEC 11...	20	20	<1	10	<1	27	6	10000	12	15	4
JAN 10...	10	--	<1	--	--	24	14	--	47	16	11
JAN 25...	10	<10	<1	7	<3	15	14	4500	47	21	1
MAR 15...	20	--	<1	--	--	12	4	--	23	11	3
APR 26...	<10	--	<1	--	--	22	4	--	11	19	5
MAY 17...	10	--	<1	--	--	21	5	--	50	7	1
JUN 22...	30	1	<1	4	<3	39	19	--	14	12	4
JUL 19...	20	--	<1	--	--	26	11	--	36	23	2
AUG 15...	--	<1	--	6	<3	--	5	--	10	--	3
SEP 12...	<10	--	<1	--	--	110	7	--	5	34	2

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

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	LITHIUM DTS- SOLVED (UG/L AS LI)	MANGA- NESE, TOTAL RECOV- FRAHLE (UG/L AS MN)	MANGA- NESE, DTS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- FRAHLE (UG/L AS HG)	MERCURY DTS- SOLVED (UG/L AS HG)	MOLYB- DENIUM, DTS- SOLVED (UG/L AS MO)	NICKEL, TOTAL RECOV- FRAHLE (UG/L AS NI)	NICKEL, DTS- SOLVED (UG/L AS NI)	SFLE- NIUM, TOTAL (UG/L AS SF)	SELF- NIUM, DTS- SOLVED (UG/L AS SF)	SILVER, TOTAL RECOV- FRAHLE (UG/L AS AG)
OCT 07...	14	--	7	.1	.1	<10	14	5	<1	<1	--
NOV 15...	--	--	--	<.1	<.1	--	9	<1	<1	<1	--
DEC 11...	--	470	<10	<.1	<.1	--	22	6	<1	<1	1
JAN 10...	--	--	--	.9	.1	--	13	2	<1	<1	--
25...	5	150	7	.5	.4	10	16	1	<1	<1	<1
MAR 15...	--	--	--	.1	.1	--	8	2	<1	<1	--
APR 26...	--	--	--	<.1	<.1	--	9	8	<1	<1	--
MAY 17...	--	--	--	.1	<.1	--	8	1	<1	<1	--
JUN 22...	8	170	3	.2	.2	<10	10	5	<1	<1	2
JUL 19...	--	--	--	.2	.2	--	16	5	<1	<1	--
AUG 15...	21	140	6	--	<.1	<10	--	2	--	<1	<1
SEP 12...	--	--	--	<.1	<.1	--	3	2	1	1	--

DATE	SILVER, DTS- SOLVED (UG/L AS AG)	STRON- TIUM, DTS- SOLVED (UG/L AS SR)	VANA- DIUM, DTS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- FRAHLE (UG/L AS ZN)	ZINC, DTS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CARBON, ORGANIC DTS- SOLVED (MG/L AS C)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV- GRAVI- METRIC (MG/L)
OCT 07...	<1	180	<6	90	13	5.1	--	--	<.01	<1	<1
NOV 15...	--	--	1	130	8	--	--	--	<.01	3	<1
DEC 11...	<1	--	<1	70	11	6.3	--	--	<.01	<1	1
JAN 10...	--	--	<1	50	9	6.0	--	--	<.01	<1	<1
25...	<1	130	<6	30	7	4.7	--	--	<.01	<1	<1
MAR 15...	--	--	1	50	5	--	5.6	3.8	<.01	<1	<1
APR 26...	--	--	3	70	6	5.1	--	--	<.01	<1	<1
MAY 17...	--	--	<1	130	4	5.2	--	--	<.01	<1	<1
JUN 22...	2	140	<6	60	14	6.6	--	--	<.01	1	3
JUL 19...	--	--	1	80	26	4.5	--	--	<.01	<1	5
AUG 15...	<1	220	<6	--	26	6.2	--	--	<.01	<1	2
SEP 12...	--	--	2	30	10	2.8	--	--	<.01	<1	<1

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

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	PCB, TOTAL (UG/L)	NAP- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDO, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)	DI- ELDRIN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)
OCT 07...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01	<.001	<.001
NOV 15...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01	.001	<.001
DEC 11...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	.003	<.001
JAN 10...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
25...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
MAR 15...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
APR 26...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	.001	<.001
MAY 17...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01	.003	<.001
JUN 22...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
JUL 14...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01	<.001	<.001
AUG 15...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
SEP 12...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001

DATE	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)
OCT 07...	<.001	<.01	<.001	.002	<.001	<.01	<.01	<.01	<.01	<.01
NOV 15...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
DEC 11...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JAN 10...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
25...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
MAR 15...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
APR 26...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
MAY 17...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JUN 22...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JUL 19...	<.001	<.01	<.001	<.001	.002	<.01	<.01	<.01	<.01	<.01
AUG 15...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
SEP 12...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	PARATHION, TOTAL (UG/L)	PERMETHATHION, TOTAL (UG/L)	TOXAPHENE, TOTAL (UG/L)	TOTAL THION, (UG/L)	2,4-D, TOTAL (UG/L)	2,4-DP, TOTAL (UG/L)	2,4,5-T, TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	SEDI- MENT, SUS- PENDED (MG/L)	SED. SUSP. SIEVE DIAM. 75 FINE THAN .062 MM
OCT 07...	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	265	96
NOV 15...	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	--	--
DEC 11...	<.01	<.1	<1	<.01	.02	<.01	.01	<.01	581	68
JAN 10...	<.01	<.1	<1	<.01	--	--	--	--	--	--
25...	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	302	51
MAR 15...	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01	--	--
APR 26...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	--	--
MAY 17...	<.01	<.1	<1	<.01	.14	<.01	<.01	<.01	151	59
JUN 22...	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	151	58
JUL 19...	<.01	<.1	<1	<.01	.01	<.01	.01	<.01	281	91
AUG 15...	<.01	<.1	<1	<.01	.01	<.01	.01	<.01	115	90
SEP 12...	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	122	93

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	379	423	408	287	348	390	398	360	299	402	455	477
2	380	423	350	290	349	391	401	361	300	404	455	477
3	392	423	349	290	349	392	343	362	300	404	465	476
4	394	432	350	289	348	---	347	---	301	385	464	476
5	391	456	352	278	349	---	365	---	299	387	454	474
6	392	462	350	279	349	354	364	---	300	386	443	474
7	366	462	352	279	346	354	364	---	320	396	440	475
8	350	461	350	275	346	354	365	---	321	391	436	456
9	392	454	349	275	347	348	366	---	320	391	442	468
10	359	461	349	290	346	351	359	---	322	390	455	462
11	375	463	303	287	345	348	364	---	323	431	456	463
12	357	462	298	279	340	357	355	---	323	432	457	462
13	382	461	299	279	355	348	355	---	323	424	458	482
14	382	467	301	279	357	354	357	---	322	424	460	477
15	383	469	278	279	352	348	357	---	322	422	460	473
16	382	450	278	296	351	351	354	---	322	433	459	478
17	410	450	278	285	327	351	356	---	322	434	477	483
18	411	450	268	284	330	351	339	---	322	423	476	483
19	411	434	268	295	328	354	340	---	316	427	480	483
20	410	432	270	304	345	380	341	---	318	428	479	492
21	448	420	269	275	345	380	341	---	318	427	477	489
22	447	454	270	285	345	383	320	---	---	424	475	488
23	448	455	276	304	343	383	330	---	337	428	476	463
24	444	455	276	335	344	383	324	---	340	435	473	459
25	441	456	276	340	344	383	327	---	341	443	467	458
26	442	456	276	339	344	402	334	---	403	443	472	492
27	437	456	278	345	366	398	360	---	403	449	472	492
28	442	456	278	344	367	398	362	---	403	451	466	489
29	440	411	278	345	---	398	362	---	405	464	477	483
30	441	406	279	344	---	398	361	---	404	465	478	487
31	423	---	279	348	---	398	---	---	---	463	475	---
MAX	448	469	408	348	367	402	401	362	405	465	480	492
MIN	350	406	268	275	327	348	320	360	299	385	436	448

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

MISSISSIPPI RIVER MAIN STEM

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

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	18.0	12.0	10.0	6.0	8.0	10.0	16.0	22.0	28.0	28.0	30.0
2	---	18.0	12.0	8.0	6.0	8.0	9.0	16.0	22.0	28.0	30.0	30.0
3	24.0	18.0	12.0	8.0	6.0	8.0	12.0	16.0	22.0	28.0	30.0	30.0
4	24.0	18.0	12.0	8.0	6.0	---	12.0	---	22.0	29.0	30.0	30.0
5	24.0	18.0	12.0	9.0	6.0	---	12.0	---	22.0	29.0	30.0	30.0
6	24.0	18.0	12.0	9.0	6.0	10.0	12.0	---	22.0	29.0	30.0	30.0
7	24.0	18.0	12.0	9.0	6.0	10.0	12.0	---	22.0	29.0	30.0	30.0
8	24.0	18.0	12.0	9.0	6.0	10.0	12.0	---	22.0	29.0	30.0	29.0
9	24.0	18.0	13.0	9.0	6.0	10.0	12.0	---	22.0	29.0	30.0	29.0
10	24.0	16.0	13.0	8.0	7.0	10.0	12.0	---	23.0	29.0	30.0	29.0
11	24.0	16.0	13.0	8.0	7.0	10.0	12.0	---	23.0	28.0	30.0	29.0
12	24.0	16.0	13.0	8.0	7.0	10.0	10.0	---	23.0	28.0	30.0	29.0
13	24.0	16.0	13.0	8.0	7.0	10.0	10.0	---	23.0	28.0	30.0	29.0
14	24.0	16.0	13.0	8.0	9.0	10.0	10.0	---	23.0	29.0	30.0	29.0
15	24.0	16.0	13.0	8.0	7.0	---	10.0	---	23.0	29.0	30.0	29.0
16	24.0	16.0	13.0	8.0	7.0	---	10.0	---	23.0	29.0	30.0	29.0
17	24.0	16.0	13.0	8.0	6.0	10.0	10.0	---	24.0	29.0	30.0	29.0
18	---	16.0	13.0	8.0	6.0	10.0	14.0	---	24.0	30.0	30.0	29.0
19	---	16.0	13.0	8.0	6.0	10.0	14.0	---	24.0	29.0	30.0	29.0
20	---	16.0	13.0	8.0	9.0	9.0	14.0	---	24.0	29.0	30.0	29.0
21	---	14.0	13.0	8.0	9.0	9.0	14.0	---	24.0	29.0	30.0	29.0
22	---	14.0	13.0	8.0	9.0	9.0	14.0	---	---	29.0	30.0	29.0
23	19.0	14.0	10.0	8.0	9.0	9.0	14.0	---	26.0	29.0	30.0	29.0
24	19.0	14.0	10.0	8.0	9.0	9.0	14.0	---	26.0	32.0	30.0	29.0
25	19.0	14.0	10.0	8.0	10.0	9.0	14.0	---	26.0	31.0	30.0	29.0
26	19.0	14.0	10.0	8.0	10.0	9.0	14.0	---	27.0	31.0	30.0	29.0
27	19.0	14.0	10.0	8.0	8.0	10.0	14.0	---	27.0	28.0	30.0	29.0
28	19.0	14.0	10.0	6.0	8.0	10.0	14.0	---	27.0	28.0	30.0	29.0
29	19.0	12.0	10.0	6.0	---	10.0	14.0	---	27.0	30.0	30.0	29.0
30	19.0	12.0	10.0	6.0	---	10.0	14.0	---	27.0	30.0	30.0	29.0
31	18.0	---	10.0	6.0	---	10.0	---	---	---	30.0	30.0	---
MAX	24.0	18.0	13.0	10.0	10.0	10.0	14.0	16.0	27.0	32.0	30.0	30.0
MIN	18.0	12.0	10.0	6.0	6.0	8.0	9.0	16.0	22.0	28.0	28.0	29.0

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	17	21	13	13	20	21	20	18	16	19	16
2	15	18	20	13	14	18	21	22	15	16	20	19
3	15	17	20	13	13	20	20	21	15	16	22	20
4	16	19	20	13	13	---	20	---	15	15	20	19
5	16	19	20	12	13	---	21	---	15	17	18	22
6	16	20	21	12	12	19	21	---	15	17	20	22
7	14	29	20	12	14	20	22	---	15	17	21	22
8	15	16	20	12	15	20	21	---	14	16	20	19
9	16	21	20	11	15	18	21	---	14	17	20	20
10	15	19	20	12	15	20	21	---	14	17	21	17
11	15	20	15	11	19	26	22	---	14	20	21	18
12	15	19	15	11	15	20	22	---	13	20	21	19
13	16	19	15	11	15	20	23	---	14	19	19	22
14	19	20	15	12	16	23	23	---	15	20	19	22
15	17	20	13	11	17	22	22	---	13	21	22	22
16	19	19	14	12	15	19	22	---	14	22	20	23
17	18	19	14	13	14	19	23	---	14	22	23	19
18	19	20	13	11	15	19	23	---	14	20	23	22
19	17	21	13	11	14	21	23	---	13	21	23	20
20	18	20	12	12	16	20	24	---	13	19	22	22
21	17	21	13	11	19	23	23	---	14	21	23	21
22	17	22	13	11	15	24	19	---	---	19	22	18
23	19	22	12	13	16	24	20	---	14	19	23	18
24	17	23	11	13	16	22	17	---	18	19	19	18
25	19	22	12	12	15	23	20	---	13	20	20	20
26	18	21	12	12	16	21	22	---	15	19	20	21
27	18	22	12	12	16	27	22	---	16	20	19	21
28	18	22	13	12	16	25	21	---	15	19	20	20
29	19	23	13	12	---	23	21	---	16	17	19	21
30	17	19	13	13	---	23	21	---	17	17	20	18
31	17	---	14	12	---	24	---	---	---	21	21	---
MAX	19	29	21	13	19	27	24	22	18	22	23	23
MIN	14	16	11	11	12	18	17	20	13	15	18	16

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SOLIDS. RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
OCT	
01-10	240
11-20	252
21-31	282
NOV	
01-10	287
11-20	289
21-30	288
DEC	
01-10	232
11-20	177
21-31	184
JAN	
01-10	183
11-20	177
21-31	204
FEB	
01-10	206
11-20	198
21-28	217
MAR	
01-10	221
11-20	211
21-31	246
APR	
01-10	234
11-20	222
21-30	220
JUN	
01-10	200
11-20	191
21-30	230
JUL	
01-10	246
11-20	257
21-31	275
AUG	
01-10	266
11-20	269
21-31	280
SEP	
01-10	279
11-20	280
21-30	268

MISSISSIPPI RIVER DELTA

61

07373430 THOMPSON CREEK NEAR NORWOOD, LA

LOCATION.--Lat 30°56'12", long 91°11'31", in SW1/4, sec.70, T.1 S., R.1 W., East Feliciana-West Feliciana Parish line, Hydrologic Unit 08070261, at bridge on dirt road, 3.0 mi upstream from Lost Creek, and 5.0 mi west of Norwood.

DRAINAGE AREA.--41 mi² approximately.

PERIOD OF RECORD.--January 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPF- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- CORAL UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, RIO- CHEM- ICAL, 5 DAY (MG/L)
OCT 18...	1115	85	6.9	21.0	5	2.0	10.2	1.1
JAN 26...	1415	50	6.4	12.0	40	20	10.6	1.3
APR 06...	1215	21	5.3	17.5	80	320	9.3	4.2
JUL 05...	0930	73	6.5	26.5	10	5.0	8.2	.5

DATE	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CaCO3)	CALCIUM DIS- SOLVED (MG/L AS Ca)	MAGNE- SIUM, DIS- SOLVED (MG/L AS Mg)	SODIUM, DIS- SOLVED (MG/L AS Na)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CaCO3)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT 18...	110	200	23	5.1	2.5	8.4	1.6	21	4.0
JAN 26...	1500	3100	11	2.5	1.1	3.9	1.6	9	6.0
APR 06...	K14000	K18000	5	1.2	.5	1.8	1.3	1	3.4
JUL 05...	600	460	18	4.4	1.7	6.4	2.0	15	6.1

DATE	CHLOR- RIDE, DIS- SOLVED (MG/L AS Cl)	FLUOR- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 18...	9.4	<.1	25	72	67	<.1	.1	.03
JAN 26...	5.3	<.1	14	42	40	.2	.2	.05
APR 06...	2.2	<.1	5.5	29	17	.3	.5	.22
JUL 05...	7.6	<.1	22	69	59	<.1	.2	.03

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

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

MISSISSIPPI RIVER DELTA

07373430 THOMPSON CREEK NEAR NORWOOD, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN ROT- TOM MA- TERIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM FM ROT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM ROT- TOM MA- TERIAL (UG/G)	CHRO- MIUM, HEXA- VALENT, DIS- (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PR)	LEAD, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS PR)
OCT 18...	2	<1	<1	<1	<1	<1	2	<1	98	160	4	<10
DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM ROT- TOM MA- TERIAL (UG/G)	MERCURY TOTAL RECOV- FRABLE (UG/L AS HG)	MERCURY FM ROT- TOM MA- TERIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCR, TOTAL (UG/L)	PCR, TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)
OCT 18...	10	57	<.1	<.01	<4	1	<.01	<1	<.1	11	<.1	<1
DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)
OCT 18...	<.01	<.1	<.1	49	<.01	11	<.01	9.2	<.01	.5	<.01	<.1
DATE	DI- FLORIN TOTAL (UG/L)	DI- FLORIN TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATERIAL (UG/KG)
OCT 18...	<.01	1.9	<.01	.6	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
DATE	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL (UG/L)	MALA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)
OCT 18...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
DATE	PARA- THION, TOTAL (UG/L)	PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	PER- THANE TOTAL (UG/L)	PER- THANE TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOX- APHENE, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	TRI- THION, TOTAL (UG/L)	TRI- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2,4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 18...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

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

LOWER MISSISSIPPI RIVER BASIN

63

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA (CE 01170)

LOCATION.--Lat 30°17'00", long 91°13'21", T.9 S., R.12 E., Louisiana meridian, Iberville Parish, Hydrologic Unit 08070100, at west bank ferry landing at Plaquemine, and at mile 208.0.

DRAINAGE AREA.--Not determined.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHUS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	SETTLE- ABLE MATTER (ML/L/ HR)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)
OCT										
06...	1630	420	7.3	23.0	30	55	<1	--	22	.9
NOV										
16...	0900	488	7.4	13.5	20	40	<1	10.1	<10	1.0
DEC										
10...	1300	324	7.5	12.5	70	150	<1	9.2	53	2.0
JAN										
07...	1600	278	7.0	9.0	30	95	<1	11.0	21	1.3
26...	0830	318	7.6	5.0	20	75	<1	12.7	160	1.8
MAR										
16...	1130	359	7.4	11.5	15	60	<1	9.1	<10	1.1
APR										
26...	1715	345	7.1	13.0	5	55	<1	9.3	<10	.8
MAY										
17...	1230	298	7.0	21.0	20	55	<1	7.4	<10	1.0
JUN										
22...	1700	328	7.4	24.0	5	55	<1	5.9	<10	.2
JUL										
20...	1000	440	7.2	30.0	5	100	<1	6.2	23	--
AUG										
16...	0945	476	7.6	30.5	5	25	<1	7.7	280	--
SEP										
13...	1015	499	7.3	29.0	5	9.0	<1	7.2	23	1.0

DATE	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT										
06...	--	1100	160	41	13	116	48	17	24	1.1
NOV										
16...	--	2000	180	45	16	136	60	24	18	1.7
DEC										
10...	1400	420	120	33	10	85	36	24	493	1.4
JAN										
07...	4600	280	110	29	8.3	77	31	12	176	1.4
26...	5800	1300	140	37	12	95	35	13	205	1.9
MAR										
16...	1800	520	130	35	11	102	41	18	162	2.0
APR										
26...	2600	K180	140	38	11	92	43	20	60	2.2
MAY										
17...	1700	400	110	31	9.0	83	30	10	102	1.6
JUN										
22...	1300	210	140	38	11	97	36	13	88	1.5
JUL										
20...	4600	1000	170	45	14	125	51	24	265	2.3
AUG										
16...	2100	420	190	51	16	143	60	21	60	1.5
SEP										
13...	7700	2800	180	46	16	135	69	26	37	.6

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

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA (CE 01170)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	NITRO- GEN+AM- MONIA + ORGANIC DIS. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)	CHRO- MIUM, HEXA- VALENT, DIS. (UG/L AS CR)
OCT 06...	--	.16	4	3	<10	<1	3	2	10	<1
NOV 16...	.6	.21	6	3	<10	<1	1	2	10	<1
DEC 10...	.7	.27	2	1	<10	<1	2	<1	20	<1
JAN 07...	.5	.14	3	2	<10	<1	2	<1	10	<1
26...	.6	.29	2	2	<10	1	3	1	10	--
MAR 16...	.5	.20	2	1	<10	<1	7	1	10	<1
APR 26...	.6	.12	2	1	<10	<1	1	<1	20	<1
MAY 17...	.9	.13	2	1	<10	<1	1	<1	20	<1
JUN 22...	.7	.10	2	1	<10	<1	1	<1	20	<1
JUL 20...	.6	.16	3	2	<10	<1	2	1	20	<1
AUG 16...	.7	.13	3	3	<10	<1	2	1	10	<1
SEP 13...	.8	.08	3	3	<10	<1	<1	<1	10	<1

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	LEAD, DIS- SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)
OCT 06...	26	9	10	10	<1	.1	<.1	13	4
NOV 16...	19	15	75	15	9	<.1	<.1	10	<1
DEC 10...	21	5	12	19	5	<.1	<.1	26	3
JAN 07...	17	10	43	16	5	.1	<.1	16	3
26...	20	12	100	43	1	.2	--	19	5
MAR 16...	14	8	42	6	2	<.1	<.1	8	2
APR 26...	25	4	14	20	4	<.1	<.1	9	6
MAY 17...	20	17	35	14	1	.1	.1	9	2
JUN 22...	19	11	12	13	2	<.1	<.1	7	3
JUL 20...	35	11	14	30	2	.2	.3	17	7
AUG 16...	16	8	4	8	3	.2	.2	7	1
SEP 13...	11	5	6	8	1	<.1	<.1	4	2

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

LOWER MISSISSIPPI RIVER BASIN

65

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA (CE 01170)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SELE- NIUM, TOTAL (UG/L AS SE)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	ZINC, DIS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L)
OCT 06...	<1	<1	3	50	11	--	<.01	<1	<1
NOV 16...	<1	<1	2	110	83	7.2	<.01	3	<1
DEC 10...	<1	<1	<1	90	8	5.2	<.01	<1	<1
JAN 07...	<1	<1	<1	50	10	11	<.01	<1	<1
26...	<1	--	<1	40	4	5.4	<.01	1	<1
MAR 16...	<1	<1	1	40	5	4.5	<.01	<1	<1
APR 26...	1	<1	<1	30	8	4.6	<.01	<1	2
MAY 17...	<1	<1	<1	150	21	5.6	<.01	2	--
JUN 22...	<1	<1	<1	50	15	6.5	<.01	<1	<1
JUL 20...	<1	<1	1	70	16	5.5	<.01	<1	6
AUG 16...	1	<1	2	90	9	5.0	<.01	<1	1
SEP 13...	1	1	1	30	5	3.6	<.01	<1	<1

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA (CE 01222)

LOCATION.--Lat 30°05'52", long 90°54'45", T.11 S., R.15 E., St. James Parish, Hydrologic Unit 08070100, near center of span on downstream side of Sunshine Bridge on State Highway 3089, 0.7 mi northwest of Union, and at mile 167.5.

DRAINAGE AREA.--Not determined.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SETTLABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
OCT 06...	1400	450	7.7	23.0	20	30	<1	--	29	.4
NOV 16...	1000	480	7.5	14.0	20	40	<1	10.0	<10	1.2
DEC 09...	1000	373	7.2	12.5	30	130	<1	10.0	42	1.2
JAN 07...	1345	282	7.2	8.5	30	90	<1	10.3	26	1.2
JAN 26...	1400	318	7.2	5.0	15	70	<1	12.2	31	2.0
MAR 17...	1000	362	7.2	11.0	5	60	<1	9.6	46	2.4
APR 27...	1030	348	7.1	13.0	10	55	<1	8.8	<10	.5
MAY 18...	1130	297	7.1	21.0	30	60	<1	7.4	<10	1.0
JUN 23...	1100	326	7.4	24.5	5	50	<1	5.8	<10	.5
JUL 20...	1230	442	7.2	30.0	10	110	<1	6.2	42	--
AUG 16...	1245	476	7.5	31.0	5	20	<1	8.0	290	.0
SEP 13...	1300	495	7.2	29.0	5	7.0	<1	7.6	36	1.0

DATE	TIME	COLIFORM, TOTAL, IMMEDIATE (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	HARDNESS AS CaCO3 (MG/L)	CALCIUM DISSOLVED (MG/L AS Ca)	MAGNESIUM, DISSOLVED (MG/L AS Mg)	ALKALINITY, FIELD (MG/L AS CaCO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS Cl)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 06...	1600	450	160	42	13	117	57	21	46	1.0	
NOV 16...	--	K350	180	45	16	136	57	21	18	1.6	
DEC 09...	1600	430	150	39	13	91	58	29	194	1.8	
JAN 07...	4000	540	110	29	8.5	76	31	11	206	1.5	
JAN 26...	4500	1100	130	35	10	96	36	15	178	1.9	
MAR 17...	1200	230	140	38	9.8	96	43	20	<1	.2	
APR 27...	3800	K200	130	37	9.4	90	43	21	24	2.2	
MAY 18...	2400	460	120	32	9.1	81	32	13	80	1.5	
JUN 23...	K1400	470	140	37	11	98	37	13	104	1.5	
JUL 20...	2400	370	170	45	14	125	51	25	323	2.3	
AUG 16...	480	160	190	50	16	139	57	23	44	1.6	
SEP 13...	K830	470	180	47	16	134	68	28	18	.6	

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

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

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA (CE 01222)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	NITRO- GEN,AM- MONIA + ORGANIC DIS, (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)	CHRO- MIUM, HEXA- VALENT, DIS, (UG/L AS CR)
OCT 06...	--	.17	3	2	<10	<1	3	3	10	<1
NOV 16...	.7	.22	3	2	<10	<1	<1	<1	20	<1
DEC 09...	.6	.20	2	1	<10	<1	3	<1	20	6
JAN 07...	.5	.20	2	1	<10	<1	2	<1	10	<1
NOV 26...	.7	.36	2	1	10	<1	4	2	10	<1
MAR 17...	<.1	.05	3	1	<10	<1	1	<1	<10	<1
APR 27...	.7	.11	2	2	<10	<1	1	<1	20	<1
MAY 18...	.6	.11	2	1	<10	<1	1	<1	20	<1
JUN 23...	.5	.11	2	1	<10	<1	2	<1	10	<1
JUL 20...	.9	.23	3	2	<10	1	1	1	20	<1
AUG 16...	.8	.12	3	2	<10	<1	2	<1	10	<1
SEP 13...	.9	.20	2	2	<10	<1	1	<1	10	<1

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	LEAD, DIS- SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)
OCT 06...	14	10	4	6	<1	.2	<.1	8	3
NOV 16...	10	7	7	7	2	<.1	<.1	8	<1
DEC 09...	24	1	150	20	2	<.1	<.1	22	3
JAN 07...	20	9	42	16	5	.1	<.1	10	4
NOV 26...	23	13	33	39	2	1.9	.4	20	6
MAR 17...	--	18	26	9	3	.2	.1	8	3
APR 27...	9	2	13	18	3	<.1	<.1	6	6
MAY 18...	12	9	42	13	1	.1	.1	9	1
JUN 23...	17	8	21	60	2	.1	.1	9	2
JUL 20...	24	9	11	16	1	.2	.1	16	5
AUG 16...	17	6	29	7	2	<.1	.3	7	2
SEP 13...	12	8	6	36	1	<.1	<.1	1	1

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA (CE 01222)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SELF- NIUM, TOTAL (UG/L AS SF)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	ZINC, DIS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L)
OCT									
06...	<1	<1	2	40	10	--	<.01	<1	<1
NOV									
16...	<1	<1	2	90	14	7.6	<.01	<1	1
DEC									
09...	<1	<1	<1	60	<4	6.2	<.01	<1	<1
JAN									
07...	<1	<1	<1	60	16	6.4	<.01	<1	1
26...	<1	<1	<1	50	8	6.7	<.01	1	<1
MAR									
17...	<1	<1	<1	60	6	12	<.01	<1	2
APR									
27...	<1	<1	<1	60	<3	5.0	<.01	<1	3
MAY									
18...	<1	<1	<1	60	6	5.8	<.01	<1	1
JUN									
23...	<1	<1	<1	50	17	6.3	<.01	<1	6
JUL									
20...	<1	<1	1	120	5	5.2	<.01	<1	5
AUG									
16...	1	<1	2	70	9	4.8	<.01	<1	6
SEP									
13...	1	1	2	100	9	1.6	<.01	1	<1

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

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)

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

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

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1957 to September 1972, October 1974 to September 1975, October 1976 to current year.

WATER TEMPERATURES: October 1957 to September 1972, October 1977 to current year.

CHLORIDE: October 1974 to September 1975, October 1976 to current year.

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

DISSOLVED SOLIDS: October 1978 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 636 micromhos Oct. 12, 1959; minimum daily, 219 micromhos Mar. 27, 28, 30, 1964.

WATER TEMPERATURES: Maximum daily, 32.5°C July 10, 16, 17, 1980; minimum daily, 3.0°C Jan. 12, 1962.

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

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

DISSOLVED SOLIDS: Maximum, 339 mg/L Nov. 21-30, 1978; minimum, 152 mg/L Dec. 21-31, 1978.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 522 micromhos Aug. 15, 22; minimum daily, 293 micromhos Dec. 20.

WATER TEMPERATURES: Maximum daily, 31.0°C July 26, Aug. 10; minimum daily, 5.0°C Jan. 24, 25.

CHLORIDE: Maximum daily, 34 mg/L Oct. 21, Sept. 21; minimum daily, 11 mg/L June 12.

DISSOLVED SOLIDS: Maximum, 306 mg/L Sept. 21-30; minimum, 172 mg/L June 1-10.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	SETTLE- ABLE MATTER (ML/L/ HR)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)
OCT										
06...	1100	430	7.5	23.0	20	25	<1	--	<10	.1
NOV										
16...	1230	510	7.7	15.0	15	35	<1	9.7	<10	1.3
DEC										
08...	1315	347	7.4	13.0	60	130	<1	9.5	31	1.7
JAN										
06...	1500	294	7.1	9.0	30	110	<1	10.5	24	--
27...	0900	324	7.7	5.0	15	75	<1	12.7	11	2.5
MAR										
17...	1500	370	7.4	11.0	5	65	<1	10.4	<10	2.1
APR										
27...	1430	348	7.1	14.0	5	60	<1	8.7	15	1.2
MAY										
18...	1530	301	7.1	21.0	30	65	<1	7.2	<10	1.0
JUN										
23...	1400	326	7.3	24.5	5	50	<1	5.9	<10	.9
JUL										
20...	1530	448	7.3	30.0	10	90	<1	6.0	49	--
AUG										
16...	1515	494	7.5	31.0	5	15	<1	7.6	32	1.9
SEP										
13...	1545	509	7.1	29.5	5	5.0	<1	7.3	130	1.3

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 06...	230	K90	150	42	12	103	55	22	28	.9
NOV 16...	3100	280	170	45	15	139	63	26	12	1.4
DEC 08...	2800	700	140	36	12	99	38	23	464	1.9
JAN 06...	2800	K280	110	30	8.8	78	35	14	278	1.5
27...	12000	1300	130	35	11	99	35	17	288	1.8
MAR 17...	1900	260	130	37	9.7	103	42	19	108	2.1
APR 27...	650	K65	140	39	11	94	44	21	161	2.2
MAY 18...	6000	220	120	32	9.0	83	32	12	122	1.6
JUN 23...	K240	210	130	36	10	100	37	13	120	1.5
JUL 20...	1000	170	170	46	14	126	52	26	297	2.3
AUG 16...	K260	K90	200	52	16	138	61	27	35	1.6
SEP 13...	K9200	1500	190	49	16	129	73	30	16	.7

DATE	NITRO- GEN+AM- MONIA + ORGANIC DIS. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)	CHRO- MIUM, HEXA- VALENT, DIS. (UG/L AS CR)
OCT 06...	--	.23	3	3	<10	<1	--	4	10	<1
NOV 16...	.8	.26	3	3	<10	<1	<1	1	10	<1
DEC 08...	.5	.55	2	1	<10	<1	1	<1	20	<1
JAN 06...	.2	.28	3	2	<10	<1	4	<1	20	<1
27...	.6	.31	4	2	<10	<1	1	<1	10	<1
MAR 17...	.7	.49	3	1	<10	<1	2	1	<10	<1
APR 27...	.7	.16	2	1	<10	<1	1	<1	20	<1
MAY 18...	2.6	.24	2	1	<10	<1	1	<1	20	<1
JUN 23...	.7	.11	3	1	<10	<1	8	<1	30	<1
JUL 20...	.6	.17	3	1	<10	<1	1	1	10	<1
AUG 16...	1.0	.25	3	2	10	<1	2	<1	10	<1
SEP 13...	.6	.35	6	2	<10	<1	<1	<1	10	<1

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

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

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	LEAD, DIS- SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, TOTAL (UG/L AS SE)
OCT 06...	16	11	12	10	1	1.0	<.1	9	4	<1
NOV 16...	14	5	<3	6	1	.2	<.1	8	<1	<1
DEC 08...	19	7	13	11	5	<.1	<.1	24	5	<1
JAN 06...	25	10	20	31	8	.1	<.1	22	4	1
27...	24	11	30	39	3	1.2	.2	19	2	<1
MAR 17...	--	15	29	9	3	.1	<.1	6	2	1
APR 27...	16	3	21	18	4	.4	.2	4	4	<1
MAY 18...	17	8	320	13	1	.1	.1	10	2	<1
JUN 23...	110	8	33	19	3	.1	.1	13	3	<1
JUL 20...	18	7	24	16	1	.2	<.1	11	6	<1
AUG 16...	15	6	6	6	2	<.1	.1	8	1	1
SEP 13...	8	3	4	17	6	<.1	<.1	2	2	1

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	ZINC, DIS- SOLVED (UG/L AS ZN)	TRITIUM IN WATER MOLE- CULES (TU)	TRITIUM WATER MOLE- CULES COUNT ERROR (TU)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L)
OCT 06...	<1	2	40	6	34.4	1.5	--	<.01	2	1
NOV 16...	<1	1	60	7	41.5	1.7	5.5	<.01	2	4
DEC 08...	<1	<1	70	7	29.5	1.4	7.9	<.01	3	<1
JAN 06...	<1	<1	90	15	23.5	1.3	6.4	<.01	<1	<1
27...	<1	<1	50	8	25.3	1.3	5.4	<.01	<1	<1
MAR 17...	<1	1	50	7	25.2	1.2	6.1	<.01	<1	<1
APR 27...	<1	<1	100	<3	27.7	1.0	4.5	<.01	<1	2
MAY 18...	<1	<1	40	7	23.8	1.1	5.5	<.01	2	--
JUN 23...	<1	<1	280	16	26.7	1.3	6.3	<.01	6	1
JUL 20...	<1	2	50	13	34.1	1.4	6.1	<.01	4	<1
AUG 16...	<1	3	60	11	34.6	1.5	4.5	<.01	<1	1
SEP 13...	1	1	20	5	38.6	1.6	3.8	<.01	<1	<1

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	418	462	372	315	342	365	421	344	313	424	482	482
2	418	466	372	317	331	366	420	345	312	422	489	483
3	418	455	370	312	348	391	421	345	311	422	484	483
4	419	457	369	314	347	368	420	348	306	426	486	483
5	419	459	373	317	346	368	399	350	312	423	486	483
6	418	459	372	315	347	368	399	309	306	425	482	502
7	424	458	372	320	358	376	407	309	313	477	473	502
8	422	459	359	315	363	374	399	310	313	477	470	501
9	421	487	359	312	363	373	398	345	317	478	474	501
10	420	---	355	317	365	379	400	308	317	475	473	502
11	422	488	357	317	372	366	398	309	316	478	477	502
12	422	484	358	325	367	366	351	312	316	480	474	502
13	421	374	312	300	362	366	351	309	318	453	477	502
14	420	372	314	294	362	366	351	310	372	452	500	502
15	423	374	315	326	364	366	350	310	424	453	522	501
16	423	373	313	350	362	366	350	345	426	467	520	501
17	423	377	---	350	374	367	351	312	372	474	518	500
18	474	375	312	349	363	368	351	312	373	477	517	502
19	469	375	332	350	367	368	362	314	---	477	517	502
20	477	374	293	350	367	419	359	314	424	454	515	503
21	470	374	294	351	368	420	401	314	373	452	519	502
22	476	375	294	350	366	403	351	311	373	454	522	502
23	478	374	296	350	367	420	350	306	424	476	512	502
24	477	372	295	352	369	422	350	307	423	448	517	501
25	475	377	294	313	366	402	351	310	372	477	518	518
26	470	374	294	328	366	421	352	309	429	478	514	518
27	468	373	295	330	365	421	352	310	424	480	514	518
28	475	382	295	329	367	421	355	309	380	481	517	517
29	468	375	295	332	---	421	353	312	422	476	514	518
30	475	379	295	330	---	421	353	311	371	487	517	517
31	468	---	295	349	---	420	---	310	---	---	515	---
MAX	478	488	373	352	374	422	421	350	429	487	522	518
MIN	418	372	293	294	331	365	350	306	306	422	470	482

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	19.5	15.0	9.0	7.5	9.5	12.5	18.0	23.5	---	28.5	29.0
2	24.5	19.0	15.5	9.0	7.0	10.5	13.0	19.0	24.5	---	29.0	29.5
3	26.0	18.0	14.5	9.5	7.5	10.5	13.5	18.5	24.0	---	30.0	28.5
4	24.5	18.5	13.5	9.5	6.5	10.0	12.5	19.5	22.5	---	---	28.0
5	25.5	19.0	15.5	9.5	6.5	11.5	13.0	19.5	24.5	---	29.5	28.5
6	25.5	19.0	15.0	9.0	7.0	11.0	13.0	20.0	23.0	---	29.0	29.0
7	21.0	19.5	13.5	8.5	7.5	11.5	12.5	20.0	23.5	28.5	28.5	27.5
8	21.5	18.5	13.5	9.0	6.5	12.5	13.5	20.5	24.0	28.5	29.0	27.5
9	22.5	---	14.0	9.0	7.0	11.5	13.5	18.0	29.0	28.0	29.0	27.5
10	21.5	---	15.5	9.5	7.5	12.0	14.0	21.0	28.0	28.5	31.0	29.0
11	22.0	---	14.5	9.5	6.5	12.5	14.5	21.5	28.5	29.0	30.5	28.5
12	21.5	---	14.0	9.0	7.5	10.5	13.5	21.5	28.5	29.0	30.5	29.5
13	23.0	14.5	---	9.5	7.0	11.0	12.0	19.5	29.0	29.5	30.0	27.5
14	22.5	16.0	19.0	9.0	8.5	10.5	12.5	21.5	27.5	29.0	29.5	28.0
15	21.5	16.5	18.0	9.0	8.0	12.0	13.5	19.5	27.0	28.5	30.0	29.5
16	23.0	15.5	---	7.5	8.0	12.0	12.0	22.0	27.5	29.0	30.0	28.0
17	23.0	14.0	---	8.5	9.5	13.0	12.5	21.0	28.0	28.5	28.5	27.5
18	21.5	15.5	---	6.5	8.5	13.5	13.5	20.5	27.5	29.0	29.0	28.0
19	22.0	16.0	---	5.5	9.5	13.0	13.5	21.5	---	29.5	28.5	28.5
20	21.5	15.5	12.5	7.0	10.0	12.5	14.0	20.0	27.5	29.5	---	28.0
21	19.5	15.5	12.0	6.0	10.0	13.0	14.0	---	28.0	29.5	30.5	26.5
22	19.5	15.5	12.5	6.5	9.5	13.5	14.0	21.5	27.0	30.0	29.5	27.0
23	19.5	16.0	12.0	5.5	9.5	12.5	13.5	22.5	27.5	30.0	30.0	27.0
24	19.5	14.5	12.5	5.0	9.5	13.0	14.0	22.0	27.0	29.5	28.0	28.5
25	19.0	17.5	12.0	5.0	9.0	14.0	14.0	21.5	28.0	30.0	28.5	27.5
26	21.0	16.0	12.5	7.0	9.5	14.5	14.5	23.0	27.5	31.0	28.0	22.5
27	21.5	15.5	11.5	7.0	10.0	13.5	15.0	22.5	28.0	30.5	29.0	23.5
28	19.0	16.0	12.5	7.5	10.5	14.0	16.5	23.5	28.0	30.0	29.0	23.0
29	22.0	15.0	12.0	6.5	---	13.5	17.0	23.0	28.0	29.5	27.5	22.5
30	18.5	14.0	11.0	8.0	---	14.5	17.5	21.5	28.0	29.5	28.0	23.5
31	20.5	---	11.0	7.5	---	13.5	---	22.0	---	---	28.5	---
MAX	26.0	19.5	19.0	9.5	10.5	14.5	17.5	23.5	29.0	31.0	31.0	29.5
MIN	18.5	14.0	11.0	5.0	6.5	9.5	12.0	18.0	22.5	28.0	27.5	22.5

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	23	27	15	17	22	26	19	15	20	27	31
2	22	26	28	17	17	22	28	17	17	20	26	30
3	22	27	28	15	17	23	29	19	15	20	28	29
4	22	25	26	15	19	24	25	19	14	20	26	30
5	23	23	27	16	17	23	26	19	15	20	25	29
6	22	25	28	16	19	22	27	14	15	21	27	32
7	25	27	27	17	21	21	25	14	16	21	26	31
8	25	27	25	15	26	23	26	17	15	25	25	33
9	25	27	25	16	22	21	27	20	15	24	26	32
10	23	---	25	15	21	23	27	13	15	24	25	31
11	25	28	26	16	22	23	27	16	15	25	26	32
12	24	29	26	15	23	23	27	14	11	27	25	31
13	23	26	17	17	24	23	30	14	15	23	25	31
14	25	27	17	16	20	22	27	14	18	22	29	32
15	27	28	17	17	21	22	27	14	21	24	33	31
16	28	26	17	18	21	21	28	18	20	25	32	30
17	25	27	16	17	20	22	20	14	17	25	31	31
18	31	33	16	17	20	22	27	14	17	25	31	31
19	28	30	16	15	21	23	22	14	---	25	32	30
20	29	28	17	17	23	26	26	14	19	22	32	31
21	34	28	16	18	21	25	29	15	18	22	32	34
22	27	29	17	18	23	24	28	14	17	23	32	30
23	29	31	15	17	21	26	19	13	19	24	33	---
24	29	32	16	19	22	25	26	14	20	22	30	31
25	26	29	16	16	23	23	19	14	17	25	31	33
26	29	28	16	16	24	26	18	14	19	25	---	31
27	29	28	15	17	23	24	21	14	20	25	29	30
28	29	27	16	16	24	26	21	13	17	26	31	30
29	28	29	16	18	---	25	18	13	20	25	31	30
30	27	30	17	19	---	26	19	13	18	28	31	31
31	28	---	17	20	---	28	---	14	---	---	29	---
MAX	34	33	28	20	26	28	30	20	21	28	33	34
MIN	21	23	15	15	17	21	18	13	11	20	25	29

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
OCT	
01-10	256
11-20	264
21-31	290
NOV	
01-10	276
11-20	250
21-30	232
DEC	
01-10	219
11-20	200
21-31	189
JAN	
01-10	192
11-20	201
21-31	196
FEB	
01-10	218
11-20	224
21-28	221
MAR	
01-10	223
11-20	231
21-31	261
APR	
01-10	235
11-20	208
21-30	209
MAY	
01-10	193
11-20	183
21-31	174
JUN	
01-10	172
11-20	210
21-30	230
JUL	
01-10	265
11-20	260
21-30	282
AUG	
01-10	282
11-20	297
21-31	300
SEP	
01-10	280
11-20	302
21-30	306

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA

LOCATION.--Lat 29°57'03", long 90°08'17", Jefferson-Orleans Parish line, Hydrologic Unit 08090100, at Carrollton Street Municipal Water Plant intakes and at mile 103.8

DRAINAGE AREA.--1,125,900 mi² arbitrarily determined.

PERIOD OF RECORD.--Water years 1905-06, 1951-52, 1954-55, 1967 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1954 to September 1955, October 1968 to current year.

pH: October 1976 to current year.

WATER TEMPERATURES: August 1954 to September 1955, November 1970 to current year.

DISSOLVED OXYGEN: October 1968 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1968.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 630 micromhos Sept. 20, 1969; minimum, 200 micromhos May 1, 1975.

pH: Maximum, 8.0 units Aug. 22, 1983; minimum, 6.8 units Apr. 9, May 1-5, 1980.

WATER TEMPERATURES: Maximum, 32.5°C July 14-22, 1980; minimum, 1.5°C Feb. 6-14, 1978.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L Feb. 23, 24, 1976, Jan. 27-29, 1982; minimum, 3.8 mg/L July 23, Aug. 1, 1969, Aug. 26, 1977.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A pH of 8.2 units was observed Apr. 8, May 13, 1976.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 558 micromhos Sept. 26; minimum, 262 micromhos Jan. 10.

pH: Maximum, 8.0 units Aug. 22; minimum, 6.9 units May 12-20, 29-31, June 1-10.

WATER TEMPERATURES: Maximum, 31.5°C Aug. 25-31, Sept. 1-4; minimum, 5.5°C Jan. 24-31.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 05...	1530	435	7.4	23.5	20	25	8.7	.6	350
JAN 06...	1315	278	7.1	11.0	30	85	10.5	2.2	420
APR 28...	0800	354	7.3	13.5	10	50	9.3	1.3	120
JUL 21...	1030	446	7.6	31.0	5	40	6.5	.8	K350

DATE	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT 05...	490	150	41	12	23	3.5	108	53
JAN 06...	2200	110	30	8.9	12	2.8	80	33
APR 28...	1100	140	38	11	16	2.8	94	44
JUL 21...	1000	180	47	14	21	3.4	129	52

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 05...	25	.5	5.6	252	229	.8	.8	.32
JAN 06...	15	.2	7.0	163	157	1.5	.8	.40
APR 28...	21	.3	7.2	240	196	2.2	.7	.18
JUL 21...	25	.4	7.4	307	245	2.3	.4	.17

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

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CHRO- MIUM, HEXA- VALENT, DIS- (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 05...	2	1	2	<1	2	<1	8	15	10	9500	2
DATE	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT 05...	20	3	630	<.1	<.01	11	35	7.6	<.01	<1	<.1
DATE	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT 05...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	.4	<.01	<.1
DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	
OCT 05...	<.01	<.1	.01	<.1	<.01	.3	<.01	<.1	<.01	<.1	
DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, EPOXIDE TOTAL IN BOT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, EPOXIDE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	
OCT 05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	
OCT 05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	PER- THANE TOTAL (UG/L)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2,4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	
OCT 05...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01	

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

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	392	379	488	477	496	480	283	274	337	329	357	344
2	400	392	482	472	493	462	290	274	339	331	376	355
3	405	399	474	469	462	441	287	281	340	321	395	377
4	420	406	---	---	440	431	287	276	348	330	394	390
5	428	417	468	458	436	425	284	273	345	332	391	385
6	431	419	474	464	423	406	285	276	350	343	394	387
7	437	423	481	473	416	377	284	269	351	344	390	380
8	456	440	475	464	400	380	274	266	348	342	385	371
9	463	451	476	461	424	402	273	264	350	336	369	364
10	456	445	485	472	429	412	272	262	344	334	369	363
11	446	435	494	479	410	369	274	264	347	342	377	365
12	443	427	527	496	370	359	278	268	353	346	378	370
13	434	425	521	504	363	350	278	271	355	344	372	366
14	443	431	514	506	354	337	---	---	353	346	368	356
15	447	424	512	494	---	---	---	---	363	352	364	357
16	---	---	516	499	---	---	---	---	365	354	366	359
17	---	---	519	505	---	---	284	277	363	353	368	359
18	---	---	505	492	---	---	283	279	---	---	369	361
19	---	---	504	498	---	---	285	281	352	339	367	361
20	---	---	502	495	---	---	289	280	344	336	364	359
21	---	---	504	480	---	---	293	284	341	336	363	359
22	300	289	486	474	---	---	296	287	344	335	369	363
23	303	296	476	468	---	---	299	293	352	343	374	368
24	315	304	477	467	---	---	302	295	348	342	374	368
25	310	308	477	458	---	---	301	293	344	340	383	370
26	---	---	481	462	---	---	309	299	343	340	385	381
27	---	---	487	476	---	---	318	310	347	339	387	380
28	486	483	492	479	---	---	324	317	348	344	382	377
29	486	476	500	481	289	279	330	321	---	---	389	378
30	490	475	494	488	288	281	336	330	---	---	395	383
31	492	474	---	---	289	277	337	331	---	---	402	394
MONTH	---	---	527	458	---	---	337	262	365	321	402	344
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	411	399	369	366	304	303	393	384	485	476	519	512
2	417	412	369	364	305	302	410	393	493	478	527	513
3	416	412	370	365	307	302	422	412	489	482	528	522
4	412	406	371	364	309	304	430	422	493	481	524	516
5	407	403	369	366	309	305	434	421	488	481	520	516
6	404	385	370	365	309	304	428	421	491	477	526	514
7	385	360	371	365	310	304	423	418	488	485	517	513
8	366	342	372	366	312	306	426	421	485	481	520	513
9	363	348	373	368	310	305	428	424	483	470	518	507
10	369	360	370	365	310	304	433	425	473	466	518	511
11	386	369	367	356	312	305	439	430	476	467	519	512
12	392	386	360	348	313	308	432	425	470	467	521	511
13	396	390	350	340	317	313	447	426	478	464	521	507
14	396	390	341	333	319	316	456	446	481	470	511	498
15	395	384	333	323	324	319	464	458	504	481	516	498
16	385	361	323	315	328	325	463	456	503	496	526	508
17	358	339	316	307	329	327	455	451	496	487	509	502
18	343	335	314	303	332	330	455	452	491	478	511	496
19	346	339	306	296	332	328	457	451	490	479	506	500
20	344	341	306	304	334	331	457	448	513	498	515	505
21	346	343	309	305	332	330	463	456	515	505	525	516
22	344	340	308	306	332	330	464	458	506	504	524	513
23	347	342	306	303	333	331	470	456	508	505	525	510
24	350	345	308	298	337	331	458	455	506	491	539	518
25	355	350	307	296	345	338	462	455	514	496	556	534
26	355	353	305	295	347	341	460	453	525	514	558	545
27	357	354	306	304	357	347	463	453	518	503	549	542
28	365	356	307	306	361	355	469	462	516	497	543	526
29	366	362	307	305	375	363	471	461	524	510	536	516
30	368	366	307	303	377	376	474	468	536	524	519	513
31	---	---	308	304	---	---	481	473	528	514	---	---
MONTH	417	335	373	295	377	302	481	384	536	464	558	496

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

PH (STANDARD UNITS), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH		
1	7.4	7.2	7.4	7.3	7.4	7.4	7.1	7.0	7.4	7.4	7.4	7.3
2	7.2	7.2	7.3	7.3	7.4	7.4	7.1	7.0	7.4	7.3	7.4	7.3
3	7.3	7.1	7.3	7.3	7.4	7.4	7.1	7.0	7.3	7.3	7.4	7.4
4	7.3	7.3	7.3	7.3	7.4	7.3	7.1	7.0	7.3	7.2	7.5	7.4
5	7.3	7.3	7.4	7.3	7.3	7.2	7.1	7.0	7.4	7.2	7.5	7.4
6	7.3	7.3	7.4	7.3	7.2	7.1	7.2	7.1	7.4	7.3	7.4	7.4
7	7.3	7.3	7.4	7.3	7.2	7.1	7.2	7.1	7.4	7.3	7.4	7.4
8	7.3	7.2	7.4	7.4	7.2	7.1	7.1	7.1	7.4	7.3	7.4	7.3
9	7.3	7.2	7.4	7.4	7.2	7.2	7.2	7.1	7.4	7.4	7.3	7.3
10	7.3	7.2	7.4	7.4	7.2	7.1	7.2	7.1	7.4	7.4	7.3	7.3
11	7.3	7.2	7.4	7.4	7.1	7.1	7.2	7.1	7.4	7.3	7.3	7.3
12	7.3	7.2	7.5	7.4	7.1	7.1	7.1	7.1	7.4	7.3	7.3	7.3
13	7.3	7.2	7.5	7.4	7.2	7.1	7.1	7.1	7.4	7.3	7.3	7.3
14	7.3	7.3	7.5	7.4	7.2	7.2	---	---	7.4	7.3	7.3	7.3
15	7.3	7.2	7.4	7.4	---	---	---	---	7.4	7.3	7.3	7.3
16	7.2	7.2	7.4	7.4	---	---	---	---	7.4	7.4	7.3	7.3
17	7.2	7.2	7.4	7.4	---	---	7.2	7.1	7.4	7.3	7.3	7.3
18	7.2	7.2	7.5	7.4	---	---	7.1	7.1	7.4	7.3	7.3	7.3
19	7.2	7.2	7.5	7.3	---	---	7.1	7.1	7.4	7.3	7.3	7.3
20	7.2	7.2	7.4	7.4	---	---	7.2	7.1	7.4	7.3	7.3	7.3
21	7.3	7.2	7.4	7.3	---	---	7.2	7.1	7.4	7.4	7.3	7.3
22	7.2	7.2	7.4	7.3	---	---	7.2	7.1	7.4	7.3	7.4	7.3
23	7.3	7.2	7.4	7.3	---	---	7.2	7.1	7.4	7.3	7.3	7.3
24	7.3	7.2	7.4	7.3	---	---	7.3	7.1	7.4	7.3	7.3	7.3
25	7.3	7.2	7.4	7.3	---	---	7.3	7.2	7.4	7.3	7.4	7.3
26	7.3	7.3	7.4	7.3	---	---	7.3	7.2	7.3	7.3	7.4	7.3
27	7.3	7.3	7.4	7.4	---	---	7.2	7.2	7.3	7.3	7.4	7.3
28	7.3	7.3	7.4	7.4	---	---	7.3	7.1	7.3	7.3	7.4	7.3
29	7.3	7.3	7.4	7.4	7.0	7.0	7.4	7.2	---	---	7.4	7.3
30	7.4	7.3	7.4	7.4	7.1	7.0	7.4	7.3	---	---	7.3	7.3
31	7.4	7.4	---	---	7.0	7.0	7.4	7.4	---	---	7.4	7.3
MONTH	7.4	7.1	7.5	7.3	---	---	7.4	7.0	7.4	7.2	7.5	7.3
APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		
1	7.4	7.4	7.1	7.1	6.9	6.9	7.3	7.3	7.6	7.5	7.7	7.7
2	7.4	7.4	7.1	7.1	6.9	6.9	7.4	7.3	7.6	7.6	7.7	7.7
3	7.5	7.4	7.1	7.1	6.9	6.9	7.4	7.4	7.6	7.6	7.8	7.7
4	7.5	7.4	7.1	7.0	6.9	6.9	7.4	7.4	7.7	7.6	7.7	7.7
5	7.5	7.4	7.1	7.0	6.9	6.9	7.4	7.4	7.6	7.6	7.7	7.6
6	7.5	7.4	7.1	7.1	7.0	6.9	7.4	7.3	7.7	7.6	7.6	7.6
7	7.5	7.4	7.1	7.0	6.9	6.9	7.4	7.4	7.7	7.6	7.6	7.5
8	7.4	7.3	7.0	7.0	6.9	6.9	7.4	7.4	7.6	7.6	7.6	7.5
9	7.3	7.2	7.0	7.0	6.9	6.9	7.4	7.4	7.6	7.6	7.6	7.6
10	7.3	7.2	7.0	7.0	6.9	6.9	7.4	7.4	7.6	7.5	7.6	7.6
11	7.3	7.3	7.0	7.0	7.0	7.0	7.4	7.4	7.6	7.6	7.6	7.5
12	7.4	7.3	7.0	6.9	7.0	7.0	7.4	7.4	7.6	7.4	7.6	7.5
13	7.4	7.3	6.9	6.9	7.0	7.0	7.5	7.4	7.4	7.4	7.6	7.5
14	7.4	7.3	6.9	6.9	7.0	7.0	7.5	7.5	7.4	7.4	7.6	7.5
15	7.4	7.3	6.9	6.9	7.0	7.0	7.5	7.5	7.5	7.4	7.6	7.5
16	7.3	7.3	6.9	6.9	7.1	7.1	7.5	7.5	7.5	7.5	7.7	7.6
17	7.3	7.2	6.9	6.9	7.1	7.1	7.5	7.5	7.7	7.5	7.7	7.6
18	7.3	7.2	7.0	6.9	7.1	7.1	7.5	7.5	7.8	7.7	7.8	7.7
19	7.3	7.2	7.0	6.9	7.1	7.1	7.5	7.5	7.8	7.7	7.8	7.7
20	7.3	7.2	7.0	6.9	7.1	7.1	7.5	7.5	7.9	7.7	7.8	7.7
21	7.3	7.2	7.0	7.0	7.1	7.1	7.5	7.5	7.9	7.8	7.7	7.7
22	7.3	7.3	7.0	7.0	7.1	7.1	7.5	7.5	8.0	7.9	7.7	7.6
23	7.3	7.3	7.0	7.0	7.1	7.1	7.5	7.5	7.9	7.9	7.8	7.6
24	7.3	7.2	7.0	7.0	7.2	7.1	7.5	7.5	7.9	7.8	7.6	7.6
25	7.3	7.2	7.0	7.0	7.2	7.2	7.5	7.5	7.8	7.8	7.7	7.6
26	7.3	7.2	7.0	7.0	7.2	7.2	7.5	7.4	7.8	7.7	7.6	7.6
27	7.3	7.3	7.0	7.0	7.2	7.2	7.5	7.5	7.7	7.7	7.6	7.5
28	7.3	7.2	7.0	7.0	7.2	7.2	7.5	7.5	7.7	7.7	7.5	7.4
29	7.2	7.1	7.0	6.9	7.3	7.3	7.5	7.5	7.8	7.7	7.4	7.3
30	7.1	7.1	7.0	6.9	7.3	7.3	7.6	7.5	7.8	7.7	7.3	7.3
31	---	---	6.9	6.9	---	---	7.6	7.6	7.7	7.7	---	---
MONTH	7.5	7.1	7.1	6.9	7.3	6.9	7.6	7.3	8.0	7.4	7.8	7.3

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	24.5	24.5	19.0	18.5	13.5	13.5	10.5	10.0	6.5	6.0	9.5	9.0
2	24.5	24.0	18.5	18.5	13.5	13.5	10.0	9.5	6.5	6.0	9.5	9.0
3	24.0	24.0	18.5	18.0	14.0	13.5	9.5	9.5	7.0	6.5	9.5	9.0
4	24.0	24.0	18.0	17.5	13.5	13.0	9.5	9.0	6.5	6.0	9.5	9.5
5	24.0	24.0	17.5	17.5	13.0	13.0	9.0	9.0	6.5	6.5	10.0	9.5
6	24.0	24.0	17.5	17.0	13.5	13.0	9.0	9.0	6.5	6.5	10.0	10.0
7	24.0	24.0	17.0	17.0	13.5	13.0	9.0	9.0	6.5	6.0	10.5	10.0
8	24.0	24.0	17.0	16.5	13.5	13.0	9.0	9.0	6.5	6.0	11.0	10.5
9	24.5	24.0	17.0	16.5	13.0	13.0	9.0	9.0	6.5	6.0	11.5	11.0
10	24.5	24.0	16.5	16.5	13.0	13.0	9.0	8.5	6.5	6.5	12.0	11.5
11	24.5	24.0	16.5	16.0	13.0	13.0	9.0	8.5	6.5	6.0	12.0	11.5
12	24.5	24.5	16.5	16.0	13.0	12.0	8.5	8.0	6.0	6.0	12.0	11.5
13	24.5	24.0	16.0	15.5	12.0	11.5	8.0	8.0	6.0	6.0	12.0	12.0
14	24.0	23.5	16.0	15.5	11.5	11.5	---	---	6.5	6.0	12.0	12.0
15	23.5	23.5	15.5	15.5	---	---	---	---	6.0	6.0	12.0	11.5
16	23.5	23.0	15.5	15.0	---	---	---	---	6.5	6.0	11.5	11.0
17	23.0	22.5	15.0	15.0	---	---	7.5	7.5	6.5	6.5	11.0	11.0
18	22.5	22.5	15.0	14.5	---	---	7.5	7.0	6.5	6.5	11.5	11.0
19	22.5	22.5	14.5	14.5	---	---	7.0	7.0	7.0	6.5	11.5	11.0
20	22.5	22.0	14.5	14.5	---	---	7.0	6.5	7.5	7.0	12.0	11.5
21	22.0	21.5	14.5	14.5	---	---	6.5	6.5	8.0	7.5	12.0	11.5
22	21.5	21.5	14.5	14.0	---	---	6.0	6.0	8.0	8.0	12.0	12.0
23	21.5	21.0	14.5	14.0	---	---	6.0	6.0	8.5	8.0	12.0	12.0
24	21.0	20.5	14.0	14.0	---	---	6.0	5.5	9.0	8.5	12.0	12.0
25	20.5	20.0	14.0	14.0	---	---	6.0	5.5	9.0	8.5	12.0	11.5
26	20.0	20.0	14.5	14.0	---	---	6.0	5.5	9.0	9.0	11.5	11.5
27	20.0	19.5	14.0	14.0	---	---	5.5	5.5	9.0	9.0	11.5	11.5
28	19.5	19.5	14.0	13.5	---	---	5.5	5.5	9.5	9.0	11.5	11.5
29	19.5	19.0	13.5	13.5	10.5	10.5	6.0	5.5	---	---	11.5	11.5
30	19.0	19.0	13.5	13.5	10.5	10.5	6.0	5.5	---	---	11.5	11.5
31	19.0	19.0	---	---	10.5	10.5	6.0	5.5	---	---	11.5	11.0
MONTH	24.5	19.0	19.0	13.5	---	---	10.5	5.5	9.5	6.0	12.0	9.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	11.5	11.0	15.0	15.0	22.0	22.0	27.0	26.5	30.5	30.5	31.5	31.0
2	11.5	11.0	15.5	15.0	22.0	22.0	27.0	27.0	30.5	30.0	31.5	31.0
3	11.5	11.0	16.0	15.5	22.5	22.0	27.5	27.0	30.0	30.0	31.5	31.5
4	11.0	11.0	16.5	15.5	22.5	22.5	27.5	27.5	30.0	30.0	31.5	31.0
5	11.5	11.0	16.5	16.0	22.5	22.5	28.0	27.5	30.0	30.0	31.0	31.0
6	11.5	11.0	17.0	16.5	22.5	22.5	28.0	28.0	30.0	30.0	31.0	30.5
7	11.5	11.0	17.5	17.0	22.5	22.5	28.5	28.0	30.0	30.0	30.5	30.5
8	11.5	11.5	18.0	17.5	22.5	22.5	28.5	28.5	30.0	30.0	30.5	30.0
9	11.5	11.5	18.0	17.5	22.5	22.5	28.5	28.5	30.0	30.0	30.5	30.0
10	11.5	11.0	18.5	18.0	23.0	22.5	28.5	28.5	30.5	30.0	30.0	30.0
11	11.5	11.0	18.5	18.0	23.0	22.5	28.5	28.5	30.5	30.5	30.0	29.5
12	11.5	11.0	19.0	18.5	23.0	23.0	28.5	28.5	30.5	30.5	29.5	29.5
13	11.5	11.0	19.0	18.5	23.5	23.0	28.5	28.5	31.0	30.5	29.5	29.0
14	11.5	11.5	19.0	19.0	23.5	23.5	28.5	28.5	31.0	30.5	29.5	29.0
15	11.5	11.5	19.5	19.0	24.0	23.5	29.0	28.5	31.0	30.5	29.5	29.0
16	12.0	11.5	20.5	19.5	24.0	24.0	29.0	28.5	30.5	30.5	29.5	29.0
17	12.5	12.0	---	---	24.5	24.0	29.0	28.5	30.5	30.5	29.5	29.0
18	12.5	12.0	---	---	24.0	24.0	29.0	28.5	31.0	30.5	29.0	29.0
19	12.5	12.5	20.0	20.0	24.0	24.0	29.0	29.0	31.0	30.5	29.0	29.0
20	12.5	12.5	20.0	20.0	24.5	24.0	29.5	29.0	31.0	30.5	29.0	28.5
21	13.0	12.5	20.5	20.0	24.5	24.5	29.5	29.5	31.0	30.5	28.5	28.0
22	12.5	12.5	20.5	20.0	25.0	24.5	29.5	29.5	31.0	30.5	28.0	27.5
23	13.0	12.5	20.5	20.5	25.0	24.5	29.5	29.5	31.0	31.0	27.5	27.0
24	13.0	12.5	20.5	20.5	25.0	25.0	30.0	29.5	31.0	31.0	27.0	26.5
25	13.5	13.0	21.0	20.5	25.0	25.0	30.0	29.5	31.5	31.0	26.5	26.5
26	13.5	13.0	21.0	20.5	25.5	25.0	30.5	30.0	31.5	31.0	26.5	26.0
27	14.0	13.5	21.0	21.0	25.5	25.5	30.5	30.0	31.5	31.0	26.5	26.0
28	14.0	14.0	21.5	21.0	25.5	25.5	30.5	30.5	31.5	31.0	26.0	25.5
29	14.5	14.0	21.5	21.0	26.0	25.5	30.5	30.5	31.5	31.0	25.5	25.5
30	15.0	14.5	21.5	21.5	26.5	26.0	30.5	30.5	31.5	31.0	25.5	25.5
31	---	---	22.0	21.5	---	---	30.5	30.5	31.5	31.0	---	---
MONTH	15.0	11.0	22.0	15.0	26.5	22.0	30.5	26.5	31.5	30.0	31.5	25.5

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.7	7.4	8.6	8.5	9.7	9.6	---	---	12.3	12.1	10.4	10.2
2	7.6	7.5	8.5	8.4	9.7	9.5	---	---	12.4	12.1	10.3	10.2
3	7.7	7.6	8.4	8.3	9.5	9.5	---	---	12.4	11.8	10.4	10.1
4	7.7	7.6	8.5	8.3	9.6	9.4	---	---	12.2	11.8	10.8	10.2
5	7.6	7.6	8.6	8.4	9.5	9.0	---	---	12.0	11.8	10.8	10.6
6	7.6	7.5	8.6	8.4	9.0	8.7	---	---	12.1	11.9	10.7	10.5
7	7.6	7.5	8.6	8.4	9.0	8.4	---	---	12.2	11.9	10.6	10.4
8	7.6	7.5	8.6	8.4	8.8	8.5	---	---	12.1	12.0	10.4	10.0
9	7.5	7.3	8.6	8.4	8.9	8.7	---	---	12.1	11.9	10.0	9.8
10	7.3	7.1	9.0	8.4	8.8	8.6	---	---	12.2	12.0	9.9	9.6
11	7.1	6.9	9.0	8.9	8.6	8.3	---	---	12.2	12.1	9.7	9.5
12	6.9	6.9	9.0	8.9	8.6	8.3	---	---	12.2	12.1	9.6	9.4
13	6.9	6.8	9.1	8.9	---	---	---	---	12.2	12.1	9.5	9.3
14	7.2	6.8	9.2	9.0	9.8	9.7	---	---	12.3	12.1	9.4	9.2
15	7.3	7.0	9.2	9.0	---	---	---	---	12.3	12.0	9.4	9.2
16	7.0	6.8	9.2	9.0	---	---	---	---	12.1	12.0	9.4	9.2
17	7.1	6.7	9.3	9.2	---	---	---	---	12.1	11.9	9.5	9.3
18	7.1	6.9	9.4	9.3	---	---	---	---	---	---	9.5	9.0
19	7.1	6.9	9.8	9.4	---	---	---	---	10.1	9.9	9.2	9.0
20	7.2	7.0	9.8	9.7	---	---	---	---	10.0	9.8	9.2	9.0
21	7.3	7.0	9.8	9.6	---	---	---	---	10.0	9.8	9.2	9.0
22	7.5	7.1	9.7	9.6	---	---	---	---	10.0	9.7	9.2	8.9
23	7.7	7.4	9.8	9.6	---	---	---	---	---	---	9.2	8.9
24	7.8	7.6	9.6	9.4	---	---	---	---	---	---	9.2	9.0
25	8.0	7.7	9.6	9.4	---	---	---	---	---	---	9.2	9.0
26	8.2	7.9	9.8	9.5	---	---	---	---	10.6	10.4	9.3	9.1
27	8.4	8.0	9.9	9.7	---	---	---	---	10.5	10.4	9.4	9.1
28	8.4	8.2	9.8	9.7	---	---	---	---	10.6	10.3	9.3	9.1
29	8.5	8.3	9.9	9.7	---	---	12.3	12.2	---	---	9.4	9.1
30	8.6	8.5	9.8	9.6	---	---	12.3	12.2	---	---	9.3	9.1
31	8.6	8.6	---	---	---	---	12.3	12.0	---	---	---	---
MONTH	8.6	6.7	9.9	8.3	---	---	---	---	12.4	9.7	10.8	8.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	10.4	10.1	8.6	8.4	5.9	5.7	5.6	5.4	6.1	5.9	---	---
2	10.4	10.1	8.6	8.5	6.0	5.7	5.7	5.5	6.1	5.9	---	---
3	10.4	10.1	8.6	8.4	6.0	5.9	---	---	6.0	5.9	---	---
4	10.4	10.1	8.5	8.1	6.0	5.9	---	---	6.0	5.8	6.7	6.4
5	10.5	10.3	8.3	7.9	6.0	5.9	---	---	5.8	5.7	6.5	6.0
6	10.4	10.2	8.0	7.8	6.1	6.0	---	---	5.7	5.5	6.1	5.8
7	10.3	9.9	8.0	7.7	6.1	5.9	---	---	5.7	5.4	5.9	5.6
8	10.0	9.7	7.9	7.6	6.1	5.9	---	---	5.7	5.3	5.9	5.5
9	10.0	9.6	---	---	6.2	5.9	5.8	5.5	5.7	5.4	7.0	5.5
10	9.7	9.5	---	---	6.2	6.0	5.8	5.6	5.5	5.2	6.7	6.4
11	9.8	9.5	---	---	6.2	6.1	5.8	5.6	5.4	5.2	6.5	6.1
12	9.8	9.5	---	---	6.3	6.1	5.9	5.7	6.3	5.1	6.2	5.9
13	9.9	9.6	---	---	6.2	6.1	6.0	5.8	6.0	5.8	---	---
14	9.8	9.6	7.3	7.0	6.1	6.0	6.0	5.8	5.9	5.7	---	---
15	9.6	9.4	---	---	6.1	5.9	6.0	5.8	6.2	5.8	---	---
16	9.5	9.3	---	---	6.0	5.9	---	---	6.3	6.0	8.4	7.5
17	9.4	9.1	---	---	5.9	5.7	---	---	6.5	6.2	8.1	7.5
18	9.3	9.1	---	---	5.7	5.6	---	---	---	---	8.3	7.6
19	9.1	9.0	7.2	7.0	5.7	5.5	5.9	5.8	---	---	7.9	7.3
20	9.2	9.0	7.0	6.9	5.6	5.4	5.9	5.7	---	---	8.0	7.2
21	9.2	9.0	6.9	6.8	5.6	5.5	5.8	5.7	8.7	7.8	---	---
22	9.3	8.9	6.9	6.7	---	---	5.8	5.7	8.8	8.1	---	---
23	9.2	9.0	6.8	6.5	---	---	5.8	5.7	8.4	7.9	---	---
24	9.0	8.8	6.6	6.4	---	---	5.8	5.7	8.1	7.6	7.9	7.4
25	8.9	8.8	6.5	6.2	---	---	5.8	5.6	8.0	7.1	7.7	7.3
26	8.9	8.7	6.4	6.2	---	---	---	---	7.7	7.2	7.7	7.1
27	8.9	8.7	6.2	6.0	---	---	---	---	7.5	6.9	---	---
28	8.9	8.6	6.1	5.9	---	---	---	---	7.2	6.8	---	---
29	8.7	8.6	6.1	5.9	---	---	6.0	5.8	7.7	6.8	---	---
30	8.7	8.5	6.0	5.8	---	---	6.2	5.8	7.1	6.6	---	---
31	---	---	5.9	5.7	---	---	6.1	5.9	---	---	---	---
MONTH	10.5	8.5	---	---	---	---	---	---	8.8	5.1	---	---

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 29°51'25", long 89°58'40", in lot 20, T.14 S., R.12 E., Plaquemines Parish, Hydrologic Unit 08090100, at ferry crossing at Belle Chasse and at mile 76.0.

DRAINAGE AREA.--1,125,930 mi², arbitrarily determined.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to current year.

WATER TEMPERATURES: October 1975 to current year.

CHLORIDE: October 1974 to current year.

SULFATE: October 1974 to September 1978.

DISSOLVED SOLIDS: October 1978 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 692 micromhos Jan. 31, 1981; minimum daily, 248 micromhos Mar. 31, 1976, Jan. 24, 1979.

WATER TEMPERATURES: Maximum daily, 34.0°C Sept. 1, 3, 28, 1983; minimum daily, 2.0°C Feb. 6, 8, 10, 11, 1978.

CHLORIDE: Maximum daily, 85 mg/L June 26, 27, 1977; minimum daily, 11 mg/L Apr. 21, May 12, 1975.

SULFATE: Maximum daily, 93 mg/L Oct. 30, 1976; minimum daily, 28 mg/L Feb. 3, 1975.

DISSOLVED SOLIDS: Maximum, 371 mg/L Feb. 1-10, 1981; minimum, 156 mg/L Jan. 21-31, 1979.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum daily, 593 micromhos Sept. 27; minimum daily, 277 micromhos Jan. 11.

WATER TEMPERATURES: Maximum daily, 34.0°C Sept. 1, 3, 28; minimum daily, 6.0°C Jan. 31.

CHLORIDE: Maximum daily, 40 mg/L Sept. 15; minimum daily, 13 mg/L Dec. 21, 26, Jan. 22, June 24.

DISSOLVED SOLIDS: Maximum, 323 mg/L Sept. 21-30; minimum, 180 mg/L Dec. 21-31.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A temperature of 1.5°C was observed on Feb. 9, 1978.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCTI- VANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- IDY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 05...	1000	234000	440	7.2	24.0	20	12	8.7	.5	410	2000
DEC 07...	1330	729000	418	7.1	13.5	80	140	9.6	1.9	400	2300
JAN 28...	0930	721000	345	7.6	5.5	15	75	12.6	2.6	2000	2000
APR 28...	1100	1070000	351	6.9	14.0	5	75	9.1	3.0	K200	1400
JUN 24...	1000	853000	329	7.1	24.0	5	39	5.9	.6	K800	1200
AUG 17...	0915	273000	512	7.6	30.4	10	7.9	6.7	.6	550	1700

DATE	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
OCT 05...	160	42	13	28	3.7	112	61	26	.5
DEC 07...	140	37	12	22	3.6	98	53	28	.3
JAN 28...	140	36	11	14	3.0	98	38	16	.2
APR 28...	140	38	11	15	2.8	88	43	21	.3
JUN 24...	--	--	--	--	--	104	36	14	.2
AUG 17...	200	52	16	27	3.4	135	63	34	.6

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SILICA, DIS- SOLVED (MG/L AS SI(O2))	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHOPHOS- PHATE, DIS- SOLVED (MG/L AS P)
OCT 05...	5.9	259	247	.88	.05	.8	.24	--	.23
DEC 07...	6.5	256	221	1.8	.09	.9	.33	--	.12
JAN 28...	7.7	214	185	1.8	.26	1.1	.30	.09	.09
APR 28...	7.1	238	191	2.1	.15	.7	.18	.08	.08
JUN 24...	--	--	--	1.5	.03	1.0	.11	.09	.08
AUG 17...	6.6	314	284	1.6	.03	.5	.22	--	.20

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS RF)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 05...	40	2	85	1	2	<1	3	6	10	1
DEC 07...	--	3	--	--	3	--	4	9	30	2
JAN 28...	<10	2	67	<1	<1	1	<3	19	30	4
APR 28...	<10	1	71	<1	<1	<1	<3	6	29	3
AUG 17...	<10	4	120	<1	1	<1	<3	5	20	2

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 05...	8	2	.2	10	3	<1	<1	190	6	4
DEC 07...	--	10	<.1	--	--	<1	<1	--	--	10
JAN 28...	5	9	.5	<10	2	<1	<1	130	<6	18
APR 28...	7	18	<.1	<10	8	<1	<1	150	<6	11
AUG 17...	17	3	<.1	<10	2	<1	<1	230	8	16

DATE	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	URANIUM NATURAL DIS- SOLVED (UG/L AS U)
OCT 05...	<6.5	<1.1	--	4.8	1.3	4.6	1.3	.17	1.3
APR 28...	>5.4	7.3	5.0	3.6	5.8	3.4	5.6	.11	1.4

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

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

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 05...	90	56900	97
NOV 17...	47	36000	94
DEC 07...	671	1320000	89
21...	586	1650000	72
JAN 28...	256	498000	72
MAR 18...	197	386000	75
APR 28...	282	815000	62
MAY 20...	252	851000	67
JUN 24...	173	398000	68
JUL 21...	259	320000	96
AUG 17...	45	33200	93
SEP 14...	111	73400	99

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
 ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	426	495	492	283	352	353	404	369	308	397	485	534
2	428	494	493	288	350	364	408	368	319	446	481	---
3	440	494	---	293	351	386	421	372	---	468	486	525
4	443	488	491	294	353	398	426	371	323	415	486	529
5	448	488	432	291	353	397	420	374	320	519	485	558
6	456	472	435	290	357	393	---	372	386	560	479	---
7	457	478	415	289	360	399	389	373	---	502	482	536
8	454	487	377	283	361	389	379	376	---	476	482	533
9	466	500	391	278	356	389	367	377	314	556	---	530
10	488	475	416	278	346	372	365	378	314	414	475	544
11	476	478	360	277	348	375	371	379	313	416	---	571
12	466	488	359	279	351	381	390	371	316	---	468	---
13	461	510	354	281	---	379	392	362	340	---	468	---
14	446	525	352	283	354	373	400	349	316	---	468	540
15	452	520	335	352	353	367	402	366	320	---	500	549
16	471	510	313	302	317	370	395	333	319	---	525	525
17	446	520	299	---	358	369	370	329	336	---	---	544
18	432	514	284	290	351	374	346	328	---	---	508	525
19	425	514	278	291	346	373	345	313	---	---	501	590
20	443	506	279	294	337	376	349	315	---	---	534	526
21	453	509	278	300	322	377	351	317	---	---	510	546
22	450	511	279	303	338	372	352	316	---	331	521	539
23	452	500	282	---	344	379	351	312	331	---	516	535
24	465	482	287	300	348	382	355	---	332	---	517	542
25	473	482	290	---	349	378	357	---	328	---	515	544
26	487	486	290	---	348	389	359	---	342	---	503	569
27	477	483	291	---	323	393	361	---	342	452	518	593
28	506	491	295	---	356	393	364	---	351	455	518	560
29	519	493	292	---	---	394	367	318	357	475	509	561
30	521	490	294	---	---	396	367	312	368	491	507	541
31	503	---	289	355	---	407	---	311	---	514	524	---
MAX	521	525	493	355	361	407	426	379	386	560	534	593
MIN	425	472	278	277	317	353	345	311	308	331	468	525

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	20.0	---	11.0	7.0	9.0	12.0	15.0	22.0	25.5	32.0	34.0
2	26.0	20.0	15.0	12.0	7.0	9.0	12.0	14.0	22.0	25.5	30.0	---
3	26.0	19.0	---	12.0	7.0	9.0	12.0	15.0	---	24.5	30.0	34.0
4	26.0	18.0	15.0	10.0	7.0	9.0	12.0	15.0	24.0	26.5	30.0	32.0
5	25.0	18.0	---	10.0	7.0	10.0	12.0	15.0	23.0	25.5	30.0	28.0
6	25.0	19.0	13.0	11.0	7.0	11.0	---	16.0	23.0	26.5	30.0	---
7	25.0	19.0	14.0	10.0	7.0	10.0	13.0	17.0	---	25.5	32.0	30.5
8	25.0	19.0	15.0	10.0	7.0	10.0	13.0	17.0	---	26.5	30.0	30.0
9	25.0	19.0	15.0	10.0	7.0	11.0	13.0	18.0	25.0	25.5	---	32.0
10	25.0	18.0	15.0	10.0	9.0	11.0	13.0	18.0	25.0	27.0	32.0	32.0
11	25.0	19.0	14.0	10.0	9.0	11.0	13.0	19.0	25.0	26.5	---	30.0
12	24.0	19.0	14.0	9.0	8.0	12.0	13.0	19.0	24.0	---	32.0	---
13	25.0	17.0	13.0	8.0	---	11.0	13.0	19.0	24.0	---	28.0	---
14	23.0	16.0	12.0	9.0	8.0	12.0	13.0	19.0	24.0	---	---	32.0
15	23.0	18.0	11.0	9.0	8.0	12.0	12.0	19.0	24.0	---	30.0	26.5
16	24.0	18.0	12.0	8.0	8.0	12.0	13.0	19.0	25.0	---	32.0	30.0
17	23.0	18.0	12.0	---	8.5	12.0	13.0	19.0	25.0	---	---	28.0
18	22.0	18.0	11.0	8.0	8.5	12.0	13.0	20.0	---	---	30.0	29.0
19	22.0	18.0	11.0	8.0	7.0	12.0	13.0	20.0	---	---	32.0	28.5
20	22.0	18.0	11.0	9.0	8.0	12.0	14.0	20.0	---	---	28.5	32.0
21	22.0	18.0	10.0	9.0	8.0	11.0	14.0	21.0	---	---	---	28.0
22	22.0	18.0	10.0	9.0	8.0	13.0	14.0	21.0	---	30.0	32.0	26.0
23	22.0	18.0	10.0	---	8.0	13.0	14.0	22.0	25.0	---	30.0	30.0
24	22.0	16.0	10.0	8.0	9.0	13.0	14.0	---	25.0	---	32.0	30.0
25	20.0	15.0	10.0	---	9.0	13.0	14.0	---	25.0	---	32.0	32.0
26	19.0	16.0	11.0	---	9.0	13.0	14.0	---	25.0	---	30.0	30.0
27	19.0	15.0	---	---	9.0	12.0	14.0	---	25.0	32.0	31.0	26.5
28	19.0	15.0	11.0	---	10.0	13.0	14.0	---	25.0	30.0	31.0	34.0
29	19.0	14.0	11.0	---	---	12.0	15.0	22.0	24.0	30.0	31.0	32.0
30	19.0	14.0	11.0	---	---	12.0	15.0	22.0	27.0	28.0	31.0	32.0
31	19.0	---	12.0	6.0	---	12.0	---	23.0	---	28.0	31.0	---
MAX	26.0	20.0	15.0	12.0	10.0	13.0	15.0	23.0	27.0	32.0	32.0	34.0
MIN	19.0	14.0	10.0	6.0	7.0	9.0	12.0	14.0	22.0	24.5	28.0	26.0

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	30	29	15	18	24	25	23	14	18	28	34
2	26	32	27	16	18	24	22	23	15	18	26	---
3	29	30	---	15	19	24	24	23	15	18	25	30
4	28	30	29	15	19	22	26	23	17	16	26	29
5	26	32	26	16	18	22	26	23	16	19	28	36
6	28	29	33	16	19	24	---	22	17	21	25	---
7	29	29	30	16	18	25	23	22	---	22	26	33
8	25	31	24	18	21	23	25	23	---	21	26	31
9	26	35	25	14	19	24	24	24	15	20	---	36
10	27	32	27	14	19	22	23	23	16	22	25	34
11	27	29	26	14	19	23	26	24	16	21	---	32
12	27	30	25	14	20	23	29	23	15	---	25	---
13	28	33	27	16	---	25	28	21	20	---	26	---
14	23	35	22	15	20	26	28	22	16	---	27	35
15	25	35	21	17	18	24	30	25	17	---	33	40
16	28	32	18	19	19	23	27	19	15	---	32	29
17	27	35	16	---	18	24	25	19	15	---	---	34
18	27	30	16	14	21	24	24	20	---	---	34	31
19	26	32	14	14	20	24	27	16	---	---	30	33
20	29	29	14	14	21	23	25	17	---	---	25	30
21	31	31	13	15	16	24	27	17	---	---	29	30
22	28	30	14	13	21	23	27	16	---	30	32	33
23	30	33	14	---	22	24	23	17	14	---	31	33
24	32	31	15	18	22	24	26	---	13	---	30	36
25	30	32	15	---	20	27	28	---	14	---	32	36
26	31	32	13	---	21	27	25	---	14	---	32	35
27	26	33	15	---	17	28	25	---	15	30	32	38
28	29	32	16	---	21	25	25	---	16	25	33	34
29	31	30	15	---	---	27	24	18	16	27	31	35
30	32	29	17	---	---	31	21	16	18	27	33	33
31	31	---	15	18	---	25	---	16	---	28	34	---
MAX	32	35	33	19	22	31	30	25	20	30	34	40
MIN	23	29	13	13	16	22	21	16	13	16	25	29

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
OCT	
01-10	299
11-20	265
21-31	292
NOV	
01-10	306
11-20	316
21-30	316
DEC	
01-10	270
11-20	214
21-31	180
JAN	
01-10	185
11-20	190
21-31	196
FEB	
01-10	210
11-20	213
21-28	220
MAR	
01-10	237
11-20	225
21-31	256
APR	
01-10	251
11-20	233
21-30	221
MAY	
01-10	234
11-20	220
21-31	202
JUN	
01-10	210
11-20	196
21-30	188
JUL	
01-11	270
22-31	262
AUG	
01-10	285
11-20	288
21-31	320
SEP	
01-10	301
11-20	312
21-30	323

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)

LOCATION.--Lat 29°16'33", long 89°21'10", T.21 S., R.31 E., Plaquemines Parish, Hydrologic Unit 08090100, in center of river at Venice and at mile 10.7.

DRAINAGE AREA.--Not determined.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SETTLABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L)
OCT 04...	1315	396	7.2	24.0	20	20	<1	--	11	1.2
NOV 17...	1500	778	7.5	16.0	20	10	<1	9.4	18	.6
DEC 06...	1430	436	7.6	13.0	30	60	<1	9.6	44	3.1
JAN 03...	1430	286	7.0	7.0	30	90	<1	10.6	17	3.0
29...	0900	323	7.4	5.5	15	55	<1	12.2	30	2.5
MAR 21...	1230	356	7.2	15.0	5	50	<1	10.2	<10	2.0
APR 28...	1715	354	7.2	14.0	5	80	<1	9.4	12	2.0
MAY 19...	1430	309	7.1	21.5	20	90	<1	7.3	<10	1.2
JUN 27...	1300	340	7.3	24.5	10	55	<1	5.8	<10	.4
JUL 22...	0845	448	7.1	29.5	5	70	<1	6.4	11	--
AUG 18...	0900	526	7.3	30.5	5	6.0	<1	6.3	180	.5
SEP 15...	0845	1210	7.4	29.5	5	3.0	<1	6.0	54	.9

DATE	COLIFORM, TOTAL, IMMEN. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	HARDNESS (MG/L AS CaCO3)	CALCIUM DIS-SOLVED (MG/L AS Ca)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg)	ALKALINITY, FIELD (MG/L AS CaCO3)	SULFATE, DIS-SOLVED (MG/L AS SO4)	CHLORIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C. SUSPENDED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 04...	360	100	150	40	11	103	46	24	26	1.0
NOV 17...	K410	K65	210	49	21	133	75	99	1	1.6
DEC 06...	K1600	480	160	42	14	108	56	23	124	1.8
JAN 03...	4000	240	120	32	9.2	79	32	13	204	1.5
29...	--	--	140	36	11	97	38	16	269	.7
MAR 21...	--	160	140	38	11	95	43	21	155	1.9
APR 28...	650	K65	140	39	11	93	44	21	137	2.2
MAY 19...	--	190	120	32	8.9	85	38	13	180	1.6
JUN 27...	1600	210	140	38	11	99	38	15	123	1.5
JUL 22...	2400	K200	180	47	14	117	55	26	209	2.3
AUG 18...	K200	K100	190	49	16	127	62	42	13	1.7
SEP 15...	270	150	250	54	28	139	100	220	9	.7

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

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

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	NITRO- GEN+AM- MONIA + ORGANIC DIS. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)	CHRO- MIUM, HEXA- VALENT, DIS. (UG/L AS CR)
OCT 04...	--	.32	2	2	<10	1	3	3	10	<1
NOV 17...	.5	.21	3	3	<10	<1	<1	1	20	<1
DEC 06...	.5	.21	2	1	<10	<1	2	<1	20	<1
JAN 03...	.7	.53	3	3	<10	<1	4	<1	10	<1
29...	.6	.17	3	2	10	1	2	1	10	<1
MAR 21...	.8	.26	2	2	<10	<1	12	<1	20	<1
APR 28...	.6	.14	2	1	<10	<1	1	<1	10	<1
MAY 19...	.6	.29	3	1	<10	<1	1	<1	20	<1
JUN 27...	.9	.13	2	1	<10	<1	2	<1	20	<1
JUL 22...	.5	.15	4	2	<10	<1	1	1	<10	<1
AUG 18...	.4	.25	3	2	10	<1	1	<1	30	<1
SEP 15...	.6	.27	4	2	<10	<1	<1	1	10	<1

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	LEAD, DIS- SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)
OCT 04...	9	5	11	5	2	.2	.1	5	5
NOV 17...	9	4	9	3	2	<.1	<.1	6	<1
DEC 06...	16	9	11	6	1	.3	<.1	14	6
JAN 03...	19	7	29	18	10	<.1	<.1	14	3
29...	36	12	46	35	2	.2	.7	21	5
MAR 21...	33	12	31	19	9	.2	<.1	12	3
APR 28...	14	3	26	20	6	<.1	<.1	8	7
MAY 19...	15	10	32	22	1	.2	.3	14	2
JUN 27...	15	7	15	13	4	.1	.1	9	2
JUL 22...	21	7	6	12	1	<.1	<.1	12	4
AUG 18...	13	6	12	1	1	<.1	<.1	5	2
SEP 15...	11	2	5	4	3	<.1	<.1	2	1

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

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SELE- NIUM, TOTAL (UG/L AS SE)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	ZINC, DIS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L)
OCT 04...	<1	<1	4	30	7	--	<.01	7	<1
NOV 17...	<1	<1	2	140	5	5.3	<.01	<1	<1
DEC 06...	<1	<1	<1	60	31	5.1	<.01	<1	<1
JAN 03...	2	<1	<1	50	23	6.2	<.01	1	1
NOV 29...	<1	<1	<1	50	6	5.8	<.01	<1	2
MAR 21...	<1	<1	1	70	9	5.0	<.01	<1	<1
APR 28...	<1	<1	<1	110	9	4.2	<.01	<1	<1
MAY 19...	<1	<1	1	320	6	6.1	<.01	<1	1
JUN 27...	<1	<1	1	80	17	5.2	<.01	1	<1
JUL 22...	<1	<1	1	70	3	5.1	<.01	2	<1
AUG 18...	1	<1	3	10	13	3.6	<.01	<1	1
SEP 15...	1	1	--	40	7	3.5	<.01	<1	<1

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

MISSISSIPPI RIVER DELTA

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301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA (CE 85700)

LOCATION.--Lat 30°10'02", long 89°44'13", T.10 S., R.15 E., Orleans Parish, Hydrologic Unit 08090203, at U.S. Highway 90, and 6.4 mi southeast of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to current year.

CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 36.0°C Aug. 7, 8, 1981; minimum daily, 3.5°C Jan. 19, 1977.

CHLORIDE: Maximum daily, 14,000 mg/L Sept. 1, 1977; minimum daily, 35 mg/L June 17, 1983.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	23.0	18.5	---	13.5	11.0	16.0	---	25.5	27.0	---	29.0
2	26.0	22.0	19.5	---	11.0	11.0	16.5	22.0	26.5	---	---	29.0
3	---	22.0	21.0	---	9.0	14.5	16.5	23.0	26.5	---	28.0	---
4	26.0	18.0	---	---	9.5	15.5	16.0	23.0	26.0	29.0	29.0	---
5	26.0	17.0	---	11.0	10.0	16.0	16.5	---	---	29.0	29.0	28.0
6	26.0	16.0	19.5	11.5	9.5	17.5	17.5	21.0	25.5	29.0	29.0	29.0
7	26.0	---	---	11.0	9.0	16.0	---	---	24.0	29.0	29.0	27.0
8	26.0	15.0	16.5	12.0	9.0	16.5	19.5	---	25.0	29.0	29.0	27.0
9	---	15.0	16.5	---	10.0	16.5	---	---	25.0	29.0	29.0	23.0
10	---	14.5	16.0	13.5	11.0	14.0	---	---	25.0	30.0	---	---
11	27.0	16.0	15.0	12.0	11.0	13.0	19.0	---	25.0	30.0	29.0	---
12	26.0	---	---	12.0	---	---	20.0	---	25.0	29.0	29.0	---
13	26.0	14.5	10.0	10.0	---	---	19.5	---	26.5	29.0	---	27.0
14	23.0	14.5	11.5	11.5	---	14.0	19.0	---	26.5	29.0	---	27.0
15	23.0	14.0	14.0	---	---	14.0	18.0	---	26.5	29.0	30.0	28.0
16	---	14.0	12.0	---	12.0	15.0	18.0	21.0	27.0	---	30.0	26.5
17	---	15.0	11.0	10.0	12.0	15.5	16.0	---	27.0	---	29.0	---
18	20.0	16.0	---	10.0	13.0	14.5	---	25.0	---	29.0	28.0	---
19	21.0	17.0	---	9.0	13.0	15.0	15.0	25.0	---	22.0	27.0	29.0
20	22.0	---	16.5	8.5	14.0	14.5	15.5	25.0	26.0	28.0	---	28.0
21	---	---	11.0	8.0	14.0	14.0	16.0	25.5	26.0	---	---	28.0
22	---	19.0	---	8.0	14.0	13.0	17.0	---	27.0	29.0	30.0	---
23	19.0	19.0	---	8.5	14.0	14.0	---	25.0	27.0	29.0	31.0	25.0
24	---	18.0	---	8.5	14.0	---	---	24.0	27.0	---	30.0	---
25	---	---	---	9.0	14.5	13.5	---	24.5	27.0	30.5	---	---
26	---	---	---	9.0	---	---	19.5	25.0	---	30.0	31.0	23.0
27	20.0	---	---	10.0	---	---	20.0	26.0	23.0	30.0	---	25.0
28	20.0	18.5	---	---	11.0	---	20.0	---	22.0	---	---	24.0
29	19.0	17.0	---	---	---	14.5	20.0	---	27.0	---	31.0	25.0
30	19.0	19.0	---	---	---	14.5	---	---	---	---	30.5	25.0
31	21.0	---	---	12.0	---	14.5	---	---	---	---	31.0	---

MISSISSIPPI RIVER DELTA

301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA (CE 85700)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7200	6900	5300	---	1700	730	2200	---	490	72	---	2600
2	4600	4100	6300	---	1700	1000	1100	270	430	77	---	1600
3	---	3300	6700	---	2300	1100	1100	170	310	70	3600	---
4	7100	5300	---	---	2200	1000	810	660	300	60	2400	---
5	7500	4400	---	1300	1400	1300	720	---	---	77	1400	2000
6	6700	4800	4300	2400	1300	1200	610	690	62	68	1000	2200
7	6100	---	3500	2200	1400	1100	---	---	61	120	770	1900
8	4100	4300	2400	670	1600	1100	740	---	92	160	1100	1900
9	---	---	3900	---	1400	1300	---	---	37	110	620	1600
10	---	5800	3600	790	560	1300	---	---	38	130	---	---
11	4300	5300	1700	700	2000	1300	1000	---	46	120	760	---
12	4800	---	---	1400	---	---	1000	---	43	200	710	---
13	4500	6700	2200	920	---	---	420	---	43	180	---	930
14	4000	5600	1900	1400	1500	690	220	---	49	160	---	890
15	4800	7200	1600	---	---	570	770	---	36	180	630	880
16	---	5500	2400	---	590	1200	340	310	44	---	1000	1100
17	---	6200	2800	890	620	1500	630	---	35	---	1800	---
18	4000	7400	---	800	1500	1200	---	1100	---	170	1600	---
19	4800	5700	---	720	570	1100	330	1200	---	180	650	1200
20	7100	---	1600	2800	530	690	310	1800	45	220	---	1600
21	---	---	1300	5500	560	1200	710	550	52	---	---	1300
22	---	5500	---	3400	610	1200	220	---	56	230	690	910
23	4500	5400	---	1800	1200	620	---	610	61	240	680	2100
24	---	5800	---	2600	940	---	---	600	67	---	1100	---
25	---	---	---	2300	1200	1200	---	530	73	160	---	---
26	---	---	---	1500	---	---	590	530	---	150	680	2000
27	6700	---	---	1900	---	---	340	800	80	130	---	1600
28	4000	5500	---	---	1100	---	370	---	76	---	---	1400
29	7100	5500	---	---	---	960	160	---	59	---	1100	1400
30	6700	5900	---	---	---	780	---	---	68	---	870	1400
31	7300	---	---	1400	---	740	---	---	---	---	900	---

301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)

LOCATION.--Lat 30°11'08", long 89°50'36", T.10 S., R.14 E., Orleans Parish, Hydrologic Unit 08090202, at bridge on U.S. Highway 11, 5.5 mi southwest of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975, 1981 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to current year.

CHLORIDE: October 1974 to current year.

COOPERATION.--Daily chloride samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 32.0°C July 9, 15, 16, 17, 1980; minimum daily, 3.0°C Jan. 3, 1979.

CHLORIDE: Maximum daily, 8,500 mg/L Oct. 14, 1981; minimum daily, 140 mg/L June 20, July 8, 22, 1983.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 28.0°C July 17, 26, Aug. 24, 25, 27-29, 31, Sept. 21; minimum daily, 5.0°C Jan. 22.

CHLORIDE: Maximum daily, 5,800 mg/L Oct. 6; minimum daily, 140 mg/L June 20, July 8, 22.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SETTLABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMEDIATE (COLS./100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 15...	0845	13500	7.4	22.5	10	20	<1	8.0	430	.6	720	K100
JAN 19...	0900	2970	7.4	8.5	20	10	<1	10.8	190	1.2	K24	K40
APR 20...	1100	3300	7.1	17.5	10	25	<1	9.5	48	1.2	K36	K12
JUL 07...	1430	410	8.3	30.0	10	25	<1	8.1	34	.7	210	K5

DATE	HARDNESS (MG/L AS CAC03)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNESIUM DIS-SOLVED (MG/L AS MG)	SODIUM DIS-SOLVED (MG/L AS NA)	POTASSIUM DIS-SOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLORIDE DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
OCT 15...	1200	80	250	2100	78	48	550	3600	8	--	.02
JAN 19...	280	22	55	460	18	19	120	830	14	.08	.02
APR 20...	340	27	67	520	20	31	140	920	39	--	.03
JUL 07...	100	25	10	45	4.2	75	35	65	23	.60	.02

DATE	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)
OCT 15...	<.1	.3	.02	1	<1	<10	<10	<1	2	20	<1	6
JAN 19...	.1	.2	.06	<1	<1	<10	<10	3	3	20	--	3
APR 20...	<.1	.3	.05	1	<1	<10	<10	1	1	20	<1	4
JUL 07...	.6	.6	.09	2	1	<10	<10	1	<1	20	<1	8

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

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

MISSISSIPPI RIVER DELTA

301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	LEAD, DIS- SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, TOTAL (UG/L AS SE)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)
OCT 15...	4	30	7	<1	.3	<.1	5	4	<1	<1	--	30
JAN 19...	4	120	30	27	.1	.1	3	3	<1	<1	--	20
APR 20...	4	10	5	4	<.1	<.1	6	2	<1	<1	--	20
JUL 07...	5	140	6	2	<.1	<.1	6	3	<1	<1	2	30

DATE	ZINC, DIS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV- GRAVI- METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT 15...	20	3.0	.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JAN 19...	10	7.9	<.01	<1	2	<.1	<.10	<.001	<.1	<.001	<.001	<.001
APR 20...	10	6.7	<.01	<1	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JUL 07...	20	5.3	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001

DATE	DI- AZINON, TOTAL (UG/L)	DI- ELDRIN TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL (UG/L)
OCT 15...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN 19...	.05	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 20...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 07...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIRFX, TOTAL (UG/L)	PARA- THION, TOTAL (UG/L)	PER- THANE TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)
OCT 15...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	4.0	.4
JAN 19...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	2.0	<.1
APR 20...	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	9.7	<.1
JUL 07...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	25.0	<.1

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

301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.0	18.0	18.0	12.0	13.0	12.0	14.0	22.0	23.0	26.0	24.0	22.0
2	25.0	22.0	19.0	12.0	12.0	12.0	12.0	22.0	23.0	27.0	24.0	24.0
3	23.0	19.0	20.0	12.0	10.0	14.0	14.0	22.0	24.0	26.0	23.0	26.0
4	23.0	15.0	22.0	10.0	9.0	15.0	14.0	18.0	24.0	27.0	25.0	25.0
5	23.0	10.0	23.0	12.0	10.0	14.0	15.0	18.0	24.0	27.0	25.0	25.0
6	25.0	14.0	17.0	12.0	9.0	15.0	17.0	20.0	24.0	27.0	24.0	25.0
7	24.0	12.0	25.0	10.0	9.0	17.0	17.0	22.0	23.0	26.0	25.0	23.0
8	25.0	12.0	14.0	13.0	9.0	17.0	16.0	22.0	23.0	25.0	24.0	23.0
9	25.0	15.0	17.0	13.0	9.0	17.0	17.0	20.0	22.0	26.0	24.0	24.0
10	23.0	14.0	14.0	12.0	11.0	10.0	16.0	22.0	23.0	25.0	26.0	25.0
11	23.0	---	14.0	11.0	12.0	8.0	17.0	23.0	23.0	25.0	27.0	25.0
12	24.0	17.0	12.0	10.0	12.0	8.0	20.0	22.0	23.0	26.0	25.0	24.0
13	23.0	23.0	---	10.0	10.0	12.0	18.0	22.0	24.0	27.0	24.0	24.0
14	18.0	17.0	14.0	12.0	12.0	17.0	18.0	23.0	24.0	27.0	25.0	22.0
15	17.0	13.0	14.0	10.0	12.0	17.0	17.0	22.0	25.0	26.0	27.0	22.0
16	18.0	12.0	12.0	8.0	12.5	13.0	17.0	20.0	25.0	27.0	26.0	23.0
17	17.0	14.0	12.0	8.0	12.0	14.0	17.0	19.0	27.0	28.0	27.0	24.0
18	17.0	17.0	13.0	8.0	12.0	14.0	17.0	22.0	26.0	27.0	25.0	26.0
19	18.0	17.0	13.0	7.0	8.0	14.0	14.0	22.0	24.0	27.0	26.0	25.0
20	19.0	16.0	8.0	7.0	12.0	15.0	15.0	23.0	22.0	25.0	26.0	25.0
21	18.0	18.0	10.0	7.0	13.0	13.0	15.0	24.0	23.0	26.0	26.0	28.0
22	19.0	18.0	14.0	5.0	13.0	13.0	16.0	25.0	23.0	25.0	27.0	22.0
23	18.0	18.0	13.0	7.0	14.0	12.0	17.0	23.0	23.0	27.0	27.0	18.0
24	15.0	18.0	15.0	7.0	13.0	13.0	16.0	24.0	25.0	27.0	28.0	18.0
25	14.0	15.0	15.0	8.0	14.0	12.0	15.0	23.0	24.0	27.0	28.0	24.0
26	13.0	18.0	15.0	8.0	12.0	13.0	17.0	22.0	24.0	28.0	27.0	22.0
27	16.0	18.0	17.0	8.0	12.0	13.0	19.0	23.0	24.0	27.0	28.0	20.0
28	---	17.0	16.0	8.0	10.0	14.0	19.0	25.0	23.0	26.0	28.0	20.0
29	---	15.0	14.0	8.0	---	15.0	21.0	24.0	24.0	26.0	28.0	20.0
30	---	23.0	12.0	12.0	---	13.0	22.0	24.0	24.0	25.0	26.0	20.0
31	19.0	---	12.0	10.0	---	13.0	---	24.0	---	26.0	28.0	---
MAX	25.0	23.0	25.0	13.0	14.0	17.0	22.0	25.0	27.0	28.0	28.0	28.0
MIN	13.0	10.0	8.0	5.0	8.0	8.0	12.0	18.0	22.0	25.0	23.0	18.0

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4700	5400	4500	2300	1600	980	630	360	670	520	2400	870
2	4800	4900	4500	2400	1400	980	800	560	660	580	2500	830
3	5400	5400	5500	1600	1300	1400	860	600	600	300	2400	970
4	5700	3800	5300	1900	1900	1500	960	520	660	270	1600	1100
5	5700	3500	3700	2200	2400	890	680	580	690	360	1200	1600
6	5800	4000	3500	1400	1100	930	680	460	500	240	1200	1800
7	5000	4000	3600	1700	1300	960	510	640	840	150	1300	1300
8	4500	4000	3300	2000	1300	970	500	550	290	140	920	2400
9	4500	4200	2700	1800	1800	1000	400	530	260	160	910	1200
10	4200	4100	3500	1900	1700	1200	490	560	510	180	950	1200
11	4000	4200	3900	1900	1000	1100	440	550	440	200	850	1200
12	4000	5700	2400	1800	---	1200	460	560	370	230	710	1200
13	3800	4900	3200	2000	1900	1200	250	510	350	190	710	1100
14	3600	3400	3300	2200	1300	1100	250	410	320	180	610	930
15	3500	4600	1400	1900	1500	750	290	400	410	200	570	940
16	3300	4500	2300	2300	---	580	340	370	480	250	520	930
17	3200	4500	2500	2400	1300	910	440	490	560	260	670	930
18	3600	5000	2800	2400	1500	810	420	530	620	250	740	890
19	4000	4400	2700	1400	1500	880	520	470	220	300	790	960
20	4500	4600	2800	1500	1900	910	750	460	140	180	640	1000
21	4100	4700	2400	2300	1200	1000	720	570	150	230	670	910
22	4000	4600	2800	1900	900	1000	730	620	190	140	610	860
23	3600	4300	1700	1600	1200	1000	460	500	290	240	580	940
24	3600	4400	810	1800	1100	600	510	590	300	330	690	990
25	3600	4300	820	2400	1300	620	530	620	300	510	720	2000
26	3600	4400	780	2700	1100	590	600	630	300	500	610	990
27	3600	4500	1000	2200	630	720	680	670	320	220	770	1100
28	---	5000	1100	2500	460	690	510	610	310	220	880	1100
29	---	4300	1600	2400	---	1000	430	660	340	190	710	1100
30	---	4700	2200	2600	---	660	420	720	470	1600	730	1100
31	4700	---	2200	2700	---	830	---	620	---	1900	790	---
MAX	5800	5700	5500	2700	2400	1500	960	720	840	1900	2500	2400
MIN	3200	3400	780	1400	460	580	250	360	140	140	520	830

MISSISSIPPI RIVER DELTA

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA

LOCATION.--Lat 30°36'57", long 90°14'55", on line between SE1/4NE1/4 and SW1/4NE1/4 sec. 13, T.5 S., R. 9 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08090201, near center of span on downstream side of bridge on State Highway 40, 1.2 mi upstream from Bull Branch, and 3.6 mi southwest of Folsom.

DRAINAGE AREA.--95.5 mi², not including Bull Branch which has a drainage area of 7.5 mi² at State Highway 40. Total drainage area for extreme floods is 103 mi².

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944 monthly discharge only, published in WSP 1311. Prior to October 1954, published as Chefunct River near Folsom.

REVISED RECORDS.--WSP 1057: 1944(M), 1945. WSP 1281: 1953(M).

GAGE.--Water-stage recorder. Datum of gage is 62.11 ft National Geodetic Vertical Datum of 1929. Prior to June 9, 1944, nonrecording gage at same site and datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--40 years, 162 ft³/s, 23.06 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,800 ft³/s Apr. 5, 1983, gage height, 24.12 ft from rating curve extended above 13,000 ft³/s by slope conveyance measurement at gage height 24.12 ft; minimum discharge, 26 ft³/s Sept. 4, 15, 1968; minimum gage height, 4.80 ft Oct. 5, 6, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 5	1015	2700	17.04	Apr. 15	0200	2950	17.30
Feb. 2	1145	2290	16.48	May 22	2345	2900	17.25
Feb. 23	0300	2500	16.78	Aug. 3	0800	3850	18.04
Apr. 6	1715	*29800	*24.12				

Minimum discharge, 37 ft³/s Oct. 27, 28, 29; minimum gage height, 4.83 ft Oct. 26, 27, 28.

REVISIONS.--The maximum discharges for some water years have been revised, as shown in the following table. They supersede figures published in WSP 1147, 1281, and WDR LA-61-1, 62-1, 73-1, 77-2.

Water year	Date	Discharge (ft ³ /s)	Gage height (ft)	Water year	Date	Discharge (ft ³ /s)	Gage height (ft)
1949	Nov. 27, 1948	13700	21.59	1962	Nov. 14, 1961	16100	22.10
1953	May 3, 1953	17000	22.26	1973	Mar. 25, 1973	13800	21.63
1961	Feb. 22, 1961	16000	22.07	1977	Apr. 22, 1977	13100	21.47

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	40	90	278	461	299	156	109	89	112	81	123
2	41	40	302	618	1870	219	135	106	87	88	1650	105
3	41	43	240	769	1000	164	136	105	86	80	2900	98
4	43	50	468	509	472	139	115	104	85	76	1050	96
5	42	44	2150	233	255	276	100	102	110	74	742	94
6	43	41	997	164	502	1120	13300	98	158	77	593	163
7	47	41	398	135	734	727	10800	95	259	143	554	349
8	58	40	177	117	450	307	3160	94	173	95	410	455
9	55	39	126	107	233	188	1090	92	123	75	770	493
10	50	38	103	107	588	148	587	91	99	71	765	149
11	47	38	104	99	993	125	340	90	89	68	399	175
12	46	38	203	87	595	111	247	90	86	66	234	206
13	45	38	368	80	274	103	204	89	83	66	293	194
14	45	39	195	75	195	97	997	88	82	65	428	132
15	44	39	149	73	162	93	2060	87	81	65	332	97
16	44	38	318	70	147	89	802	102	85	64	175	82
17	44	39	439	68	182	88	372	105	83	63	147	74
18	43	44	211	66	172	87	235	96	82	94	134	71
19	42	51	140	65	133	85	191	89	116	138	128	68
20	42	58	118	174	117	85	170	88	141	121	129	70
21	41	58	96	678	111	158	156	93	151	185	115	106
22	41	47	86	764	541	266	147	944	120	98	109	121
23	40	43	80	368	1770	126	211	1780	98	80	105	80
24	39	41	77	191	658	181	284	612	92	72	106	70
25	39	39	74	160	292	377	187	214	94	69	100	65
26	38	38	73	194	193	374	144	143	122	67	97	63
27	38	39	82	169	155	580	129	120	120	67	96	61
28	38	62	171	134	218	749	122	108	103	68	95	60
29	38	102	216	116	---	366	116	101	100	86	93	58
30	38	70	155	161	---	184	113	96	124	77	155	58
31	39	---	111	194	---	173	---	92	---	71	226	---
TOTAL	1331	1377	8517	7023	13473	8084	36806	6223	3321	2641	13211	4036
MEAN	42.9	45.9	275	227	481	261	1227	201	111	85.2	426	135
MAX	58	102	2150	769	1870	1120	13300	1780	259	185	2900	493
MIN	38	38	73	65	111	85	100	87	81	63	81	58
CFSM	.45	.48	2.88	2.38	5.04	2.73	12.8	2.11	1.16	.89	4.46	1.41
IN.	.52	.54	3.32	2.74	5.25	3.15	14.34	2.42	1.29	1.03	5.15	1.57
CAL YR 1982	TOTAL	41221	MEAN 113	MAX 2150	MIN 38	CFSM 1.18	IN 16.06					
WTR YR 1983	TOTAL	106043	MEAN 291	MAX 13300	MIN 38	CFSM 3.05	IN 41.31					

MISSISSIPPI RIVER DELTA

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07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.89	4.91	5.93	8.15	9.53	8.41	6.86	6.22	5.91	6.36	5.76	6.08
2	4.90	4.93	8.41	10.92	15.66	7.60	6.58	6.18	5.88	6.00	13.19	5.81
3	4.91	4.99	7.75	11.94	13.03	6.96	6.59	6.15	5.85	5.86	17.10	5.71
4	4.92	5.11	9.55	10.13	9.83	6.64	6.30	6.14	5.84	5.78	13.21	5.68
5	4.90	5.02	16.17	7.74	7.98	8.00	6.08	6.11	6.22	5.75	11.77	5.65
6	4.94	4.96	12.97	6.97	10.08	13.58	17.48	6.05	6.86	5.80	10.77	6.55
7	5.00	4.95	9.22	6.59	11.73	11.60	20.73	6.01	8.02	6.80	10.48	8.53
8	5.20	4.94	7.12	6.34	9.65	8.45	17.22	5.99	7.07	6.12	9.38	9.47
9	5.14	4.93	6.45	6.19	7.76	7.26	13.41	5.97	6.43	5.79	11.64	9.98
10	5.05	4.93	6.13	6.19	10.64	6.76	10.71	5.94	6.08	5.71	11.84	7.00
11	4.99	4.93	6.14	6.06	13.07	6.45	8.77	5.93	5.93	5.66	8.97	7.34
12	4.98	4.94	7.40	5.88	10.74	6.26	7.90	5.93	5.87	5.64	7.43	7.72
13	4.96	4.94	9.03	5.75	8.16	6.13	7.45	5.90	5.83	5.63	8.02	7.57
14	4.95	4.97	7.31	5.65	7.33	6.04	11.86	5.89	5.81	5.63	9.23	6.78
15	4.94	4.95	6.76	5.61	6.94	5.97	15.87	5.88	5.78	5.62	8.34	6.28
16	4.93	4.93	8.56	5.56	6.74	5.91	12.02	6.12	5.88	5.61	6.75	6.01
17	4.91	4.98	9.60	5.51	7.18	5.89	9.03	6.16	5.83	5.60	6.40	5.87
18	4.90	5.08	7.49	5.48	7.06	5.88	7.78	6.03	5.84	6.09	6.23	5.81
19	4.89	5.21	6.64	5.47	6.56	5.83	7.29	5.90	6.36	6.76	6.15	5.75
20	4.89	5.35	6.35	6.95	6.33	5.84	7.03	5.89	6.71	6.52	6.16	5.80
21	4.89	5.35	6.02	11.25	6.25	6.83	6.86	5.98	6.85	7.31	5.97	6.39
22	4.87	5.17	5.86	11.87	9.41	8.07	6.75	10.72	6.43	6.18	5.87	6.62
23	4.86	5.09	5.75	8.98	15.31	6.46	7.51	15.24	6.12	5.87	5.83	5.99
24	4.86	5.05	5.68	7.29	11.14	7.14	8.26	10.81	6.03	5.72	5.84	5.80
25	4.85	5.03	5.63	6.91	8.33	9.10	7.24	7.53	6.06	5.64	5.75	5.71
26	4.85	5.02	5.61	7.32	7.31	9.08	6.70	6.70	6.47	5.59	5.70	5.66
27	4.85	5.05	5.77	7.03	6.85	10.66	6.50	6.38	6.47	5.57	5.68	5.63
28	4.85	5.48	7.04	6.57	7.57	11.81	6.41	6.21	6.22	5.58	5.67	5.60
29	4.86	6.12	7.58	6.32	---	8.95	6.33	6.09	6.18	5.91	5.64	5.58
30	4.87	5.62	6.84	6.91	---	7.21	6.27	6.02	6.52	5.72	6.47	5.57
31	4.90	---	6.26	7.32	---	7.08	---	5.96	---	5.61	7.32	---
MAX	5.20	6.12	16.17	11.94	15.66	13.58	20.73	15.24	8.02	7.31	17.10	9.98
MIN	4.85	4.91	5.61	5.47	6.25	5.83	6.08	5.88	5.78	5.57	5.64	5.57

MISSISSIPPI RIVER DELTA

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°29'40", long 90°10'10", in SW1/4 sec. 26, T.6 S., R.10 E., St. Helena Meridian, St. Tammany Parish, Hydrologic Unit 08090201, at bridge on U.S. Highway 190, and 4.0 mi west of Covington.

DRAINAGE AREA.--145 mi².

PERIOD OF RECORD.--Water years 1959, 1966-68, 1974, 1978 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1978 to September 1982.

WATER TEMPERATURES: April 1978 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 66 micromhos Feb. 24, 1979; minimum daily, 20 micromhos, Apr. 14, May 17, 18, 22, 1980.

WATER TEMPERATURES: Maximum daily, 34.0°C July 25, 1980; minimum daily, 4.0°C Jan. 11, 12, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, RIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 14...	1200	52	39	6.0	20.0	30	29	8.7	.9	K80	420
JAN 27...	1115	307	40	6.2	10.5	30	16	10.0	1.1	520	620
MAY 15...	1600	--	40	6.0	15.0	30	8.0	8.7	.4	120	770
JUL 19...	1215	164	36	6.1	26.0	20	5.5	7.8	.7	520	840

DATE	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 14...	7	1.5	.7	3.2	.6	7	<5.0	4.2	<.1	13
JAN 27...	8	1.6	.9	3.5	2.0	5	5.7	6.0	<.1	9.3
MAY 15...	8	1.6	.9	4.1	1.2	8	4.3	4.8	<.1	12
JUL 19...	7	1.5	.7	3.4	1.1	7	3.5	4.0	<.1	11

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)
OCT 14...	38	--	<.10	.07	1.0	.06	.03	.03	60	1
JAN 27...	40	32	.45	.13	.3	.06	--	.04	100	1
MAY 15...	35	34	2.2	.09	.5	.16	--	.10	110	1
JUL 19...	--	32	.14	.02	.4	.08	.07	.03	10	1

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

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

MISSISSIPPI RIVER DELTA

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07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CORALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LITHIUM DIS- SOLVED (UG/L AS LI)
OCT 14...	24	<1	1	<1	<3	4	260	3	<4
JAN 27...	28	<1	1	--	<3	6	220	<1	<4
MAR 15...	32	<1	<1	<1	4	6	510	3	<4
JUL 19...	23	<1	<1	<1	<3	1	230	5	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 14...	27	<.1	<10	3	<1	<1	17	<6	16
JAN 27...	24	.3	<10	2	--	2	14	<6	15
MAR 15...	39	.1	<10	1	<1	<1	18	<6	8
JUL 19...	21	<.1	<10	3	<1	<1	17	<6	4

DATE	SEDI- MENT, DIS- SOLVED (MG/L)	SEDI- MENT, CHARGE, SUS- PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 14...	16	2.2	73
JAN 27...	42	35	64
MAR 15...	10	--	76
JUL 19...	19	8.4	84

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

MISSISSIPPI RIVER DELTA

07375500 TANGIPAHOA RIVER AT ROBERT, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°30'23", long 90°21'42", on line between lots 39 and 40, T. 6 S., R. 8 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08070205, near left bank on downstream side of bridge on U.S. Highway 190, 1.2 mi west of Robert, 2.8 mi downstream from Chappeeela Creek, and 6.0 mi east of Hammond.

WATER-DISCHARGE RECORDS

DRAINAGE AREA.--646 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 6.87 ft National Geodetic Vertical Datum of 1929. Prior to Nov. 25, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--45 years, 1,154 ft³/s, 24.26 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 85,000 ft³/s Apr. 7, 1983, gage height, 25.87 ft, from floodmark, from rating curve extended above 62,700 ft³/s; minimum discharge, 245 ft³/s Oct. 30 to Nov. 3, 1968; minimum gage height, 2.95 ft Oct. 25, 1939.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1921 reached a stage of 27.1 ft, from floodmark.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 8,000 ft³/s and maximum(*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 5	1900	18400	18.60	Apr. 15	0530	11800	17.01
Feb. 2	1545	12900	17.32	May 23	0545	12600	17.24
Apr. 7	unknown	*85000	a*25.87	Aug. 3	unknown	25000	unknown

a From floodmark.

Minimum discharge, 425 ft³/s Oct. 29; minimum gage height, 5.28 ft Oct. 1, 5, 6, 29, 30.

DISCHARGE, IN CURIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	427	627	979	3150	4220	1700	1250	939	817	1340	590	880
2	427	483	1060	5270	11500	1430	1150	908	789	1130	1600	616
3	432	457	839	6270	12000	1220	1180	885	768	975	15000	609
4	429	448	6170	4780	8750	1100	1070	863	755	870	7600	638
5	426	442	17800	2520	4110	1460	958	843	760	814	4200	628
6	441	439	19000	1680	4600	2650	20800	822	1430	1660	3000	856
7	490	435	10700	1370	6410	2750	78500	802	1540	1230	2800	1230
8	669	433	4280	1200	4640	1770	64600	785	2220	927	2100	1750
9	618	432	1950	1160	2410	1330	27900	770	2700	787	3900	1160
10	537	431	1480	1310	4350	1120	11400	757	1450	737	3800	759
11	477	430	1400	1170	7180	997	5430	749	1060	707	2000	901
12	456	431	2290	1030	6160	917	2680	742	906	692	1200	1260
13	451	432	2010	937	3180	869	1990	733	825	682	1500	956
14	449	432	1430	877	1980	828	5770	721	778	660	2100	761
15	445	435	1440	833	1590	802	10700	718	762	650	1700	670
16	440	431	1980	801	1430	783	7310	947	781	640	1100	625
17	437	442	2030	775	1460	763	3620	1300	854	630	880	602
18	434	479	1450	753	1340	749	2120	964	956	620	840	590
19	433	561	1200	737	1190	732	1720	803	1200	615	800	582
20	432	559	1070	1680	1090	744	1530	763	1130	610	760	659
21	435	555	974	4700	1120	1330	1410	1010	992	701	720	1330
22	436	514	910	5930	4110	1580	1340	5260	857	660	690	971
23	433	487	875	3400	5960	1260	1510	11000	1240	630	680	748
24	432	469	972	1930	3060	1510	1580	5250	2280	600	660	653
25	430	458	922	1500	1820	2660	1430	2490	1970	595	640	617
26	428	456	969	1650	1410	2800	1240	1560	2190	590	630	600
27	427	457	1550	1490	1230	5170	1140	1230	2810	585	620	588
28	427	531	2890	1290	1390	6080	1070	1080	2430	580	610	580
29	425	573	3980	1330	---	3340	1020	983	2130	702	600	574
30	427	559	3380	1640	---	1790	976	911	1810	640	900	571
31	463	---	1940	1800	---	1430	---	858	---	600	1300	---
TOTAL	14113	14318	99920	64963	109690	53664	264394	48446	41190	23859	65520	23964
MEAN	455	477	3223	2096	3918	1731	8813	1563	1373	770	2114	799
MAX	669	627	19000	6270	12000	6080	78500	11000	2810	1660	15000	1750
MIN	425	430	839	737	1090	732	958	718	755	580	590	571
CFSM	.70	.74	4.99	3.25	6.07	2.68	13.6	2.42	2.13	1.19	3.27	1.24
IN.	.81	.82	5.75	3.74	6.32	3.09	15.23	2.79	2.37	1.37	3.77	1.38
CAL YR 1982	TOTAL	414144	MEAN	1135	MAX	19000	MIN	425	CFSM	1.76	IN	23.85
WTR YR 1983	TOTAL	824041	MEAN	2258	MAX	78500	MIN	425	CFSM	3.50	IN	47.45

NOTE: No gage-height record July 14-20, 22-29, July 31 to Sept. 1.

MISSISSIPPI RIVER DELTA

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07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.29	6.28	7.39	12.01	12.80	9.29	8.16	7.30	6.96	8.39	---	---
2	5.29	5.62	7.63	14.22	16.88	8.62	7.88	7.22	6.87	7.82	---	6.25
3	5.33	5.49	7.01	14.90	17.06	8.06	7.95	7.15	6.80	7.40	---	6.22
4	5.30	5.43	13.95	13.81	15.99	7.75	7.65	7.09	6.76	7.11	---	6.34
5	5.29	5.39	18.24	11.04	13.13	8.68	7.35	7.03	6.78	6.95	---	6.30
6	5.38	5.37	18.26	9.25	13.64	11.32	16.73	6.97	8.62	9.18	---	7.01
7	5.66	5.34	16.62	8.46	14.99	11.50	25.42	6.91	8.89	8.09	---	8.07
8	6.46	5.33	13.16	8.01	13.64	9.46	24.35	6.86	10.47	7.27	---	9.42
9	6.26	5.33	9.88	7.92	10.86	8.37	20.16	6.81	11.43	6.86	---	7.89
10	5.89	5.32	8.75	8.32	13.29	7.81	16.84	6.77	8.67	6.70	---	6.77
11	5.59	5.31	8.55	7.92	15.41	7.46	14.24	6.74	7.63	6.60	---	7.17
12	5.48	5.32	10.63	7.56	14.81	7.24	11.36	6.72	7.21	6.55	---	8.17
13	5.45	5.33	10.00	7.30	12.08	7.11	9.98	6.69	6.98	6.51	---	7.35
14	5.43	5.33	8.62	7.13	9.95	6.99	13.95	6.65	6.84	---	---	6.78
15	5.41	5.34	8.64	7.01	9.03	6.91	16.66	6.64	6.78	---	---	6.47
16	5.38	5.32	9.96	6.91	8.62	6.85	15.41	7.32	6.84	---	---	6.29
17	5.36	5.39	10.05	6.82	8.69	6.79	12.59	8.28	7.06	---	---	6.20
18	5.34	5.60	8.66	6.75	8.40	6.74	10.25	7.37	7.34	---	---	6.15
19	5.33	6.01	8.03	6.70	7.99	6.69	9.33	6.91	8.01	---	---	6.12
20	5.33	6.00	7.67	9.11	7.73	6.72	8.87	6.79	7.84	---	---	6.41
21	5.35	5.98	7.40	13.72	7.78	8.36	8.57	7.45	7.45	6.58	---	8.36
22	5.35	5.78	7.22	14.68	13.04	9.01	8.39	13.56	7.07	---	---	7.39
23	5.33	5.65	7.12	12.36	14.69	8.19	8.82	16.75	8.08	---	---	6.74
24	5.32	5.55	7.39	9.83	11.89	8.80	8.99	14.10	10.61	---	---	6.40
25	5.32	5.49	7.26	8.78	9.58	11.36	8.62	10.99	9.93	---	---	6.26
26	5.30	5.48	7.38	9.17	8.56	11.52	8.11	8.94	10.41	---	---	6.19
27	5.30	5.49	8.91	8.78	8.09	14.13	7.85	8.10	11.64	---	---	6.14
28	5.30	5.86	11.70	8.26	8.52	14.78	7.65	7.69	10.91	---	---	6.11
29	5.28	6.07	13.15	8.38	---	12.17	7.52	7.42	10.29	---	---	6.08
30	5.29	6.00	12.42	9.14	---	9.51	7.40	7.23	9.56	6.58	---	6.06
31	5.49	---	9.85	9.54	---	8.62	---	7.08	---	---	---	---
MAX	6.46	6.28	18.26	14.90	17.06	14.78	25.42	16.75	11.64	9.18	---	9.42
MIN	5.28	5.31	7.01	6.70	7.73	6.69	7.35	6.64	6.76	---	---	6.06

MISSISSIPPI RIVER DELTA

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1954-56, 1966-76, 1979 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1979 to September 1982.

WATER TEMPERATURES: November 1979 to September 1982.

INSTRUMENTATION.--Water-quality monitor November 1979 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 87 micromhos Dec. 6, 1981; minimum, 27 micromhos Apr. 2, 3, 1982.

WATER TEMPERATURES: Maximum, 33.0°C July 22, 24, 1981; minimum, 4.0°C Jan. 15, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 14...	1230	449	50	6.0	21.0	15	4.1	8.9	1.0	K160	K700
JAN 27...	1145	1490	49	6.3	10.0	30	21	9.8	1.8	2200	8200
APR 26...	0900	1240	51	6.1	18.5	15	24	8.5	1.5	140	1100
JUL 20...	1015	--	51	6.4	26.5	5	2.2	7.9	.7	76	270

DATE	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 14...	9	2.1	.9	4.8	1.1	10	<5.0	6.0	<.1	13
JAN 27...	10	2.2	1.1	4.0	2.1	8	5.4	5.6	<.1	9.9
APR 26...	12	2.8	1.1	3.7	1.6	10	4.6	5.3	<.1	10
JUL 20...	10	2.4	.9	4.7	1.3	10	4.5	7.4	<.1	12

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)
OCT 14...	45	--	.25	.04	.4	.08	.04	.03	10	2
JAN 27...	39	35	.52	.15	.4	.11	--	.05	<10	2
APR 26...	69	35	.35	.07	.4	.22	--	.02	<10	1
JUL 20...	38	39	.14	.02	.3	.06	.03	.02	<10	1

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

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

MISSISSIPPI RIVER DELTA

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07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM, DIS- SOLVED (UG/L AS CD)	CHROMIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LITHIUM, DIS- SOLVED (UG/L AS LI)
OCT 14...	30	<1	2	<1	<3	--	280	--	<4
JAN 27...	36	<1	<1	--	<3	11	180	<1	<4
APR 26...	44	<1	<1	<1	<3	1	210	5	<4
JUL 20...	32	<1	<1	<1	<3	6	300	12	<4

DATE	MANGANESE, DIS- SOLVED (UG/L AS MN)	MERCURY, DIS- SOLVED (UG/L AS HG)	MOLYBDENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELENIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRONTIUM, DIS- SOLVED (UG/L AS SR)	VANADIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 14...	30	<.1	<10	--	<1	<1	20	<6	20
JAN 27...	39	.4	<10	1	--	<1	20	<6	15
APR 26...	130	<.1	<10	4	<1	<1	26	<6	3
JUL 20...	90	<.1	<10	2	<1	<1	31	<6	15

DATE	SEDI- MENT, DIS- SOLVED (MG/L)	SEDI- MENT, DIS- SOLVED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 14...	146	177	71
APR 26...	31	104	84
JUL 20...	17	--	82

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

MISSISSIPPI RIVER DELTA

07375800 TICKFAW RIVER AT LIVERPOOL, LA

LOCATION.--Lat 30°55'50", long 90°40'24", on line between lots 46 and 47, T. 1 S., R. 5 E., St. Helena meridian, St. Helena Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on State Highway 38, 0.2 mi east of intersection of State Highways 38 and 441, 0.5 mi upstream from Cotton Patch Branch, and 1.0 mi north of Liverpool.

DRAINAGE AREA.--89.7 mi².

PERIOD OF RECORD.--March 1956 to September 1968, October 1979 to September 1981 (published as "near Liverpool"). October 1968 to September 1979 (annual maximums only), October 1981 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 204.44 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works). Prior to Oct. 1, 1982 altitude of gage, 206 ft, from topographic map. Mar. 9, 1956, to Sept. 30, 1968, at site 0.2 mi west at same datum. Oct. 1, 1963, to Aug. 9, 1979, nonrecording gage and crest-stage indicator at same site 0.2 mi west at same datum.

AVERAGE DISCHARGE.--14 years (1957-68, 1980-81), 116 ft³/s, 17.56 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32,000 ft³/s Apr. 6, 1983, maximum gage height, 13.30 ft; minimum discharge, 29 ft³/s Sept. 26-30, 1968; minimum gage height, 1.76 ft Oct. 9, 11, 12, 13, 14, 15, 16, 1968.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.30 ft Apr. 6; minimum, 2.23 ft Oct. 1-2, 3, 4-6.

DISCHARGE MEASUREMENT MADE DURING YEAR

Date	Discharge (ft ³ /s)
Apr. 6, 1981.....	15800

GAGE HEIGHT (FEET ABOVE DATUM, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.23	2.83	3.49	5.05	7.70	3.31	2.78	2.85	2.76	3.30	2.63	2.63
2	2.23	2.69	3.42	7.22	9.01	3.03	2.86	2.84	2.75	2.99	4.71	2.62
3	2.23	2.77	4.22	7.15	6.74	2.88	2.79	2.83	2.75	2.85	6.26	2.62
4	2.23	2.79	9.86	4.21	3.86	2.89	2.69	2.83	2.74	2.78	6.12	2.64
5	2.23	2.83	9.16	3.40	3.81	5.09	3.65	2.81	2.85	2.75	3.93	2.64
6	2.24	2.88	6.82	3.12	6.77	5.95	12.01	2.80	3.20	2.92	3.09	2.67
7	2.32	2.86	3.65	2.96	6.87	3.84	10.49	2.79	4.81	2.75	2.92	2.66
8	2.44	2.86	3.09	2.97	3.98	3.14	9.04	2.80	5.17	2.71	2.88	2.63
9	2.38	2.87	2.87	4.11	3.46	2.89	8.11	2.79	3.32	2.69	---	2.62
10	2.29	2.93	2.76	3.67	6.22	2.74	5.43	2.79	2.99	2.68	---	2.62
11	2.27	2.99	2.87	3.18	7.24	2.66	3.95	2.79	2.87	2.67	---	2.63
12	2.30	3.03	3.07	2.94	4.52	---	3.54	2.78	2.81	2.67	---	2.67
13	2.33	3.04	2.91	2.79	3.42	---	3.38	2.78	2.78	2.66	---	2.67
14	2.33	3.05	2.77	2.71	3.14	---	7.11	2.77	2.77	2.66	---	2.64
15	2.33	3.07	3.05	2.65	2.99	---	8.11	2.79	2.77	2.65	---	2.62
16	2.33	3.12	3.65	2.61	2.90	---	5.05	3.19	2.99	2.64	---	2.61
17	2.33	3.27	3.18	2.58	2.86	---	3.62	3.09	3.02	2.64	---	2.61
18	2.34	3.34	2.86	2.55	2.79	---	3.34	2.84	2.90	2.63	---	2.61
19	2.34	3.35	2.74	2.55	2.72	---	3.19	2.80	2.85	2.65	---	2.66
20	2.35	3.31	2.66	5.01	2.68	---	3.13	2.81	2.81	2.65	---	2.74
21	2.35	3.23	2.60	7.76	2.95	---	3.05	4.90	2.77	2.64	---	2.76
22	2.37	3.23	2.68	6.51	6.68	---	3.03	6.96	2.78	2.63	---	2.71
23	2.39	3.25	3.06	3.76	7.07	---	3.18	4.67	2.94	2.63	---	2.66
24	2.39	3.31	3.57	3.25	4.04	---	3.07	3.37	2.99	2.62	---	2.63
25	2.40	3.33	4.28	3.72	3.30	---	3.00	3.04	3.57	2.62	---	2.62
26	2.43	3.34	5.08	4.20	3.03	---	2.94	2.92	3.71	2.62	2.59	2.61
27	2.46	3.37	6.52	3.43	2.92	---	2.90	2.86	3.95	2.62	2.70	2.61
28	2.51	3.56	7.82	3.28	3.35	---	2.88	2.83	4.76	2.67	2.61	2.60
29	2.55	3.52	6.96	3.28	---	---	2.87	2.80	4.54	2.63	2.59	2.60
30	2.61	3.44	3.99	4.06	---	3.02	2.87	2.79	3.59	2.62	2.60	2.60
31	3.28	---	3.37	3.49	---	2.87	---	2.77	---	2.63	---	---
MAX	3.28	3.56	9.86	7.76	9.01	5.95	12.01	6.96	5.17	3.30	6.26	2.76
MIN	2.23	2.69	2.60	2.55	2.68	---	2.69	2.77	2.74	2.62	---	2.60

07376000 TICKFAW RIVER AT HOLDEN, LA

LOCATION.--Lat 30°30'13", long 90°40'38", in SE1/4NE1/4 sec. 26, T. 6 S., R. 5 E., St. Helena meridian, Livingston Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on U.S. Highway 190, 0.5 mi west of Holden, and 5.1 mi upstream from Big Branch.

DRAINAGE AREA.--247 mi².

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

REVISED RECORDS.--WSP 1711: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 19.15 ft National Geodetic Vertical Datum of 1929. Prior to Sept. 13, 1944, nonrecording gage, Sept. 14, 1944, to June 14, 1948, water-stage recorder, June 15, 1949, to Dec. 9, 1949, nonrecording gage at same site and datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperature for the 1983 water year are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--43 years, 374 ft³/s 20.56 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,400 ft³/s Apr. 7, 1983, gage height, 21.04 ft; from floodmark, from rating curve extended above 18,700 ft³/s; minimum discharge, 65 ft³/s Oct. 1, 2, 3, 4, 1969; minimum gage height, 0.93 ft Sept. 26, 27, Oct. 21, 22, 23, 24, 28, 29, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 6	1115	7400	17.17	Mar. 29	0130	2250	9.39
Jan. 3	1445	2370	9.69	Apr. 7	unknown	*22400	a*21.04
Jan. 23	0030	2280	9.47	May 24	0300	4750	14.63
Feb. 4	0915	3810	12.85	Aug. 5	1900	3590	12.41

a From floodmark.

Minimum discharge, 78 ft³/s Oct. 24-31, minimum gage height, 0.96 ft Oct. 24, 25, 30, 31.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86	87	125	1760	1380	522	400	204	207	459	178	145
2	89	121	113	2090	2500	531	339	196	196	315	1830	141
3	88	101	177	2330	3380	417	317	187	188	257	2430	143
4	86	88	1730	2050	3680	350	302	181	181	216	2850	142
5	84	85	3420	1540	2850	376	293	173	199	192	3470	139
6	83	82	7240	904	1920	747	2640	167	245	206	3140	219
7	100	81	4640	491	2130	1210	19200	163	210	214	1510	206
8	104	81	3160	390	2120	948	15400	162	311	205	676	187
9	99	82	1300	374	1660	512	6390	159	500	174	677	163
10	96	82	497	647	1980	355	4380	158	482	161	535	146
11	93	82	413	624	2120	293	3260	157	277	152	464	152
12	88	82	849	445	1850	258	2220	155	217	147	401	178
13	86	82	1040	344	1400	236	920	156	192	144	338	195
14	84	82	535	289	772	221	2140	155	178	141	274	206
15	84	82	440	256	500	210	2450	172	172	138	240	163
16	83	82	459	233	491	202	2020	182	175	136	220	147
17	82	84	579	216	468	195	1860	226	292	136	207	139
18	82	89	453	203	397	189	1660	218	363	133	197	146
19	82	113	348	197	380	185	677	201	233	131	189	153
20	81	113	290	536	370	188	482	178	195	134	182	183
21	81	111	254	1470	360	428	406	198	177	142	177	246
22	81	110	231	2050	800	417	374	1920	169	135	173	261
23	80	103	216	2050	1430	323	367	3240	171	133	168	189
24	78	96	247	1520	1460	386	389	4370	260	127	179	162
25	78	92	305	700	880	896	384	2780	286	125	165	147
26	78	90	460	562	640	1110	310	751	458	123	159	140
27	78	91	865	602	470	1660	273	409	867	122	156	136
28	78	96	1340	487	439	2080	248	318	656	136	153	133
29	78	99	1790	397	---	2040	230	272	658	229	158	131
30	78	108	2040	500	---	1210	215	242	565	153	154	128
31	78	---	1740	695	---	534	---	222	---	135	148	---
TOTAL	2626	2777	37296	26952	38827	19229	70546	18272	9280	5351	21798	4966
MEAN	84.7	92.6	1203	869	1387	620	2352	589	309	173	703	166
MAX	104	121	7240	2330	3680	2080	19200	4370	867	459	3470	261
MIN	78	81	113	197	360	185	215	155	169	122	148	128
CFSM	.34	.38	4.87	3.52	5.62	2.51	9.52	2.39	1.25	.70	2.85	.67
IN.	.40	.42	5.62	4.06	5.85	2.90	10.62	2.75	1.40	.81	3.28	.75
CAL YR 1982	TOTAL	166236	MEAN 455	MAX 22400	MIN 78	CFSM 1.84	IN 25.04					
WTR YR 1983	TOTAL	257920	MEAN 707	MAX 19200	MIN 78	CFSM 2.86	IN 38.84					

MISSISSIPPI RIVER DELTA
07376000 . TICKFAW RIVER AT HOLDEN, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.99	1.08	1.59	8.13	7.00	4.07	3.50	2.47	2.33	3.78	1.95	1.57
2	.99	1.53	1.43	8.99	10.00	4.11	3.19	2.42	2.24	3.04	8.18	1.53
3	1.00	1.26	1.79	9.59	11.97	3.59	3.06	2.37	2.17	2.68	9.84	1.55
4	.99	1.09	7.96	8.89	12.59	3.25	2.97	2.32	2.11	2.40	10.81	1.54
5	.98	1.04	11.93	7.53	10.80	3.38	2.89	2.28	2.24	2.21	12.16	1.51
6	.98	1.02	16.63	5.49	8.55	4.92	10.08	2.23	2.60	2.32	11.45	2.14
7	1.23	1.00	14.33	3.93	9.11	6.55	20.42	2.19	2.35	2.38	7.38	2.06
8	1.31	1.00	11.49	3.45	9.06	5.68	19.59	2.16	2.99	2.31	4.69	1.92
9	1.23	1.01	6.67	3.37	7.85	4.01	16.50	2.13	3.98	2.05	4.68	1.72
10	1.19	1.01	3.96	4.57	8.71	3.27	13.95	2.10	3.87	1.94	4.06	1.58
11	1.15	1.02	3.57	4.49	9.08	2.92	11.72	2.07	2.81	1.87	3.68	1.62
12	1.09	1.01	5.30	3.72	8.37	2.69	9.30	2.05	2.40	1.82	3.32	1.85
13	1.06	1.01	5.98	3.21	7.10	2.54	5.56	2.03	2.21	1.79	2.94	1.97
14	1.04	1.01	4.12	2.89	5.03	2.44	9.07	2.02	2.09	1.75	2.54	2.07
15	1.04	1.01	3.70	2.68	3.97	2.35	9.89	2.13	2.04	1.73	2.31	1.72
16	1.03	1.01	3.79	2.52	3.93	2.28	8.82	2.22	2.06	1.70	2.17	1.58
17	1.01	1.03	4.31	2.39	3.83	2.23	8.41	2.54	2.86	1.71	2.07	1.51
18	1.02	1.10	3.76	2.30	3.49	2.19	7.83	2.48	3.30	1.67	2.00	1.57
19	1.01	1.44	3.23	2.25	---	2.14	4.69	2.34	2.52	1.65	1.93	1.64
20	1.01	1.43	2.89	4.02	---	2.18	3.89	2.13	2.23	1.69	1.89	1.89
21	1.00	1.41	2.67	7.31	---	3.60	3.54	2.26	2.08	1.77	1.84	2.34
22	1.00	1.39	2.51	8.90	---	3.58	3.38	8.42	2.01	1.69	1.80	2.44
23	.99	1.28	2.40	8.90	7.19	3.09	3.35	11.64	2.02	1.67	1.77	1.93
24	.97	1.18	2.61	7.45	7.30	3.41	3.47	13.93	2.71	1.61	1.86	1.71
25	.97	1.14	2.99	4.77	---	5.49	3.45	10.57	2.87	1.59	1.74	1.59
26	.97	1.11	3.79	4.24	---	6.22	3.07	4.93	3.64	1.57	1.68	1.52
27	.97	1.12	5.38	4.41	---	7.84	2.87	3.55	5.39	1.54	1.66	1.48
28	.97	1.18	6.94	3.91	3.70	8.97	2.73	3.07	4.62	1.69	1.63	1.46
29	.97	1.23	8.21	3.49	---	8.87	2.62	2.78	4.62	2.48	1.67	1.43
30	.97	1.36	8.86	3.96	---	6.49	2.54	2.59	4.25	1.87	1.65	1.41
31	.97	---	8.09	4.77	---	4.11	---	2.44	---	1.70	1.59	---
MAX	1.31	1.53	16.63	9.59	12.59	8.97	20.42	13.93	5.39	3.78	12.16	2.44
MIN	.97	1.00	1.43	2.25	---	2.14	2.54	2.02	2.01	1.54	1.59	1.41

07376500 NATALBANY RIVER AT BAPTIST, LA.

LOCATION.--Lat 30°30'15", long 90°32'45", in NE1/4NW1/4 sec.30, T. 6 S., R. 7 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08070203, near right bank on downstream side of bridge on U.S. Highway 190, 0.7 mi downstream from Still Branch, and 0.7 mi west of Baptist.

DRAINAGE AREA.--79.5 mi².

PERIOD OF RECORD.--August 1943 to current year.

REVISED RECORDS.--WSP 1057: 1943.

GAGE.--Water-stage recorder. Datum of gage is 11.28 ft National Geodetic Vertical Datum of 1929. Prior to June 4, 1948, nonrecording gage, and June 4, 1948, to Apr. 13, 1950, water-stage recorder at old highway bridge 100 ft upstream at same datum.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--40 years, 117 ft³/s, 19.98 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,810 ft³/s Apr. 7, 1983, gage height, 20.80 ft (observed); minimum discharge, 1.8 ft³/s Nov. 2-5, 1963; minimum gage height, 2.78 ft Oct. 14, 15, 16, 17, 18, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,700 ft³/s and maximum(*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 4	2030	4190	16.06	Apr. 14	2230	2190	13.18
Feb. 1	2245	2380	13.51	May 22	2145	2920	14.38
Feb. 10	1700	1890	12.59	Aug. 2	1200	2890	14.34
Apr. 7	1345	*9810	a*20.80				

a Observed.

Minimum discharge, 7.7 ft³/s Nov. 7, 11, 12; minimum gage height, 3.06 ft July 26, 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	8.3	107	1330	1660	208	92	31	27	72	175	31
2	11	8.4	35	1130	1890	137	84	30	26	49	2320	30
3	11	8.6	220	490	862	112	76	29	24	40	1110	29
4	10	8.8	3310	189	278	105	68	28	25	40	1070	85
5	10	8.4	3330	111	335	294	63	27	93	38	467	42
6	21	8.2	1160	81	1060	279	4430	26	297	200	352	130
7	59	7.9	233	67	560	154	9700	25	64	175	163	187
8	59	8.1	108	59	237	113	4700	24	38	31	382	162
9	49	8.0	76	85	297	100	1300	24	30	28	757	66
10	22	8.3	63	97	1690	96	305	26	27	27	131	46
11	15	8.3	241	71	948	90	75	27	25	25	72	96
12	13	8.2	435	58	344	86	49	28	25	24	120	77
13	13	8.4	186	51	183	82	38	28	23	24	72	141
14	11	8.4	92	47	135	78	1670	28	22	23	50	66
15	11	8.4	200	47	111	76	1280	47	21	22	42	44
16	10	9.3	209	45	155	74	175	70	56	22	38	34
17	9.9	10	109	42	183	72	40	36	45	21	41	31
18	9.7	13	69	41	122	74	34	34	138	21	36	28
19	9.5	42	55	43	105	140	31	32	94	21	34	26
20	9.5	23	47	921	100	280	29	32	58	24	32	122
21	9.3	14	42	961	184	274	28	71	36	24	32	456
22	9.0	12	38	393	952	133	27	2020	28	20	33	129
23	9.0	11	37	177	345	113	26	1730	32	19	33	51
24	8.9	10	36	120	182	400	80	496	117	18	54	35
25	8.8	10	37	155	125	317	60	139	90	17	34	28
26	8.5	10	51	157	114	525	40	72	504	17	32	26
27	8.4	12	339	115	103	1150	38	53	628	36	30	24
28	8.3	32	477	89	210	455	36	72	538	150	29	23
29	8.3	18	246	100	---	188	34	43	263	79	50	22
30	8.4	36	104	234	---	139	32	35	145	45	35	21
31	8.4	---	155	160	---	110	---	30	---	27	33	---
TOTAL	470.9	387.0	11847	7666	13470	6454	24640	5393	3539	1379	7859	2288
MEAN	15.2	12.9	382	247	481	208	821	174	118	44.5	254	76.3
MAX	59	42	3330	1330	1890	1150	9700	2020	628	200	2320	456
MIN	8.3	7.9	35	41	100	72	26	24	21	17	29	21
CFSM	.19	.16	4.81	3.11	6.05	2.62	10.3	2.19	1.48	.56	3.20	.96
IN.	.22	.18	5.54	3.59	6.30	3.02	11.53	2.52	1.66	.65	3.68	1.07
CAL YR 1982	TOTAL	37246.2	MEAN 102	MAX 3330	MIN 7.9	CFSM 1.28	IN 17.43					
WTR YR 1983	TOTAL	85392.9	MEAN 234	MAX 9700	MIN 7.9	CFSM 2.94	IN 39.96					

MISSISSIPPI RIVER DELTA

07376500 NATALBANY RIVER AT BAPTIST, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.17	3.15	4.57	10.96	11.57	5.08	---	---	3.35	3.95	4.29	---
2	3.17	3.16	3.73	10.21	12.52	4.49	---	---	3.31	3.64	13.35	---
3	3.19	3.17	4.74	7.11	8.84	4.27	---	---	3.27	3.50	9.94	---
4	3.16	3.18	14.82	5.15	5.53	---	---	---	3.27	3.50	9.92	3.99
5	3.17	3.17	14.93	4.48	5.75	5.67	---	---	3.86	3.43	6.96	3.39
6	3.41	3.16	9.87	4.17	9.85	5.59	15.73	---	5.75	5.04	6.30	4.29
7	4.07	3.16	5.53	3.99	7.33	4.64	20.78	---	3.86	4.91	4.94	4.85
8	4.09	3.16	4.59	3.87	5.25	4.28	---	---	3.48	3.34	6.05	4.61
9	3.95	3.16	4.28	4.15	5.45	---	---	---	3.32	3.28	8.19	3.73
10	3.50	3.16	4.13	4.27	12.11	---	---	3.56	3.27	3.27	4.69	3.48
11	3.33	3.16	5.46	3.97	9.30	---	4.30	3.56	3.22	3.23	4.10	4.05
12	3.27	3.16	6.85	3.78	6.01	---	3.98	3.56	3.22	3.21	4.55	3.94
13	3.26	3.16	5.18	3.67	4.85	---	3.81	3.55	3.18	3.20	4.07	4.57
14	3.23	3.16	4.42	3.60	4.44	---	11.68	3.54	3.16	3.18	3.77	3.85
15	3.21	3.16	5.25	3.59	4.24	---	10.43	3.82	3.14	3.17	3.63	3.56
16	3.19	3.18	5.37	3.53	4.60	---	5.11	4.05	3.69	3.16	3.56	3.42
17	3.18	3.21	4.58	3.48	4.86	---	3.85	3.66	3.56	3.13	3.59	3.38
18	3.18	3.31	4.17	3.44	4.34	---	---	3.61	4.58	3.14	3.49	3.36
19	3.17	3.86	4.00	3.45	4.20	---	---	3.55	4.18	3.13	3.46	3.34
20	3.17	3.55	3.87	8.94	---	---	---	3.54	3.76	3.21	3.41	4.39
21	3.16	3.32	3.79	9.37	4.88	5.56	---	4.01	3.42	3.19	3.40	6.91
22	3.16	3.25	3.73	6.31	9.33	4.46	---	12.05	3.28	3.13	3.39	4.64
23	3.16	3.21	3.69	4.77	6.04	4.28	---	11.83	3.32	3.11	3.39	3.81
24	3.16	3.19	3.67	4.27	4.87	6.37	---	7.12	4.37	3.09	3.70	3.55
25	3.15	3.18	3.68	4.55	4.39	5.86	---	4.75	4.13	3.08	3.39	3.42
26	3.15	3.18	3.86	4.57	---	6.83	---	4.10	6.63	3.07	---	3.38
27	3.15	3.22	6.19	4.22	---	10.21	---	3.83	7.73	3.37	---	3.35
28	3.14	3.68	7.08	3.97	5.09	6.72	---	4.07	7.33	4.71	---	---
29	3.14	3.40	5.59	4.05	---	4.91	---	3.66	5.56	4.03	---	---
30	3.16	3.60	4.47	5.20	---	4.51	---	3.50	4.65	3.61	---	---
31	3.16	---	4.70	4.62	---	---	---	3.42	---	3.35	---	---
MAX	4.09	3.86	14.93	10.96	12.52	10.21	20.78	12.05	7.73	5.04	13.35	6.91
MIN	3.14	3.15	3.67	3.44	---	---	---	3.42	3.14	3.07	---	---

MISSISSIPPI RIVER DELTA

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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, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 10, 1.5 mi upstream from Collins Creek, and 4.0 mi west of Darlington.

DRAINAGE AREA.--580 mi².

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.81 ft National Geodetic Vertical Datum of 1929. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, at datum 2.99 ft higher.

AVERAGE DISCHARGE.--33 years, 924 ft³/s, 21.63 in/yr.

REMARKS.--Records good. Records of dissolved oxygen and water temperature for water year 1983 are published under miscellaneous water-quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76,400 ft³/s Apr. 22, 1977, gage height, 21.76 ft; minimum, 188 ft³/s Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 4	2000	23300	17.05	Apr. 7	1000	*63300	*20.29
Dec. 28	0730	14900	15.18	Aug. 2	2345	9960	13.28
Feb. 2	0200	42400	19.03				

Minimum discharge, 247 ft³/s Oct. 30, Nov. 2, 5, 6, 7; minimum gage height, 2.94 ft Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	264	252	528	3450	11400	1100	732	486	437	1510	353	271
2	264	250	616	6980	34400	934	706	465	410	963	4980	269
3	264	258	1290	5820	10200	795	680	447	391	755	7310	276
4	262	254	16900	3730	3870	697	625	432	389	665	4330	280
5	259	248	20100	1720	2590	3170	1650	414	458	579	3450	287
6	275	248	12500	1200	5420	5530	38700	400	1010	576	1760	300
7	302	249	3910	958	4720	3540	58500	388	4650	520	1060	311
8	387	251	1470	857	2610	1510	28200	385	3980	568	978	297
9	357	253	1020	2680	1800	1010	12800	379	1450	493	1660	289
10	302	252	817	2430	4530	795	5510	377	884	443	1130	290
11	282	251	758	1500	5300	671	2600	380	687	416	706	313
12	272	255	980	1020	3370	594	1940	371	580	402	573	327
13	272	257	1060	797	1890	545	1610	363	519	391	515	341
14	272	257	853	683	1400	510	5350	353	477	383	474	331
15	270	252	828	609	1190	482	5400	369	1750	376	438	302
16	267	253	1320	553	1050	460	3140	1560	5350	367	408	295
17	262	285	1250	511	994	448	1770	1260	3340	364	390	294
18	262	390	894	476	922	436	1370	772	1500	365	371	295
19	256	440	709	456	830	415	1140	510	1260	382	364	331
20	262	1550	610	2980	772	912	1020	1200	937	459	361	341
21	259	668	543	6620	1190	2300	981	5030	822	428	343	441
22	256	401	510	5080	4700	1520	877	7000	830	364	329	505
23	252	331	571	2510	3780	830	909	6560	1300	348	318	422
24	250	324	774	1350	2360	3960	1010	5370	1500	340	313	349
25	250	323	1770	1520	1440	5110	795	1940	2310	328	305	332
26	250	303	5520	2140	1010	3650	692	1050	2690	322	296	328
27	249	300	10600	1690	823	3030	628	794	2780	319	316	330
28	249	650	13800	1810	990	2230	577	657	2270	665	339	329
29	249	934	8550	1450	---	1310	547	573	2520	617	319	327
30	263	657	3600	2850	---	956	515	503	1580	411	287	326
31	261	---	1700	2130	---	811	---	458	---	371	276	---
TOTAL	8401	11596	116351	68560	115551	50261	180974	41246	49061	15490	35052	9729
MEAN	271	387	3753	2212	4127	1621	6032	1331	1635	500	1131	324
MAX	387	1550	20100	6980	34400	5530	58500	7000	5350	1510	7310	505
MIN	249	248	510	456	772	415	515	353	389	319	276	269
CFSM	.47	.67	6.47	3.81	7.12	2.80	10.4	2.30	2.82	.86	1.95	.56
IN.	.54	.74	7.46	4.40	7.41	3.22	11.61	2.65	3.15	.99	2.25	.62

CAL YR 1982	TOTAL	354281	MEAN	971	MAX	20100	MIN	248	CFSM	1.67	IN	22.72
WTR YR 1983	TOTAL	702272	MEAN	1924	MAX	58500	MIN	248	CFSM	3.32	IN	45.04

MISSISSIPPI RIVER DELTA

07377000 AMITE RIVER NEAR DARLINGTON, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.03	3.06	3.97	7.76	12.27	4.79	4.04	3.86	3.66	5.34	3.22	3.05
2	3.03	3.05	4.18	11.35	18.30	4.51	3.97	3.82	3.60	4.50	8.69	3.04
3	3.03	3.08	4.94	10.29	12.48	4.26	3.90	3.78	3.55	4.12	11.49	3.05
4	3.03	3.07	15.29	8.11	---	4.08	3.76	3.73	3.55	3.94	8.79	3.06
5	3.02	3.04	16.47	5.67	---	7.35	5.08	3.69	3.70	3.77	7.81	3.07
6	3.08	3.03	14.15	4.95	---	10.01	18.29	3.66	4.68	3.76	5.69	3.10
7	3.23	3.04	6.22	4.55	---	7.90	20.04	3.63	9.07	3.63	4.66	3.13
8	3.53	3.06	5.32	4.38	---	5.38	17.50	3.61	8.37	3.73	4.53	3.08
9	3.43	3.07	4.65	6.88	---	4.64	14.37	3.59	5.29	3.56	5.55	3.04
10	3.24	3.06	4.30	6.60	---	4.26	9.90	3.59	4.42	3.44	4.76	3.03
11	3.13	3.06	4.19	5.37	---	4.03	6.82	3.58	4.05	3.38	4.04	3.10
12	3.09	3.08	4.58	4.66	---	3.88	5.98	3.56	3.84	3.34	3.77	3.13
13	3.09	3.09	4.72	4.27	---	3.77	5.54	3.54	3.70	3.30	3.65	3.16
14	3.09	3.08	4.37	4.05	---	3.70	9.73	3.51	3.61	3.28	3.56	3.12
15	3.09	3.06	4.32	3.91	---	3.64	9.87	3.54	5.50	3.25	3.48	3.03
16	3.08	3.07	5.12	3.79	---	3.59	7.46	5.50	9.83	3.23	3.41	3.00
17	3.06	3.21	5.01	3.70	---	3.56	5.78	5.16	7.68	3.21	3.36	2.98
18	3.06	3.60	4.44	3.62	---	3.53	5.24	4.37	5.34	3.21	3.32	2.98
19	3.05	3.75	4.10	3.58	---	3.48	4.93	3.87	5.00	3.26	3.30	3.07
20	3.07	5.77	3.91	6.93	---	4.35	4.73	5.07	4.48	3.46	3.29	3.10
21	3.06	4.27	3.77	11.06	---	6.45	4.68	9.39	4.28	3.39	3.25	3.35
22	3.05	3.63	3.70	9.55	9.18	5.38	4.52	11.39	4.29	3.22	3.21	3.50
23	3.04	3.40	3.82	6.67	8.19	4.33	4.58	11.00	5.06	3.18	3.19	3.28
24	3.03	3.37	4.22	5.17	6.51	8.27	4.75	9.84	5.33	3.16	3.17	3.08
25	3.03	3.37	5.64	5.38	5.29	9.59	4.40	6.02	6.45	3.13	3.14	3.02
26	3.03	3.29	9.99	6.23	4.64	8.04	4.23	4.83	6.94	3.12	3.12	3.00
27	3.03	3.28	13.50	5.63	4.32	7.34	4.11	4.40	7.03	3.11	3.19	2.99
28	3.03	4.17	14.82	5.80	4.60	6.33	4.02	4.15	6.40	3.90	3.26	2.98
29	3.03	4.81	12.34	5.31	---	5.07	3.97	3.97	6.69	3.82	3.20	2.96
30	3.10	4.27	7.93	7.12	---	4.48	3.91	3.83	5.45	3.37	3.11	2.95
31	3.10	---	5.65	6.21	---	4.21	---	3.72	---	3.27	3.07	---
MAX	3.53	5.77	16.47	11.35	18.30	10.01	20.04	11.39	9.83	5.34	11.49	3.50
MIN	3.02	3.03	3.70	3.58	---	3.48	3.76	3.51	3.55	3.11	3.07	2.95

07377240 LITTLE SANDY CREEK NEAR GREENWELL SPRINGS, LA

LOCATION.--Lat 30°37'36", long 90°59'20", in lot 59, T. 5 S., R. 2 E., East Baton Rouge Parish, Hydrologic Unit 08070202, on downstream side of bridge on Louisiana Highway 409, 0.5 mi upstream from Sandy Creek, 0.6 mi downstream from Wind Bayou, and 3.4 north of the village of Greenwell Springs.

DRAINAGE AREA.--28.2 mi².

PERIOD OF RECORD.--October 1974 to current year. Unpublished gage-height records, June to September 1974, available in files of Baton Rouge district office.

REVISED RECORDS.--WDR LA-81-2: 1980.

GAGE.--Water-stage recorder. Altitude of gage is 50 ft, from topographic map.

AVERAGE DISCHARGE.--9 years, 61.2 ft³/s, 29.47 in/yr.

REMARKS.--Records poor. Records of dissolved oxygen and water temperatures for the water 1983 are published under miscellaneous water-quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,700 ft³/s Apr. 6, 1983, maximum gage height, 26.69 ft, backwater from the Amite River; minimum discharge, no flow many days each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 14,700 ft³/s Apr. 6, gage height, 26.69 ft; minimum discharge, no flow many days.

REVISIONS.--The maximum discharge for some water years have been revised as shown in the following table. They supersede figures published in the reports for 1977 and 1979.

Water year	Date	Discharge (ft ³ /s)	Gage height (ft)	Water year	Date	Discharge (ft ³ /s)	Gage height (ft)
1977	Apr. 21, 1977	7,240	24.47	1979	Apr. 22, 1979	3,210	22.96

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	8.7	488	469	29	4.2	.99	1.1	10	1.5	.84
2	.00	.29	9.5	536	680	9.8	4.3	.90	1.0	4.1	2150	.72
3	.10	.35	175	172	393	4.8	3.1	.79	.95	2.5	2070	.65
4	.09	.19	2300	32	38	18	2.0	.68	.90	1.8	627	9.8
5	.09	.15	1490	10	109	270	148	.61	1.0	1.5	106	5.8
6	.31	.15	487	6.0	558	144	9680	.51	1.4	113	52	2.3
7	3.1	.28	64	4.3	321	21	5460	.49	2.3	119	20	1.9
8	4.6	.21	5.7	61	50	6.4	1230	.52	2.0	8.2	113	1.7
9	3.4	.16	1.8	391	36	3.6	537	.47	1.6	2.8	726	1.5
10	1.4	.04	1.5	147	402	2.5	161	.47	1.2	1.7	247	1.2
11	.67	.05	145	28	226	1.9	24	.54	.97	1.2	29	1.6
12	.47	.06	231	10	41	1.6	11	.35	.96	1.0	32	.41
13	.81	.06	35	5.2	12	1.6	6.6	.37	.87	.82	18	.28
14	.68	.08	12	3.8	6.3	1.6	296	.36	.86	.70	7.0	3.8
15	.56	.08	49	2.5	4.3	1.6	307	1.1	7.3	.60	3.7	1.9
16	.45	.08	109	1.9	3.8	1.5	155	22	4.2	.50	2.6	2.2
17	.24	.40	23	1.5	4.1	1.5	13	4.1	2.8	.42	8.1	2.5
18	.01	1.0	8.2	1.7	3.4	1.4	5.3	1.2	3.0	.39	74	2.6
19	.00	2.5	4.2	2.6	3.1	1.3	3.6	.54	25	.42	40	7.9
20	.00	8.2	3.1	486	2.2	128	2.8	5.2	43	.48	15	22
21	.00	5.6	2.9	809	85	82	2.3	324	5.1	18	4.4	113
22	.00	3.8	2.8	287	441	9.1	5.2	1380	7.3	4.7	2.5	28
23	.00	2.5	2.9	40	239	18	64	1050	46	1.6	1.8	4.0
24	.00	2.0	9.1	10	34	356	19	230	190	.87	1.9	1.1
25	.00	1.9	32	36	10	227	5.5	11	452	.63	1.5	.60
26	.00	3.8	170	46	5.0	214	2.9	4.2	170	.55	1.2	.55
27	.00	6.0	959	15	7.5	561	1.8	2.7	86	.47	2.9	.46
28	.00	11	932	8.1	46	155	1.4	1.9	224	.52	2.3	.42
29	.00	12	483	14	---	13	1.3	1.5	148	.44	1.4	.40
30	.00	8.1	92	106	---	6.1	1.1	1.4	35	.40	1.1	.37
31	.00	---	41	34	---	5.4	---	1.2	---	.43	.90	---
TOTAL	16.98	71.03	7889.4	3795.6	4229.7	2297.7	18158.4	3050.09	1465.81	299.74	6363.80	288.81
MEAN	.55	2.37	254	122	151	74.1	605	98.4	48.9	9.67	205	9.63
MAX	4.6	12	2300	809	680	561	9680	1380	452	119	2150	113
MIN	.00	.00	1.5	1.5	2.2	1.3	1.1	.35	.86	.39	.90	.37
CFSM	.02	.08	9.01	4.33	5.36	2.63	21.5	3.49	1.73	.34	7.27	.34
IN.	.02	.09	10.41	5.01	5.58	3.03	23.95	4.02	1.93	.40	8.39	.38

CAL YR 1982 TOTAL 15240.63 MEAN 41.8 MAX 2300 MIN .00 CFSM 1.48 IN 20.10
WTR YR 1983 TOTAL 47927.06 MEAN 131 MAX 9680 MIN .00 CFSM 4.65 IN 63.22

NOTE: Indefinite stage discharge relation Nov. 10-27.

MISSISSIPPI RIVER DELTA

07377240 LITTLE SANDY CREEK NEAR GREENWELL SPRINGS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.02	7.25	7.77	15.08	14.83	8.38	7.65	7.28	7.38	7.92	7.36	7.28
2	7.02	7.31	7.83	15.64	16.84	7.92	7.66	7.25	7.37	7.64	18.32	7.25
3	7.04	7.33	10.24	10.92	13.98	7.70	7.56	7.24	7.35	7.50	19.82	7.24
4	7.04	7.32	20.94	8.44	8.53	8.00	7.46	7.21	7.34	7.44	15.78	7.70
5	7.04	7.33	19.47	7.93	9.58	12.35	9.26	7.20	7.36	7.39	9.71	7.73
6	7.08	7.34	14.91	7.77	15.92	10.41	24.87	7.18	7.42	9.75	8.87	7.49
7	7.36	7.35	8.98	7.66	12.97	8.21	23.22	7.17	7.54	10.03	8.17	7.44
8	7.51	7.35	7.81	8.69	8.80	7.79	18.91	7.18	7.50	7.84	9.48	7.42
9	7.42	7.36	7.64	14.02	8.44	7.60	15.46	7.17	7.46	7.54	17.07	7.40
10	7.22	7.36	7.62	10.44	14.15	7.50	10.67	7.17	7.40	7.41	11.76	7.34
11	7.16	7.38	10.29	8.37	11.69	7.45	8.28	7.19	7.35	7.35	8.39	7.38
12	7.15	7.39	11.76	7.93	8.65	7.40	7.95	7.13	7.34	---	8.46	8.63
13	7.20	7.39	8.50	7.72	7.99	7.41	7.79	7.14	7.33	---	8.14	8.33
14	7.19	7.40	7.97	7.62	7.78	7.41	12.68	7.13	7.32	---	7.81	7.61
15	7.19	7.40	8.65	---	7.66	7.40	12.85	7.22	7.74	---	7.61	7.45
16	7.18	7.40	9.91	---	7.62	7.39	10.63	8.21	7.67	---	7.52	7.48
17	7.17	7.43	8.24	---	7.64	7.39	8.00	7.61	7.56	---	7.70	7.51
18	7.15	7.44	7.84	7.42	7.59	7.38	7.73	7.33	7.57	---	9.33	7.52
19	7.14	7.55	7.63	7.49	7.56	7.35	7.61	7.21	8.04	---	8.61	7.84
20	7.17	7.85	7.54	14.57	7.48	9.99	7.53	7.50	8.68	7.19	8.06	8.21
21	7.16	7.64	7.52	17.44	9.16	9.37	7.49	13.13	7.71	8.06	7.66	9.98
22	7.16	7.49	7.52	12.53	14.66	7.88	7.57	19.49	7.65	7.65	7.51	8.35
23	7.17	7.50	7.53	8.59	11.85	7.95	9.13	18.46	8.74	7.40	7.43	7.74
24	7.17	7.51	7.84	7.94	8.48	13.53	8.16	11.76	11.10	7.14	7.45	7.54
25	7.17	7.54	8.40	8.53	7.92	11.70	7.70	8.02	14.80	7.23	7.39	7.45
26	7.18	7.57	10.77	8.74	7.71	11.31	7.51	7.71	10.84	7.21	7.35	7.43
27	7.19	7.59	18.03	8.08	7.78	15.98	7.41	7.58	9.57	7.19	7.53	7.40
28	7.18	7.87	17.99	7.86	8.75	10.53	7.35	7.49	11.67	7.20	7.49	7.39
29	7.19	7.94	14.89	7.98	---	8.01	7.32	7.44	10.53	7.03	7.38	7.39
30	7.21	7.74	9.48	9.92	---	7.77	7.29	7.42	8.51	7.16	7.33	7.37
31	7.24	---	8.53	8.50	---	7.74	---	7.40	---	6.88	7.29	---
MAX	7.51	7.94	20.94	17.44	16.84	15.98	24.87	19.49	14.80	10.03	19.82	9.98
MIN	7.02	7.25	7.52	---	7.48	7.35	7.29	7.13	7.32	6.88	7.29	7.24

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, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 67, 1,000 ft downstream from Knighton Bayou, and 1.3 mi northeast of Olive Branch.

DRAINAGE AREA.--145 mi².

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

REVISED RECORDS.--WSP 1177: 1948, 1949(M). WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 113.65 ft National Geodetic Vertical Datum of 1929. Aug. 20, 1942, to Oct. 28, 1949, nonrecording gage, Oct. 29, 1949, to Feb. 3, 1964, water-stage recorder at site 1,400 ft upstream. Prior to Oct. 1, 1977, at datum 2.00 ft higher.

REMARKS.--Records good. Records of dissolved oxygen and water temperatures for the water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--41 years, 235 ft³/s, 22.01 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,400 ft³/s Apr. 22, 1977; maximum gage height, 23.37 ft present datum, Mar. 18, 1961; minimum discharge, 28 ft³/s Oct. 12, 13, 15, 16, 17, 18, 19, 1972; minimum gage height, 1.11 ft Sept. 29, 30, 1983.

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

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 4	1645	16400	17.75	Apr. 6	1430	*19800	*19.70
Dec. 27	2330	6260	10.54	Apr. 14	0845	3340	7.44
Feb. 2	0130	9560	13.12	May 22	1000	4460	8.68
Feb. 20	unknown	10200	13.54	Aug. 3	1200	5290	9.52

Minimum discharge, 32 ft³/s Nov. 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16; minimum gage height, 1.11 ft Sept. 29, 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	37	127	1570	4900	142	113	81	48	109	81	60
2	40	38	127	2480	5670	138	105	79	47	86	2590	58
3	40	41	1380	1390	1030	135	100	78	44	76	4490	67
4	40	44	11300	348	293	183	91	73	42	71	2000	90
5	40	34	5620	273	527	1450	1380	70	94	71	556	60
6	40	32	1210	250	1930	1410	16200	69	240	1550	550	62
7	62	32	269	240	1110	298	9910	66	1260	345	220	61
8	140	34	177	380	275	165	5120	65	1210	137	302	60
9	100	34	144	1400	211	140	2490	64	248	102	490	58
10	61	33	134	766	1580	130	646	64	105	91	303	57
11	47	33	157	270	1370	120	354	64	71	84	205	58
12	45	33	218	250	400	115	268	64	56	79	110	73
13	46	34	179	230	260	110	236	63	47	76	90	144
14	46	34	138	220	220	108	2570	62	42	72	80	112
15	45	34	199	215	200	105	1540	65	95	71	75	67
16	43	33	389	205	180	102	388	309	173	69	72	60
17	42	46	182	200	170	102	231	385	118	68	70	57
18	42	84	135	195	160	100	184	96	144	66	70	56
19	42	129	129	190	1000	98	160	76	96	70	90	58
20	38	537	123	1460	10200	517	146	454	86	126	200	86
21	36	210	120	2260	4000	342	139	1750	132	341	170	149
22	36	92	115	1250	1500	129	133	3700	291	94	140	134
23	36	71	110	283	619	131	131	1540	1150	76	120	79
24	35	69	110	184	210	1620	129	283	1470	70	110	66
25	35	87	130	394	149	1350	119	156	945	70	95	62
26	36	77	1600	502	140	630	107	110	343	67	84	60
27	36	69	4410	242	139	760	96	88	305	67	74	59
28	36	329	4060	280	139	298	88	74	249	64	68	58
29	35	400	1550	395	---	170	85	65	263	89	66	54
30	39	129	390	606	---	135	82	58	138	68	63	52
31	38	---	303	275	---	121	---	52	---	64	61	---
TOTAL	1437	2889	35235	19203	38582	11354	43341	10223	9552	4489	13695	2177
MEAN	46.4	96.3	1137	619	1378	366	1445	330	318	145	442	72.6
MAX	140	537	11300	2480	10200	1620	16200	3700	1470	1550	4490	149
MIN	35	32	110	184	139	98	82	52	42	64	61	52
CFSM	.32	.66	7.84	4.27	9.50	2.52	9.97	2.28	2.19	1.00	3.05	.50
IN.	.37	.74	9.04	4.93	9.90	2.91	11.12	2.62	2.45	1.15	3.51	.56
CAL YR 1982	TOTAL	88191	MEAN 242	MAX 11300	MIN 32	CFSM 1.67	IN 22.63					
WTR YR 1983	TOTAL	192177	MEAN 527	MAX 16200	MIN 32	CFSM 3.63	IN 49.30					

MISSISSIPPI RIVER DELTA

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.60	1.61	2.05	5.04	8.93	1.95	1.64	1.67	1.49	1.71	1.42	1.16
2	1.60	1.61	2.05	6.38	9.70	1.94	1.59	1.66	1.48	1.60	6.15	1.15
3	1.60	1.63	3.97	4.69	4.03	1.92	1.56	1.66	1.46	1.54	8.70	1.20
4	1.60	1.64	14.20	2.65	2.49	2.08	1.51	1.63	1.45	1.51	5.66	1.31
5	1.60	1.59	9.84	2.43	2.90	4.87	3.48	1.62	1.67	1.51	3.07	1.16
6	1.60	1.58	4.72	---	5.61	4.80	17.63	1.61	2.29	4.86	3.14	1.17
7	1.71	1.58	2.70	---	4.23	2.47	13.32	1.59	4.56	2.52	2.03	1.17
8	2.09	1.59	2.33	---	2.43	2.02	9.32	1.59	4.47	1.78	2.24	1.16
9	1.90	1.59	2.18	4.80	2.20	---	6.36	1.58	2.31	1.62	2.89	1.15
10	1.71	1.58	2.14	3.59	5.08	---	3.38	1.58	1.79	1.55	2.31	1.14
11	1.64	1.59	2.24	---	4.75	---	2.67	1.58	1.62	1.52	1.95	1.14
12	1.64	1.59	2.50	---	---	---	2.41	1.58	1.53	1.49	---	1.23
13	1.64	1.59	2.33	---	---	---	2.30	1.58	1.48	1.47	---	1.56
14	1.64	1.59	2.15	---	---	---	6.43	1.57	1.45	1.46	---	1.42
15	1.63	1.59	2.40	---	---	---	4.98	1.59	1.72	1.45	---	1.20
16	1.63	1.59	3.12	---	---	---	2.76	2.40	2.07	1.44	---	1.16
17	1.62	1.65	2.34	---	---	---	2.29	2.68	1.82	1.43	---	1.14
18	1.62	1.84	---	---	---	---	2.12	1.74	1.94	1.42	---	1.13
19	1.62	2.06	---	---	---	---	2.03	1.64	1.74	1.44	---	1.14
20	1.60	3.52	---	4.89	---	3.02	1.97	2.83	1.70	1.69	---	1.29
21	1.59	2.40	---	6.09	---	2.51	1.94	5.32	1.90	2.44	---	1.60
22	1.59	1.88	---	4.41	---	1.77	1.92	7.84	2.39	1.55	---	1.52
23	1.59	1.78	---	2.46	3.35	1.74	1.90	4.92	4.36	1.44	---	1.26
24	1.59	1.76	---	2.12	2.21	5.09	1.90	2.45	4.82	1.42	---	1.19
25	1.58	1.85	---	2.75	1.98	4.62	1.85	2.01	3.89	1.40	---	1.17
26	1.59	1.80	5.42	3.05	1.94	3.18	1.80	1.81	2.64	1.39	---	1.16
27	1.59	1.76	8.83	2.32	1.94	3.53	1.75	1.71	2.52	1.38	---	1.15
28	1.59	2.76	8.44	2.44	1.94	2.34	1.71	1.63	2.34	1.36	---	1.15
29	1.59	3.07	4.95	2.67	---	1.89	1.69	1.58	2.39	1.49	1.19	1.13
30	1.61	2.06	2.77	3.32	---	1.74	1.68	1.55	1.93	1.37	1.17	1.11
31	1.61	---	2.51	2.43	---	1.68	---	1.51	---	1.34	1.16	---
MAX	2.09	3.52	14.20	6.38	9.70	5.09	17.63	7.84	4.82	4.86	8.70	1.60
MIN	1.58	1.58	---	---	1.94	---	1.51	1.51	1.45	1.34	1.16	1.11

MISSISSIPPI RIVER DELTA

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07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA

LOCATION.--Lat 30°37'00", long 91°06'55", in SE1/4 lot 16, T.5 S., R. 2 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 67 (Plank Road), 1.0 mi downstream from point of diversion, 2.16 mi upstream from mouth, and 6.5 mi northeast of terminal building at Ryan Airport, at Baton Rouge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to current year.--Daily gage heights January 1965 to July 1972 published as "Stewart Swamp Diversion Canal near Fred, La." by Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is 62.00 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft³/s and poor below. Records of dissolved oxygen and water temperatures for water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--11 years, 11.2 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,660 ft³/s Apr. 7, 1983; maximum gage height, 19.08 ft Apr. 22, 1977 (backwater from Comite River); no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,660 ft³/s Apr. 7, gage height, 17.80 ft; no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.10	66	484	.33	.46	.01	.19	.60	1.1	.04
2	.00	.00	.00	54	223	.27	.41	.01	.18	.20	86	.05
3	.00	.00	235	9.3	1.1	.24	.40	.01	.18	.10	30	.04
4	.00	.00	423	.57	.36	3.2	.39	.00	12	.05	25	.04
5	.00	.00	604	.28	32	27	148	.01	7.2	.03	1.8	.04
6	.00	.00	5.8	.17	71	3.4	1110	.01	5.8	.10	.17	.05
7	1.0	.00	.30	.13	4.5	.74	1430	.01	28	1.0	.06	.04
8	.18	.00	.15	9.0	.55	.60	638	.01	2.8	.70	.03	.03
9	.00	.00	.09	23	5.9	.54	15	.00	.77	.50	.19	.03
10	.00	.00	.06	2.3	16	.50	5.4	.00	.40	.20	.11	.03
11	.00	.00	2.8	.63	2.8	.47	2.5	.01	.28	.15	.09	.06
12	.00	.00	.95	2.4	.67	.44	.66	.01	.25	.10	.19	.06
13	.00	.00	.33	.15	.34	.42	3.0	.00	.21	.05	.07	.05
14	.00	.00	.19	.11	.21	.41	170	.01	.19	.03	.03	.02
15	.00	.00	3.0	.09	.15	.38	20	.11	7.2	.02	.01	.01
16	.00	.00	.98	.07	.13	.36	6.0	.12	1.4	.03	.01	.00
17	.00	.00	.38	.06	.12	.34	1.5	.03	.61	.05	.99	.01
18	.00	.00	.22	.05	.11	.32	.26	.01	.52	.08	10	.01
19	.00	.00	.15	.37	.10	.30	.07	.02	.47	.12	6.8	.18
20	.00	.00	.10	211	.09	10	.03	.99	.59	.20	.56	.83
21	.00	.00	.07	122	3.9	1.8	.03	20	.39	.06	.09	.74
22	.00	.00	.07	2.4	5.2	.61	.06	720	.31	.04	.03	.09
23	.00	.00	.09	.55	1.4	5.1	.13	277	1.0	.03	.01	.03
24	.00	.00	.10	.26	.56	49	.06	1.2	3.0	.02	.00	.01
25	.00	.00	17	1.2	.32	5.5	.03	.62	10	.02	.00	.00
26	.00	.00	136	.51	.26	27	.02	.44	5.0	.01	.05	.00
27	.00	.12	553	.31	.32	10	.01	.30	2.0	.01	.02	.00
28	.00	.15	208	.20	.39	1.3	.02	.25	2.5	.01	.00	.00
29	.00	.00	5.7	.45	---	.57	.03	.23	3.0	.01	.00	.00
30	.00	.36	.60	.50	---	.51	.01	.22	1.0	.01	.01	.00
31	.00	---	8.2	.98	---	.48	---	.20	---	.01	.02	---
TOTAL	1.18	.63	2606.43	509.04	855.48	152.13	3552.48	1021.84	97.44	4.54	163.44	2.49
MEAN	.038	.021	84.1	16.4	30.6	4.91	118	33.0	3.25	.15	5.27	.083
MAX	1.0	.36	823	211	484	49	1430	720	28	1.0	86	.83
MIN	.00	.00	.00	.05	.09	.24	.01	.00	.18	.01	.00	.00
CAL YR 1982	TOTAL	3727.86	MEAN	10.2	MAX	823	MIN	.00				
WTR YR 1983	TOTAL	8967.12	MEAN	24.6	MAX	1430	MIN	.00				

MISSISSIPPI RIVER DELTA

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.39	3.09	3.90	6.45	10.95	3.72	3.82	3.54	---	---	3.77	3.53
2	3.46	3.08	3.73	6.16	8.05	3.69	3.81	3.55	---	---	6.63	3.53
3	3.51	3.08	6.86	4.48	3.86	3.67	3.81	3.55	---	---	5.37	3.53
4	3.48	3.07	13.42	3.87	3.79	4.00	3.80	3.54	4.22	---	5.29	3.54
5	3.44	3.07	11.80	3.76	4.87	5.40	5.81	3.54	4.44	---	3.94	3.54
6	3.42	3.06	4.22	3.71	6.41	4.17	15.03	3.55	4.24	---	3.68	3.55
7	3.80	3.09	3.77	3.69	4.27	3.87	16.68	3.55	5.34	---	3.59	3.55
8	3.87	3.23	3.71	4.23	3.86	3.84	11.95	3.55	4.08	---	3.57	3.54
9	3.65	3.34	3.66	5.14	4.11	---	5.35	3.53	3.72	---	3.69	3.53
10	3.59	3.39	3.64	4.15	4.93	---	5.02	3.54	3.61	---	3.65	3.53
11	3.56	3.47	4.14	3.82	4.19	---	4.95	3.54	3.56	---	3.63	3.57
12	3.56	3.55	3.95	3.51	3.89	---	4.80	3.54	3.54	---	3.69	3.58
13	3.57	3.55	3.79	3.69	3.77	---	4.86	3.54	---	---	3.61	3.56
14	3.56	3.55	3.73	3.67	3.71	---	6.94	3.53	---	---	3.57	3.53
15	3.53	3.59	4.15	3.65	3.67	---	5.50	3.60	4.30	---	3.53	3.52
16	3.51	3.56	3.96	3.63	---	---	4.93	3.65	3.89	---	3.53	3.52
17	3.49	3.62	3.80	3.61	---	---	4.93	3.56	3.68	---	3.78	3.53
18	3.46	3.62	3.74	3.61	---	---	4.93	3.54	3.65	---	4.29	3.53
19	3.44	3.73	3.71	3.70	---	---	4.93	3.54	3.63	---	4.45	3.61
20	3.42	3.65	3.67	8.31	---	---	4.14	3.64	3.67	---	3.84	3.90
21	3.39	3.63	3.63	7.27	4.10	4.07	3.56	5.06	3.60	3.54	3.63	3.88
22	3.36	3.62	3.64	4.14	4.38	3.86	3.59	12.63	3.57	3.52	3.56	3.63
23	3.33	3.60	3.66	3.86	4.02	4.11	3.66	8.26	---	3.51	3.54	3.57
24	3.29	3.58	3.67	3.75	3.83	5.99	3.60	3.85	---	3.51	3.53	3.54
25	3.25	3.55	4.59	4.00	3.74	4.31	3.56	3.68	---	3.51	3.53	3.53
26	3.21	3.53	6.65	3.85	3.69	5.09	3.54	3.62	---	3.51	3.58	3.53
27	3.17	3.70	11.57	3.77	3.72	4.64	3.54	3.56	---	3.51	3.55	3.53
28	3.14	3.97	8.22	3.71	3.76	4.01	3.55	3.54	---	3.51	3.52	3.53
29	3.12	3.80	4.33	3.80	---	3.86	3.57	---	---	3.51	3.52	3.53
30	3.10	3.90	3.87	3.84	---	3.84	3.55	---	---	3.52	---	3.53
31	3.10	---	4.25	3.84	---	3.83	---	---	---	3.53	---	---
MAX	3.87	3.97	13.42	8.31	10.95	5.99	16.68	12.63	5.34	---	6.63	3.90
MIN	3.10	3.06	3.63	3.51	---	3.67	3.54	---	---	3.51	---	3.52

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

LOCATION.--Lat 30°38'13", long 91°07'39", at center of El/2 lot 39, T. 5 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on Lower Zachary Road, 1.5 mi downstream from Indian Bayou, and 2.0 mi southeast of Zachary.

DRAINAGE AREA.--45 mi², approximately.

PERIOD OF RECORD.--August 1972 to current year. Daily gage heights from January 1965 to July 1972 published as White Bayou near Zachary by Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder. Datum of gage is 65.00 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft³/s and poor below. Records of dissolved oxygen and water temperatures for water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--11 years, 82.4 ft³/s, 24.87 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,730 ft³/s Apr. 6, 1983, gage height, 23.24 ft; minimum daily, no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 5	0130	3180	21.29	Apr. 6	1900	*4730	*23.24
Dec. 27	0645	2080	18.94	May 22	1430	2860	20.74
Feb. 1	1800	2230	19.34				

Minimum discharge, 0.03 ft³/s Oct. 25, 26, gage height, 3.02 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.30	37	807	1960	41	11	1.5	3.7	19	3.1	.88
2	.05	.98	20	814	1170	21	8.9	1.5	3.3	8.8	391	.75
3	.09	2.3	721	347	86	13	7.1	1.4	2.8	5.4	487	.58
4	.08	1.0	2990	42	34	137	6.3	1.3	22	4.0	620	1.1
5	.08	.68	2360	23	282	697	466	1.2	7.3	8.6	154	6.9
6	.26	.25	153	14	823	259	3810	1.1	31	287	41	3.7
7	87	.12	26	11	237	41	4220	1.1	573	135	20	22
8	125	.12	13	162	43	21	2170	1.1	220	17	35	6.5
9	18	.10	8.2	623	48	13	360	1.1	21	7.6	394	2.9
10	5.8	.11	5.8	147	516	9.4	48	1.1	10	4.8	110	1.9
11	2.9	.14	143	41	195	7.9	23	1.2	6.3	3.6	116	2.5
12	2.1	.20	90	20	43	7.1	13	1.3	4.8	2.9	135	25
13	2.0	.44	30	12	25	6.5	11	1.4	3.8	2.4	125	17
14	1.3	.29	12	8.6	17	5.9	928	1.4	3.2	2.3	17	6.0
15	.96	.21	100	6.5	12	5.6	502	5.3	125	3.2	7.0	2.8
16	.75	.16	129	5.0	11	5.3	34	3.4	191	2.0	4.1	1.8
17	.51	2.1	29	4.3	9.4	5.2	13	1.2	25	1.6	81	1.4
18	.30	3.0	13	3.8	7.9	5.1	7.6	.87	12	1.4	311	51
19	.20	17	8.1	6.3	7.4	4.9	5.1	.76	25	1.3	249	37
20	.18	41	5.6	1110	6.9	216	4.1	7.2	17	1.3	86	165
21	.11	14	4.1	1000	63	135	3.4	537	7.9	30	19	317
22	.08	5.5	3.8	131	231	26	3.6	2610	18	21	7.4	72
23	.06	2.9	5.3	35	58	54	5.2	1120	221	5.1	4.3	14
24	.05	2.9	4.8	20	27	760	3.4	58	253	2.9	3.0	5.7
25	.03	2.2	124	84	16	278	2.6	25	131	2.0	2.3	3.4
26	.05	2.2	781	74	11	263	2.3	10	148	1.5	2.0	2.5
27	.15	6.2	2040	44	11	231	2.0	6.6	155	1.3	8.8	2.0
28	.11	79	1200	31	32	48	1.8	5.0	113	1.2	3.3	1.8
29	.09	46	247	111	---	22	1.8	4.1	161	1.2	1.9	1.7
30	.22	17	40	301	---	15	1.7	3.7	66	1.3	1.3	1.3
31	.34	---	103	59	---	13	---	4.7	---	1.3	1.1	---
TOTAL	248.89	248.40	11446.7	6097.5	5982.6	3366.9	12675.9	4420.53	2581.1	588.0	3440.6	778.11
MEAN	8.03	8.28	369	197	214	109	423	143	86.0	19.0	111	25.9
MAX	125	79	2990	1110	1960	760	4220	2610	573	287	620	317
MIN	.03	.10	3.8	3.8	6.9	4.9	1.7	.76	2.8	1.2	1.1	.58
CFSM	.18	.18	8.20	4.38	4.76	2.42	9.40	3.18	1.91	.42	2.47	.58
IN.	.21	.21	9.46	5.04	4.95	2.78	10.48	3.65	2.13	.49	2.84	.64
CAL YR 1982	TOTAL	23708.31	MEAN	65.0	MAX	2990	MIN	.03	CFSM	1.44	IN	19.60
WTR YR 1983	TOTAL	51875.23	MEAN	142	MAX	4220	MIN	.03	CFSM	3.16	IN	42.88

MISSISSIPPI RIVER DELTA

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.05	3.12	4.86	12.84	18.26	4.84	3.88	3.43	3.48	4.35	3.46	3.26
2	3.06	3.23	4.38	12.89	14.48	4.27	3.78	3.42	3.44	3.92	9.40	3.24
3	3.09	3.44	9.23	8.83	5.80	3.98	3.69	3.40	3.38	3.71	10.46	3.22
4	3.08	3.24	20.95	4.99	4.63	5.70	3.64	3.37	3.98	3.61	11.59	3.26
5	3.08	3.18	19.08	4.46	7.14	12.13	7.16	3.37	3.68	3.69	6.72	3.87
6	3.14	3.10	6.71	4.19	12.92	7.99	22.11	3.35	3.95	8.74	5.08	3.65
7	5.28	3.07	4.62	4.01	7.68	4.82	22.71	3.35	11.23	6.58	4.49	4.42
8	6.62	3.06	4.17	5.92	4.87	4.27	18.39	3.35	7.47	4.28	4.52	3.85
9	4.34	3.05	3.95	11.59	4.85	4.00	9.00	3.35	4.31	3.85	9.79	3.57
10	3.78	3.05	3.80	6.79	10.81	3.81	5.07	3.35	3.87	3.67	6.21	3.44
11	3.54	3.06	6.72	4.96	7.31	3.73	4.38	3.36	3.66	3.57	6.55	3.50
12	3.44	3.08	6.08	4.38	4.88	3.69	4.07	3.38	3.56	3.50	6.73	4.41
13	3.42	3.14	4.74	4.08	4.40	3.65	3.94	3.41	3.49	3.44	6.52	4.35
14	3.32	3.11	4.15	3.91	4.15	3.61	13.37	3.41	3.43	3.42	4.34	3.82
15	3.25	3.09	6.01	3.79	3.97	3.59	10.22	3.66	6.14	3.53	3.88	3.56
16	3.21	3.07	6.67	3.69	3.88	3.57	4.88	3.62	7.42	3.38	3.69	3.43
17	3.18	3.35	4.70	3.63	3.81	3.56	4.22	3.36	4.42	3.33	5.17	3.36
18	3.14	3.51	4.17	3.59	3.73	3.55	3.96	3.31	3.98	3.30	8.98	4.65
19	3.12	4.11	3.94	3.72	3.70	3.54	3.80	3.28	4.40	3.28	8.32	4.88
20	3.10	4.97	3.79	14.08	3.67	7.26	3.73	3.68	4.15	3.27	5.96	7.27
21	3.08	4.17	3.67	13.93	5.00	6.52	3.67	10.92	3.76	4.25	4.40	9.06
22	3.06	3.72	3.65	6.49	8.02	4.41	3.68	20.10	4.09	4.38	3.91	5.60
23	3.05	3.51	3.77	4.81	5.24	4.76	3.81	13.62	7.48	3.69	3.70	4.19
24	3.04	3.52	3.74	4.38	4.43	12.54	3.66	5.25	8.21	3.50	3.58	3.78
25	3.02	3.43	5.77	5.82	4.09	8.09	3.58	4.42	6.66	3.39	3.50	3.60
26	3.04	3.42	12.08	5.69	3.88	7.77	3.54	3.87	6.96	3.32	3.46	3.51
27	3.09	3.66	18.78	5.05	3.88	7.94	3.50	3.68	7.12	3.28	3.94	3.44
28	3.07	5.79	14.93	4.69	4.56	5.00	3.47	3.58	6.45	3.25	3.61	3.40
29	3.06	5.06	7.82	5.96	---	4.31	3.47	3.51	7.07	3.25	3.44	3.40
30	3.10	4.26	4.94	8.80	---	4.07	3.44	3.48	5.50	3.28	3.35	3.33
31	3.13	---	5.69	5.39	---	3.98	---	3.55	---	3.28	3.31	---
MAX	6.62	5.79	20.95	14.08	18.26	12.54	22.71	20.10	11.23	8.74	11.59	9.06
MIN	3.02	3.05	3.65	3.59	3.67	3.54	3.44	3.28	3.38	3.25	3.31	3.22

MISSISSIPPI RIVER DELTA

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07377842 WHITE BAYOU NEAR BAKER, LA

LOCATION.--Lat 30°34'45", long 91°07'18", in NW1/4SW1/4 lot 28, T. 5 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on Pettit Road, 0.1 mi upstream from pipeline crossing, 0.6 mi downstream from State Highway 67, and 2.8 mi east of Baker.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 60 ft (approximately), from topographic map.

REMARKS.--Records poor. Records of dissolved oxygen and water temperatures for water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--11 years, 12.5 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 888 ft³/s Apr. 7, 1983, gage height, 16.78 ft, backwater from Comite River; maximum gage height unaffected by backwater, 15.29 ft Mar. 24, 1973; no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 888 ft³/s Apr. 7, gage height, 16.78 ft; no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.00	3.9	57	185	2.6	1.4	.75	3.7	1.3	6.5	.10
2	.06	.02	1.4	3.4	78	2.3	1.3	.79	3.6	1.2	196	.13
3	.07	.07	159	.59	2.9	2.1	1.3	.81	3.6	1.3	77	.12
4	.07	.12	506	.50	1.2	8.9	1.3	.55	4.5	1.1	29	.10
5	.07	.07	279	.49	41	21	73	.28	5.8	1.5	1.3	.11
6	.94	.04	92	.51	61	2.9	654	.30	33	62	.57	.28
7	9.3	.05	.29	.47	2.6	.95	816	.32	64	6.1	.28	.26
8	26	.06	.20	17	.60	1.2	813	.34	7.5	1.2	.20	.15
9	2.6	.08	.28	4.4	8.3	1.0	514	.32	2.9	.91	.77	.14
10	.42	.08	.36	.67	44	1.0	72	.32	1.6	.74	5.1	.14
11	.24	.06	1.1	.44	1.3	1.2	.32	.32	1.4	.78	5.0	.29
12	.24	.10	1.0	.45	.59	1.2	.33	.33	1.4	.84	.57	.30
13	.22	.13	.80	.48	.47	1.3	.54	.36	1.4	.90	.23	.21
14	.20	.14	.68	.50	.52	1.3	26	.33	1.3	1.0	.21	.19
15	.10	.15	3.2	.54	.62	1.4	1.2	.59	20	1.1	.20	.17
16	.04	.17	1.9	.60	.72	1.3	.30	.55	5.1	1.1	.19	.15
17	.02	.44	1.3	.65	.87	1.3	.17	.22	2.0	1.0	.26	.14
18	.00	.62	1.0	.69	.94	1.3	.36	.17	2.4	1.1	.32	.15
19	.00	1.9	.86	1.3	1.0	1.4	.46	.18	8.7	1.2	.48	.63
20	.00	.10	.89	144	1.1	20	.53	.81	11	1.9	.31	6.4
21	.00	.16	.91	36	4.8	4.5	.62	33	2.6	1.4	.18	12
22	.01	.23	1.0	.91	5.7	1.5	1.1	339	2.3	.97	.16	.47
23	.06	.29	1.1	.62	2.3	6.5	1.6	188	7.5	1.1	.15	.16
24	.13	.45	1.2	.59	1.5	33	.71	20	55	1.2	.13	.08
25	.13	.57	30	1.1	1.5	3.5	.65	3.5	76	1.3	.14	.07
26	.12	1.2	79	.80	1.5	70	.66	3.1	39	1.3	.20	.07
27	.08	2.8	252	.69	2.0	39	.66	3.3	36	1.3	.24	.06
28	.03	4.0	170	.69	2.7	2.3	.69	3.3	16	1.4	.15	.06
29	.00	.98	100	1.5	---	1.2	.72	3.7	7.2	1.3	.12	.06
30	.00	2.4	50	1.4	---	1.2	.78	3.6	2.5	1.3	.12	.06
31	.00	---	34	1.1	---	1.3	---	3.7	---	1.4	.11	---
TOTAL	41.18	17.48	1774.37	280.08	454.73	239.65	2985.70	612.84	429.0	102.24	326.19	23.25
MEAN	1.33	.58	57.2	9.03	16.2	7.73	99.5	19.8	14.3	3.30	10.5	.78
MAX	26	4.0	506	144	185	70	816	339	76	62	196	12
MIN	.00	.00	.20	.44	.47	.95	.17	.17	1.3	.74	.11	.06
CAL YR 1982 TOTAL	4125.07			MEAN 11.3	MAX 506	MIN .00						
WTR YR 1983 TOTAL	7286.71			MEAN 20.0	MAX 816	MIN .00						

MISSISSIPPI RIVER DELTA

07377842 WHITE BAYOU NEAR BAKER, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.60	4.30	5.42	8.22	10.58	6.32	6.11	5.77	5.31	4.93	5.40	3.88
2	3.67	4.33	5.11	6.57	8.55	6.27	6.09	5.80	5.29	4.89	10.58	3.92
3	3.71	4.41	8.18	6.04	6.31	6.26	6.08	5.82	5.30	4.94	8.36	3.93
4	3.71	4.49	13.95	5.95	6.03	6.60	6.10	5.57	5.39	4.87	6.69	3.89
5	3.71	4.46	11.84	5.95	7.21	7.24	7.50	5.32	5.53	4.82	4.89	3.91
6	3.84	4.46	8.71	5.97	8.14	6.32	15.06	5.34	6.66	7.98	4.47	4.18
7	4.51	4.48	5.10	5.93	6.19	5.91	16.27	5.36	7.97	5.49	4.17	4.15
8	5.60	4.51	5.06	6.97	5.64	6.05	16.25	5.39	5.66	4.91	4.06	4.01
9	4.47	4.57	5.20	6.63	5.95	5.98	13.95	5.36	5.20	4.76	4.37	3.99
10	4.10	4.59	5.29	6.11	7.77	5.96	8.14	5.36	5.04	4.62	4.76	4.00
11	4.02	4.59	5.83	5.90	5.99	6.05	5.36	5.37	5.00	4.65	5.31	4.20
12	4.04	4.66	5.83	5.91	5.63	6.07	5.35	5.37	5.00	4.70	4.47	4.23
13	4.07	4.69	5.70	5.94	5.52	6.10	5.48	5.41	4.98	4.74	4.10	4.11
14	4.07	4.70	5.60	5.96	5.56	6.11	7.32	5.37	4.97	4.81	4.07	4.08
15	3.98	4.71	6.15	5.99	5.66	6.11	5.97	5.54	6.24	4.86	4.06	4.06
16	3.94	4.73	6.08	6.05	5.75	6.11	5.23	5.57	5.44	4.85	4.04	4.03
17	3.94	4.88	5.96	6.09	5.86	6.09	5.12	5.22	5.10	4.83	4.13	4.02
18	3.96	4.95	5.83	6.13	5.91	6.10	5.40	5.15	5.13	4.86	4.22	4.02
19	3.96	5.15	5.74	6.30	5.96	6.11	5.51	5.16	5.67	4.90	4.38	4.38
20	3.98	4.65	5.76	9.84	5.99	7.12	5.58	5.36	5.88	5.02	4.20	5.46
21	4.01	4.72	5.77	7.59	6.40	6.46	5.66	7.43	5.18	4.93	4.03	5.83
22	4.05	4.79	5.83	6.28	6.57	6.14	5.81	12.35	5.08	4.80	4.00	4.43
23	4.13	4.83	5.89	6.07	6.28	6.34	6.07	10.55	5.66	4.86	3.98	4.06
24	4.23	4.90	5.94	6.04	6.14	7.59	5.74	6.24	7.20	4.91	3.94	3.88
25	4.26	4.93	7.03	6.37	6.14	6.39	5.69	5.29	8.27	4.94	3.96	3.88
26	4.27	5.08	8.38	6.22	6.14	8.06	5.69	5.24	7.07	4.97	4.03	3.88
27	4.26	5.29	11.52	6.13	6.23	7.60	5.70	5.27	7.09	4.97	4.11	3.86
28	4.22	5.42	---	6.13	6.34	6.26	5.72	5.26	6.19	4.97	3.98	3.85
29	4.21	5.04	---	6.35	---	6.04	5.75	5.31	5.64	4.96	3.92	3.86
30	4.22	5.22	---	6.43	---	6.07	5.79	5.30	5.16	4.96	3.92	3.86
31	4.26	---	7.25	6.31	---	6.09	---	5.31	---	4.97	3.89	---
MAX	5.60	5.42	13.95	9.84	10.58	8.06	16.27	12.35	8.27	7.98	10.58	5.83
MIN	3.60	4.30	5.11	5.90	5.52	5.91	5.12	5.15	4.97	4.62	3.89	3.85

MISSISSIPPI RIVER DELTA

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07378000 COMITE RIVER NEAR COMITE, LA

LOCATION.--Lat 30°30'45", long 91°04'25", on line between lots 24 and 44, T.6 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near left bank on downstream side of bridge on State Highway 946, 0.5 mi downstream from Blackwater Bayou, and 2.6 mi west of Comite.

DRAINAGE AREA.--284 mi². See REMARKS.

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

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 23.85 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works). Prior to Apr. 22, 1946, nonrecording gage at same site. Prior to Oct. 1, 1962, at datum 5.00 ft higher. Prior to Oct. 1, 1978, at datum 2.00 ft higher.

REMARKS.--Records fair. Since 1957, considerable flow from 46 mi² diverted from basin. Records of dissolved oxygen and water temperatures for the water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--39 years, 475 ft³/s, 22.71 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 37,000 ft³/s Apr. 7, 1983; maximum gage height, 30.64 ft May 19, 1953, present datum (prior to dredging August 1961); minimum discharge, 28 ft³/s Aug. 1, 1977.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 7,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 5	1015	20200	25.19	Apr. 7	2000	*37000	29.72
Dec. 27	1015	14100	19.80	May 22	1415	17600	21.94
Jan. 20	2215	8180	14.84	Aug. 2	1530	12700	18.89
Feb. 2	1400	14200	20.00				

Minimum discharge, 43 ft³/s Nov. 8, 10; minimum gage height, 0.91 ft, Nov. 10.

DISCHARGE, IN CURIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	48	176	4460	8610	288	165	119	142	205	505	88
2	49	48	145	5410	13200	255	153	115	136	181	11500	87
3	50	51	2340	3400	3390	213	137	112	135	175	11400	90
4	48	49	18200	1240	1490	230	127	110	141	167	7100	101
5	47	50	19700	719	1250	2030	419	106	244	166	1600	100
6	49	45	7150	536	4490	2220	21400	103	452	2640	1200	101
7	74	45	1290	438	2120	920	34400	101	1960	1570	410	104
8	303	45	700	533	670	333	19900	100	1740	282	192	94
9	145	45	500	3090	462	234	15600	97	794	180	1120	86
10	89	45	270	1830	2680	187	2650	96	252	160	461	83
11	64	45	574	836	2070	168	770	96	186	150	291	88
12	58	45	646	546	719	157	445	94	169	130	208	178
13	57	45	389	406	302	150	360	92	152	120	201	121
14	54	45	261	357	225	145	4430	91	143	110	131	126
15	53	45	365	329	190	142	3670	141	278	100	111	97
16	52	45	770	313	178	141	1070	217	325	98	105	84
17	51	51	442	297	175	140	460	404	226	96	126	79
18	50	65	243	282	173	138	323	192	303	96	441	77
19	50	110	183	292	163	135	264	116	318	96	435	93
20	49	204	160	5390	157	558	229	131	230	96	191	195
21	47	461	144	6610	407	881	209	2590	187	395	122	731
22	46	129	137	3010	2420	315	237	14600	283	228	105	267
23	45	82	133	1020	1470	200	447	8680	1790	117	100	132
24	45	69	144	570	484	2440	204	1720	3100	95	98	100
25	45	66	464	658	277	2240	170	540	3650	89	94	89
26	45	74	4100	1060	215	1740	151	309	1470	90	95	84
27	45	74	14000	660	207	2350	141	234	1650	91	127	82
28	45	142	12700	566	253	725	134	200	2200	94	106	80
29	45	562	5050	484	---	294	128	181	992	93	98	78
30	46	211	1830	1380	---	205	123	165	418	99	91	76
31	52	---	1100	843	---	181	---	153	---	95	89	---
TOTAL	1947	3041	94306	47565	48447	20355	108916	32005	24066	8304	38853	3791
MEAN	62.8	101	3042	1534	1730	657	3631	1032	802	268	1253	126
MAX	303	562	19700	6610	13200	2440	34400	14600	3650	2640	11500	731
MIN	45	45	133	282	157	135	123	91	135	89	89	76
CFSM	.22	.36	10.7	5.40	6.09	2.31	12.8	3.63	2.82	.94	4.41	.44
IN.	.26	.40	12.35	6.23	6.35	2.67	14.27	4.19	3.15	1.09	5.09	.50

CAL YR 1982 TOTAL 181593 MEAN 498 MAX 19700 MIN 34 CFSM 1.75 IN 23.79
WTR YR 1983 TOTAL 431596 MEAN 1182 MAX 34400 MIN 45 CFSM 4.16 IN 56.53

MISSISSIPPI RIVER DELTA

07378000 COMITE RIVER NEAR COMITE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.98	.98	2.25	10.22	14.50	2.55	2.12	1.82	1.70	2.26	2.56	1.39
2	.99	.97	2.02	11.61	18.96	2.37	2.04	1.78	1.65	2.11	17.52	1.38
3	1.00	1.02	5.29	8.59	11.15	2.18	1.92	1.76	1.64	2.07	17.45	1.41
4	.98	.99	23.01	4.54	6.57	2.26	1.86	1.73	1.67	2.01	13.85	1.52
5	.97	1.00	24.95	3.10	5.48	7.01	2.57	1.69	2.31	2.00	6.37	1.53
6	.98	.94	14.75	2.56	11.52	7.59	23.21	1.66	2.94	8.13	5.57	1.53
7	1.30	.93	5.90	2.27	7.65	4.67	29.15	1.64	7.00	6.13	3.22	1.57
8	2.93	.92	---	2.52	4.18	2.81	27.56	1.62	6.66	2.65	2.26	1.45
9	2.01	.93	---	8.16	3.43	2.33	20.71	1.59	4.26	---	5.43	1.37
10	1.50	.93	---	5.86	8.63	2.09	11.58	1.58	2.38	---	3.48	1.34
11	1.20	.93	3.84	3.44	7.53	1.96	5.57	1.58	2.03	---	2.78	1.39
12	1.12	.93	4.14	2.59	4.27	1.88	4.07	1.55	1.90	---	2.35	2.14
13	1.10	.94	3.33	2.16	2.84	1.83	3.53	1.54	1.77	---	2.29	1.72
14	1.06	.93	2.73	1.94	2.44	1.81	11.11	1.52	1.70	---	1.81	1.77
15	1.04	.94	3.11	1.81	2.24	1.79	10.15	1.83	2.44	---	1.64	1.49
16	1.03	.94	4.51	1.73	2.14	1.80	5.34	2.44	2.75	---	1.58	1.35
17	1.01	1.02	3.48	1.65	2.10	1.80	3.58	3.24	2.25	---	1.74	1.29
18	1.00	1.20	2.64	1.57	2.07	1.80	3.04	2.32	2.55	---	3.38	1.26
19	1.00	1.71	2.31	1.62	1.98	1.79	2.74	1.79	2.68	---	3.29	1.45
20	.99	2.36	2.13	10.72	1.92	3.46	2.57	1.87	2.27	---	2.23	2.21
21	.96	3.51	2.01	12.80	2.89	4.68	2.47	8.46	2.04	2.86	1.74	4.29
22	.94	1.88	1.96	7.99	8.02	2.84	2.56	19.69	2.54	2.34	1.58	2.65
23	.94	1.41	1.93	3.97	6.13	2.27	3.46	15.08	6.16	1.61	1.52	1.82
24	.94	1.26	2.01	2.66	3.39	7.98	2.43	6.47	9.11	1.39	1.50	1.52
25	.93	1.22	3.18	2.92	2.56	7.78	2.21	3.52	9.92	1.32	1.45	---
26	.93	1.33	9.92	4.09	2.23	6.62	2.07	2.67	6.12	1.33	1.47	---
27	.93	1.33	19.36	2.92	2.18	7.97	1.99	2.29	6.55	1.34	1.76	---
28	.94	1.98	18.20	2.65	2.40	4.29	1.94	2.12	7.64	1.38	1.59	---
29	.93	3.87	10.89	2.41	---	2.82	1.89	1.99	4.88	1.36	1.50	---
30	.96	2.44	5.85	4.94	---	2.39	1.85	1.88	3.20	1.43	1.42	---
31	1.04	---	4.12	3.46	---	2.24	---	1.78	---	1.38	1.40	---
MAX	2.93	3.87	24.95	12.80	18.96	7.98	29.15	19.69	9.92	8.13	17.52	4.29
MIN	.93	.92	1.93	1.57	1.92	1.79	1.85	1.52	1.64	1.32	1.40	---

MISSISSIPPI RIVER DELTA

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07378050 COMITE RIVER AT GREENWELL SPRINGS ROAD, NEAR BATON ROUGE, LA

LOCATION.--Lat 30°30'20", long 90°02'24", on line between secs, 51 and 52, T. 6 S., R. 2 E., East Baton Rouge Parish, Hydrologic Unit 08070202, at bridge on Greenwell Springs Road, 2.9 mi downstream from gaging station Comite River near Comite (station 07378000), 5.0 mi northeast of Baton Rouge city limits, and 9.4 mi northeast of Baton Rouge Post Office.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Annual maximum elevation, water years 1962-81. October 1981 to current year (elevations only).

GAGE.--Water-stage recorder. Datum is National Geodetic Vertical Datum of 1929. Non-recording gage at same site and datum.

REMARKS.--No elevations recorded below 20.11 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 49.42 ft Apr. 7, 1983, from floodmark; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 49.42 ft Apr. 7, from floodmark; minimum not determined.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			20.77	30.70	33.37	21.41	20.69	---	20.89	21.43	20.04	
2			20.46	31.78	38.24	21.26	20.63	---	20.80	20.97	38.55	
3			20.22	30.45	34.29	20.94	20.46	---	20.80	20.98	37.36	
4			40.49	26.99	30.29	20.74	20.36	---	20.70	20.61	36.43	
5			42.71	24.64	26.71	26.41	20.28	20.68	21.90	20.47	29.36	
6			38.32	22.30	32.32	27.81	41.08	20.63	20.82	25.59	25.36	20.87
7			31.84	21.77	29.32	25.54	47.93	20.60	25.56	27.65	23.25	20.51
8	21.58		27.61	21.49	26.33	23.08	---	20.58	27.06	21.99	21.51	
9	20.62		23.37	28.14	23.32	21.25	---	20.53	24.87	20.94	25.20	
10			22.16	26.34	28.60	20.89	---	20.51	21.79	20.58	23.07	
11			23.31	23.34	28.71	20.69	---	20.51	21.21	20.40	22.12	
12			23.66	22.14	26.26	20.56	---	20.47	20.92	20.30	21.42	21.17
13			22.67	21.58	23.64	20.48	---	20.45	20.74	20.23	21.56	20.34
14			21.93	21.27	21.92	20.41	---	20.43	20.61	20.17	20.79	
15			21.76	21.08	21.49	20.35	---	---	20.72	20.14	20.51	
16			23.70	20.93	21.28	20.31	---	---	21.76		20.39	
17			22.96	20.83	21.25	20.29	---	---	21.42		20.39	
18			21.75	20.73	21.08	20.24	---	---	20.92	20.33	22.81	
19		20.33	21.33	20.64	20.91	20.19	---	---	22.21		22.87	
20		20.46	21.08	30.12	20.78	20.79	---	---	21.51		21.26	21.10
21		22.59	20.94	34.04	20.69	24.21	---	27.70	20.94	20.46	20.53	24.29
22		20.41	20.86	29.91	27.95	21.73	---	38.72	21.64	21.46	20.29	21.66
23			20.90	26.52	26.97	20.74	---	37.88	21.51	20.51	20.17	20.49
24			20.98	23.47	24.62	27.04	---	29.86	28.30	20.12	20.40	
25			21.01	22.28	22.02	28.22	---	26.04	31.00			
26			28.04	23.69	21.28	25.51	---	22.76	24.92			
27			38.43	22.40	21.00	29.24	---	21.67	25.99		20.42	
28		20.45	38.57	21.63	21.36	25.99	---	21.46	27.50			
29		22.54	33.63	21.47	---	22.69	---	21.29	25.70	20.13		
30		20.99	29.18	25.03	---	21.07	---	21.14	22.81			
31		---	26.13	23.31	---	20.90	---	20.99	---			---
MAX	21.58	22.59	42.71	34.04	38.24	29.24	---	38.72	31.00	27.65	38.55	24.29
MIN			20.22	20.64	20.69	20.19	---	---	20.61			

NOTE: Elevation was below lowest recordable elevation of 20.11 ft, Oct. 1-7, Oct. 10 to Nov. 18, Nov. 23-27, July 16, 17, 19, 20, 25-28, July 30 to Aug. 1, Aug. 25, 26, Aug. 28 to Sept. 5, Sept. 8-11, 14-19, 24-30.

MISSISSIPPI RIVER DELTA

07378083 BEAVER BAYOU AT HOOPER ROAD, NEAR BATON ROUGE, LA

LOCATION.--Lat 30°33'39", long 91°01'15", in sec. 4, T. 6 S., R. 2 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070207, near center of box culvert on downstream side of State Highway 408, 1,200 ft east of Roundsville Road, and 8.6 mi northeast of Baton Rouge Post Office.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--March 1982 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft National Geodetic Vertical Datum of 1929 (levels by East Baton Rouge Parish, Department of Public Works).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 11.98 ft Apr. 6, 1983; minimum, 3.25 ft Sept. 6, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 11.98 ft Apr. 6; minimum, 3.26 ft Oct. 2.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.32	3.75	4.37	7.92	8.19	4.38	3.97	3.87	3.75	---	4.47	3.82
2	3.28	3.57	4.25	5.86	5.32	4.21	3.99	3.86	3.77	---	11.48	3.73
3	3.35	3.55	6.37	4.70	4.47	4.13	3.90	3.84	3.72	---	9.88	3.83
4	3.37	3.54	11.23	4.34	4.22	4.81	3.94	3.86	3.94	---	6.06	3.73
5	3.33	3.48	6.73	4.18	5.81	6.59	5.28	3.80	4.83	---	4.69	3.87
6	3.41	3.44	4.73	4.16	6.47	4.90	11.74	3.81	4.64	---	4.50	4.56
7	4.28	3.42	4.32	4.10	4.68	4.30	11.00	3.82	5.67	---	4.25	4.35
8	4.79	3.40	4.18	5.11	4.28	4.13	6.49	3.83	4.42	---	4.34	4.18
9	3.94	3.37	4.27	6.22	4.79	4.04	4.84	3.90	4.05	---	4.39	4.00
10	3.65	3.41	4.38	4.71	6.77	4.05	4.41	3.86	3.92	---	4.18	3.88
11	3.50	3.48	5.05	4.32	4.76	4.00	4.28	3.78	4.04	---	4.21	4.27
12	3.50	3.47	4.68	4.15	4.31	4.02	4.22	3.76	3.92	---	4.76	4.38
13	3.52	3.48	4.25	4.05	4.22	4.00	4.24	3.75	3.90	---	4.80	4.10
14	3.46	3.50	4.30	4.20	4.13	3.99	---	3.73	3.97	---	4.27	4.08
15	3.38	3.46	4.71	4.30	4.07	4.00	---	4.09	4.44	---	4.06	3.85
16	3.39	3.44	4.60	4.40	4.21	3.97	---	4.74	4.36	---	4.08	3.78
17	3.39	3.62	4.22	4.47	4.37	4.02	---	4.00	4.18	---	4.08	3.76
18	3.36	3.73	4.12	4.48	4.35	3.99	4.12	3.77	4.33	---	4.63	3.68
19	3.32	4.36	4.08	4.55	4.38	3.96	4.16	3.68	4.58	3.64	4.56	3.74
20	3.34	4.20	3.99	8.87	4.37	5.63	4.13	4.11	4.33	3.77	4.39	4.27
21	3.36	4.18	3.94	5.71	5.65	4.60	4.09	7.26	4.17	4.16	4.03	4.75
22	3.34	4.09	4.07	4.59	6.27	4.10	4.32	10.34	4.05	3.82	3.87	4.22
23	3.40	4.01	4.21	4.27	4.68	4.35	5.57	6.18	---	3.75	3.89	3.94
24	3.35	4.06	4.41	4.14	4.34	6.31	4.38	4.47	---	3.72	4.13	3.79
25	3.33	4.03	4.50	4.60	4.21	4.55	4.09	4.16	---	3.70	3.89	3.73
26	3.39	3.98	6.55	4.42	4.19	6.13	3.99	4.10	---	3.67	3.81	3.78
27	3.36	4.11	9.75	4.26	4.33	5.55	3.92	4.03	---	3.65	3.84	3.68
28	3.33	4.45	6.22	4.14	4.62	4.35	3.90	3.91	---	3.63	3.78	3.66
29	3.33	4.14	4.80	4.22	---	4.05	3.90	3.86	---	3.61	3.74	3.66
30	4.26	4.24	4.41	4.46	---	4.07	3.89	3.85	---	3.60	3.75	3.72
31	4.59	---	4.97	4.31	---	4.08	---	3.80	---	3.63	3.94	---
MAX	4.79	4.45	11.23	8.87	8.19	6.59	11.74	10.34	5.67	---	11.48	4.75
MIN	3.28	3.37	3.94	4.05	4.07	3.96	3.89	3.68	---	---	3.74	3.66

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, East Baton Rouge-Livingston Parish line, Hydrologic Unit 08070202, on downstream side of bridge on U.S. Highway 190, 1,000 ft downstream from Comite River, 2.3 mi southwest of town of Denham Springs, and 15 mi east of Baton Rouge.

DRAINAGE AREA.--1,280 mi².

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

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Sept. 1, 1938, to Aug. 8, 1939, non-recording gage at same site. Prior to Oct. 1, 1977, at datum 3.87 ft higher. Water-stage recorder for Amite River at 4-H Camp, near Denham Springs (station 07378510) used as auxiliary gage for this station (discontinued September 1983).

REMARKS.--Records good. Since 1957, considerable flow from 46 mi² diverted from basin. Records of dissolved oxygen and water temperatures for the water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--45 years, 2,021 ft³/s, 21.44 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 112,000 ft³/s Apr. 8, 1983, gage height, 41.50 ft from floodmark, present datum; minimum daily discharge, 271 ft³/s Oct. 17, 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 12,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 7	0130	46800	32.69	Apr. 8	unknown	*112000	a*41.50
Dec. 28	2000	30600	29.38	Apr. 13	2315	13800	25.70
Jan. 3	0800	16000	26.27	May 23	1015	35400	30.38
Jan. 22	0630	16700	26.44	Aug. 3	1700	36800	30.67
Feb. 3	1215	31900	29.66				

a From floodmark.

Minimum discharge, 345 ft³/s Oct. 27, gage height, 10.23 ft.

DISCHARGE, IN CURIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	377	386	1180	9560	8450	2070	1670	900	948	2220	1200	712
2	376	365	953	13000	19900	2010	1520	860	911	1980	19400	686
3	386	367	2130	15400	31200	1740	1380	810	861	1570	33500	689
4	381	361	17300	12100	26300	1790	1280	760	818	1280	31000	672
5	370	361	39300	7530	12800	4210	1630	740	929	1160	17300	719
6	379	351	43300	3620	11300	7030	26300	710	909	3000	8280	1030
7	435	348	29500	2410	13500	7880	94900	692	2440	4840	4290	1150
8	975	348	13200	2040	10400	5500	105000	684	6000	2070	2370	885
9	786	348	4700	4530	5580	2640	74400	658	5470	1300	4400	710
10	622	350	2170	5940	6680	1830	8110	649	2280	1080	4610	665
11	501	348	2110	4360	9990	1530	3780	644	1650	964	2690	669
12	433	351	2910	2660	9820	1360	6030	635	1200	900	2200	852
13	423	353	2260	2000	6160	1230	12000	621	909	858	2000	854
14	402	354	1750	1670	3160	1150	12600	609	871	823	1550	802
15	392	355	1590	1480	2350	1120	7960	651	1160	800	1260	713
16	389	350	2250	1340	2140	1050	3640	1200	2260	777	1120	630
17	384	376	2270	1240	1970	1010	2350	1460	4430	851	1270	603
18	379	449	1760	1150	1770	980	1990	1430	3670	888	1600	594
19	374	645	1380	1100	1600	952	1880	983	2340	742	1540	663
20	371	828	1140	5410	1460	1500	1800	855	1950	765	1200	1400
21	367	1870	1010	13400	1840	2770	1730	3650	1550	995	995	1990
22	358	1240	1020	15800	5250	2820	1630	17600	1460	1220	905	1510
23	356	756	1070	11200	8710	2040	2090	33400	2250	862	875	969
24	356	596	1160	5770	7370	4330	1720	21500	4510	742	1090	796
25	354	529	1830	2960	3970	8070	1580	11000	6070	704	956	683
26	349	530	5760	3210	2430	9390	1320	4970	5620	680	849	634
27	348	529	19200	3240	2000	11400	1180	2250	5670	661	893	611
28	352	720	28900	2600	1950	9480	1100	1650	6530	707	810	619
29	352	1250	28500	2550	---	4980	1020	1360	5660	876	808	583
30	351	1420	20100	3340	---	2530	950	1170	3440	869	757	565
31	396	---	10400	4050	---	1950	---	1040	---	754	757	---
TOTAL	13074	17434	292103	166660	220050	108342	384540	116141	84766	37938	152475	24658
MEAN	422	581	9423	5376	7859	3495	12820	3746	2826	1224	4919	822
MAX	975	1870	43300	15800	31200	11400	105000	33400	6530	4840	33500	1990
MIN	348	348	953	1100	1460	952	950	609	818	661	757	565
CFSM	.33	.45	7.36	4.20	6.14	2.73	10.0	2.93	2.21	.96	3.84	.64
IN.	.38	.51	8.49	4.84	6.40	3.15	11.18	3.38	2.46	1.10	4.43	.72
CAL YR 1982	TOTAL	778585	MEAN	2133	MAX	43300	MIN	348	CFSM	1.67	IN	22.63
WTR YR 1983	TOTAL	1618181	MEAN	4433	MAX	105000	MIN	348	CFSM	3.46	IN	47.03

MISSISSIPPI RIVER DELTA

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.35	10.39	12.47	24.01	23.03	15.05	14.19	---	12.95	15.37	12.88	11.75
2	10.35	10.31	11.93	25.43	26.96	14.93	13.86	---	12.84	14.86	26.72	11.67
3	10.39	10.31	14.08	26.14	29.51	14.33	13.55	---	12.69	13.96	29.98	11.68
4	10.37	10.29	26.30	25.10	28.48	14.43	13.31	---	12.56	13.31	---	11.63
5	10.32	10.29	31.18	22.59	25.21	18.96	13.95	---	12.88	13.03	26.45	11.77
6	10.36	10.25	31.98	18.05	24.86	22.29	28.15	12.28	12.74	16.73	23.17	12.64
7	10.56	10.24	29.15	15.78	25.59	22.93	39.68	12.22	15.85	19.92	19.07	12.94
8	11.99	10.24	25.21	14.98	24.38	20.73	40.80	12.20	---	15.04	15.69	12.26
9	11.52	10.24	19.59	19.46	20.79	16.21	37.18	12.12	---	13.35	19.29	11.75
10	11.10	10.25	15.27	21.42	21.96	14.54	22.92	12.08	---	12.82	19.67	11.61
11	10.77	10.24	15.12	19.26	24.26	13.88	18.33	12.06	---	12.50	16.33	11.62
12	10.57	10.25	16.78	16.28	24.17	13.50	20.79	12.04	---	12.31	15.33	12.17
13	10.53	10.26	15.45	14.90	21.40	13.20	25.08	11.99	12.82	12.19	14.90	12.18
14	10.45	10.27	14.36	14.19	17.25	13.00	25.31	11.95	12.59	12.09	13.93	12.02
15	10.41	10.27	14.01	13.76	15.64	12.92	22.90	12.07	13.18	12.02	13.27	11.75
16	10.40	10.25	15.44	13.44	15.20	12.74	18.07	13.47	15.44	11.95	12.91	11.50
17	10.38	10.35	15.48	13.22	14.84	12.64	15.65	13.94	19.44	12.16	13.27	11.41
18	10.36	10.62	14.37	13.00	14.40	12.55	14.88	13.97	18.17	12.27	14.04	11.39
19	10.34	11.16	13.53	12.87	14.04	12.46	---	13.03	15.60	11.84	13.89	11.60
20	10.33	11.63	12.96	19.84	13.72	13.75	---	12.69	14.79	11.91	13.12	13.57
21	10.31	13.96	12.63	25.53	14.53	16.51	14.32	17.95	13.92	12.55	12.59	14.87
22	10.28	12.60	12.66	26.24	20.36	16.59	14.10	26.03	13.73	13.15	12.33	13.82
23	10.27	11.45	12.79	24.72	23.49	14.98	15.10	29.97	15.31	12.20	12.24	12.51
24	10.27	11.03	13.03	20.90	22.52	19.11	14.32	27.46	19.58	11.84	12.84	12.01
25	10.27	10.85	14.52	16.87	18.61	23.06	14.03	24.63	21.48	11.73	12.47	11.66
26	10.24	10.85	20.71	17.35	15.81	23.91	13.50	19.91	21.02	11.65	12.16	11.51
27	10.24	10.85	26.93	17.41	14.90	24.92	13.22	15.47	21.08	11.60	12.29	11.44
28	10.26	11.36	29.03	16.16	14.80	23.95	13.07	14.36	21.92	11.73	12.05	11.46
29	10.26	12.61	28.95	16.06	---	20.03	12.90	13.82	20.92	12.24	12.04	11.35
30	10.25	13.00	27.16	17.58	---	16.00	---	13.46	17.77	12.22	11.89	11.29
31	10.43	---	24.29	18.90	---	14.80	---	13.17	---	11.88	11.89	---
MAX	11.99	13.96	31.98	26.24	29.51	24.92	40.80	29.97	21.92	19.92	29.98	14.87
MIN	10.24	10.24	11.93	12.87	13.72	12.46	---	11.95	12.56	11.60	11.89	11.29

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°26'30", long 90°58'20", in lot 41, T. 7 S., R. 2 E., St. Helena meridian, Livingston Parish, Hydrologic Unit 08070202, on left bank, 3.0 mi downstream from gaging station Amite River near Denham Springs (station 07378500), 3.0 mi southwest of town of Denham Springs, and 3.2 mi downstream from Comite River.

DRAINAGE AREA.--1,290 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1973 to September 1975, February 1977 to September 1983 (elevations only, discontinued). Unpublished records, October 1945 to September 1973, available in files of Baton Rouge district office.

GAGE.--water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Dec. 23, 1952, nonrecording gage at same site. Prior to Oct. 1, 1977, at datum 3.12 ft higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 38.21 ft, present datum, Apr. 23, 1977; minimum, 5.98 ft, present datum, Oct. 27, 28, 1983.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since October 1945, 38.21 ft Apr. 23, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 38.14 ft Apr. 8, from floodmark; minimum, 5.98 ft Oct. 27, 28, but may have been less during the period of no gage-height record, Oct. 1-4.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	6.18	8.60	20.95	18.75	---	---	8.90	8.97	14.01	8.80	7.76
2	---	6.08	7.97	22.15	24.45	---	---	8.79	8.85	11.33	23.27	7.70
3	---	6.07	9.87	23.24	24.78	---	---	8.70	8.71	10.68	27.19	7.69
4	---	6.05	22.56	21.51	24.70	---	---	8.63	8.58	9.69	27.10	7.64
5	6.06	6.04	28.68	20.19	22.94	---	---	8.50	8.86	9.06	23.73	7.75
6	6.09	6.01	30.13	15.56	21.75	---	---	8.39	8.83	9.09	20.45	8.57
7	6.35	5.99	27.55	12.19	22.55	---	---	8.31	11.81	14.11	16.52	8.94
8	7.89	5.99	23.76	11.17	21.57	---	---	8.28	14.82	15.02	12.11	8.41
9	7.51	5.99	18.56	15.06	18.37	---	---	8.20	15.39	10.26	15.05	7.78
10	7.01	5.99	12.78	17.69	18.33	---	---	8.15	11.07	9.05	15.91	7.65
11	6.63	5.99	11.67	16.23	20.51	---	---	8.13	9.23	8.60	12.60	7.62
12	6.37	6.00	13.42	12.89	21.04	---	---	8.10	8.83	8.40	11.35	8.06
13	6.32	6.02	12.31	11.22	18.56	---	---	8.04	8.98	8.29	10.75	8.14
14	6.21	6.02	11.06	10.42	14.02	---	---	8.00	9.16	8.18	9.71	8.04
15	6.17	6.03	10.41	9.95	11.98	---	---	8.09	9.60	8.09	9.07	7.77
16	6.16	6.01	---	9.60	11.54	---	---	9.55	11.69	8.01	8.72	7.56
17	6.14	6.09	---	9.36	11.14	---	---	9.77	15.74	7.93	9.14	7.52
18	6.13	6.42	---	9.12	10.62	---	---	10.06	---	8.81	9.82	7.14
19	6.10	7.00	---	8.96	9.76	---	---	9.08	---	7.86	9.65	7.58
20	6.09	7.54	---	15.32	9.23	---	---	8.67	---	7.79	8.88	9.43
21	6.08	9.89	---	21.72	10.08	---	10.56	13.62	---	8.09	8.39	10.78
22	6.04	8.90	---	23.23	15.64	---	10.39	21.98	---	9.28	8.14	9.89
23	6.01	7.46	8.60	22.15	19.29	---	11.31	27.20	---	8.28	8.04	8.49
24	6.01	6.93	8.80	18.75	19.31	---	10.57	25.06	---	7.79	8.53	8.00
25	6.02	6.69	10.23	13.93	15.81	---	10.27	21.97	---	7.66	8.20	7.68
26	5.99	6.68	15.98	13.49	12.21	---	9.76	17.72	---	7.56	---	7.59
27	5.98	6.69	23.20	13.85	11.02	---	9.46	12.11	---	7.53	---	7.12
28	5.99	7.26	26.37	12.48	---	---	9.27	10.42	18.25	7.65	---	7.46
29	6.00	8.46	26.62	12.32	---	---	9.09	9.83	18.59	8.19	8.05	7.40
30	6.00	9.21	24.92	13.53	---	---	8.98	9.46	17.27	8.20	7.91	7.34
31	6.19	---	22.05	15.16	---	---	---	9.18	---	7.88	7.87	---
MAX	7.89	9.89	30.13	23.24	24.78	---	---	27.20	---	15.02	27.19	10.78
MIN	---	5.99	7.97	8.96	9.23	---	---	8.00	8.58	7.53	7.87	7.12

NOTE: No gage-height record Oct. 1-4, Feb. 28 to Apr. 21, June 18-28.

MISSISSIPPI RIVER DELTA

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1952-53, 1973 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1973 to April 1979, March 1981 to September 1981.

WATER TEMPERATURES: March 1973 to April 1979, March 1981 to September 1981.

INSTRUMENTATION.--Water-quality monitor March 1973 to April 1980.

REMARKS.--Lower limit of specific conductance sensor is 28 micromhos. Probes located 3.0 ft above bottom of river. Discharge data are available for Amite River near Denham Springs (station 07378500), 3.0 mi upstream.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 184 micromhos May 5, 1978; minimum, 28 micromhos or lower on several days during spring of 1973-1977.

WATER TEMPERATURES: Maximum, 34.5°C June 25, 26, 1978; minimum, 7.0°C Jan. 3, 19, 20, Feb. 1, 1977.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A specific conductance of 335 micromhos was observed on Apr. 4, 1983; a specific conductance of 17 micromhos was observed on Mar. 28, 1973.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	DIS- CHARGE, IN CURIC FEET PER SECOND	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COHALT UNITS)	TUR- BID- IDY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 22...	1040	358	56	6.1	19.5	30	14	8.7	.8	130	260
JAN 28...	1400	3220	43	6.1	10.5	50	55	9.9	1.4	K1400	4600
APR 04...	0945	1200	335	6.9	17.0	20	25	9.1	1.0	130	240
JUL 20...	1145	740	60	6.5	29.0	15	15	7.7	.8	180	550

DATE	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 22...	10	2.3	1.0	5.7	1.3	13	<5.0	6.7	<.1	12
JAN 28...	9	2.2	.9	4.7	1.3	8	7.4	4.8	<.1	9.6
APR 04...	130	34	10	15	2.8	106	22	26	.1	8.1
JUL 20...	13	3.2	1.2	6.5	1.3	14	4.5	6.9	.1	11

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTIT- UENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)
OCT 22...	56	--	<.10	.04	.2	.08	.07	.05	40	2
JAN 28...	40	36	.34	.17	.3	.08	--	.02	10	1
APR 04...	196	182	.38	.10	.7	.19	.10	.08	10	2
JUL 20...	42	43	<.10	.04	.3	.05	.03	.01	20	1

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

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

MISSISSIPPI RIVER DELTA

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07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	RARIUM, DIS- SOLVED (UG/L AS RA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BF)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CORALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PR)	LITHIUM DIS- SOLVED (UG/L AS LI)
OCT 22...	21	<1	<1	<1	<3	10	540	4	<4
JAN 28...	33	<1	1	1	<3	3	170	<1	<4
APR 04...	77	<1	<1	<1	<3	6	47	6	7
JUL 20...	37	<1	<1	<1	<3	2	260	10	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 22...	79	<.1	<10	2	<1	<1	24	<6	9
JAN 28...	120	.3	<10	1	<1	1	21	<6	6
APR 04...	2	.2	<10	2	<1	<1	170	<6	<3
JUL 20...	260	.1	<10	3	<1	<1	30	<6	9

DATE	SEDI- MENT, DIS- SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 22...	38	37	94
JAN 28...	46	400	95
APR 04...	36	117	92
JUL 20...	30	60	90

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

MISSISSIPPI RIVER DELTA

07380108 BAYOU MANCHAC AT MOUTH, NEAR PORT VINCENT, LA

LOCATION.--Lat 30°20'43", long 90°53'35", in lot 18, T.8 S., R.3 E., Ascension Parish, Hydrologic Unit 08070202, on right bank 100 ft upstream from mouth, 2.6 mi northwest of Port Vincent, and 5.0 mi downstream from Clay Cut Bayou.

DRAINAGE AREA.--153 mi².

PERIOD OF RECORD.--Annual maximum elevation, water years 1972-74, October 1974 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to October 1974 at datum 1.00 ft higher.

REMARKS.--No elevations recorded below 1.25 ft. Elevations affected by tide below about 3.0 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 18.85 ft Apr. 8, 1983, from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 18.85 ft, Apr. 8, from floodmark.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.15	2.12	1.95	7.20	3.39	2.77	1.97		---	2.53	2.33	---
2	2.27	2.11	2.01	6.20	4.31	2.17	1.45		2.23	2.13	7.49	---
3	2.43	1.99	2.37	5.90	6.34	1.36	1.36		2.28	1.88	8.80	---
4	2.40	1.62	5.46	4.00	8.63	1.72	1.36	2.00	2.27	1.81	10.73	---
5	2.49	1.26	6.44	5.00	8.13	3.00	1.79	1.66	2.24	1.72	10.70	1.86
6	2.46	1.26	10.26	4.20	6.79	3.50	4.28	1.63	2.32	1.70	8.70	2.06
7	2.29	1.26	11.69	2.10	5.53	3.57	10.18	1.63	2.42	2.24	6.51	1.91
8	2.32	1.25	10.29	---	5.26	3.59	---	1.65	2.77	2.30	4.41	2.08
9	2.11	1.26	7.68	1.80	4.49	2.71	---	1.63	3.08	2.10	3.32	1.82
10	1.84	1.27	4.65	2.20	4.33	1.38	---	1.63	2.81	2.10	3.33	---
11	1.67	1.27	3.04	2.80	3.91	1.37	---	1.67	2.59	1.96	2.70	---
12	1.71	1.73	2.69	1.80	3.99	1.37	---	1.72	2.75	1.86		1.85
13	1.73	1.44	2.14	---	3.88	1.37	---	1.96	2.96	1.86	---	---
14	1.44	1.63	2.08	---	2.73	1.36	---	2.05	3.07	1.89	---	---
15	1.27	1.49	2.47	---	1.49	1.36	7.13	2.24	2.98	1.77	---	---
16	1.26	1.62	2.35	---	1.79	1.71	7.10	2.28	2.71	---	---	---
17	1.26	1.91	2.00	---	2.32	2.06	6.51	2.49	2.76	---	2.01	---
18	1.49	1.96	---	---	1.94	1.93	5.23	2.20	2.82	---	2.25	---
19	1.65	1.87	---	---	1.52	1.37	3.19	2.51	2.64	---	2.21	---
20	1.98	1.88	---	3.10	1.77	1.38	2.62	2.40	2.52	---	1.89	2.12
21	1.77	1.81	---	4.10	2.40	1.37	2.46	2.49	2.62	---	---	2.06
22	1.53	1.73	---	5.20	3.81	1.37	2.46	---	2.75	---	---	1.54
23	1.33	1.49	---	5.30	3.84	1.37	2.57	---	2.59	---	---	1.89
24	1.37	1.43	2.00	5.10	3.93	2.39	2.88	---	2.84	---	---	1.98
25	1.33	1.46	2.10	3.10	3.40	2.65	2.47	---	3.00	---	---	2.16
26	1.27	1.78	3.00	2.30	2.38	3.25	1.69	---	3.51	---	---	2.31
27	1.26	2.21	4.20	2.30	2.70	4.80	1.63	---	3.67	---	1.79	2.12
28	1.26	2.16	6.20	2.10	3.10	4.73	1.62	---	3.91	---	2.19	1.93
29	1.77	1.78	8.10	2.03	---	4.26	1.64	---	3.83	---	---	1.87
30	2.07	1.89	8.90	1.84	---	2.97	1.76	---	3.47	1.79	---	1.79
31	2.15	---	7.30	2.12	---	2.35	---	---	---	2.05	---	---
MAX	2.49	2.21	11.69	7.20	8.63	4.80	---	---	3.91	2.53	10.73	---
MIN	1.26	1.25	---	---	1.49	1.36	1.36	---	---	---	---	---

NOTE: No gage-height record Dec. 19-22, Jan. 8, 13-19, Apr. 8-14, May 22 to June 1, July 16-29, Aug. 13-16, 21-26, Aug. 29 to Sept. 4, Sept. 10, 11, 13-19.

MISSISSIPPI RIVER DELTA

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07380228 NEW RIVER AT ACY, LA

LOCATION.--Lat 30°13'07", long 90°49'15", at center E1/2 sec. 32, T. 9 S., R. 4 E., Ascension Parish, Hydrologic Unit 08070204, near left bank on downstream side of bridge on State Highway 22, at Acy, and 2.4 mi upstream from Bayou Francois.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1976 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.91 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Gage height affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.99 ft Apr. 24, 1979; minimum, 2.57 ft Feb. 24, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.83 ft Apr. 10; minimum, 3.50 ft July 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.90	5.84	5.83	6.96	6.31	6.36	5.62	5.72	6.06	6.30	5.97	4.68
2	6.01	5.84	5.71	7.09	6.56	5.83	5.08	5.76	6.07	5.82	7.45	4.89
3	6.13	5.75	6.03	6.87	6.10	4.90	3.94	5.70	6.10	5.63	7.91	5.23
4	6.13	5.45	7.35	6.51	5.58	5.35	4.59	5.12	5.99	5.53	8.01	5.37
5	6.21	4.69	7.52	6.17	5.58	6.04	5.49	5.17	5.95	5.22	7.76	5.60
6	6.19	4.57	7.36	5.85	6.59	6.28	6.37	5.20	6.08	4.89	7.52	5.97
7	6.07	4.53	7.15	5.23	6.39	6.08	7.72	5.36	6.09	5.31	7.18	5.71
8	6.15	4.67	6.99	5.16	6.00	5.93	7.99	5.31	6.10	5.59	6.85	5.76
9	5.91	4.90	6.89	5.27	5.73	5.57	8.18	5.18	6.15	5.75	6.55	5.56
10	5.67	4.95	6.70	5.42	6.61	4.48	8.67	5.43	6.16	5.78	6.25	5.30
11	5.50	5.02	6.45	5.40	6.51	3.75	8.81	5.48	6.22	5.68	5.88	5.33
12	5.53	5.47	6.16	4.81	5.97	3.79	8.60	5.70	6.35	5.59	5.33	5.59
13	5.59	5.21	5.54	4.37	5.66	3.94	8.26	5.80	6.52	5.58	4.66	5.31
14	5.25	5.36	5.56	4.34	5.37	4.44	8.29	5.94	6.63	5.61	4.12	4.90
15	5.05	5.22	6.02	4.24	4.85	4.84	8.09	5.97	6.65	5.50	4.66	4.91
16	4.71	5.34	5.89	4.32	5.39	5.42	7.75	5.99	6.46	5.27	5.23	5.08
17	4.80	5.62	5.46	4.36	6.52	5.79	7.51	5.88	6.31	5.13	5.67	5.19
18	5.25	5.67	5.05	4.68	6.05	5.65	7.10	6.08	6.15	4.92	5.88	5.38
19	5.37	5.72	4.92	5.19	5.24	4.88	6.67	6.18	6.05	4.72	5.81	5.40
20	5.71	5.60	4.57	6.51	5.41	5.00	6.25	6.13	6.16	4.50	5.59	5.71
21	5.55	5.56	4.50	6.93	5.97	4.06	6.05	6.19	6.26	4.57	5.22	5.67
22	5.32	5.44	4.73	6.83	6.95	4.18	6.12	6.47	6.40	4.92	4.90	5.15
23	5.12	5.24	5.19	6.59	6.74	4.80	6.60	6.43	6.32	4.83	4.90	5.62
24	5.11	5.23	5.74	6.27	6.25	5.71	6.24	6.41	6.23	4.46	5.11	5.71
25	5.13	5.20	6.15	5.92	5.73	5.54	5.48	6.44	6.17	4.12	5.01	5.87
26	4.89	5.51	6.36	5.67	5.67	5.80	4.76	6.46	6.16	3.96	4.89	6.02
27	4.75	5.93	6.50	5.61	6.22	7.02	4.97	6.35	6.41	3.80	5.52	5.90
28	4.81	5.91	6.67	5.46	6.54	6.75	5.30	6.20	6.96	4.25	5.89	5.72
29	5.52	5.54	6.53	5.52	---	6.20	5.44	6.04	6.94	5.10	5.21	5.66
30	5.81	5.59	6.45	5.32	---	5.99	5.58	6.00	6.78	5.51	4.47	5.59
31	5.92	---	6.41	5.32	---	5.95	---	6.03	---	5.76	4.55	---
MAX	6.21	5.93	7.52	7.09	6.95	7.02	8.81	6.47	6.96	6.30	8.01	6.02
MIN	4.71	4.53	4.50	4.24	4.85	3.75	3.94	5.12	5.95	3.80	4.12	4.68

MISSISSIPPI RIVER DELTA

07380230 PASS MANCHAC AT MANCHAC, LA (CE 85420)

LOCATION.--Lat 30°16'53", long 90°24'01", T.9 S., R.8 E., St. John the Baptist-Tangipahoa Parish line, Hydrologic Unit 08070204, at bridge on U.S. Highway 51, 10 mi south of Ponchatoula, 0.4 mi north of Galva, and 0.2 mi south of Manchac.

DRAINAGE AREA.--3,204 mi².

PERIOD OF RECORD.--Water years 1957, 1963, 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to current year.

CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers since October 1974 and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 30.5°C Aug. 31, 1983; minimum daily, 4.0°C Feb. 9, 10, 1978, Jan. 15, 1979, Jan. 1, 1981.

CHLORIDE: Maximum daily, 8,400 mg/L Apr. 19, 1977; minimum daily, 10 mg/L June 7, 1980.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 30.5°C Aug. 31; minimum daily, 9.0°C Jan. 22.

CHLORIDE: Maximum daily, 2,900 mg/L Nov. 29; minimum daily, 26 mg/L Aug. 18.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCF-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.5	23.0	20.5	13.5	15.0	13.0	17.0	19.5	25.5	26.0	27.0	29.0
2	24.0	21.0	---	13.0	11.5	15.0	15.5	24.5	26.5	27.0	27.0	29.0
3	25.0	21.0	22.0	11.5	13.0	15.5	15.0	24.0	26.5	27.0	27.0	29.0
4	25.0	18.5	21.5	11.5	13.0	18.5	17.0	22.0	26.5	28.5	26.0	29.0
5	25.5	16.0	18.5	11.5	11.5	18.5	18.5	21.0	28.5	28.5	28.0	28.5
6	28.0	15.5	19.5	13.0	10.5	18.5	19.5	21.0	26.5	28.5	28.0	28.5
7	26.5	15.0	18.5	13.0	10.5	18.0	19.5	23.5	25.5	26.0	29.0	26.5
8	26.5	15.0	18.0	14.0	10.5	18.5	19.5	23.5	24.5	28.5	28.5	26.0
9	26.0	16.5	18.5	15.0	11.5	18.0	17.0	22.0	24.5	27.0	28.0	26.5
10	26.0	17.0	17.0	15.5	11.5	14.5	17.0	23.5	25.0	29.0	28.0	27.0
11	22.0	18.5	18.0	15.5	13.0	13.5	18.0	24.5	26.5	28.0	28.0	27.0
12	25.5	20.5	14.5	15.5	12.0	13.5	20.0	24.5	26.5	28.5	28.5	26.5
13	24.0	15.5	12.0	11.0	11.0	15.5	21.0	24.5	26.5	29.0	28.0	26.5
14	22.0	13.5	12.0	15.0	11.5	17.0	20.0	25.0	27.0	29.0	28.5	26.0
15	22.0	13.5	14.5	16.0	13.0	18.5	20.0	24.5	28.0	28.5	28.5	25.5
16	21.0	15.0	13.5	11.0	13.5	16.5	18.5	24.0	24.0	29.0	28.0	25.5
17	20.0	16.5	12.0	10.5	13.0	16.5	18.5	23.5	27.0	29.0	29.0	25.5
18	26.0	18.5	11.5	11.5	14.0	15.5	19.0	25.0	27.0	28.0	29.0	25.5
19	21.5	19.5	14.0	10.0	14.0	16.0	17.0	25.0	27.0	29.0	29.0	26.5
20	21.5	---	13.0	10.0	11.0	19.0	17.0	25.0	25.5	29.0	29.0	27.0
21	20.5	20.0	13.5	10.5	15.5	13.5	17.0	25.0	25.5	28.5	28.5	24.5
22	20.5	20.0	13.5	9.0	15.5	12.0	19.0	25.0	25.5	---	30.0	24.5
23	18.5	21.0	16.0	10.5	15.0	15.5	19.0	25.5	26.5	29.0	30.0	21.0
24	18.0	18.0	18.0	9.5	16.0	14.5	16.5	25.5	26.0	29.0	29.0	21.0
25	18.0	16.5	18.5	10.0	15.5	13.5	16.5	25.5	26.0	29.0	29.0	21.0
26	18.0	18.5	20.0	10.0	13.5	15.5	16.5	26.0	26.5	29.5	29.5	23.0
27	18.5	19.0	19.5	10.5	14.0	15.0	18.0	26.0	26.5	29.5	29.5	23.5
28	18.5	---	18.0	11.0	11.0	15.5	18.0	26.0	26.5	28.0	30.0	21.5
29	19.0	18.5	18.0	11.5	---	15.5	19.0	26.0	26.5	28.0	30.0	22.0
30	21.0	19.0	14.0	11.5	---	16.0	19.0	26.0	27.0	28.0	29.5	22.0
31	23.5	---	14.0	11.0	---	15.5	---	26.5	---	28.5	30.5	---
MAX	28.0	23.0	22.0	16.0	16.0	19.0	21.0	26.5	28.5	29.5	30.5	29.0
MIN	18.0	13.5	11.5	9.0	10.5	12.0	15.0	19.5	24.5	26.0	25.0	21.0

MISSISSIPPI RIVER DELTA

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07380230 PASS MANCHAC AT MANCHAC, LA (CE 85420)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2000	2200	1500	660	570	1100	200	50	160	120	64	74
2	2000	2400	---	570	360	400	260	52	---	87	72	60
3	2600	1800	1700	700	390	220	270	180	54	190	62	47
4	2800	1900	1500	620	360	800	700	210	130	140	61	62
5	2700	1800	1500	530	640	1300	260	620	140	100	74	68
6	2400	2000	2500	470	270	800	300	260	140	75	79	85
7	1500	2500	2000	330	380	380	240	200	160	100	76	50
8	1400	2100	1600	440	300	590	180	360	170	90	74	46
9	1400	2000	1500	400	270	420	260	340	160	72	68	74
10	1300	1700	1300	230	260	400	250	760	130	74	69	78
11	1300	1800	1200	240	200	340	180	440	100	62	56	52
12	1500	2100	1100	220	160	660	160	480	62	60	74	31
13	1300	1700	920	450	270	840	180	410	56	65	66	54
14	1200	2100	900	310	310	1000	240	280	34	66	33	66
15	1000	1800	800	490	150	890	140	320	86	54	67	70
16	970	2100	870	380	150	460	130	300	110	62	180	66
17	1800	2300	720	400	160	600	130	170	130	66	39	53
18	2400	2400	670	750	140	660	120	440	140	68	26	39
19	1900	1800	700	1100	120	580	96	420	120	30	27	47
20	2400	---	690	1400	140	580	48	330	100	81	49	41
21	2400	1600	---	1400	100	500	36	490	80	84	55	39
22	1800	1600	900	790	160	550	44	510	120	68	47	54
23	1500	1500	650	720	460	720	76	210	110	74	48	58
24	1600	1800	950	530	190	640	82	300	120	57	35	50
25	2300	1300	1700	620	140	390	66	320	120	54	59	44
26	1500	1500	1700	890	690	600	93	140	100	52	66	46
27	2300	2200	2600	720	1600	740	42	120	100	48	30	46
28	1500	---	790	800	1500	480	39	160	95	86	40	54
29	2300	2900	730	680	---	340	54	170	92	80	52	49
30	2800	1500	770	630	---	280	44	160	110	71	32	52
31	1900	---	740	820	---	220	---	160	---	70	320	---
MAX	2900	2900	2800	1400	1600	1300	700	760	170	190	320	85
MIN	970	1300	650	220	100	220	36	50	54	48	26	31

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85403)

LOCATION.--Lat 30°17'30", long 90°18'00", T.9 S., R.9 E., St. John the Baptist Parish, Hydrologic Unit 08090202, 6.1 mi east of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-CORALT UNITS)	TURBIDITY (NTU)	SETTLABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 15...	1430	4700	7.2	23.5	40	5.0	<1	7.8	180	2.3	170	<2
JAN 19...	1500	4710	7.4	8.5	20	55	<1	11.3	200	.3	K150	K50
APR 20...	1630	169	6.1	16.5	60	45	<1	8.5	25	1.3	210	K44
JUL 07...	0930	338	6.8	30.0	100	85	<1	6.5	18	.8	220	K45

DATE	HARDNESS (MG/L AS CaCO3)	CALCIUM DIS-SOLVED (MG/L AS Ca)	MAGNESIUM DIS-SOLVED (MG/L AS Mg)	SODIUM DIS-SOLVED (MG/L AS Na)	POTASSIUM DIS-SOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CaCO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLORIDE DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 15...	440	40	82	710	27	34	190	1300	9	--	.02	<.1
JAN 19...	460	37	89	760	28	32	210	1400	149	.10	.10	.2
APR 20...	32	3.8	5.6	21	2.0	10	11	42	20	.07	.03	.1
JUL 07...	63	13	7.5	42	3.4	36	19	71	49	.50	.10	.6

DATE	NITROGEN, AMMONIA + ORGANIC NTS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM, TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM, DIS-SOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS-SOLVED (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT 15...	.7	.04	1	<1	<10	<10	1	1	20	<1	6	4
JAN 19...	.4	.17	2	1	<10	<10	3	3	20	--	8	5
APR 20...	.5	.09	1	1	<10	1	1	1	10	<1	2	3
JUL 07...	.9	.17	1	1	<10	<1	1	<1	20	<1	11	4

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY, TOTAL RECOVERABLE (UG/L AS HG)	MERCURY, DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DIS-SOLVED (UG/L AS SE)	VANADIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 15...	30	3	<1	.2	.2	5	5	<1	<1	--	20	10
JAN 19...	30	33	27	.1	.2	9	3	<1	<1	--	50	20
APR 20...	230	2	5	.3	.1	5	2	<1	<1	1.2	10	12
JUL 07...	83	11	11	<.1	<.1	12	4	<1	<1	2.0	60	14

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

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

MISSISSIPPI RIVER DELTA

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301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85403)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L)	PCR, TOTAL (UG/L)	NAPH- THA- LFNES, POLY- CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)
OCT 15...	4.1	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JAN 19...	13	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
APR 20...	8.5	<.01	8	4	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01
JUL 07...	9.6	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01

DATE	DI- ELDRIN TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL (UG/L)
OCT 15...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN 19...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 20...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 07...	.005	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA- THION, TOTAL (UG/L)	PER- THANE TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)
OCT 15...	<.01	<.01	<.1	<1	<.01	--	--	--	--	9.5	<.1
JAN 19...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	2.0	<.1
APR 20...	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	1.1	<.1
JUL 07...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	3.9	<.1

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

MISSISSIPPI RIVER DELTA

300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)

LOCATION.--Lat 30°00'24", long 89°56'05", T.12 S., R.13 E., Orleans Parish, Hydrologic Unit 08090203, at New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CTIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD) UNITS	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- CORALIT UNITS)	TUR- BID- ITY (NTU)	SETTLE- ABLE MATTER (ML/L/ HR)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 15...	1045	15600	7.4	25.0	20	3.0	<1	7.0	680	1.9	98	K24
JAN 19...	0945	13100	7.7	10.5	20	9.0	<1	10.8	430	2.1	2200	>600
APR 20...	1240	6040	7.5	18.5	15	20	<1	9.1	110	1.3	220	130
JUL 07...	1530	9320	7.8	31.0	5	5.0	<1	10.3	220	4.7	380	100

DATE	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDED (MG/L)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)
OCT 15...	--	--	--	--	--	64	--	6400	--	.12	.08
JAN 19...	1500	97	300	2300	89	61	570	4200	1	.08	.02
APR 20...	650	48	130	1000	37	57	270	1900	32	.15	.05
JUL 07...	1000	90	200	1700	59	101	410	2900	20	.08	.02

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC DIS- (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)	CHRO- MIUM, HEXA- VALENT, DIS- (UG/L AS CR)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU)
OCT 15...	.2	1.1	.06	--	--	--	--	--	--	--	--	--
JAN 19...	.1	<.1	.07	1	<1	10	<10	5	4	20	<1	--
APR 20...	.2	.5	.08	1	1	10	<10	1	1	20	<1	5
JUL 07...	.1	.6	.09	1	1	<10	<10	2	1	20	<1	5

DATE	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FF)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	LEAD, DIS- SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, TOTAL (UG/L AS SE)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 15...	--	--	--	--	--	--	--	--	--	--	--	--
JAN 19...	4	40	20	12	.1	.1	3	3	<1	<1	30	20
APR 20...	2	20	--	4	.3	.3	8	3	<1	<1	20	<10
JUL 07...	5	30	4	2	.3	.3	3	2	<1	<1	40	20

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

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

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

MISSISSIPPI RIVER DELTA

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300024089560500 INTRACOASTAL WATERWAY AT NOPSI PLANT NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L)	PCR, TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR, TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)
OCT 15...	2.8	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	.02
JAN 19...	8.1	<.01	<1	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01
APR 20...	7.6	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	.01
JUL 07...	5.8	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01

DATE	DT- ELDRIN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL (UG/L)
OCT 15...	<.001	<.001	<.001	<.01	<.001	.001	<.001	<.01	<.01	<.01	<.01
JAN 19...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 20...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 07...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIRFX, TOTAL (UG/L)	PARA- THION, TOTAL (UG/L)	PER- THANE TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)
OCT 15...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	8.8	<.1
JAN 19...	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	6.2	<.1
APR 20...	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	10.0	<.1
JUL 07...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	31.0	<.1

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

MISSISSIPPI RIVER DELTA

295019089411500 BAYOU LA LOUTRE AT ALLUVIAL CITY, AT YSCLOSKEY, LA (CE 85775)

LOCATION.--Lat 29°50'19", long 89°41'15", T.14 S., R.15 E., St. Bernard Parish, Hydrologic Unit 08090203,
0.2 mi south of Yscloskey.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to September 1979, November 1980 to current year.

CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 32.0°C July 20, 1977; minimum daily, 0.5°C Jan. 2, 5, 14, 16, 17, 1981.

CHLORIDE: Maximum daily, 16,000 mg/L June 29, 30, July 1-4, 7-9, 12, 1977, Sept. 6, 1981; minimum daily,
120 mg/L June 12, 18-20, 23, 1983.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 29.0°C Aug. 23, Sept. 1, 2; minimum daily, 11.0°C Dec. 19, 22, 23,
Jan. 16.

CHLORIDE: Maximum daily, 11,000 mg/L Oct. 23, Nov. 15, 16; minimum daily, 120 mg/L June 12, 18-20, 23.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	20.5	14.0	15.5	14.5	14.5	---	21.0	27.0	26.5	---	29.0
2	25.5	20.5	13.0	15.0	14.0	15.0	---	21.5	27.0	28.0	---	29.0
3	25.5	20.0	13.0	14.5	14.0	14.0	---	20.5	28.0	28.0	---	28.5
4	25.0	19.5	15.0	14.5	13.5	14.5	---	21.0	27.0	27.0	28.0	28.5
5	24.5	19.5	14.5	14.0	13.5	15.0	---	20.5	26.5	28.0	27.0	28.5
6	25.0	19.0	14.5	15.5	13.0	15.5	---	20.0	27.0	27.0	27.0	28.0
7	25.5	19.0	14.0	15.5	12.0	15.5	---	20.5	26.5	28.0	26.5	28.0
8	25.5	18.5	13.0	16.0	12.0	16.0	22.0	21.0	26.5	28.5	28.0	28.0
9	24.5	18.5	13.5	14.5	13.0	16.0	22.0	21.5	27.0	28.5	28.0	28.5
10	24.0	18.5	13.5	14.0	13.0	15.5	22.0	21.5	27.0	28.0	27.0	26.5
11	24.0	19.0	12.0	16.0	12.0	---	22.0	23.0	27.0	28.0	28.5	27.0
12	25.5	18.0	13.0	16.0	---	---	22.0	23.0	28.0	27.0	24.5	26.5
13	26.0	18.0	13.0	13.5	---	15.0	21.5	23.5	28.0	27.0	28.0	28.0
14	26.0	18.5	13.0	13.5	---	15.5	21.5	23.5	28.5	28.0	26.5	27.0
15	25.0	18.5	12.0	13.0	---	16.0	21.5	24.0	28.0	28.0	27.0	28.0
16	25.0	17.0	12.0	11.0	---	16.5	21.5	23.0	26.5	28.5	28.0	27.0
17	25.5	17.0	11.5	16.5	---	16.5	22.0	---	26.5	28.5	28.5	28.0
18	24.5	16.5	11.5	14.0	---	17.0	22.0	---	26.5	28.0	28.5	26.5
19	24.5	16.5	11.0	13.0	---	18.0	22.0	---	26.5	28.0	28.0	27.0
20	25.5	17.0	11.5	14.5	---	18.5	23.0	---	27.0	27.0	28.0	26.5
21	25.5	---	13.0	14.5	---	18.5	23.0	26.5	26.5	27.0	27.0	27.0
22	26.0	---	11.0	14.5	---	18.0	23.0	26.5	26.5	28.0	27.5	---
23	25.0	---	11.0	15.5	---	15.5	23.0	26.0	27.0	28.0	29.0	26.5
24	24.5	---	12.0	16.5	---	15.0	23.0	26.0	27.0	28.5	27.5	26.0
25	23.5	---	13.0	16.5	---	14.5	23.0	27.0	27.0	28.5	28.0	25.5
26	23.5	---	14.5	17.0	---	15.5	23.0	27.0	27.0	28.5	28.0	25.5
27	23.0	---	14.5	17.0	---	15.5	23.0	26.5	27.0	28.0	27.5	25.0
28	23.0	---	13.5	16.5	---	16.0	23.0	27.0	26.5	28.0	---	25.0
29	22.0	---	13.5	16.5	---	20.0	23.0	26.5	28.0	28.0	---	24.5
30	22.0	---	13.0	16.5	---	20.0	23.0	28.0	27.0	28.5	---	24.5
31	21.0	---	---	16.0	---	20.0	---	28.0	---	28.0	---	---
MAX	26.0	---	15.0	17.0	---	20.0	---	28.0	28.5	28.5	---	29.0
MIN	21.0	---	11.0	11.0	---	14.0	---	20.0	26.5	26.5	---	24.5

MISSISSIPPI RIVER DELTA

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295019089411500 BAYOU LALOUTRE AT ALLUVIAL CITY, AT YSCLOSKEY, LA (CE 85775)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCF-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	6200	4100	2900	3700	2600	2900	2900	910	460	---	5100
2	7200	6600	4200	2900	3700	2600	3100	3000	780	630	---	5100
3	7800	6600	4200	2900	3500	2500	3200	3000	860	830	---	5200
4	7700	6500	4100	3100	3700	2600	3100	2900	760	750	5200	5300
5	7600	6500	4200	2800	3700	2500	3000	3000	720	470	5200	5200
6	7700	6700	4100	2900	3600	2600	3300	3000	760	360	5100	5200
7	7400	6400	4200	2900	3600	2600	3200	2900	730	390	5200	5000
8	3400	6600	4200	2900	3700	2600	3200	3000	750	5300	5200	5400
9	6700	5000	4000	2900	3700	2500	3100	2900	730	5300	5000	5400
10	7400	7700	4100	2900	3800	2500	3400	4100	730	4200	5100	5500
11	7600	6400	4100	3000	3700	---	3200	3800	360	6100	---	5300
12	7500	7300	4300	3000	---	---	3000	3900	120	5300	5000	5500
13	7800	7200	4200	2900	---	5700	3100	3800	130	5100	5300	5600
14	7500	7400	4200	2800	---	5400	3200	3900	140	5200	4900	5400
15	7500	11000	4100	3000	---	5400	3200	3800	130	5200	5200	5300
16	7600	11000	4100	3000	---	5400	3100	3900	130	5200	5000	5300
17	7500	6900	4000	7000	---	5400	7100	---	130	5300	4900	5300
18	7300	7200	4200	3700	---	5700	7200	---	120	5100	4900	5200
19	7600	7000	4200	3800	---	5300	7100	---	120	5100	5000	5300
20	7300	7000	4300	3700	---	5500	7200	---	120	5200	5100	5300
21	7400	---	4000	3600	---	5600	7200	2800	130	4800	5100	5400
22	7600	---	4200	3700	---	5600	4000	1500	140	5200	5100	---
23	11000	---	4000	3600	---	5500	3900	1800	120	5200	5100	5300
24	6500	---	4100	3600	---	5400	3900	2100	380	5200	4900	5300
25	6400	---	4000	3800	---	5700	3900	2100	730	5100	5100	5200
26	6400	---	4300	3800	---	5800	3900	1900	620	5200	5000	5300
27	6500	---	4100	3700	---	5500	3900	2100	710	5000	5100	5200
28	6600	---	4100	3700	---	5700	3900	2200	780	5000	---	4900
29	6400	---	4200	3600	---	5600	3800	840	730	5200	---	5000
30	6500	---	4000	3900	---	---	3800	770	730	5100	---	4900
31	6400	---	---	3600	---	---	---	820	---	5100	---	---
MAX	11000	---	4300	7000	---	5800	7200	4100	910	6100	---	5600
MIN	3400	---	4000	2800	---	2500	2900	770	120	360	---	4900

MISSISSIPPI RIVER DELTA

07380250 BAYOU BARATARIA AT LAFITTE, LA (CE 82875)

LOCATION.--Lat 29° 40' 06", long 90° 06' 36", in lot 5, T.16 S., R.23 E., Jefferson Parish, Hydrologic Unit 08090301, 1.0 mi south of Lafitte.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1954, 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to current year.

CHLORIDE: October 1974 to current year

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 34.0°C July 23, 1981; minimum daily, 3.0°C Jan. 20, 1977.

CHLORIDE: Maximum daily, 10,000 mg/L Apr. 21, 1977; minimum daily, 60 mg/L June 9, 1980.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 32.0°C July 22-29, Aug. 26, 28, 29, Sept. 3; minimum daily, 8.0°C Jan. 20.

CHLORIDE: Maximum daily, 5,100 mg/L Oct. 31; minimum daily, 120 mg/L May 4, 6.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	23.0	---	14.0	13.0	11.0	17.0	24.0	---	28.0	29.0	31.0
2	24.0	23.0	---	12.0	13.0	13.0	17.0	24.0	---	29.0	29.0	31.0
3	25.0	20.0	---	11.0	12.0	15.0	15.0	24.0	---	29.0	27.0	32.0
4	27.0	18.0	---	10.0	---	17.0	17.0	23.0	29.0	---	28.0	31.0
5	27.0	18.0	---	12.0	11.0	17.0	19.0	23.0	28.0	30.0	28.0	31.0
6	27.0	17.0	---	12.0	10.0	18.0	20.0	24.0	26.0	30.0	28.0	28.0
7	27.0	16.0	---	12.0	10.0	18.0	20.0	25.0	28.0	30.0	31.0	26.0
8	27.0	15.0	---	13.0	10.0	18.0	20.0	24.0	27.0	31.0	31.0	27.0
9	---	16.0	---	14.0	12.0	17.0	19.0	24.0	27.0	30.0	31.0	27.0
10	27.0	16.0	---	15.0	13.0	16.0	19.0	24.0	27.0	30.0	31.0	27.0
11	27.0	17.0	---	14.0	12.0	12.0	20.0	24.0	28.0	30.0	29.0	26.0
12	26.0	17.0	---	12.0	12.0	13.0	22.0	24.0	28.0	30.0	29.0	26.0
13	25.0	17.0	---	---	12.0	12.0	22.0	24.0	28.0	30.0	29.0	26.0
14	24.0	16.0	---	---	12.0	15.0	21.0	25.0	28.0	30.0	29.0	---
15	23.0	16.0	---	---	13.0	15.0	19.0	25.0	28.0	30.0	28.0	26.0
16	21.0	16.0	---	---	14.0	16.0	18.0	24.0	28.0	30.0	29.0	27.0
17	21.0	15.0	---	---	13.0	16.0	19.0	24.0	29.0	30.0	29.0	27.0
18	21.0	17.0	---	---	14.0	16.0	19.0	25.0	28.0	30.0	29.0	27.0
19	21.0	12.0	12.0	---	15.0	16.0	18.0	---	28.0	30.0	30.0	27.0
20	19.0	---	---	8.0	15.0	16.0	19.0	26.0	28.0	30.0	30.0	27.0
21	19.0	---	---	---	---	16.0	19.0	26.0	27.0	30.0	31.0	26.0
22	19.0	---	---	9.0	16.0	14.0	19.0	26.0	27.0	32.0	31.0	23.0
23	19.0	16.0	15.0	---	16.0	---	19.0	25.0	27.0	32.0	31.0	22.0
24	19.0	---	---	---	16.0	---	20.0	25.0	28.0	32.0	31.0	22.0
25	19.0	---	19.0	10.0	16.0	13.0	20.0	26.0	28.0	32.0	31.0	23.0
26	18.0	---	---	---	14.0	14.0	20.0	26.0	28.0	32.0	32.0	23.0
27	18.0	---	---	---	12.0	15.0	20.0	27.0	28.0	32.0	31.0	23.0
28	19.0	---	19.0	---	11.0	15.0	21.0	---	28.0	32.0	32.0	23.0
29	22.0	---	17.0	12.0	---	15.0	22.0	29.0	27.0	32.0	32.0	23.0
30	23.0	---	15.0	13.0	---	15.0	23.0	30.0	27.0	29.0	31.0	23.0
31	23.0	---	14.0	13.0	---	15.0	---	30.0	---	29.0	31.0	---
MAX	27.0	---	---	---	16.0	18.0	23.0	30.0	29.0	32.0	32.0	32.0
MIN	18.0	---	---	---	10.0	11.0	15.0	23.0	26.0	28.0	27.0	22.0

MISSISSIPPI RIVER DELTA

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07380250 BAYOU BARATARIA AT LAFITTE, LA (CE 82875)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2500	3500	---	930	410	210	380	180	180	220	190	220
2	3100	2200	---	890	330	210	380	230	220	180	190	360
3	3700	2100	---	870	350	210	400	140	220	190	420	380
4	3500	2400	---	830	---	340	570	120	200	---	240	460
5	3700	2200	---	800	330	920	1000	180	200	180	260	380
6	3800	2100	---	820	570	1700	1800	120	170	180	270	870
7	3900	1800	---	700	320	1600	370	180	180	170	200	890
8	1900	2500	---	740	380	1100	190	180	150	180	170	780
9	---	3000	---	700	340	310	---	170	170	180	180	260
10	4100	2400	---	660	410	280	320	480	170	170	170	210
11	2000	2700	---	700	310	300	360	130	220	170	160	200
12	1400	2400	---	740	310	270	320	---	210	170	170	220
13	1500	3700	---	---	420	280	390	220	200	180	170	170
14	2400	3600	---	---	730	340	410	260	220	180	160	---
15	1400	4000	---	---	440	800	240	260	230	140	170	170
16	1500	4600	---	---	450	380	240	480	250	150	170	180
17	1500	4200	---	---	200	1400	---	230	220	---	180	180
18	1400	---	---	---	350	800	220	220	180	170	170	180
19	1200	---	1100	---	250	520	230	---	200	150	160	190
20	2600	---	---	---	300	360	180	1200	190	150	160	190
21	2400	---	---	---	---	370	260	1300	260	160	160	150
22	2900	---	---	---	290	560	240	240	230	160	170	140
23	3200	---	1100	---	250	---	180	510	250	170	150	210
24	3300	---	---	---	170	---	180	200	250	150	160	270
25	2400	---	1600	---	200	890	160	240	170	160	210	260
26	3000	---	---	---	300	380	160	340	220	140	180	280
27	2400	---	---	---	230	1200	190	360	280	150	1400	710
28	2600	---	2300	---	210	460	180	---	300	540	1400	760
29	3200	---	1100	---	---	380	200	200	230	490	480	850
30	3500	---	1100	---	---	380	200	190	220	480	---	710
31	5100	---	1000	---	---	380	---	210	---	350	220	---
MAX	5100	---	---	---	730	1700	1800	1300	300	540	1400	890
MIN	1200	---	---	---	170	210	160	120	150	140	150	140

MISSISSIPPI RIVER DELTA

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, Hydrologic Unit 08090301, on left bank 15 ft (46 m) upstream from end of culvert under State Highway 18, in Donaldsonville, and 1,600 ft downstream from pumping plant. Prior to Jan. 22, 1982, at site 40 ft upstream from culvert under State Highway 18 and 1,500 ft downstream from pumping plant.

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

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

REMARKS.--Records poor. Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Records of dissolved oxygen and water temperatures for the water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--26 years, 243 ft³/s, 176,100 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 642 ft³/s Apr. 13, 1980; no flow June 11, 14, 1959, Feb. 23, 24-27, 28, 1970, Mar. 3, Apr. 2, 3, May 14, 1971, Sept. 7-12, 1973, July 11, 1979.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	170	197	215	232	157	144	124	266	308	145	368	183
2	183	197	195	225	154	141	128	266	280	205	430	197
3	322	197	234	184	141	136	128	252	280	126	134	197
4	322	197	255	164	138	132	128	252	280	113	252	170
5	322	197	139	155	195	132	128	252	280	198	210	183
6	148	197	124	151	236	139	141	252	308	288	210	353
7	215	197	119	147	180	138	266	252	308	281	210	252
8	170	123	127	144	159	136	238	252	308	256	148	238
9	170	179	148	142	184	137	210	252	281	224	224	201
10	170	179	192	141	236	137	134	252	132	220	224	190
11	170	179	247	138	183	142	134	252	291	254	224	192
12	148	188	265	135	158	142	353	252	293	236	210	220
13	134	188	272	135	150	142	280	252	291	231	210	212
14	134	197	275	133	149	138	280	280	302	231	210	200
15	148	197	291	131	149	137	148	252	299	236	183	195
16	148	197	296	128	258	139	148	293	300	205	170	193
17	148	197	301	126	222	142	170	280	292	218	183	197
18	148	202	305	114	170	148	205	321	287	190	158	215
19	148	267	313	163	153	148	170	332	282	226	197	210
20	148	363	293	169	145	140	170	252	275	233	197	217
21	148	375	316	141	220	143	170	252	267	236	148	226
22	148	375	317	145	208	148	170	280	260	186	170	214
23	210	292	318	142	161	156	280	280	256	252	148	210
24	280	192	322	135	141	141	104	266	301	252	148	208
25	280	171	282	132	138	134	104	279	337	238	170	206
26	210	168	323	125	144	245	104	279	378	238	183	200
27	210	173	339	122	148	147	148	279	207	383	197	197
28	210	186	306	126	146	144	252	308	226	170	183	183
29	210	178	192	122	---	136	252	308	197	383	183	197
30	210	210	170	121	---	131	266	308	139	383	183	197
31	210	---	178	116	---	128	---	308	---	383	183	---
TOTAL	5992	6355	7669	4484	4823	4443	5533	8461	8245	7420	6248	6253
MEAN	193	212	247	145	172	143	184	273	275	239	202	208
MAX	322	375	339	232	258	245	353	332	378	383	430	353
MIN	134	123	119	114	138	128	104	252	132	113	134	170
AC-FT	11890	12610	15210	8890	9570	8810	10970	16780	16350	14720	12390	12400

CAL YR 1982 TOTAL 74690 MEAN 205 MAX 400 MIN 21 AC-FT 148100
WTR YR 1983 TOTAL 75926 MEAN 208 MAX 430 MIN 104 AC-FT 150600

NOTE: No gage-height record Oct. 1 to Nov. 18, Mar. 31 to May 17, May 19 to June 8, July 23 to Sept. 8, Sept. 26-30.

MISSISSIPPI RIVER DELTA

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07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	7.53	7.72	7.19	6.94	---	---	---	7.04	---	---
2	---	---	7.39	7.69	7.14	6.90	---	---	---	7.54	---	---
3	---	---	7.66	7.44	6.96	6.83	---	---	---	6.75	---	---
4	---	---	7.82	7.32	6.89	6.76	---	---	---	6.38	---	---
5	---	---	6.85	7.28	7.28	6.76	---	---	---	7.39	---	---
6	---	---	6.60	7.25	7.69	6.86	---	---	---	8.11	---	---
7	---	---	6.47	7.24	7.28	6.85	---	---	---	8.08	---	---
8	---	---	6.65	7.22	7.10	6.82	---	---	---	7.92	---	---
9	---	---	6.99	7.22	7.25	6.83	---	---	8.01	7.74	---	7.49
10	---	---	7.36	7.22	7.69	6.84	---	---	6.76	7.72	---	7.41
11	---	---	7.77	7.20	7.30	6.91	---	---	8.09	7.93	---	7.42
12	---	---	7.89	7.19	7.10	6.91	---	---	8.10	7.83	---	7.61
13	---	---	7.94	7.21	7.03	6.90	---	---	8.09	7.81	---	7.56
14	---	---	7.97	7.20	7.01	6.86	---	---	8.17	7.81	---	7.47
15	---	---	8.09	7.19	7.01	6.85	---	---	8.14	7.85	---	7.43
16	---	---	8.12	7.17	7.82	6.87	---	---	8.15	7.63	---	7.41
17	---	---	8.15	7.15	7.58	6.91	---	---	8.09	7.74	---	7.44
18	---	---	8.18	6.85	7.20	7.00	---	7.90	8.05	7.54	---	7.56
19	---	7.54	8.23	7.50	7.06	6.99	---	---	8.02	7.78	---	7.53
20	---	8.22	8.09	7.56	6.95	6.88	---	---	7.97	7.82	---	7.58
21	---	8.29	8.26	7.19	7.54	6.92	---	---	7.91	7.83	---	7.64
22	---	8.30	8.26	7.31	7.48	6.99	---	---	7.86	7.56	---	7.55
23	---	7.88	8.27	7.26	7.12	7.04	---	---	7.83	---	---	7.52
24	---	7.28	8.30	7.16	6.89	6.89	---	---	8.14	---	---	7.50
25	---	7.21	8.01	7.10	6.86	6.77	---	---	8.39	---	---	7.48
26	---	7.18	8.31	6.93	6.93	7.71	---	---	8.67	---	---	---
27	---	7.22	8.41	6.83	6.99	6.95	---	---	7.47	---	---	---
28	---	7.32	8.18	6.89	6.97	6.89	---	---	7.63	---	---	---
29	---	7.26	7.41	6.75	---	6.82	---	---	7.45	---	---	---
30	---	7.50	7.27	6.70	---	6.74	---	---	6.94	---	---	---
31	---	---	7.34	6.51	---	---	---	---	---	---	---	---
MAX	---	8.30	8.41	7.72	7.82	7.71	---	---	8.67	---	---	---
MIN	---	---	6.47	6.51	6.86	6.74	---	---	---	---	---	---

MISSISSIPPI RIVER DELTA

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, Hydrologic Unit 08090301, on downstream side of left pier of drawspan of bridge on State Highway 20 at Thibodaux, and 2.7 mi upstream from Laurel Valley Canal.

PERIOD OF RECORD.--April 1966 to current year (elevations only). Unpublished records, May 1954 to July 1957, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Artificial control located about 1,000 ft downstream since Nov. 5, 1968.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.64 ft Apr. 17, 1973; minimum, 0.82 ft Dec. 2, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 7.17 ft Apr. 22; minimum, 4.92 ft Dec. 9.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.34	5.06	5.31	6.23	---	---	5.18	5.33	5.38	5.25	5.51	5.16
2	5.37	5.03	5.24	5.91	---	---	5.18	5.28	5.37	5.36	5.64	5.17
3	5.53	5.11	5.16	5.58	---	---	5.09	5.30	5.36	5.32	5.57	5.17
4	5.56	5.11	6.91	5.41	---	5.11	5.06	5.29	5.32	5.15	5.54	5.19
5	5.57	5.05	5.95	5.35	---	5.15	5.11	5.28	5.34	5.03	5.39	5.22
6	5.47	5.05	5.38	5.32	---	5.13	5.13	5.28	5.43	5.16	5.39	5.29
7	5.37	5.07	5.08	5.33	---	5.14	6.80	5.29	5.46	5.32	5.37	5.70
8	5.74	5.06	4.95	5.35	---	5.13	5.99	5.32	5.37	5.35	5.46	5.46
9	5.52	5.04	4.94	5.38	---	5.11	5.53	5.28	5.34	5.36	5.33	5.29
10	5.39	5.04	4.98	5.39	---	5.11	5.47	5.28	5.30	5.33	5.35	5.21
11	5.29	5.03	5.26	5.36	---	5.11	5.44	5.29	5.19	5.32	5.26	5.19
12	5.18	5.08	5.39	5.35	---	5.14	5.46	5.29	5.33	5.34	5.21	5.64
13	5.29	5.07	5.30	5.34	---	5.15	5.28	5.28	5.37	5.32	5.40	5.41
14	5.22	5.08	5.29	5.36	---	5.15	6.13	5.30	5.37	5.33	5.41	5.27
15	5.17	5.11	5.40	5.38	---	5.14	5.71	5.32	5.39	5.32	5.31	5.20
16	5.16	5.08	5.35	5.38	---	5.14	5.44	5.50	5.39	5.29	5.22	5.18
17	5.17	5.10	5.34	5.37	---	5.17	5.34	5.40	5.38	5.26	5.22	5.21
18	5.14	5.16	5.35	5.36	---	5.16	5.30	5.36	5.41	5.31	5.27	5.23
19	5.11	5.18	5.38	5.27	---	5.17	5.25	5.35	5.42	5.25	5.24	5.38
20	5.12	5.35	5.37	5.81	---	5.24	5.27	5.35	5.41	5.28	5.28	5.48
21	5.11	5.40	5.33	5.55	---	5.17	5.24	5.51	5.40	5.29	5.22	5.38
22	5.08	5.39	5.37	5.41	---	5.14	5.28	5.49	5.37	5.31	5.16	5.29
23	5.05	5.38	5.36	---	---	5.13	6.75	5.50	5.40	5.26	5.15	5.25
24	5.21	5.28	5.33	---	---	5.36	5.94	5.44	5.38	5.25	5.15	5.24
25	5.25	5.10	5.38	---	---	5.21	5.21	5.41	5.43	5.25	5.11	5.26
26	5.16	5.06	5.43	---	---	5.16	5.11	5.40	5.60	5.24	5.16	5.26
27	5.04	5.08	5.46	---	---	5.89	5.13	5.38	6.05	5.30	5.18	5.22
28	4.99	5.38	5.54	---	---	5.51	5.27	5.38	5.84	5.42	5.18	5.20
29	5.00	5.21	5.47	---	---	5.26	5.31	5.38	5.93	5.41	5.16	5.21
30	5.01	5.13	5.33	---	---	5.36	5.32	5.39	5.48	5.47	5.16	5.22
31	5.07	---	5.29	---	---	5.34	---	5.38	---	5.49	5.16	---
MAX	5.74	5.40	6.91	6.23	---	5.89	6.80	5.51	6.05	5.49	5.64	5.70
MIN	4.99	5.03	4.94	---	---	---	5.06	5.28	5.19	5.03	5.11	5.16

NOTE: No gage-height record Jan. 23 to Mar. 3.

07381350 COMPANY CANAL AT LOCKPORT, LA

LOCATION.--Lat 29°38'42", long 90°32'41", in SW1/4 sec.18, T.16 S., R.19 E., Lafourche Parish, Hydrologic Unit 08090302, at center of bridge on State Highway 1 at Lockport.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1956, 1979 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1979 to current year.

WATER TEMPERATURES: December 1980 to Current year.

INSTRUMENTATION.--Specific conductance recorder from July 25, 1979 to Dec. 15, 1980. Mini-monitor installed December 16, 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 1,780 micromhos Apr. 24, 1981; minimum, 120 micromhos Apr. 26, 1982.

WATER TEMPERATURES: Maximum, 34.5°C July 19, 1981; minimum, 4.5°C, Jan. 15, 1982.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 710 micromhos Mar. 6; minimum, 148 micromhos June 29.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	360	340	---	---	510	440	---	---	---	---	300	290
2	360	350	---	---	480	420	---	---	291	211	300	290
3	360	350	---	---	450	340	---	---	293	273	300	290
4	370	350	---	---	360	320	---	---	294	254	300	290
5	370	360	---	---	370	220	---	---	305	245	320	300
6	380	360	---	---	---	---	---	---	317	257	710	300
7	370	360	---	---	410	300	---	---	288	258	590	400
8	390	380	---	---	370	320	---	---	309	259	500	420
9	400	380	---	---	340	300	---	---	341	261	420	280
10	400	390	---	---	340	300	---	---	342	272	310	290
11	400	390	450	430	398	288	---	---	323	273	310	290
12	400	380	570	440	345	285	---	---	335	275	310	290
13	400	380	490	440	313	283	---	---	316	266	330	300
14	390	380	510	460	310	250	---	---	277	267	360	290
15	400	380	520	460	339	269	---	---	369	269	370	300
16	400	390	530	450	287	267	---	---	310	270	320	270
17	---	---	510	460	306	266	---	---	400	280	300	270
18	---	---	530	480	354	264	---	---	350	270	310	290
19	---	---	---	---	273	263	---	---	320	260	300	270
20	---	---	560	420	341	261	430	260	320	270	300	270
21	---	---	460	410	280	260	290	250	330	310	310	290
22	---	---	450	420	339	259	330	250	400	280	310	300
23	---	---	450	440	297	267	260	250	300	280	340	300
24	---	---	460	440	276	256	340	250	400	280	500	300
25	---	---	460	440	274	254	290	260	300	290	320	300
26	---	---	450	440	263	253	290	250	340	290	340	310
27	---	---	450	430	301	251	390	270	330	310	390	310
28	---	---	490	420	350	270	280	260	320	290	310	300
29	---	---	480	440	360	280	---	---	---	---	320	300
30	---	---	500	480	290	280	---	---	---	---	400	280
31	---	---	---	---	---	---	---	---	---	---	340	310
MONTH	---	---	---	---	510	250	---	---	400	211	710	270

07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	340	310	240	210	300	280	317	237	440	390	470	390
2	330	310	240	230	300	280	297	227	400	370	460	440
3	320	300	300	230	310	280	247	227	430	380	480	420
4	330	290	240	220	300	280	236	226	430	400	480	460
5	330	290	230	210	290	280	286	226	420	400	480	450
6	320	290	240	220	360	240	246	226	430	380	480	340
7	330	230	250	230	360	290	235	215	400	310	450	340
8	360	240	310	240	299	279	245	225	320	280	400	360
9	310	260	320	240	307	277	265	235	300	290	390	350
10	330	250	280	240	306	276	295	235	310	290	370	340
11	300	250	320	240	314	274	314	244	350	270	370	320
12	300	260	320	250	303	273	344	254	330	230	360	330
13	310	260	330	280	311	261	344	294	260	240	380	350
14	280	200	340	320	300	270	353	333	270	250	400	290
15	250	210	340	280	269	259	353	323	340	240	390	330
16	260	230	360	280	267	257	333	283	350	260	400	350
17	300	240	380	310	276	266	353	263	360	270	380	310
18	260	230	370	320	274	254	302	272	280	200	350	250
19	280	230	370	280	323	253	262	242	240	190	350	250
20	270	230	350	290	281	261	262	242	310	200	410	260
21	330	240	350	340	270	260	361	251	280	210	350	280
22	330	320	350	320	280	260	381	281	240	220	300	270
23	290	230	320	290	279	259	361	261	360	220	370	270
24	260	220	290	270	269	259	271	251	330	250	410	350
25	270	200	280	270	359	259	270	250	330	230	420	390
26	210	190	290	270	279	259	270	260	330	230	410	350
27	280	200	290	280	288	238	270	260	410	320	380	360
28	220	210	300	280	288	168	410	260	370	330	390	380
29	210	200	290	280	218	148	430	400	350	280	420	390
30	220	190	300	280	267	217	440	400	290	280	440	410
31	---	---	300	280	---	---	440	430	470	280	---	---
MONTH	360	190	380	210	360	148	440	215	470	190	480	250

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.0	24.5	---	---	20.5	19.5	---	---	---	---	15.0	10.5
2	25.5	25.0	---	---	22.0	20.0	---	---	15.5	13.5	17.0	14.0
3	25.5	24.5	---	---	23.0	22.0	---	---	13.0	11.5	19.5	16.5
4	26.0	25.0	---	---	22.0	20.0	---	---	11.5	11.0	19.0	18.0
5	26.5	25.5	---	---	---	---	---	---	12.5	11.0	20.0	19.0
6	26.5	26.0	---	---	---	---	---	---	13.0	12.0	20.5	19.0
7	26.5	26.0	---	---	---	---	---	---	12.0	11.0	21.5	19.0
8	27.5	26.0	---	---	---	---	---	---	12.0	10.5	22.0	20.0
9	27.5	27.5	---	---	---	---	---	---	14.0	12.0	20.5	18.5
10	28.0	26.5	18.5	17.0	---	---	---	---	15.0	13.0	18.5	15.0
11	28.0	26.0	---	---	---	---	---	---	14.5	13.5	15.0	12.0
12	26.5	24.5	20.5	19.0	---	---	---	---	14.0	12.5	14.5	12.0
13	25.0	22.5	---	---	---	---	---	---	13.0	11.5	17.0	13.5
14	23.5	21.5	17.0	16.0	---	---	---	---	14.0	12.0	18.5	16.0
15	23.0	20.5	16.5	15.0	---	---	---	---	14.0	12.5	18.5	17.5
16	22.5	21.0	16.5	14.5	---	---	---	---	13.5	13.5	17.5	17.0
17	---	---	17.0	15.5	---	---	---	---	14.0	13.0	17.5	16.5
18	---	---	17.5	16.5	---	---	---	---	15.5	14.0	19.0	16.5
19	---	---	20.0	17.0	---	---	9.5	9.0	16.0	14.0	19.5	17.5
20	---	---	20.0	19.0	---	---	9.0	8.0	16.5	15.0	20.5	18.5
21	---	---	20.5	19.5	---	---	8.0	7.0	17.5	16.0	19.5	15.5
22	---	---	21.5	20.0	---	---	9.0	7.0	17.0	16.0	16.5	14.5
23	---	---	21.5	20.5	---	---	9.0	7.5	16.5	16.0	17.0	15.5
24	---	---	21.5	18.5	---	---	10.5	8.5	18.0	16.0	15.5	14.5
25	---	---	---	---	---	---	11.0	9.5	18.0	17.0	17.0	14.0
26	---	---	---	---	20.0	19.0	12.0	11.0	17.0	14.5	16.5	15.5
27	---	---	19.5	19.0	21.0	19.5	12.0	11.5	14.5	13.0	19.0	16.5
28	---	---	20.0	19.5	20.0	19.0	12.0	11.0	13.0	10.0	20.0	17.0
29	---	---	19.5	19.0	19.0	17.0	---	---	---	---	19.5	17.5
30	---	---	19.5	19.0	17.0	14.5	---	---	---	---	18.0	16.0
31	---	---	---	---	---	---	---	---	---	---	18.5	15.5
MONTH	---	---	---	---	---	---	---	---	18.0	10.0	22.0	10.5

MISSISSIPPI RIVER DELTA

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07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST	
1	19.5	17.0	26.0	24.0	29.0	27.5	30.5	28.5	30.0	28.5
2	19.0	16.5	26.5	24.5	30.0	27.5	31.0	28.5	28.5	27.5
3	18.5	16.0	25.5	24.0	30.0	28.0	32.0	29.5	30.5	27.5
4	19.0	17.0	24.5	23.5	30.0	28.5	32.0	30.5	30.0	28.5
5	22.0	19.0	24.5	22.5	29.5	28.0	33.0	30.5	30.5	28.5
6	22.5	21.0	26.0	23.0	28.0	25.0	---	---	31.0	28.5
7	22.0	21.0	25.0	23.5	27.0	25.5	33.0	30.5	31.0	30.0
8	21.0	20.5	26.0	24.0	28.5	26.0	32.0	30.0	31.0	29.0
9	21.0	19.5	26.0	24.0	27.5	26.5	30.5	29.5	30.0	29.0
10	21.0	19.5	25.5	24.5	29.5	26.5	31.0	29.5	31.0	28.5
11	22.0	20.0	26.0	24.0	30.0	27.5	31.0	29.0	30.5	28.5
12	23.0	21.5	26.5	24.5	29.5	27.0	31.5	29.0	29.0	26.5
13	22.5	21.5	27.5	25.0	28.5	27.5	31.5	29.5	28.0	26.0
14	22.0	20.5	27.5	25.5	29.0	27.5	31.5	29.5	29.5	27.5
15	20.5	19.0	27.0	26.0	29.5	27.5	32.0	30.0	30.5	28.5
16	19.5	18.0	26.5	25.0	30.5	27.5	32.0	30.5	30.0	28.5
17	20.0	18.0	26.5	24.5	30.5	28.5	---	---	30.0	28.5
18	20.5	19.0	26.0	25.0	29.5	28.0	31.5	30.0	29.0	26.0
19	21.0	19.0	27.0	25.5	28.0	27.0	31.5	30.5	29.5	28.5
20	20.5	18.5	27.5	26.0	28.5	27.0	31.5	30.0	30.5	29.0
21	22.0	19.0	27.0	26.0	27.5	27.0	32.0	30.0	31.5	29.0
22	20.5	20.5	27.0	26.5	28.0	27.0	33.0	30.0	33.0	30.5
23	21.5	19.5	28.5	26.0	29.0	27.5	33.5	31.0	32.0	30.0
24	22.0	20.0	28.5	27.0	28.5	27.5	34.0	31.0	32.5	30.0
25	22.5	20.0	28.5	27.0	29.5	27.5	33.5	31.5	31.5	29.5
26	22.5	20.5	28.5	27.0	29.5	27.5	34.0	31.5	---	---
27	23.0	21.5	29.0	27.0	29.0	26.5	32.5	31.0	---	---
28	24.5	22.0	30.5	27.5	---	---	32.0	31.0	---	---
29	25.5	23.0	30.5	28.5	---	---	31.5	30.5	---	---
30	25.5	23.5	30.0	28.0	30.0	27.0	31.5	29.5	---	---
31	---	---	30.5	28.0	---	---	30.5	30.0	---	---
MONTH	25.5	16.0	30.5	22.5	30.5	25.0	34.0	28.5	---	---

MISSISSIPPI RIVER DELTA

07381200 BAYOU LAFOURCHE AT VALENTINE, LA

LOCATION.--Lat 29°35'35", long 90°28'05", on line between lots 96 and 98, T.17 S., R.20 E., Lafourche Parish, Hydrologic Unit 08090301, on upstream side of bridge on State Highway 308, at Valentine, 5.2 mi upstream from Intracoastal Waterway, and 5.7 mi south of Lockport.

PERIOD OF RECORD.--April 1966 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1968, at datum 2.98 ft lower.

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Elevation affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.50 ft Apr. 13, 1980; minimum, -0.18 ft Feb. 9, 1968 (present datum).

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 3.41 ft Dec. 4; minimum recorded, 1.00 ft Mar. 13.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.94	2.12	2.26	2.67	2.44	1.65	2.03	2.24	2.17	2.70	2.02	---
2	2.11	2.15	2.30	2.70	2.53	1.59	2.13	2.32	2.09	2.51	2.24	---
3	2.32	2.22	2.51	2.52	2.36	1.44	1.89	2.44	2.13	2.41	2.18	---
4	2.27	2.14	3.28	2.21	2.01	1.89	1.82	2.24	2.26	2.32	2.29	---
5	2.24	1.49	3.19	2.00	1.81	2.36	2.06	2.02	2.21	2.27	2.17	---
6	2.30	1.36	2.96	1.92	2.24	2.44	2.37	1.99	2.25	2.16	2.11	---
7	2.40	1.30	2.75	1.96	1.99	2.43	2.79	2.14	2.52	2.08	1.96	---
8	2.44	1.18	2.44	1.97	1.75	2.33	2.88	2.30	2.28	2.03	1.90	---
9	2.41	1.30	2.29	2.14	1.72	2.13	2.72	2.26	2.13	2.06	---	---
10	2.33	1.43	2.11	2.17	2.13	1.84	2.36	2.23	2.04	2.10	---	---
11	2.20	1.54	2.29	2.04	1.98	1.49	2.05	2.21	2.08	2.12	---	---
12	2.09	1.93	2.42	2.15	1.87	1.16	1.90	2.30	2.17	2.11	---	---
13	2.24	1.77	1.98	1.69	1.71	1.17	2.15	2.34	2.44	2.18	---	---
14	1.89	1.61	1.94	1.65	1.59	1.28	2.67	2.46	2.36	2.23	---	---
15	1.62	1.76	2.16	1.62	1.64	1.64	2.57	2.50	2.34	2.19	---	---
16	1.68	1.61	2.24	1.52	2.03	1.79	2.28	2.71	2.27	2.05	---	---
17	1.52	1.65	2.02	1.51	1.88	2.05	1.95	2.57	2.25	2.08	---	---
18	1.59	1.84	1.88	1.63	1.77	1.79	1.89	2.52	2.25	2.08	---	---
19	1.68	1.91	1.93	1.68	1.71	1.72	1.85	2.68	2.26	1.95	---	---
20	1.73	2.05	1.76	2.13	1.90	1.82	2.00	2.70	2.32	1.77	---	---
21	1.75	2.07	1.76	2.09	2.06	1.57	2.09	2.75	2.30	1.61	---	---
22	1.54	1.97	1.77	2.13	2.30	1.31	2.19	2.82	2.35	1.63	---	---
23	1.44	1.93	1.95	2.04	2.11	1.47	2.59	2.77	2.36	1.68	---	---
24	1.36	1.99	2.22	1.89	2.03	1.95	2.41	2.55	2.39	1.64	---	1.68
25	1.38	1.48	2.44	1.94	2.02	1.79	2.07	2.41	2.42	1.55	---	1.72
26	1.33	1.57	2.59	1.99	2.00	2.02	1.85	2.25	2.49	1.52	---	1.87
27	1.34	1.97	2.69	2.08	2.16	2.34	1.96	2.19	2.61	1.31	---	1.92
28	1.39	2.33	2.77	1.93	2.02	2.10	2.06	2.15	2.72	1.28	---	1.97
29	1.63	2.21	2.67	1.98	---	1.91	2.13	2.06	2.87	1.46	---	1.95
30	2.02	2.17	2.50	2.04	---	1.97	2.17	2.11	2.84	1.65	---	1.88
31	2.11	---	2.40	2.02	---	2.05	---	2.12	---	1.77	---	---
MAX	2.44	2.33	3.28	2.70	2.53	2.44	2.88	2.82	2.87	2.70	---	---
MIN	1.33	1.18	1.76	1.51	1.59	1.16	1.82	1.99	2.04	1.28	---	---

NOTE: No gage-height record Aug. 9 to Sept. 23.

MISSISSIPPI RIVER DELTA

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07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)

LOCATION.--Lat 29°34'20", long 90°23'02", T.17 S., R.20 E., Lafourche Parish, Hydrologic Unit 08090301, at intersection with Intracoastal Waterway and at mile 35.3 (WHL).

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to September 1979, October 1980 to current year.

CHLORIDE: October 1974 to current year.

REMARKS.--Flow direction is dependent upon tide and upon wind velocity.

COOPERATION.--Samples are collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 32.5°C July 28, 29, 1977; minimum daily, 6.0°C Jan. 19, 20, 1977, Jan. 20-23, 1978.

CHLORIDE: Maximum daily, 6,700 mg/L Oct. 25, 1976; minimum daily, 16 mg/L May 7, 1983.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 31.0°C July 25-31, Aug. 25-31, Sept. 1-4.; minimum daily, 10.0°C Jan. 20-26.

CHLORIDE: Maximum daily, 6,500 mg/L Nov. 2; minimum daily, 16 mg/L May 7.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	23.0	20.0	---	15.0	13.0	16.0	22.0	26.0	28.0	30.0	31.0
2	25.0	23.0	21.0	---	14.0	14.0	16.0	23.0	26.0	28.0	29.0	31.0
3	25.0	23.0	21.0	---	14.0	15.0	17.0	24.0	27.0	28.0	29.0	31.0
4	25.0	21.0	21.0	---	13.0	17.0	17.0	24.0	27.0	28.0	29.0	31.0
5	25.0	20.0	22.0	12.0	13.0	17.0	18.0	23.0	27.0	29.0	29.0	30.0
6	25.0	20.0	22.0	12.0	12.0	13.0	20.0	23.0	27.0	29.0	29.0	30.0
7	25.0	23.0	22.0	12.0	12.0	18.0	21.0	23.0	26.0	30.0	29.0	29.0
8	25.0	19.0	21.0	---	11.0	14.0	21.0	23.0	26.0	30.0	29.0	29.0
9	25.0	16.0	19.0	14.0	13.0	19.0	21.0	23.0	26.0	30.0	29.0	29.0
10	---	18.0	19.0	14.0	13.0	17.0	20.0	23.0	26.0	30.0	29.0	29.0
11	25.0	19.0	19.0	14.0	13.0	15.0	20.0	24.0	26.0	30.0	29.0	29.0
12	25.0	20.0	---	---	13.0	15.0	20.0	24.0	26.0	30.0	29.0	28.0
13	27.0	19.0	---	---	13.0	16.0	21.0	24.0	26.0	30.0	29.0	28.0
14	24.0	18.0	14.0	---	13.0	16.0	21.0	24.0	27.0	30.0	29.0	28.0
15	24.0	17.0	14.0	---	13.0	17.0	20.0	24.0	27.0	30.0	29.0	28.0
16	---	16.0	---	---	14.0	17.0	20.0	24.0	27.0	30.0	29.0	28.0
17	---	17.0	---	---	14.0	17.0	20.0	25.0	27.0	30.0	29.0	28.0
18	23.0	18.0	13.0	---	14.0	16.0	20.0	25.0	27.0	30.0	29.0	28.0
19	23.0	---	14.0	11.0	14.0	16.0	19.0	25.0	27.0	30.0	29.0	28.0
20	23.0	18.0	13.0	10.0	14.0	16.0	19.0	26.0	27.0	30.0	29.0	29.0
21	22.0	19.0	13.0	10.0	15.0	16.0	19.0	26.0	27.0	30.0	30.0	29.0
22	22.0	20.0	14.0	10.0	16.0	16.0	20.0	26.0	27.0	30.0	30.0	24.0
23	22.0	20.0	---	10.0	16.0	16.0	20.0	26.0	27.0	30.0	---	23.0
24	19.0	21.0	---	10.0	16.0	15.0	20.0	26.0	27.0	30.0	30.0	23.0
25	19.0	21.0	---	10.0	16.0	15.0	20.0	26.0	27.0	31.0	31.0	25.0
26	---	21.0	---	10.0	16.0	15.0	20.0	26.0	27.0	31.0	31.0	---
27	19.0	20.0	---	11.0	14.0	16.0	21.0	26.0	27.0	31.0	31.0	25.0
28	19.0	20.0	---	11.0	13.0	16.0	21.0	26.0	28.0	31.0	31.0	25.0
29	20.0	20.0	---	11.0	---	16.0	22.0	26.0	28.0	31.0	31.0	24.0
30	21.0	20.0	---	12.0	---	16.0	22.0	26.0	28.0	31.0	31.0	24.0
31	---	---	17.0	13.0	---	16.0	---	27.0	---	31.0	31.0	---
MAX	27.0	23.0	---	---	16.0	19.0	22.0	27.0	28.0	31.0	31.0	31.0
MIN	19.0	16.0	---	---	11.0	13.0	16.0	22.0	26.0	28.0	29.0	23.0

MISSISSIPPI RIVER DELTA

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1500	4100	390	---	28	29	36	26	24	21	31	34
2	1300	6500	480	---	43	30	36	24	26	24	34	45
3	5600	5100	510	---	38	28	52	26	28	22	34	46
4	5600	2000	3000	---	30	30	50	28	23	22	33	44
5	5600	2000	3000	48	46	30	36	20	24	24	34	46
6	5200	1300	260	49	60	30	64	24	22	28	39	43
7	3200	1400	220	39	50	28	60	16	22	25	34	42
8	5300	460	70	---	34	29	72	22	21	23	36	44
9	1400	1000	81	32	36	220	69	24	22	26	34	53
10	---	1000	160	32	28	130	38	24	22	30	35	50
11	960	1200	140	34	47	66	36	26	31	25	35	62
12	740	5400	---	---	42	68	36	23	25	30	36	64
13	710	2900	---	---	36	39	32	22	22	30	34	60
14	650	2800	76	---	36	37	34	24	24	26	31	80
15	850	420	74	---	35	46	40	24	23	26	30	79
16	---	650	---	---	34	62	38	42	23	24	24	73
17	---	3100	---	---	43	38	30	26	26	27	33	70
18	260	4300	90	---	36	36	28	24	26	24	28	74
19	420	4200	62	26	32	34	28	27	26	25	28	76
20	730	760	48	34	30	34	32	28	24	25	22	72
21	460	1200	48	36	28	32	42	42	31	28	25	58
22	440	320	44	35	190	34	40	28	24	24	23	66
23	400	360	---	28	32	36	35	48	22	32	---	55
24	1400	300	---	26	34	40	28	24	23	34	29	58
25	1400	340	---	28	28	46	26	25	26	36	37	46
26	---	600	---	29	26	44	26	26	23	45	30	200
27	250	660	---	33	34	30	26	30	22	38	38	200
28	510	430	---	35	38	30	24	26	25	36	40	200
29	870	420	---	27	---	32	26	25	24	40	36	220
30	4600	350	---	33	---	30	28	30	20	40	46	320
31	---	---	32	26	---	37	---	26	---	30	28	---
MAX	5600	6500	---	---	190	220	72	48	31	45	46	320
MIN	250	300	---	---	26	28	24	16	20	21	22	34

MISSISSIPPI RIVER DELTA

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292245090123200 BAYOU LAFOURCHE AT GALLIANO, LA (CE 82300)

LOCATION.--Lat 29°22'45", long 90°12'32", T.19 S., R.9 E., Lafourche Parish, Hydrologic Unit 08090301, at Galliano.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to September 1978, October 1980 to current year.

CHLORIDE: October 1974 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 33.0°C July 7, 1977; minimum daily, 6.0°C Jan. 18, Feb. 1, 2, 1977.

CHLORIDE: Maximum daily, 12,000 mg/L Mar. 30, 1977, Jan. 26, 1981; minimum daily, 10 mg/L Apr. 15, 21, 1980.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 30.0°C July 19, 20, 22, 24; minimum daily, 9.0°C Jan. 16, 19, 21.

CHLORIDE: Maximum daily, 8,500 mg/L Oct. 23, 28, 29, 31; minimum daily, 19 mg/L May 6.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.5	21.0	20.5	10.5	10.5	10.5	11.0	20.0	20.5	21.0	21.0	20.0
2	20.5	21.0	20.5	10.5	10.5	10.5	10.5	20.0	20.5	21.0	21.0	20.0
3	20.5	21.0	20.5	10.0	10.0	10.5	10.5	20.0	20.5	21.0	21.0	20.0
4	20.5	21.0	20.0	10.0	10.0	11.0	10.5	20.0	20.5	20.5	21.0	20.0
5	20.5	21.0	20.0	10.0	10.0	11.0	20.0	20.0	20.5	21.0	21.0	20.0
6	20.5	21.0	11.0	10.0	10.0	10.5	20.0	20.0	20.5	21.0	21.0	20.0
7	20.5	21.0	11.0	10.5	10.0	10.5	10.5	20.0	20.5	21.0	21.0	20.0
8	20.5	21.0	11.0	10.5	10.0	11.0	11.0	20.0	20.5	20.0	21.0	20.0
9	21.0	21.0	11.0	10.5	10.0	10.5	11.0	20.0	20.5	21.0	21.0	20.0
10	21.0	21.0	10.5	10.5	10.0	10.5	20.0	20.0	20.5	21.0	20.5	20.0
11	21.0	21.0	10.5	10.5	10.0	10.5	20.0	20.0	20.5	20.5	20.5	20.0
12	21.0	21.0	10.5	10.5	10.0	10.5	20.0	20.5	20.5	21.0	20.5	20.0
13	20.0	20.0	10.5	10.0	10.0	10.5	20.0	20.5	20.5	20.5	20.5	20.0
14	20.0	20.0	10.5	10.5	10.5	10.5	11.0	20.5	20.5	21.0	20.5	20.0
15	20.0	20.0	11.0	10.5	10.5	10.5	10.5	20.5	20.5	21.0	20.5	20.0
16	20.0	20.0	11.0	9.0	10.5	10.5	11.0	20.5	20.5	20.5	20.5	20.0
17	20.0	20.0	11.0	10.0	10.5	10.5	11.0	20.5	20.5	20.5	20.5	20.0
18	20.0	11.0	11.0	10.0	10.5	11.0	11.0	20.5	20.5	21.0	21.0	20.0
19	20.0	11.0	11.0	9.0	10.0	11.0	11.0	20.5	20.5	30.0	21.0	20.0
20	20.0	20.0	20.0	10.0	10.0	11.0	20.0	20.5	20.5	30.0	21.0	20.0
21	20.0	11.0	20.0	9.0	10.0	10.5	11.0	20.5	20.5	21.0	21.0	20.0
22	20.0	20.0	20.0	10.0	10.5	10.5	20.0	20.5	20.5	30.0	21.0	20.0
23	20.0	11.0	20.0	10.0	10.5	10.5	20.0	20.5	20.5	---	21.0	20.5
24	20.0	20.0	20.0	10.0	10.5	10.5	20.0	20.5	20.5	30.0	21.0	20.5
25	20.0	20.0	20.0	10.0	10.5	10.0	11.0	20.5	20.5	21.0	21.0	20.0
26	21.0	20.0	20.0	10.0	10.0	10.5	11.0	20.5	20.5	21.0	20.5	20.0
27	20.0	11.0	20.0	10.0	10.0	10.5	20.0	20.5	20.5	21.0	20.5	20.0
28	21.0	11.0	10.5	10.0	10.0	10.5	20.0	20.5	20.5	21.0	20.5	20.0
29	21.0	11.0	10.5	10.5	---	11.0	20.0	20.5	20.5	21.0	20.5	20.5
30	21.0	20.0	10.5	10.5	---	10.5	20.0	20.5	20.5	21.0	21.0	20.5
31	21.0	---	10.5	10.5	---	10.5	---	20.5	---	21.0	21.0	---
MAX	21.0	21.0	20.5	10.5	10.5	11.0	20.0	20.5	20.5	30.0	21.0	20.5
MIN	20.0	11.0	10.5	9.0	10.0	10.0	10.5	20.0	20.5	20.0	20.5	20.0

MISSISSIPPI RIVER DELTA

292245090123200 BAYOU LAFOURCHE AT GALLIANO, LA (CE 82300)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7200	4400	6400	79	850	42	34	46	24	24	36	120
2	7200	4100	6400	93	810	40	32	40	24	26	35	120
3	6200	4500	6300	40	120	48	37	25	24	26	34	110
4	6200	4500	3800	42	50	1600	34	24	20	23	36	120
5	6300	4300	3900	65	47	1600	1400	25	24	24	40	120
6	6000	4500	170	50	40	1600	1500	19	24	23	28	120
7	6000	2900	160	43	26	1600	31	48	22	26	35	120
8	6000	3000	190	57	40	240	44	44	24	24	37	120
9	1400	4000	260	37	36	80	59	40	24	24	40	120
10	1400	4100	200	48	37	90	32	44	24	22	30	120
11	1400	4100	120	41	48	5400	46	47	20	24	34	110
12	900	2900	82	37	40	5500	34	240	22	24	32	120
13	980	5000	87	42	37	5400	36	250	24	22	34	120
14	800	5000	81	41	56	5500	40	68	25	25	32	120
15	1700	5300	71	67	56	5400	34	70	26	24	25	120
16	1700	5200	40	2000	52	5400	34	66	24	24	24	110
17	1700	8400	69	2000	53	5500	38	160	26	22	24	120
18	1800	8300	61	2100	190	4400	30	160	25	24	22	110
19	1900	8200	68	2200	180	4300	34	160	25	28	23	120
20	7800	1500	3100	2100	180	4300	260	160	24	25	32	110
21	8200	1600	3100	2100	180	510	270	150	140	26	33	1700
22	7700	1500	3300	59	38	500	260	40	140	25	32	170
23	8500	1500	3100	62	34	500	270	27	30	26	34	110
24	7900	1500	3400	82	28	480	30	34	25	26	62	110
25	8000	3800	3200	33	32	470	28	28	31	39	82	130
26	7400	3500	3400	31	400	880	28	28	26	36	120	120
27	8200	4900	3700	35	360	850	30	30	26	35	120	1800
28	8500	4600	530	25	430	820	31	25	25	35	120	110
29	8500	4600	420	39	---	160	34	27	22	37	120	1900
30	8300	3100	---	39	---	120	34	25	26	34	120	1300
31	8500	---	490	32	---	140	---	26	---	34	120	---
MAX	8500	8400	6400	2200	850	5500	1500	250	140	39	120	1900
MIN	800	1500	40	25	26	40	28	19	20	22	22	110

MISSISSIPPI RIVER DELTA

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293313090360500 BAYOU TERREBONNE AT BOURG, LA (CE 76403)

LOCATION.--Lat 29°33'13", long 90°36'05", T.17 S., R.18 E., Terrebonne Parish, Hydrologic Unit 08090302, 0.2 mi downstream of Company Canal, at Bourg.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to November 1978, March 1980 to current year.

CHLORIDE-SURFACE: October 1974 to November 1978, November 1979 to current year.

CHLORIDE-10 FT DEPTH: October 1975 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Samples are collected at the water surface and at a 10-ft depth.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 32.0°C July 4, 5, 1978, July 23, 1981; minimum daily, 3.0°C Jan. 15, 1978.

CHLORIDE-SURFACE: Maximum observed, 7,500 mg/L Mar. 30, 1977; minimum daily, 14 mg/L May 31, 1975.

CHLORIDE-10 FT DEPTH: Maximum daily, 7,700 mg/L May 19, 1981; minimum daily, 14 mg/L Mar. 5, 1978.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 30.0°C Oct. 30, July 22-26, Aug. 20-23; minimum daily, 8.0°C Jan. 24.

CHLORIDE-SURFACE: Maximum daily, 3,400 mg/L Oct. 31; minimum daily, 16 mg/L Apr. 20, June 16, 20, 29, 30.

CHLORIDE-10 FT DEPTH: Maximum daily, 3,500 mg/L Oct. 31; minimum daily, 15 mg/L June 29.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	22.0	20.0	14.0	12.0	13.0	18.0	24.0	27.0	27.0	27.0	29.0
2	25.0	22.0	21.0	15.0	13.0	14.0	18.0	25.0	26.0	27.0	27.0	28.0
3	24.0	22.0	22.0	15.0	14.0	18.0	18.0	23.0	26.0	27.0	26.0	27.0
4	24.0	19.0	22.0	12.0	13.0	19.0	18.0	22.0	26.0	28.0	26.0	27.0
5	25.0	15.0	21.0	12.0	13.0	20.0	21.0	21.0	26.0	28.0	27.0	27.0
6	25.0	14.0	20.0	13.0	11.0	20.0	21.0	21.0	25.0	27.0	27.0	26.0
7	25.0	14.0	---	14.0	12.0	19.0	21.0	22.0	25.0	27.0	28.0	25.0
8	25.0	15.0	---	14.0	13.0	17.0	20.0	22.0	24.0	28.0	27.0	26.0
9	25.0	17.0	17.0	14.0	13.0	17.0	18.0	23.0	24.0	29.0	27.0	26.0
10	25.0	18.0	17.0	15.0	12.0	17.0	19.0	22.0	---	27.0	27.0	26.0
11	25.0	20.0	18.0	15.0	12.0	18.0	19.0	22.0	25.0	27.0	27.0	27.0
12	24.0	20.0	14.0	13.0	12.0	16.0	19.0	22.0	25.0	28.0	25.0	27.0
13	24.0	17.0	14.0	13.0	12.0	15.0	20.0	23.0	25.0	28.0	25.0	26.0
14	24.0	17.0	14.0	13.0	12.0	17.0	21.0	23.0	26.0	28.0	26.0	26.0
15	24.0	16.0	14.0	12.0	---	17.0	19.0	24.0	25.0	28.0	27.0	27.0
16	24.0	16.0	13.0	11.0	13.0	16.0	17.0	23.0	25.0	28.0	27.0	27.0
17	20.0	17.0	12.0	11.0	13.0	16.0	18.0	22.0	26.0	28.0	28.0	27.0
18	24.0	18.0	13.0	11.0	13.0	16.0	18.0	23.0	26.0	28.0	28.0	26.0
19	24.0	19.0	14.0	10.0	13.0	16.0	---	24.0	26.0	29.0	28.0	26.0
20	23.0	19.0	12.0	10.0	14.0	18.0	18.0	24.0	26.0	29.0	30.0	27.0
21	24.0	19.0	12.0	9.0	13.0	15.0	18.0	24.0	27.0	29.0	30.0	26.0
22	24.0	20.0	14.0	9.0	13.0	15.0	19.0	24.0	27.0	30.0	30.0	26.0
23	19.0	20.0	15.0	9.0	12.0	15.0	19.0	24.0	27.0	30.0	30.0	21.0
24	19.0	19.0	17.0	8.0	13.0	15.0	18.0	25.0	26.0	30.0	28.0	20.0
25	18.0	18.0	19.0	9.0	13.0	13.0	18.0	26.0	28.0	30.0	28.0	22.0
26	17.0	19.0	20.0	10.0	14.0	14.0	21.0	26.0	27.0	30.0	29.0	22.0
27	18.0	19.0	20.0	11.0	14.0	14.0	22.0	27.0	28.0	29.0	28.0	23.0
28	18.0	19.0	19.0	11.0	13.0	15.0	22.0	27.0	27.0	29.0	28.0	23.0
29	29.0	18.0	16.0	11.0	---	15.0	23.0	27.0	27.0	28.0	28.0	23.0
30	30.0	19.0	14.0	11.0	---	15.0	23.0	27.0	27.0	28.0	29.0	23.0
31	21.0	---	14.0	10.0	---	17.0	---	27.0	---	28.0	29.0	---
MAX	30.0	22.0	22.0	15.0	14.0	20.0	23.0	27.0	28.0	30.0	30.0	29.0
MIN	17.0	14.0	12.0	8.0	11.0	13.0	17.0	21.0	24.0	27.0	25.0	20.0

293313090360500 BAYOU TERREBONNE AT BOURG, LA (CE 76403)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
SAMPLING DEPTH 5.00 (FT.), UNCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	2500	160	24	24	26	26	20	19	19	32	42
2	61	2200	770	24	25	1500	30	20	20	20	36	44
3	180	1300	740	27	20	1900	26	22	18	23	34	44
4	76	260	810	30	24	1500	26	20	18	22	30	44
5	65	180	440	30	24	1800	42	26	18	24	36	42
6	80	170	50	30	31	2200	34	24	18	24	34	400
7	170	150	---	30	32	240	26	24	20	22	30	350
8	170	150	---	28	29	120	27	22	20	22	32	300
9	170	220	80	24	24	92	24	22	22	26	30	36
10	170	220	80	25	30	120	24	24	20	26	30	34
11	170	240	56	24	20	150	28	24	20	26	32	34
12	110	210	56	26	24	38	26	24	21	24	28	35
13	110	180	50	26	24	40	26	24	20	22	21	56
14	74	170	48	24	22	40	24	21	24	20	21	86
15	76	150	48	24	---	49	22	22	21	22	22	36
16	76	140	48	24	26	48	23	24	16	22	20	34
17	74	180	44	25	20	34	28	22	20	20	23	36
18	74	170	41	23	26	26	24	25	20	24	24	38
19	76	210	41	25	30	26	22	23	20	24	24	36
20	510	230	30	24	26	26	16	23	16	18	20	34
21	770	150	23	30	22	20	20	24	20	22	19	36
22	770	120	29	24	22	26	20	20	19	24	26	28
23	170	120	27	24	25	24	21	24	21	26	34	29
24	180	110	72	20	25	24	19	24	20	36	36	30
25	170	110	2400	26	26	26	22	24	20	38	32	27
26	160	150	1600	24	25	22	20	22	20	38	30	30
27	120	160	1000	24	18	24	22	20	21	34	30	32
28	120	1400	200	24	20	24	20	20	17	34	50	32
29	340	710	38	24	---	24	20	22	16	36	56	31
30	330	230	49	24	---	26	20	20	16	34	30	30
31	3400	---	24	24	---	28	---	21	---	32	49	---
MAX	3400	2500	2400	30	32	2200	42	26	24	38	56	400
MIN	61	110	23	20	18	20	16	20	16	18	19	27

SAMPLING DEPTH 10.00 (FT.), UNCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	2700	170	26	26	26	26	21	22	22	36	46
2	70	2300	780	25	24	1700	31	19	22	20	37	47
3	270	2000	800	35	24	1900	32	24	20	22	36	48
4	74	280	840	32	26	1600	26	25	19	24	37	48
5	96	190	860	32	26	2000	44	26	18	22	36	46
6	81	170	55	30	36	1700	28	28	21	22	28	430
7	160	160	---	32	34	100	26	26	22	24	30	400
8	170	160	---	30	28	120	25	20	22	24	34	380
9	180	250	91	28	30	96	26	24	20	28	30	38
10	180	240	80	26	32	110	26	26	22	24	32	36
11	180	230	56	25	30	43	32	28	25	26	33	40
12	110	260	64	26	25	38	30	24	22	22	32	41
13	120	180	51	28	25	40	30	24	23	24	24	58
14	77	170	52	27	26	40	30	26	25	18	26	60
15	60	150	48	26	---	52	24	24	22	22	26	79
16	76	140	48	26	25	48	24	24	20	22	22	37
17	75	170	43	26	28	46	27	27	20	21	26	39
18	74	170	110	23	24	28	26	27	19	26	28	36
19	76	380	45	26	25	30	23	26	24	23	26	38
20	690	230	32	29	24	26	24	26	25	24	21	35
21	760	220	30	30	23	26	22	25	22	24	25	36
22	760	210	32	29	25	26	21	25	23	26	31	28
23	180	150	29	26	25	26	22	26	22	29	36	30
24	180	120	74	24	24	26	24	24	22	38	41	30
25	180	120	2900	26	24	26	22	24	22	40	40	30
26	160	170	2400	26	24	26	22	21	24	42	35	34
27	120	160	1500	25	28	25	22	23	21	37	30	32
28	120	1500	200	24	22	24	20	21	20	36	60	33
29	370	1100	48	26	---	26	19	21	15	36	57	32
30	360	250	62	28	---	26	21	23	18	36	50	31
31	3500	---	28	27	---	28	---	21	---	38	52	---
MAX	3500	2700	2900	35	36	2000	44	28	25	42	60	430
MIN	60	120	28	23	22	24	19	19	15	18	21	28

292258090425500 BAYOU GRAND CAILLOU AT DULAC, LA (CE 76323)

LOCATION.--Lat 29°22'58", long 90°42'55", T.19 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, 0.8 mi south of Dulac at bridge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1977 to November 1978, March 1980 to current year.

CHLORIDE: October 1974 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 36.0°C Oct. 10, Nov. 1, 8, 17, 21, 1977, May 25, July 1, 1978; minimum daily, 6.0°C Dec. 25, 1980, Feb. 5, 12, 1981.

CHLORIDE: Maximum daily, 18,000 mg/L Nov. 2, 1974; minimum daily, 14 mg/L Aug. 6, 1975.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 34.0°C July 5, 16, Aug. 20, 25, 28-31; minimum daily, 10.0°C Jan. 20-25.

CHLORIDE: Maximum daily, 11,000 mg/L Nov. 2, 18, 27, Dec. 3; minimum daily, 46 mg/L April 28.

TEMPERATURE, WATER (DEG. C) • WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	26.0	22.0	14.0	16.0	16.0	18.0	24.0	30.0	32.0	32.0	32.0
2	26.0	26.0	24.0	14.0	16.0	16.0	18.0	26.0	28.0	32.0	32.0	32.0
3	26.0	22.0	24.0	12.0	14.0	16.0	16.0	26.0	30.0	32.0	32.0	30.0
4	26.0	16.0	22.0	12.0	12.0	18.0	16.0	24.0	28.0	32.0	32.0	30.0
5	26.0	18.0	20.0	12.0	12.0	20.0	22.0	24.0	30.0	34.0	32.0	28.0
6	26.0	16.0	20.0	14.0	14.0	22.0	22.0	24.0	28.0	32.0	32.0	26.0
7	24.0	18.0	18.0	14.0	12.0	20.0	24.0	24.0	28.0	32.0	32.0	28.0
8	24.0	18.0	18.0	14.0	12.0	20.0	22.0	24.0	28.0	32.0	32.0	28.0
9	24.0	22.0	18.0	---	14.0	20.0	20.0	26.0	28.0	32.0	30.0	30.0
10	24.0	22.0	18.0	16.0	14.0	16.0	20.0	24.0	28.0	32.0	30.0	30.0
11	24.0	22.0	18.0	16.0	14.0	14.0	22.0	26.0	28.0	32.0	30.0	24.0
12	24.0	22.0	14.0	14.0	14.0	16.0	24.0	26.0	30.0	32.0	28.0	28.0
13	24.0	16.0	12.0	12.0	14.0	18.0	24.0	26.0	28.0	32.0	28.0	28.0
14	22.0	18.0	14.0	14.0	14.0	16.0	22.0	26.0	28.0	32.0	28.0	30.0
15	22.0	16.0	16.0	14.0	16.0	18.0	18.0	28.0	28.0	32.0	32.0	28.0
16	24.0	16.0	---	14.0	16.0	18.0	20.0	26.0	30.0	34.0	32.0	30.0
17	22.0	18.0	14.0	14.0	14.0	18.0	22.0	26.0	30.0	32.0	32.0	30.0
18	22.0	18.0	14.0	12.0	14.0	16.0	20.0	26.0	30.0	32.0	32.0	28.0
19	24.0	22.0	14.0	---	16.0	16.0	18.0	28.0	28.0	32.0	32.0	30.0
20	24.0	20.0	16.0	10.0	18.0	20.0	18.0	26.0	30.0	32.0	34.0	28.0
21	22.0	24.0	16.0	10.0	18.0	20.0	20.0	28.0	30.0	32.0	32.0	26.0
22	22.0	22.0	18.0	10.0	18.0	16.0	22.0	28.0	30.0	32.0	32.0	24.0
23	22.0	22.0	18.0	10.0	16.0	16.0	22.0	30.0	30.0	32.0	32.0	24.0
24	---	20.0	20.0	10.0	16.0	14.0	22.0	30.0	28.0	32.0	32.0	24.0
25	20.0	18.0	22.0	10.0	18.0	14.0	22.0	28.0	30.0	32.0	34.0	24.0
26	22.0	18.0	22.0	12.0	16.0	16.0	22.0	28.0	30.0	32.0	32.0	26.0
27	20.0	20.0	22.0	12.0	14.0	18.0	24.0	28.0	30.0	32.0	32.0	26.0
28	20.0	20.0	20.0	12.0	14.0	16.0	24.0	30.0	30.0	32.0	34.0	25.0
29	22.0	18.0	18.0	14.0	---	18.0	24.0	30.0	30.0	32.0	34.0	25.0
30	22.0	20.0	14.0	14.0	---	16.0	24.0	28.0	30.0	30.0	34.0	26.0
31	24.0	---	14.0	16.0	---	---	---	30.0	---	30.0	34.0	---
MAX	28.0	26.0	24.0	16.0	18.0	22.0	24.0	30.0	30.0	34.0	34.0	32.0
MIN	20.0	16.0	12.0	10.0	12.0	14.0	16.0	24.0	28.0	30.0	28.0	24.0

MISSISSIPPI RIVER DELTA

292258090425500 BAYOU GRAND CAILLOU AT DULAC, LA (CE 76323)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCE=DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10000	4400	6600	1500	4600	1200	790	1700	49	670	4400	3200
2	10000	11000	7200	550	1600	1700	400	4000	53	530	4300	5000
3	10000	7200	11000	2100	1300	610	630	2400	55	250	4300	5200
4	7800	5400	8400	1400	1500	3900	2300	480	48	100	3300	7600
5	8200	4900	5600	360	1500	8100	1300	820	51	190	630	5700
6	10000	5800	4700	310	630	7200	5400	850	130	280	500	4900
7	9300	4000	4400	180	1600	6500	4100	340	390	100	430	3000
8	8400	4000	3500	210	1100	5100	2800	150	70	270	650	2300
9	9500	8700	3500	220	330	4100	2800	83	75	1000	340	2000
10	8700	9400	1300	130	300	3200	2400	2100	91	380	270	1600
11	5200	9100	3300	710	530	3000	910	290	340	490	250	1100
12	8400	8600	3300	1100	810	440	300	2500	1900	210	1200	1600
13	5400	5500	2600	270	900	520	5900	5100	620	500	970	1600
14	4400	8200	1300	130	120	440	4700	3300	630	290	960	700
15	2900	5700	2200	130	170	2900	2200	900	730	240	3100	1600
16	3900	6000	710	120	330	7200	220	1100	190	180	3200	2900
17	3800	8300	2100	110	760	4900	100	2300	660	190	4200	4000
18	2700	11000	690	190	150	3700	99	1300	160	190	3800	3200
19	5600	7100	380	150	150	2100	400	2200	380	330	2500	5000
20	8500	9600	1100	4900	170	480	270	2200	59	550	830	2800
21	5000	6400	330	3600	5200	1800	920	2800	53	320	420	1200
22	4300	5800	280	2700	5200	1900	1400	1100	2000	290	500	2600
23	5400	6300	300	2700	2600	930	1400	590	1200	210	290	4200
24	---	4700	7500	2200	1000	1500	2100	500	160	80	230	7400
25	7500	4300	8100	820	390	890	79	220	160	100	1100	8500
26	6400	6700	5100	570	490	6800	81	1200	200	100	1000	9000
27	5600	11000	5500	920	4000	---	57	110	290	120	480	9000
28	9700	8700	4600	350	6200	5400	46	100	81	170	4100	9000
29	9300	6800	3000	3000	---	2600	240	75	64	1100	2600	8900
30	9400	6300	3000	210	---	3400	260	57	180	2700	1500	8600
31	8800	---	2400	510	---	---	---	280	---	4300	1800	---
MAX	10000	11000	11000	4900	6200	8100	5900	5100	2000	4300	4400	9000
MIN	2700	4000	280	110	120	440	46	57	48	85	230	700

MISSISSIPPI RIVER DELTA

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292300090370000 BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL, NEAR DULAC, LA (CE 76303)

LOCATION.--Lat 29°23'00", long 90°37'00", T.19 S., R.18 E., Terrebonne Parish, Hydrologic Unit 08090302,
5.7 mi east of Dulac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to November 1978, November 1979 to current year.

CHLORIDE: October 1974 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 35.0°C July 4-6, 1978; minimum daily, 3.5°C Jan. 20, 1977.

CHLORIDE: Maximum daily, 9,600 mg/L Mar. 30, Oct. 26, 1981; minimum daily, 12 mg/L Aug. 2, 12, 1975.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 33.0°C July 19, 20; minimum daily, 9.0°C Jan. 18-22.

CHLORIDE: Maximum daily, 7,400 mg/L Nov. 18; minimum daily, 49 mg/L Aug. 15.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	23.0	21.0	14.0	14.0	15.0	16.0	23.0	29.0	30.0	29.0	29.0
2	25.0	24.0	22.0	14.0	14.0	15.0	16.0	23.0	29.0	30.0	30.0	29.0
3	25.0	23.0	23.0	14.0	12.0	15.0	16.0	23.5	29.0	30.0	30.0	29.0
4	27.0	24.0	23.0	12.0	13.0	18.0	16.0	23.5	29.0	30.0	30.0	29.0
5	27.0	15.0	23.0	12.0	13.0	18.0	18.0	23.0	29.0	30.0	30.0	28.0
6	27.0	16.0	23.0	13.0	13.0	18.0	20.0	23.0	29.0	30.0	29.0	28.0
7	27.0	15.0	18.0	13.0	13.0	18.0	23.0	23.0	27.0	30.0	29.0	27.0
8	28.0	15.0	17.0	15.0	13.0	18.0	21.0	23.0	28.0	30.0	29.0	27.0
9	27.0	16.0	17.0	15.0	13.0	17.0	21.0	23.0	28.0	30.0	29.0	27.0
10	27.0	17.0	16.0	15.0	13.0	17.0	21.0	24.0	28.0	30.0	29.0	27.0
11	27.0	17.0	12.0	14.0	14.0	15.0	20.0	25.0	28.0	30.0	29.0	27.0
12	27.0	17.0	12.0	13.0	14.0	15.0	21.0	25.0	28.0	30.0	28.0	27.0
13	27.0	15.0	12.0	15.0	14.0	15.0	21.0	25.0	28.0	30.0	28.0	26.0
14	23.0	15.0	13.0	13.0	14.0	15.0	21.0	25.0	28.0	30.0	28.0	26.0
15	23.0	15.0	13.0	13.0	14.0	16.0	17.0	25.0	28.0	29.0	28.0	26.0
16	21.0	16.0	13.0	13.0	14.0	16.0	17.0	24.0	28.0	29.0	30.0	26.0
17	21.0	16.0	13.0	10.0	17.0	---	20.0	25.0	29.0	29.0	30.0	27.0
18	22.0	16.0	15.0	9.0	17.0	16.0	20.0	25.0	28.0	29.0	30.0	27.0
19	24.0	20.0	15.0	9.0	17.0	16.0	18.0	27.0	28.0	33.0	30.0	27.0
20	24.0	22.0	15.0	9.0	17.0	16.0	18.0	27.0	28.0	33.0	31.0	27.0
21	22.0	23.0	16.0	9.0	17.0	16.0	---	27.0	28.0	30.0	31.0	22.0
22	20.0	23.0	16.0	9.0	16.0	17.0	---	26.0	28.0	30.0	31.0	22.0
23	19.0	21.0	21.0	9.5	16.0	15.0	---	26.0	28.0	30.0	31.0	21.0
24	17.0	21.0	21.0	9.5	17.0	14.0	19.0	27.0	28.0	30.0	28.0	25.0
25	17.0	23.0	22.0	11.0	16.5	14.5	19.0	27.0	29.0	30.0	29.0	25.0
26	19.0	23.0	22.0	11.0	12.0	15.0	19.0	27.0	29.0	31.0	29.0	25.0
27	19.0	23.0	22.0	11.0	12.0	15.0	21.0	27.0	29.0	31.0	29.0	23.0
28	18.0	23.0	19.0	13.0	12.0	15.0	21.0	27.0	29.0	31.0	29.0	23.0
29	23.0	23.0	16.0	13.0	---	16.0	22.0	27.0	29.0	29.0	29.0	23.0
30	23.0	23.0	16.0	14.0	---	16.0	22.0	27.0	29.0	29.0	30.0	23.0
31	23.0	---	16.0	14.0	---	16.0	---	27.0	---	29.0	30.0	---
MAX	28.0	24.0	23.0	15.0	17.0	18.0	23.0	27.0	29.0	33.0	31.0	29.0
MIN	17.0	15.0	12.0	9.0	12.0	14.0	16.0	23.0	27.0	29.0	28.0	21.0

MISSISSIPPI RIVER DELTA

292300090370000 BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL, NEAR DULAC, LA (CE 76303)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCF-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4500	4500	5700	1500	1300	1300	2400	830	820	440	1300	2400
2	4400	5900	7300	1600	1200	1500	2200	880	1400	460	1700	2300
3	4600	7100	4000	1500	1300	1400	900	1800	910	490	1600	2400
4	5100	5200	1900	2000	570	4300	560	1500	1300	540	1700	760
5	5100	5100	2800	1900	490	4400	1000	1500	340	230	1300	780
6	5300	5200	2600	1500	550	4400	950	1400	400	220	440	780
7	5000	4700	1300	1500	2200	2200	690	1400	320	210	520	750
8	5500	5200	1800	1700	2300	2200	410	1300	450	220	510	800
9	4300	4500	1600	1100	1600	2000	550	1300	500	220	500	760
10	4400	5400	1900	1100	2200	2200	370	600	620	640	490	460
11	3700	4900	1900	1700	590	3000	330	430	670	630	540	490
12	4500	4900	1800	1900	530	2900	1600	700	670	610	310	500
13	4400	6100	1900	2000	490	2900	1300	640	320	640	53	800
14	4100	4000	2100	1400	490	2900	1600	670	280	650	56	920
15	3800	5100	2600	1300	1100	2900	1700	1800	250	550	49	450
16	3400	5600	2900	1500	1300	2800	810	2400	250	620	1200	800
17	3700	5600	2000	1900	1600	---	540	620	200	660	1300	760
18	4100	7400	1500	2700	1600	2600	630	650	560	490	1300	780
19	5100	4800	1500	2900	1600	2600	690	3900	530	820	1300	760
20	5000	5200	1500	1100	1600	2600	690	3300	560	830	640	2500
21	4600	5700	1900	1100	1500	2700	740	3700	580	1100	600	530
22	4500	5200	1900	1200	1500	2300	2100	1300	920	1100	500	540
23	4400	5000	3600	1900	1000	2400	2200	1400	1100	1300	520	750
24	5000	5500	3300	1900	1000	2600	310	530	1000	1400	400	1600
25	5100	5200	4600	2900	1000	2500	300	520	1400	1300	240	1600
26	4100	5400	4600	2900	2000	3200	200	570	1400	1200	210	2500
27	4200	4900	2600	2900	1900	2900	240	630	1400	1100	1900	2700
28	4300	4900	2600	3000	2000	3000	330	560	330	1100	1900	2800
29	5000	5000	2700	2000	---	1200	280	550	260	1200	1900	2800
30	5200	5000	1900	2000	---	420	830	700	260	1100	1400	2800
31	4900	---	2000	2200	---	1200	---	1200	---	1300	1400	---
MAX	5500	7400	7300	3000	2300	4400	2400	3900	1400	1400	1900	2800
MIN	3700	4000	1300	1100	490	420	200	430	200	210	49	460

MISSISSIPPI RIVER DELTA

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07381327 HOUMA NAVIGATION CANAL AT CROZIER, LA (CE 76343)

LOCATION.--Lat 29°32'22", long 90°42'16", in lot 15, T.8 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, on right bank of canal and 0.8 mi east of Crozier.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1966, 1975, 1976 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to September 1978, October 1980 to September 1981.

CHLORIDE: October 1974 to September 1975, October 1976 to October 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 38.0°C on Aug. 21, 1983; minimum daily, 7.0°C Jan. 20-23, 1978.

CHLORIDE: Maximum daily, 11,000 mg/L Nov. 17, 1980; minimum daily, 15 mg/L Apr. 25, 30, May 5, 11, 14, 31, 1980.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	30.0	21.0	---	---	---	20.0	25.0	---	30.0	30.0	---
2	29.0	35.0	22.0	---	18.0	19.0	20.0	30.0	29.0	30.0	30.0	---
3	29.0	30.0	22.0	---	18.0	20.0	19.0	30.0	29.0	30.0	30.0	30.0
4	29.0	25.0	20.0	---	18.0	20.0	19.0	---	29.0	30.0	---	30.0
5	29.0	20.0	---	18.0	18.0	20.0	---	---	29.0	30.0	---	30.0
6	29.0	---	---	18.0	17.0	21.0	---	22.0	29.0	30.0	30.0	30.0
7	29.0	---	---	18.0	18.0	20.0	---	22.0	29.0	---	30.0	30.0
8	29.0	---	---	18.0	18.0	---	---	22.0	28.0	---	30.0	30.0
9	---	---	---	19.0	---	---	19.0	22.0	---	30.0	30.0	30.0
10	---	20.0	20.0	18.0	18.0	---	19.0	22.0	---	30.0	30.0	---
11	---	20.0	20.0	20.0	17.0	---	20.0	22.0	29.0	30.0	30.0	---
12	---	20.0	20.0	---	18.0	19.0	20.0	---	28.0	30.0	30.0	---
13	---	20.0	18.0	18.0	18.0	19.0	20.0	---	28.0	30.0	---	---
14	---	20.0	18.0	19.0	18.0	19.0	---	22.0	28.0	30.0	---	35.0
15	28.0	20.0	---	17.0	18.0	19.0	---	23.0	28.0	30.0	---	35.0
16	28.0	20.0	20.0	18.0	18.0	19.0	---	22.0	28.0	---	---	35.0
17	28.0	---	17.0	18.0	---	---	---	22.0	28.0	---	30.0	35.0
18	28.0	20.0	18.0	18.0	---	---	20.0	23.0	---	---	35.0	---
19	28.0	20.0	18.0	17.0	18.0	19.0	20.0	23.0	---	---	---	35.0
20	---	20.0	18.0	---	19.0	20.0	20.0	23.0	---	35.0	---	35.0
21	28.0	20.0	18.0	---	20.0	19.0	20.0	---	---	35.0	38.0	34.0
22	27.0	21.0	18.0	17.0	19.0	18.0	20.0	---	28.0	35.0	36.0	34.0
23	25.0	21.0	---	15.0	19.0	19.0	---	---	30.0	35.0	35.0	33.0
24	31.0	21.0	---	17.0	19.0	18.0	---	---	29.0	35.0	---	33.0
25	25.0	---	19.0	17.0	20.0	18.0	---	25.0	30.0	32.0	30.0	33.0
26	25.0	---	20.0	17.0	---	---	---	30.0	30.0	32.0	35.0	33.0
27	25.0	21.0	20.0	17.0	---	---	20.0	30.0	30.0	35.0	35.0	33.0
28	---	20.0	20.0	17.0	---	---	---	30.0	30.0	31.0	35.0	33.0
29	---	20.0	19.0	---	---	---	25.0	30.0	---	35.0	35.0	33.0
30	30.0	21.0	18.0	---	---	20.0	---	30.0	---	30.0	35.0	33.0
31	30.0	---	19.0	---	---	20.0	---	30.0	---	30.0	35.0	---

MISSISSIPPI RIVER DELTA

07381327 HOUMA NAVIGATION CANAL AT CROZIER, LA (CE 76343)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3100	120	---	---	---	30	26	---	18	39	---
2	1100	3500	220	---	24	24	24	24	21	25	46	---
3	3500	1900	800	---	24	24	26	26	20	23	41	44
4	6300	400	89	---	32	27	27	---	16	22	---	42
5	5400	600	---	39	34	26	---	---	20	22	---	50
6	6900	---	---	33	26	26	---	25	20	20	39	54
7	6700	---	---	29	32	35	---	24	20	---	38	48
8	5900	---	---	32	28	---	---	21	24	---	44	32
9	---	---	---	37	---	---	24	26	---	22	30	30
10	---	120	70	31	28	---	26	26	---	20	40	---
11	---	170	59	33	24	---	27	23	20	20	58	---
12	---	200	61	---	28	20	36	---	20	20	59	---
13	---	190	62	33	30	30	30	---	22	24	---	---
14	---	74	74	31	26	28	---	26	20	23	---	66
15	420	110	---	38	28	46	---	24	19	20	---	80
16	98	76	62	34	26	54	---	24	20	---	---	83
17	130	---	50	31	---	---	---	24	20	---	40	66
18	120	89	44	27	---	---	21	23	---	---	54	---
19	160	100	39	31	22	40	20	22	---	---	---	70
20	---	190	41	---	23	42	20	16	---	41	---	65
21	78	100	38	---	28	28	20	---	---	38	52	73
22	120	65	41	32	20	60	20	---	20	42	60	42
23	120	71	---	31	20	28	---	---	19	42	50	44
24	100	78	---	30	20	34	---	---	19	40	---	50
25	130	---	42	42	20	32	---	26	21	36	44	51
26	120	---	46	31	---	---	---	22	16	34	44	280
27	93	130	74	22	---	---	---	21	16	25	44	1200
28	---	1600	36	34	---	---	---	20	22	32	52	1500
29	---	690	32	---	---	---	---	22	---	52	46	1500
30	740	130	40	---	---	33	---	19	---	35	40	1500
31	1600	---	32	---	---	31	---	20	---	33	42	---

MISSISSIPPI RIVER DELTA

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07381330 INTRACOASTAL WATERWAY AT HOUMA, LA (CE 76320)

LOCATION.--Lat 29°35'55", long 90°42'36", in sec.8, T.17 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, at bridge on State Highway 24 at Houma.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1960, 1978 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: June 1981 to current year.

CHLORIDE: October 1980 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURES: Maximum daily, 31.0°C Oct. 8, 1981, July 7, 1982; minimum daily, 10.0°C Jan 23-31, 1983.

CHLORIDE: Maximum daily, 8,100 mg/L Nov. 18, 1981; minimum daily, 15 mg/L June 27, 1983.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 28.0°C on many days during July, Aug., and Sept.; minimum daily, 10.0°C Jan. 23-31.

CHLORIDE: Maximum daily, 2,800 mg/L Nov. 1; minimum daily, 15 mg/L June 27.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCF-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	22.0	20.0	15.0	11.0	17.0	19.0	24.0	25.0	---	28.0	28.0
2	24.0	22.0	20.0	15.0	15.0	17.0	19.0	24.0	25.0	26.0	28.0	28.0
3	24.0	---	20.0	15.0	15.0	17.0	19.0	22.0	25.0	27.0	28.0	28.0
4	24.0	22.0	20.0	13.0	15.0	19.0	20.0	22.0	25.0	27.0	28.0	23.0
5	24.0	21.0	19.0	13.0	15.0	19.0	20.0	22.0	25.0	27.0	28.0	28.0
6	24.0	19.0	19.0	13.0	15.0	20.0	20.0	22.0	25.0	27.0	28.0	28.0
7	24.0	19.0	19.0	13.0	13.0	20.0	20.0	22.0	25.0	27.0	28.0	28.0
8	24.0	19.0	19.0	13.0	13.0	20.0	20.0	22.0	24.0	27.0	27.0	28.0
9	24.0	20.0	19.0	13.0	14.0	18.0	19.0	22.0	24.0	27.0	27.0	28.0
10	24.0	20.0	19.0	15.0	14.0	18.0	19.0	22.0	24.0	27.0	27.0	28.0
11	24.0	20.0	19.0	15.0	15.0	17.0	20.0	22.0	24.0	27.0	27.0	28.0
12	24.0	20.0	15.0	15.0	15.0	17.0	20.0	23.0	24.0	27.0	27.0	28.0
13	24.0	18.0	15.0	15.0	13.0	17.0	20.0	23.0	25.0	27.0	27.0	28.0
14	23.0	18.0	15.0	15.0	14.0	17.0	20.0	23.0	25.0	27.0	27.0	26.0
15	23.0	18.0	15.0	15.0	14.0	18.0	20.0	23.0	25.0	27.0	27.0	26.0
16	23.0	18.0	14.0	15.0	15.0	18.0	20.0	23.0	25.0	27.0	27.0	26.0
17	23.0	18.0	14.0	14.0	15.0	17.0	20.0	23.0	25.0	27.0	27.0	26.0
18	22.0	18.0	14.0	14.0	15.0	17.0	20.0	23.0	25.0	27.0	27.0	26.0
19	22.0	18.0	15.0	14.0	15.0	17.0	20.0	24.0	25.0	28.0	27.0	26.0
20	22.0	18.0	14.0	14.0	16.0	18.0	20.0	24.0	25.0	28.0	28.0	26.0
21	22.0	18.0	14.0	14.0	18.0	18.0	20.0	24.0	25.0	28.0	28.0	25.0
22	22.0	20.0	14.0	14.0	16.0	18.0	20.0	24.0	25.0	28.0	28.0	25.0
23	22.0	20.0	15.0	10.0	18.0	18.0	20.0	24.0	25.0	28.0	28.0	23.0
24	22.0	20.0	17.0	10.0	18.0	18.0	20.0	25.0	25.0	28.0	28.0	23.0
25	22.0	20.0	17.0	10.0	18.0	15.0	20.0	25.0	25.0	28.0	28.0	23.0
26	22.0	20.0	18.0	10.0	18.0	15.0	22.0	25.0	26.0	28.0	28.0	23.0
27	22.0	20.0	17.0	10.0	18.0	15.0	23.0	25.0	26.0	28.0	28.0	22.0
28	22.0	20.0	17.0	10.0	18.0	18.0	24.0	25.0	26.0	28.0	28.0	22.0
29	22.0	20.0	16.0	10.0	---	18.0	24.0	25.0	26.0	28.0	28.0	22.0
30	22.0	20.0	15.0	10.0	---	18.0	24.0	26.0	26.0	28.0	28.0	22.0
31	22.0	---	15.0	10.0	---	19.0	---	25.0	---	28.0	28.0	---
MAX	24.0	22.0	20.0	15.0	18.0	20.0	24.0	26.0	26.0	28.0	28.0	28.0
MIN	22.0	18.0	14.0	10.0	11.0	15.0	19.0	22.0	24.0	26.0	27.0	22.0

MISSISSIPPI RIVER DELTA

07381330 INTRACOASTAL WATERWAY AT HOUMA, LA (CE 76320)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	2800	94	26	34	23	26	23	22	---	39	46
2	74	2000	100	26	42	23	28	21	20	22	36	40
3	67	1600	100	26	50	24	26	20	19	24	31	38
4	54	300	86	28	43	26	27	26	20	24	30	46
5	70	290	94	30	48	26	37	22	20	24	31	50
6	70	300	100	30	42	62	28	21	24	22	26	50
7	70	310	90	26	24	58	20	22	22	26	34	56
8	80	100	20	30	30	22	16	23	16	30	30	56
9	66	92	46	25	30	22	18	22	28	26	36	58
10	80	110	44	22	30	22	22	66	21	25	35	56
11	72	270	50	25	21	26	30	29	23	26	34	51
12	1400	160	38	24	26	30	30	31	22	22	32	56
13	2200	190	44	21	28	32	30	29	22	24	35	56
14	1500	100	37	34	25	32	30	56	22	22	34	58
15	220	120	36	22	22	34	30	60	20	24	34	41
16	86	120	36	28	26	28	28	30	21	25	70	50
17	170	120	30	18	22	24	28	30	20	22	44	53
18	110	75	44	22	24	22	28	24	20	22	59	56
19	180	77	34	24	22	24	28	26	20	33	52	49
20	86	81	37	22	23	24	30	25	20	32	48	52
21	68	88	26	24	26	24	31	22	16	32	46	36
22	100	91	26	24	24	24	30	24	20	38	50	34
23	200	79	20	23	22	34	26	25	20	38	54	35
24	150	100	22	29	20	30	30	26	20	35	51	46
25	150	100	26	24	21	33	30	22	22	24	52	50
26	170	100	20	26	20	29	26	23	19	29	53	52
27	150	160	20	28	23	29	25	20	15	36	50	900
28	150	760	20	28	22	30	24	20	19	40	51	1200
29	150	350	22	30	---	34	22	23	19	34	46	1300
30	410	100	22	28	---	32	24	22	18	34	44	1500
31	1500	---	28	22	---	29	---	20	---	32	40	---
MAX	2200	2800	100	34	50	62	37	66	28	40	70	1500
MIN	54	75	20	18	20	22	16	20	15	22	26	34

MISSISSIPPI RIVER DELTA

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07381440 BAYOU GROSSE TETE AT ROSEDALE, LA

LOCATION.--Lat 30°26'33", long 91°27'06", in SW1/4 sec.27, T.7 S., R.10 E., Iberville Parish, Hydrologic Unit 08070300, at bridge on State Highway 76, at Rosedale.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1960, 1969, 1978 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CTIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)
OCT 15...	1330	300	7.5	21.5	20	2.0	1.8	5.3
JAN 12...	1430	181	6.2	13.5	60	25	5.3	1.8
APR 06...	1500	140	6.8	17.5	40	110	6.8	2.9
JUL 14...	1230	288	6.9	29.5	10	3.0	3.5	4.7

DATE	COLI- FORM, FFCAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FFCAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT 15...	K4000	K900	110	29	9.9	22	3.5	126	32
JAN 12...	380	K74000	81	22	6.3	4.9	3.5	77	7.0
APR 06...	K9200	45000	47	14	5.0	4.8	2.2	54	5.7
JUL 14...	440	3000	130	34	10	8.3	4.0	121	8.1

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 15...	33	.2	7.9	185	160	<.1	.7	.47
JAN 12...	4.8	.1	11	100	106	.2	.7	.47
APR 06...	4.6	<.1	5.0	75	59	.4	.6	.30
JUL 14...	5.6	.2	8.7	180	156	<.1	.8	.16

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

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

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN ROT- TOM MA- TERTIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM ROT- TOM MA- TERTIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM ROT- TOM MA- TERTIAL (UG/G AS CR)	CHRO- MIUM, HEXA- VALENT, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM ROT- TOM MA- TERTIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, RECOV. FM ROT- TOM MA- TERTIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 15...	1	5	<1	1	4	<1	4	13	<3	6300	<1

DATE	LEAD, RECOV. FM ROT- TOM MA- TERTIAL (UG/G AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM ROT- TOM MA- TERTIAL (UG/G)	MERCURY TOTAL RECOV- EMABLE (UG/L AS HG)	MERCURY RECOV. FM ROT- TOM MA- TERTIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM ROT- TOM MA- TERTIAL (UG/G AS ZN)	CARRON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCH, TOTAL (UG/L)
OCT 15...	90	<1	320	<.1	<.01	<4	69	7.9	<.01	<1	<.1

DATE	PCP, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR, TOTAL (UG/L)	PCN, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	ALDRIN, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	ALDRIN, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/KG)	DDD, TOTAL IN ROT- TOM MA- TERTIAL (UG/L)	DDD, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)
OCT 15...	3	<.1	<1	<.01	<.1	<.1	5	<.01	2.9	<.01	12

DATE	DNT, TOTAL (UG/L)	DNT, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	DI- ELDRIN, TOTAL (UG/L)	DI- ELDRIN, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)
OCT 15...	<.01	<.1	<.01	<.1	<.01	.2	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	LINDANE TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	LINDANE TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	MALA- THION, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	MALA- THION, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)
OCT 15...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	PARA- THION, TOTAL (UG/L)	PARA- THION, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)
OCT 15...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PER- THANE TOTAL (UG/L)	PER- THANE TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOX- APHENE, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	TRI- THION, TOTAL (UG/L)	TRI- THION, TOTAL IN ROT- TOM MA- TERTIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2,4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 15...	<.1	<1	<1	<10	<.01	<.1	.10	<.01	.01	.15

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

MISSISSIPPI RIVER DELTA

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07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°09'40", long 91°20'14", in NE1/4 sec.34, T.10 S., R.11 E., Iberville Parish, Hydrologic Unit 08070300, at bridge on State Highway 75 spur in Bayou Sorrel.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1959-60, 1979 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1980 to September 1982.

WATER TEMPERATURES: February 1980 to September 1982.

INSTRUMENTATION.--Water-quality monitor February 1980 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 582 micromhos Feb. 3, 1981; minimum, 142 micromhos Mar. 30, 1980.

WATER TEMPERATURES: Maximum, 34.5°C July 6, 7, 1980; minimum, 5.5°C Jan. 15, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 20...	1100	1000	414	7.2	23.0	20	43	6.9	.6	280	3600
JAN 14...	1245	4410	241	6.7	14.5	60	28	5.4	.9	K200	5900
APR 01...	1200	2040	338	6.1	17.5	30	33	7.0	3.4	140	16000
JUL 27...	1030	1090	366	7.1	31.5	20	16	4.7	2.9	150	1300

DATE	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 20...	140	38	12	23	3.6	118	48	23	.2	6.3
JAN 14...	95	25	7.8	11	4.0	80	15	16	.1	11
APR 01...	130	34	11	17	2.9	103	22	26	.1	8.2
JUL 27...	140	37	12	18	3.6	109	29	24	.2	9.8

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)
OCT 20...	248	225	.96	.04	.6	.14	.10	.10	40	10
JAN 14...	--	135	.37	.12	.5	.34	--	.19	<10	2
APR 01...	194	183	.37	.15	.6	.21	.10	.09	20	2
JUL 27...	230	199	1.1	.10	.9	.14	.11	.09	20	3

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

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

MISSISSIPPI RIVER DELTA

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CH)	CORALIT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LITHIUM DIS- SOLVED (UG/L AS LI)
OCT 20...	86	<1	1	<1	<3	12	5	<1	8
JAN 14...	72	<1	1	--	<3	7	91	17	<4
APR 01...	78	<1	<1	<1	<3	67	42	7	5
JUL 27...	180	<1	<1	<1	<3	6	13	2	11

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 20...	13	.1	<10	2	<1	<1	180	<6	12
JAN 14...	29	.2	<10	4	<1	<1	120	<6	12
APR 01...	33	.2	<10	1	<1	<1	170	<6	10
JUL 27...	16	<.1	<10	4	<1	<1	190	<6	12

DATE	SEDI- MENT, DIS- SOLVED (MG/L)	SEDI- MENT, DIS- SOLVED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 20...	152	410	93
JAN 14...	23	274	93
APR 01...	53	292	70
JUL 27...	46	135	91

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

MISSISSIPPI RIVER DELTA

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295500091100000 LAKE VERRET NEAR PIERRE PART, LA

LOCATION.--Lat 29°55'00", long 91°10'00", in T.13 S., R.13 E., Assumption Parish, Hydrologic Unit 08090302,
1.2 mi northwest of landing at State Highway 1016-1, 4.3 mi southeast of Pierre Part.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1975, 1979 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 13...	1130	370	6.8	23.0	20	15	5.8	1.9	K20
JAN 11...	1315	215	6.9	14.5	60	20	6.2	2.1	K80
APR 12...	1115	178	6.8	20.0	50	30	8.8	2.4	K16
JUL 06...	1040	196	6.9	29.0	30	6.0	6.9	3.2	K10

DATE	STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CaCO3)	CALCIUM DIS-SOLVED (MG/L AS Ca)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg)	SODIUM, DIS-SOLVED (MG/L AS Na)	POTASSIUM, DIS-SOLVED (MG/L AS K)	ALKALINITY, FIELD (MG/L AS CaCO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
OCT 13...	180	120	32	10	22	3.3	103	38
JAN 11...	600	81	22	6.3	8.6	3.4	75	11
APR 12...	4200	56	15	4.5	8.4	2.3	50	10
JUL 06...	K57	81	22	6.3	9.1	3.4	73	10

DATE	CHLORIDE, DIS-SOLVED (MG/L AS CL)	FLUORIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 13...	30	.2	7.4	--	205	<.1	3.2	.23
JAN 11...	11	.1	9.4	125	117	.2	.3	.26
APR 12...	12	.1	4.1	105	89	.1	.6	.21
JUL 06...	12	.2	6.8	125	116	<.1	1.0	.18

DATE	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS Cd)	CADMIUM FM BOTTOM MATERIAL (UG/G AS Cd)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS Cr)	COPPER, DIS-SOLVED (UG/L AS Cu)	COPPER, FM BOTTOM MATERIAL (UG/G AS Cu)	IRON, DIS-SOLVED (UG/L AS Fe)	IRON, FM BOTTOM MATERIAL (UG/G AS Fe)	LEAD, DIS-SOLVED (UG/L AS Pb)
OCT 13...	1	<1	<1	1	10	<1	2	16	7	9500

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

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

295500091100000 LAKE VERRET NEAR PIERRE PART, LA--Continued
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PR)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY TOTAL RECOV. FM BOT- TOM MA- TERIAL (UG/L AS HG)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/L AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)	CARRON, ORGANIC TOTAL (MG/L AS C)	CYANIDF TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT 13...	30	<1	370	<.1	<.01	7	57	5.6	<.01	<1	<1
DATE	PCR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT 13...	<1	<.1	<1	<.01	<.1	<.1	2	<.01	.7	<.01	.3
DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN TOTAL (UG/L)	DI- ELDRIN TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	
OCT 13...	<.01	<.1	.03	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDF TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	
OCT 13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL (UG/L)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	
OCT 13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	PER- THANE IN BOTTOM MATERIAL (UG/L)	PER- THANE IN BOTTOM MATERIAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2,4-DP, TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	
OCT 13...	<.1	<1	<1	<10	<.01	<.1	.35	.03	.01	.01	

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

MISSISSIPPI RIVER DELTA

167

295030091055600 LAKE VERREI NEAR GEORGIA, LA

LOCATION.--Lat 29°50'30", long 91°05'56", in T.14 S., R.13 E., Assumption Parish, Hydrologic Unit 08090302, 0.6 mi from landing at State Highway 401 and 6.7 mi east of Georgia.

DRAINAGE AREA--Not determined.

PERIOD OF RECORD.--Water years 1980 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CTIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)
OCT 13...	1100	330	8.0	24.0	30	8.0	7.9	5.2
JAN 11...	1300	222	6.8	14.0	50	10	9.2	4.2
APR 12...	1130	166	6.6	19.5	50	25	4.6	1.5
JUL 06...	1025	201	7.4	30.0	40	5.0	7.8	3.6

DATE	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCOCT FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINEITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT 13...	<5	110	110	29	10	24	5.6	89	30
JAN 11...	<50	150	78	21	6.2	11	3.8	72	12
APR 12...	K68	1200	60	16	4.8	7.2	2.7	54	10
JUL 06...	<10	<10	82	22	6.5	9.4	3.2	74	10

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 13...	30	.2	14	179	196	.60	.4	.20
JAN 11...	16	.2	9.1	138	123	.10	.6	.53
APR 12...	11	.1	6.5	115	90	.20	.7	.27
JUL 06...	13	.2	6.4	--	118	<.10	1.3	.15

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

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

295030091055600 LAKE VERRET NEAR GEORGIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN ROT- TOM MA- TERIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM ROT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM ROT- TOM MA- TERIAL (UG/G)	CHRO- MIUM, HEXA- VALENT, DIS- (UG/L AS CR)	COPPER, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS CU)	COPPER, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS CU)	IRON, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS FE)	IRON, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 13...	12	3	<1	<2	10	<1	1	21	55	1400	<1
DATE	LEAD, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS PB)	MANGA- NESE, RECOV. FM ROT- TOM MA- TERIAL (UG/L AS MN)	MANGA- NESE, RECOV. FM ROT- TOM MA- TERIAL (UG/G)	MERCURY TOTAL RECOV. FM ROT- TOM MA- TERIAL (UG/L AS HG)	MERCURY RECOV. FM ROT- TOM MA- TERIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM ROT- TOM MA- TERIAL (UG/G AS ZN)	CARRON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCR, TOTAL (UG/L)
OCT 13...	30	200	460	<.1	<.01	<4	60	8.6	<.01	<1	<.10
DATE	PCR, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	ALDRIN, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	CHLOR- DANE, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	DDD, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	DDE, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)
OCT 13...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	110	<.01	100
DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)
OCT 13...	<.01	61	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.1
DATE	ETHION, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	ETHION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	LINDANE TOTAL IN ROT- TOM MA- TERIAL (UG/L)	LINDANE TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	MALA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)
OCT 13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.1
DATE	METH- OXY- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	METH- OXY- CHLOR, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	METHYL PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	METHYL PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	MIREX, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	MIREX, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	PARA- THION, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)
OCT 13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.1
DATE	PER- THANE TOTAL IN ROT- TOM MA- TERIAL (UG/L)	PER- THANE TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	TOXA- PHENE, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	TOXA- PHENE, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	TOXA- PHENE, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	TOXA- PHENE, TOTAL IN ROT- TOM MA- TERIAL (UG/KG)	TOXA- PHENE, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	2,4-D, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	2,4-DP, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	2,4,5-T, TOTAL IN ROT- TOM MA- TERIAL (UG/L)	SILVEX, TOTAL IN ROT- TOM MA- TERIAL (UG/L)
OCT 13...	<.1	<1	<1	<10	<.01	<.1	.07	<.01	<.01	<.01	.02

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

MISSISSIPPI RIVER DELTA

169

294301091105700 LAKE PALOURDE AT MORGAN CITY, LA

LOCATION.--Lat 29°43'01", long 91°10'57", in T.15 S., R.12 E., St. Mary Parish, Hydrologic Unit 08090302,
3.0 mi from State Highway 2 and 1.0 mi east of Morgan City.

DRAINAGE AREA--Indeterminate.

PERIOD OF RECORD.--Water years 1975, 1979 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 13...	0945	350	7.3	24.5	15	8.0	7.9	2.6	K5
JAN 11...	1145	246	6.8	14.0	40	15	10.4	2.8	K35
APR 12...	1000	267	8.1	21.0	20	15	10.2	4.2	K4
JUL 06...	1145	214	8.0	30.0	20	7.0	10.6	6.2	<10

DATE	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT 13...	K55	130	35	11	21	3.4	98	40
JAN 11...	140	90	24	7.3	13	3.3	78	19
APR 12...	3600	96	26	7.4	13	2.8	84	17
JUL 06...	K40	88	24	6.8	9.7	2.8	76	14

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 13...	25	.2	6.2	218	208	<.1	1.8	.17
JAN 11...	14	.1	8.5	155	136	.3	.5	.27
APR 12...	19	.1	1.4	161	140	<.1	.7	.09
JUL 06...	13	.2	6.3	137	125	<.1	1.3	.15

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

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

294301091105700 LAKE PALOURDE AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CHRO- MIUM, HEXA- VALENT, DIS- (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 13...	1	<1	<1	1	4	<1	3	9	18	7400	1
DATE	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY FM BOT- TOM MA- TERIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, FM BOT- TOM MA- TERIAL (UG/G AS ZN)	CARRON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT 13...	10	6	230	<.1	<.01	12	28	6.8	<.01	<1	<.1
DATE	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, FM BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, FM BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, FM BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, FM BOT- TOM MA- TERIAL (UG/KG)
OCT 13...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	<.1	<.01	<.1
DATE	DDT, TOTAL (UG/L)	DDI, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, FM BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN TOTAL (UG/L)	DI- ELDRIN FM BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, FM BOT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, FM BOT- TOM MA- TERIAL (UG/KG)	
OCT 13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	ETHION, TOTAL (UG/L)	ETHIUN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR, FM BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE FM BOT- TOM MA- TERIAL (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE FM BOT- TOM MA- TERIAL (UG/KG)	MALA- THIUN, TOTAL (UG/L)	MALA- THIUN, FM BOT- TOM MA- TERIAL (UG/KG)	
OCT 13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOT. IN BOTTOM MATH. (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, FM BOT- TOM MA- TERIAL (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, FM BOT- TOM MA- TERIAL (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, FM BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL (UG/L)	PARA- THION, FM BOT- TOM MA- TERIAL (UG/KG)	
OCT 13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	
DATE	PER- THANE TOTAL (UG/L)	PER- THANE IN BOTTOM MATERIAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOX- APHENE, FM BOT- TOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TOTAL TRI- THION FM BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	
OCT 13...	<.1	<1	<1	<10	<.01	<.1	.09	<.01	<.01	.01	

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

MISSISSIPPI RIVER DELTA

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07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA

LOCATION.--Lat 30°58'57", long 91°47'54", in NE1/4SW1/4 sec. 7, T. 1 S., R. 7 E., Louisiana meridian, Avoyelles Parish, Hydrologic Unit 08080101, near right bank on downstream side of Kansas City Southern Railway Co. bridge, 0.4 mi east of town of Simmesport, 0.5 mi upstream from State Highway 1, and 4.9 mi downstream from confluence of Red River and Old River (head of Atchafalaya River).

DRAINAGE AREA.--Approximately 87,570 mi² (see REMARKS).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1972 to September 1981 (see NOTE). Gage heights, May 1, 1887 to May 15, 1892, Dec. 1, 1903 to current year, and discharge (intermittently since 1851) are contained in reports of Corps of Engineers, New Orleans district.

REVISED RECORDS.--WDR LA 77-2: 1975.

GAGE.--Water-stage recorder. Datum of gage is 5.73 ft National Geodetic Vertical Datum of 1929.

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 noncontributing area or Mississippi River area.

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

AVERAGE DISCHARGE.--10 years (water years 1972-82), 242,000 ft³/s, 175,100,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 781,000 ft³/s (observed) May 12, 1973; maximum gage height, 49.05 ft May 15, 1973; minimum daily, 22,000 ft³/s Oct. 4, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1903, 53.4 ft May 16, 1927, minimum discharge, 10,500 ft³/s June 24, 1964; minimum gage height, -4.68 ft July 16, 1964.

EXTREMES FOR CURRENT YEAR.--Water year 1982: Maximum daily discharge, 375,000 ft³/s Apr. 8, 9, 10, minimum daily, 68,000 ft³/s Oct. 6.

NOTE.--Records for the 1983 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83000	160000	105000	97000	213000	314000	359000	297000	233000	315000	185000	126000
2	79000	163000	102000	127000	232000	326000	361000	293000	238000	303000	189000	122000
3	75000	162000	103000	134000	260000	340000	362000	289000	244000	283000	193000	119000
4	74000	159000	105000	144000	281000	342000	363000	274000	248000	277000	189000	120000
5	69000	163000	101000	160000	297000	344000	364000	265000	254000	265000	182000	123000
6	68000	158000	105000	166000	311000	345000	368000	262000	258000	253000	172000	126000
7	69000	176000	108000	172000	319000	349000	371000	252000	263000	243000	163000	133000
8	70000	183000	119000	174000	325000	351000	375000	240000	276000	229000	159000	139000
9	70000	185000	129000	170000	327000	355000	375000	232000	292000	222000	158000	141000
10	75000	170000	130000	170000	331000	353000	375000	226000	304000	216000	148000	161000
11	76000	157000	132000	173000	334000	348000	374000	216000	310000	212000	149000	176000
12	74000	156000	142000	181000	336000	340000	373000	212000	321000	209000	144000	189000
13	75000	156000	143000	188000	340000	326000	362000	208000	324000	215000	142000	203000
14	80000	156000	146000	216000	338000	317000	355000	198000	327000	229000	139000	196000
15	80000	158000	147000	227000	338000	310000	346000	193000	329000	224000	137000	179000
16	79000	160000	141000	234000	344000	289000	335000	190000	329000	224000	136000	162000
17	81000	161000	135000	236000	352000	278000	329000	188000	332000	225000	135000	151000
18	82000	156000	129000	230000	346000	274000	324000	201000	334000	223000	143000	150000
19	78000	152000	127000	211000	345000	273000	318000	215000	338000	220000	146000	144000
20	81000	147000	121000	191000	343000	273000	302000	212000	340000	214000	140000	137000
21	97000	139000	102000	179000	341000	272000	310000	211000	343000	205000	139000	128000
22	127000	134000	100000	172000	337000	276000	311000	211000	344000	199000	135000	123000
23	135000	129000	99000	163000	325000	287000	299000	205000	354000	191000	133000	124000
24	124000	124000	99000	162000	319000	295000	302000	203000	355000	183000	133000	126000
25	120000	115000	108000	161000	316000	306000	303000	199000	350000	177000	139000	129000
26	124000	114000	105000	147000	313000	314000	303000	200000	347000	174000	140000	131000
27	158000	112000	103000	142000	314000	322000	301000	202000	347000	167000	145000	131000
28	189000	108000	102000	145000	314000	321000	299000	210000	345000	172000	146000	130000
29	159000	103000	90000	156000	---	320000	299000	220000	338000	174000	145000	127000
30	158000	102000	69000	200000	---	342000	299000	227000	326000	180000	142000	124000
31	159000	---	71000	201000	---	352000	---	231000	---	182000	133000	---
TOTAL	3068000	4428000	3518000	5429000	8891000	9854000	10117000	6982000	9343000	6805000	4679000	4270000
MEAN	98970	147600	113500	175100	317500	317900	337200	225200	311400	219500	150900	142300
MAX	189000	185000	147000	236000	352000	355000	375000	297000	355000	315000	193000	203000
MIN	68000	102000	69000	97000	213000	272000	299000	188000	233000	167000	133000	119000
AC-FT	6085000	8783000	6978000	10770000	17640000	19550000	20070000	13850000	18530000	13500000	9281000	8470000
CAL YR 1981 TOTAL	57009000			MEAN 156200		MAX 329000		MIN 45000	AC-FT 113100000			
WTR YR 1982 TOTAL	77384000			MEAN 212000		MAX 375000		MIN 68000	AC-FT 153500000			

MISSISSIPPI RIVER DELTA

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.80	11.50	6.60	8.19	17.38	25.62	28.85	24.40	19.34	25.77	14.77	8.92
2	4.57	11.67	6.32	9.24	19.08	26.52	29.00	24.08	19.70	24.85	15.21	8.48
3	3.99	11.64	6.42	10.11	21.54	27.44	29.10	23.73	20.20	23.63	15.58	8.26
4	4.01	11.55	6.60	10.93	23.12	27.60	29.15	22.60	20.50	22.89	15.20	8.35
5	3.83	11.78	6.18	11.55	24.30	27.71	29.21	21.90	21.04	21.94	14.47	8.69
6	3.69	12.36	6.63	12.10	25.35	27.82	29.55	21.65	21.38	21.00	13.49	9.00
7	3.69	13.11	6.82	12.68	25.95	28.10	29.75	20.82	21.80	20.17	12.66	9.70
8	3.88	13.81	7.74	12.84	26.38	28.23	29.95	19.83	22.82	18.80	12.28	10.30
9	3.97	13.94	8.54	12.45	26.50	28.42	30.04	19.22	24.08	18.19	12.16	10.47
10	4.29	12.47	8.68	12.49	26.74	28.33	30.07	18.68	25.04	17.70	11.15	12.51
11	4.26	11.27	8.83	12.79	27.05	28.05	30.00	17.80	25.43	17.34	11.20	13.99
12	4.10	11.05	9.68	13.60	27.20	27.47	29.95	17.50	26.26	17.03	10.68	15.29
13	4.19	11.05	9.83	14.30	27.43	26.31	29.15	17.10	26.50	17.52	10.57	16.59
14	4.61	11.18	10.02	17.30	27.33	25.70	28.60	16.19	26.70	18.83	10.18	15.80
15	4.55	11.40	10.20	18.15	27.30	25.20	27.98	15.74	26.80	18.38	10.00	14.15
16	4.50	11.54	9.98	18.80	27.70	23.70	27.15	15.40	26.80	18.35	9.92	12.45
17	4.58	11.51	9.28	19.10	28.10	22.88	26.80	15.27	27.03	18.50	9.81	11.31
18	4.70	11.04	9.02	18.82	27.80	22.62	26.45	16.62	27.20	18.32	10.63	11.31
19	4.30	10.60	8.42	17.12	27.72	22.52	26.00	17.80	27.40	17.93	10.90	10.70
20	4.65	10.05	7.56	15.33	27.65	22.49	24.80	17.52	27.58	17.48	10.30	9.97
21	5.98	9.37	6.19	14.10	27.48	22.45	25.50	17.40	27.72	16.45	10.18	9.20
22	8.50	8.95	6.00	13.40	27.18	22.85	25.54	17.40	27.95	16.10	9.82	8.60
23	9.24	8.47	6.08	12.50	26.40	23.68	24.60	16.80	28.55	15.37	9.59	8.68
24	8.04	8.18	6.81	12.40	26.05	24.30	24.80	16.63	28.60	14.51	9.71	8.89
25	7.94	7.36	6.40	12.25	25.80	25.12	24.90	16.25	28.30	14.00	10.21	9.30
26	8.18	7.28	6.58	10.89	25.56	25.74	24.88	16.38	28.05	13.63	10.35	9.40
27	11.26	7.15	6.40	10.41	25.60	26.35	24.70	16.52	27.97	13.00	10.85	9.38
28	11.32	6.88	6.32	10.75	25.60	26.21	24.48	17.24	27.90	13.45	10.95	9.26
29	11.37	6.48	4.20	11.87	---	26.15	24.50	18.10	27.42	13.77	10.92	9.00
30	11.29	6.39	3.58	14.72	---	27.70	24.52	18.80	26.53	14.27	10.59	8.68
31	11.39	---	4.50	16.32	---	28.46	---	19.10	---	14.50	9.64	---
MAX	11.39	13.94	10.20	19.10	28.10	28.46	30.07	24.40	28.60	25.77	15.58	16.59
MIN	3.69	6.39	3.58	8.19	17.38	22.45	24.48	15.27	19.34	13.00	9.59	8.26

MISSISSIPPI RIVER DELTA

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07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1952-53, 1973 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to September 1975, October 1978 to September 1979.

WATER TEMPERATURES: December 1975 to September 1976, October 1977 to current year.

CHLORIDE: October 1974 to current year.

SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1982.

REMARKS.--Records for the 1983 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

COOPERATION.--Samples for chloride and suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 03045.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 627 micromhos Nov. 17, 1978; minimum daily, 179 micromhos Feb. 21, 1979.

WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 1981; minimum daily, 2.0°C Jan. 18-20, Feb. 3, 6, 7, 1978, Jan. 15, 1979, Jan. 14, 1982.

CHLORIDE: Maximum daily, 150 mg/L June 9, 13, 14, 1977; minimum daily, 10 mg/L Apr. 16, 17, 1975, Jan. 6, 1983.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 1,203,000 tons Feb. 7, 1975; minimum daily, 2,000 tons Oct. 3-5, 1976.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.0	18.0	13.0	---	9.5	10.0	12.5	---	21.0	26.0	24.5	29.0
2	---	18.0	13.0	---	7.5	10.5	---	16.5	---	---	29.5	29.0
3	---	18.0	14.0	10.0	5.5	11.0	---	17.5	22.0	---	29.5	---
4	22.0	15.0	---	10.0	7.0	11.0	12.5	16.5	---	---	27.5	---
5	23.0	14.0	---	10.0	---	---	12.5	16.0	22.0	27.0	27.5	---
6	23.0	---	13.0	10.0	---	---	12.0	18.5	22.0	27.0	---	29.0
7	23.0	---	13.0	10.0	8.0	12.0	12.0	---	21.0	26.5	---	29.0
8	23.0	14.0	13.0	---	6.0	12.0	11.5	---	21.5	26.5	28.5	29.0
9	---	15.0	13.0	---	8.0	13.0	---	17.5	22.0	---	29.0	29.0
10	---	14.0	12.0	9.0	8.0	12.0	---	19.0	22.0	---	29.0	---
11	---	---	---	9.0	7.5	11.0	12.5	18.0	---	28.0	29.0	---
12	22.0	---	---	8.0	7.0	---	13.0	18.0	---	28.0	29.0	28.0
13	20.0	---	10.0	7.0	5.0	---	13.0	18.5	22.5	28.0	---	27.5
14	20.0	---	10.0	7.0	---	12.0	13.0	---	23.5	28.0	---	27.0
15	20.0	12.0	10.0	---	---	12.0	13.5	---	24.5	28.0	27.0	27.0
16	---	12.0	9.5	---	8.0	13.0	---	18.0	24.5	---	29.0	27.0
17	---	14.0	9.5	7.0	8.0	13.0	---	18.0	24.5	---	29.0	---
18	20.0	14.0	---	7.5	8.0	13.0	13.5	18.5	---	28.5	29.0	---
19	20.0	14.0	---	7.5	---	---	13.5	19.0	---	28.5	29.0	26.0
20	20.0	---	9.5	7.0	---	---	13.5	19.5	24.0	28.5	29.0	26.0
21	20.0	---	13.0	7.0	---	7.0	13.0	20.0	24.5	28.5	---	26.0
22	20.0	15.0	9.0	---	10.5	11.0	13.0	---	24.0	28.5	---	25.5
23	---	15.0	9.5	---	10.0	11.0	---	19.5	24.0	---	29.5	26.0
24	---	13.0	---	7.5	10.5	12.0	---	20.0	24.5	---	30.0	---
25	16.0	---	---	7.5	10.0	12.0	13.0	20.0	---	29.0	29.0	---
26	16.0	---	---	7.5	---	---	13.0	20.0	---	29.0	29.0	26.0
27	16.0	---	10.0	7.0	---	---	14.0	20.0	25.0	29.5	---	25.5
28	16.0	---	11.5	---	10.0	11.5	14.5	20.0	25.5	29.5	---	25.5
29	18.0	12.5	11.0	9.5	---	12.0	15.0	---	25.5	29.5	28.5	25.5
30	---	13.0	11.0	---	---	12.0	---	21.5	26.0	---	29.0	25.5
31	---	---	---	9.5	---	12.5	---	---	---	---	29.0	---

MISSISSIPPI RIVER DELTA

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	23	28	---	16	24	24	---	17	23	30	28
2	---	28	28	---	20	19	---	24	---	---	30	28
3	---	31	28	20	15	18	---	22	19	---	31	---
4	48	28	---	15	15	18	26	22	---	---	29	---
5	49	34	---	16	---	---	26	20	20	30	30	---
6	24	---	22	10	---	---	26	21	18	33	---	34
7	40	---	26	20	16	18	30	---	22	33	---	35
8	38	30	25	---	34	18	28	---	18	34	30	34
9	---	30	20	---	15	18	---	26	22	---	30	35
10	---	28	20	16	21	20	---	20	16	---	34	---
11	---	---	---	18	16	19	23	23	---	24	32	---
12	34	---	---	16	19	---	28	22	---	21	30	36
13	33	---	24	16	21	---	26	24	17	24	---	34
14	29	---	18	16	---	20	25	---	22	24	---	35
15	32	31	18	---	---	20	---	---	20	23	36	30
16	---	30	15	---	16	18	---	21	17	---	31	46
17	---	32	20	14	18	20	---	20	19	---	32	---
18	26	33	---	20	15	19	23	18	---	27	34	---
19	23	32	---	15	---	---	26	16	---	30	32	46
20	28	---	16	16	---	---	26	17	18	26	30	30
21	24	---	14	15	---	24	24	16	21	23	---	32
22	21	30	16	---	20	21	24	---	19	26	---	32
23	---	30	16	---	18	20	---	19	22	---	32	32
24	---	30	---	15	16	18	---	16	20	---	32	---
25	24	---	---	14	21	22	27	16	---	23	31	---
26	26	---	---	15	---	---	24	16	---	28	30	46
27	26	---	15	15	---	---	24	14	22	28	---	52
28	28	---	20	---	26	20	22	12	22	22	---	54
29	28	34	16	17	---	22	23	---	22	29	30	54
30	---	28	14	---	---	20	---	13	20	---	30	54
31	---	---	---	16	---	22	---	---	---	---	24	---

WATER-QUALITY DATA, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DATE	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
07...	61500	133	22100	95
21...	97000	169	44400	96
NOV				
18...	152000	690	283000	95
DEC				
02...	101000	219	59700	94
16...	135000	206	75000	79
30...	75200	117	23700	98
JAN				
15...	247000	415	276000	85
27...	147000	312	124000	95
FEB				
10...	350000	814	769000	89
24...	326000	379	333000	74
MAR				
10...	382000	341	352000	93
24...	312000	358	302000	83
APR				
09...	384000	379	393000	67
21...	320000	312	269000	84
MAY				
05...	264000	346	246000	89
JUN				
02...	241000	844	549000	96
16...	329000	712	632000	92
30...	325000	839	736000	88
JUL				
14...	237000	615	393000	90
28...	173000	475	222000	99
AUG				
11...	152000	349	143000	96
25...	146000	200	78900	86
SEP				
10...	172000	403	187000	86
22...	123000	244	81000	96

MISSISSIPPI RIVER DELTA

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07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20000	160000	66000	45000	285000	310000	394000	286000	509000	692000	239000	86000
2	20000	171000	60000	74000	340000	328000	394000	283000	548000	646000	245000	85000
3	19000	176000	59000	84000	425000	350000	392000	280000	555000	572000	251000	84000
4	20000	176000	60000	97000	500000	351000	390000	258000	554000	551000	239000	89000
5	19000	191000	54000	120000	564000	351000	388000	246000	561000	509000	221000	96000
6	20000	209000	57000	131000	627000	350000	391000	250000	559000	469000	197000	104000
7	22000	235000	58000	142000	671000	354000	393000	242000	561000	437000	177000	119000
8	23000	261000	68000	148000	710000	354000	396000	230000	592000	393000	167000	134000
9	23000	276000	76000	145000	735000	358000	392000	224000	634000	372000	163000	142000
10	26000	247000	75000	149000	768000	351000	391000	222000	661000	354000	143000	187000
11	27000	222000	75000	157000	739000	347000	388000	212000	663000	343000	143000	212000
12	26000	228000	84000	173000	707000	336000	385000	212000	684000	334000	130000	234000
13	27000	236000	83000	189000	683000	316000	364000	213000	674000	351000	123000	258000
14	30000	245000	84000	248000	640000	304000	350000	202000	665000	393000	114000	235000
15	30000	260000	83000	276000	606000	296000	334000	200000	651000	376000	108000	194000
16	30000	275000	75000	292000	591000	264000	314000	201000	632000	374000	103000	158000
17	31000	288000	70000	298000	583000	250000	303000	205000	650000	376000	98000	135000
18	32000	283000	65000	285000	535000	246000	294000	239000	665000	368000	105000	130000
19	30000	255000	64000	245000	504000	248000	284000	279000	687000	358000	105000	117000
20	32000	227000	59000	206000	472000	250000	258000	282000	703000	339000	94000	104000
21	44000	194000	44000	184000	442000	252000	269000	290000	722000	313000	90000	89000
22	74000	172000	43000	172000	410000	261000	274000	300000	735000	295000	83000	81000
23	85000	152000	42000	156000	364000	284000	259000	295000	782000	273000	78000	80000
24	76000	133000	43000	155000	333000	301000	268000	301000	796000	252000	75000	80000
25	75000	110000	50000	154000	325000	318000	273000	301000	785000	236000	79000	81000
26	82000	102000	48000	131000	316000	330000	277000	314000	783000	228000	83000	81000
27	130000	94000	47000	124000	315000	341000	277000	331000	792000	211000	92000	78000
28	137000	83000	47000	131000	312000	336000	278000	368000	794000	222000	96000	75000
29	142000	72000	38000	153000	---	331000	281000	414000	775000	223000	99000	70000
30	145000	67000	24000	243000	---	369000	285000	453000	735000	234000	99000	65000
31	152000	---	25000	251000	---	384000	---	484000	---	236000	91000	---
TOTAL	1649000	5800000	1826000	5358000	14502000	9821000	9936000	8617000	20107000	11330000	4130000	3683000
MEAN	53200	193000	58900	173000	518000	317000	331000	278000	670000	365000	133000	123000
MAX	152000	288000	84000	298000	768000	384000	396000	484000	796000	692000	251000	258000
MIN	19000	67000	24000	45000	285000	246000	258000	200000	509000	211000	75000	65000
WTR YR 1982	TOTAL	96759000		MEAN	265000	MAX	796000	MIN	19000			

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°41'26", long 91°44'10", in SW1/4NW1/4 sec.26, T.4 S., R.7 E., St. Helena Meridian, St. Landry-Pointe Coupee Parish line, Hydrologic Unit 08080101, at bridge on Texas and Pacific Railroad in Melville.

DRAINAGE AREA.--93,316 mi².

PERIOD OF RECORD.--Water years 1978 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1979 to September 1981.

WATER TEMPERATURES: May 1979 to September 1981.

COOPERATION.--Discharge measured at Atchafalaya River at Simmesport, La. (station 07381490) and furnished by the Corps of Engineers. Corps of Engineers station 03060.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 632 micromhos Oct. 8, 1981; minimum daily, 207 micromhos May 21, 1980.

WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 24, 1981; minimum daily, 5.5°C Feb. 7, 1980, Jan. 22, 1981.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- IDY (NTU)	SETTLE- ABLE MATTER (ML/L/ HR)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, CHFM- ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT												
20...	1030	124000	392	7.3	21.5	50	32	<1	8.3	48	1.2	500
NOV												
17...	1015	129000	481	7.6	13.5	15	25	<1	10.5	<10	2.2	2000
DEC												
15...	1015	437000	219	7.2	11.0	100	140	<1	9.4	39	1.0	2100
JAN												
26...	1030	--	176	7.2	7.0	60	90	<1	9.6	18	1.0	1000
FEB												
23...	1115	--	213	6.9	13.0	50	85	<1	10.1	16	1.8	410
MAR												
08...	1030	--	218	6.8	15.0	50	70	<1	9.1	14	--	380
APR												
19...	1040	457000	309	6.8	13.0	30	110	<1	9.7	12	3.4	K550
MAY												
17...	1030	--	287	7.1	19.5	20	70	<1	8.1	36	2.5	1000
JUN												
14...	0945	585000	282	7.0	24.0	30	55	<1	6.6	52	.7	2700
JUL												
08...	1015	228000	410	7.2	30.0	10	190	<1	6.1	32	.9	K600
AUG												
12...	1000	117000	506	7.9	30.5	5	28	<1	7.6	83	1.1	K70
SEP												
01...	0930	687000	510	7.7	30.5	10	9.0	<1	8.0	36	.9	820

DATE	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINEITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT										
20...	K68	990	130	35	11	23	4.0	109	46	22
NOV										
17...	180	1300	180	47	15	28	3.2	130	62	30
DEC										
15...	450	2200	84	23	6.5	9.7	3.1	62	26	12
JAN										
26...	190	800	60	16	4.8	9.3	2.3	48	17	12
FEB										
23...	58	300	73	20	5.4	11	2.2	57	23	15
MAR										
08...	150	1200	79	22	5.9	11	2.1	57	24	14
APR										
19...	K240	480	110	29	8.3	17	2.7	72	35	24
MAY										
17...	K85	600	110	30	8.7	11	2.7	77	35	14
JUN										
14...	80	620	110	30	8.0	11	2.4	77	31	16
JUL										
08...	K140	2700	140	39	11	25	3.1	98	44	35
AUG										
12...	66	84	190	50	16	29	3.5	142	57	34
SEP										
01...	66	K24	190	48	17	24	3.2	139	66	30

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

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

MISSISSIPPI RIVER DELTA

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07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	FLUO- HIOF- DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDED (MG/L)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)
OCT										
20...	.2	5.8	227	212	32	.78	.02	.8	.77	.10
NOV										
17...	--	--	--	--	1	1.38	.02	1.4	--	--
DEC										
15...	.1	8.5	148	143	202	.76	.04	.8	.75	.06
JAN										
26...	--	--	--	--	85	.63	.07	.7	--	--
FEB										
23...	.1	5.9	132	117	58	.74	.06	.8	.71	.15
MAR										
08...	--	--	--	--	114	.75	.05	.8	--	--
APR										
19...	.1	6.4	198	166	156	1.51	.09	1.6	1.6	.20
MAY										
17...	--	--	--	--	88	1.35	.05	1.4	--	--
JUN										
14...	.2	5.7	175	152	4	1.08	.02	1.1	1.1	.06
JUL										
08...	--	--	--	--	172	1.22	.08	1.3	--	--
AUG										
12...	.2	6.0	--	277	54	--	.01	--	1.6	<.01
SEP										
01...	--	--	--	--	4	--	<.01	.8	--	--

DATE	NITRO- GEN+AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BEHYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BF)
OCT										
20...	.6	.7	--	.21	.17	20	3	3	82	<10
NOV										
17...	--	.7	.17	--	--	--	3	3	--	<10
DEC										
15...	--	1.1	.32	.06	.06	--	2	1	--	--
JAN										
26...	--	.4	.16	--	--	--	3	1	--	10
FEB										
23...	.3	.3	.21	.05	.03	70	2	1	55	<10
MAR										
08...	--	.6	.16	--	--	--	2	1	--	<10
APR										
19...	1.2	1.0	.27	.07	.06	--	2	1	--	<10
MAY										
17...	--	.5	.18	--	--	--	2	1	--	<10
JUN										
14...	.5	.4	.27	.15	.06	30	2	1	81	<10
JUL										
08...	--	.6	.21	--	--	--	1	1	--	<10
AUG										
12...	.6	.3	.11	--	.09	10	3	2	130	<10
SEP										
01...	--	.5	.25	--	--	--	2	2	--	10

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

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	BERYLLIUM, DIS- SOLVED (UG/L AS BF)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, DIS- SOLVED (UG/L AS CR)	CHROMIUM, HEXA- VALENT, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)
OCT										
20...	<1	2	<1	10	<1	<1	<3	--	18	25
NOV										
17...	<1	<1	<1	10	--	<1	--	12	4	<3
DEC										
15...	<1	--	<1	--	--	--	--	--	1	290
JAN										
26...	<1	--	5	10	--	<1	--	8	5	110
FEB										
23...	1	1	1	40	<1	<1	3	14	10	130
MAR										
08...	<1	1	<1	10	--	<1	--	9	6	98
APR										
19...	1	2	1	20	--	<1	--	13	7	66
MAY										
17...	<1	1	1	10	--	1	--	7	6	17
JUN										
14...	<1	1	<1	10	4	<1	<3	17	<1	80
JUL										
08...	<1	8	<1	10	--	<1	--	9	5	44
AUG										
12...	<1	5	1	10	<1	<1	<3	11	6	11
SEP										
01...	<1	1	<1	20	--	<1	--	3	2	12

DATE	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DIS- SOLVED (UG/L AS PB)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGANESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYBDENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)
OCT										
20...	6	2	8	5	<.1	<.1	<10	6	3	<1
NOV										
17...	7	<1	--	--	<.1	<.1	--	6	<1	<1
DEC										
15...	--	1	--	--	.2	--	--	--	3	<1
JAN										
26...	1	<1	--	--	<.1	.1	--	12	4	<1
FEB										
23...	9	5	4	19	.3	.3	10	1	1	<1
MAR										
08...	11	4	--	--	<.1	.1	--	--	6	<1
APR										
19...	22	4	--	--	<.1	<.1	--	14	4	<1
MAY										
17...	33	11	--	--	<.1	<.1	--	12	10	<1
JUN										
14...	3	<1	7	8	<.1	<.1	<10	8	1	<1
JUL										
08...	11	5	--	--	.2	<.1	--	12	3	<1
AUG										
12...	12	1	9	3	.2	.2	<10	6	2	<1
SEP										
01...	5	4	--	--	<.1	<.1	--	2	2	1

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

MISSISSIPPI RIVER DELTA

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07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SILF- NIUM, DIS- SOLVED (UG/L AS SF)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	ZINC, DIS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L)
OCT 20...	<1	<1	170	<6	20	12	4.7	<.01	<1	<1
NOV 17...	<1	--	--	2	60	6	7.6	<.01	<1	2
DEC 15...	--	--	--	--	--	7	9.6	<.01	<1	<1
JAN 26...	<1	--	--	2	20	14	7.9	<.01	<1	<1
FEB 23...	<1	<1	110	6	70	13	6.4	<.01	2	<1
MAR 08...	<1	--	--	1	20	6	8.6	<.01	<1	<1
APR 19...	<1	--	--	<1	40	14	8.0	<.01	<1	<1
MAY 17...	<1	--	--	2	60	3	5.9	<.01	<1	<1
JUN 14...	<1	<1	140	<6	20	4	5.4	<.01	1	1
JUL 08...	<1	--	--	3	40	4	10	<.01	<1	<1
AUG 12...	<1	<1	260	<6	70	11	4.9	<.01	<1	4
SEP 01...	1	--	--	1	10	8	3.6	--	<1	<1

DATE	PCB, TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR, TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDF, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)	DI- ELDRIN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)
OCT 20...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	.002	<.001
NOV 17...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	.003	<.001
DEC 15...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	.002	<.001
JAN 26...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
FEB 23...	<.1	<.1	<.001	<.1	<.001	<.001	.003	<.01	<.001	<.001
MAR 08...	<.1	<.1	<.001	<.1	<.001	<.001	.004	.01	<.001	<.001
APR 19...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01	<.001	<.001
MAY 17...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
JUN 14...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
JUL 08...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
AUG 12...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001
SEP 01...	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001

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

MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)
OCT 20...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
NOV 17...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
DEC 15...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JAN 26...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
FEB 23...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
MAR 08...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
APR 19...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
MAY 17...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JUN 14...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JUL 08...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
AUG 12...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
SEP 01...	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
DATE	PARA- THION, TOTAL (UG/L)	PEM- THANE TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)
OCT 20...	<.01	<.1	<1	<.01	.02	<.01	.02	<.01	7.8	<.1
NOV 17...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	5.8	1.5
DEC 15...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	.8	<.1
JAN 26...	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	2.2	<.1
FEB 23...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	2.9	<.1
MAR 08...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	1.8	<.1
APR 19...	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01	2.8	<.1
MAY 17...	<.01	<.1	<1	<.01	.05	<.01	<.01	<.01	3.2	2.0
JUN 14...	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	4.3	<.1
JUL 08...	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	3.2	<.1
AUG 12...	<.01	<.1	<1	<.01	.01	<.01	.02	<.01	13.0	<.1
SEP 01...	<.01	<.1	<1	<.01	.01	<.01	.01	<.01	61.0	<.1

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

07381557 CHICOT PASS AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)

LOCATION.--Lat 29°53'40", long 91°26'46", T.13 S., R.10 E., St. Mary Parish, Hydrologic Unit 08080101, 5.0 mi east of Charenton and at mile 95.4.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-CORAL UNITS)	TURBIDITY (NTU)	SETTLABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMEDIATE (COLS./100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 14...	1200	390	7.2	24.0	20	45	<1	7.2	14	6.7	84	K160
JAN 18...	1130	201	7.2	8.5	60	60	<1	9.7	12	1.3	1200	84
APR 13...	1200	336	7.1	14.5	30	85	<1	9.7	23	--	300	90
JUL 06...	1445	331	7.5	28.5	20	70	<1	5.9	24	1.5	420	K30

DATE	HARDNESS (MG/L AS CAC03)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNESIUM DIS-SOLVED (MG/L AS MG)	SODIUM DIS-SOLVED (MG/L AS NA)	POTASSIUM DIS-SOLVED (MG/L AS K)	ALKALINITY FIELD AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLORIDE DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
OCT 14...	130	35	11	22	3.8	97	35	31	27	.87	.03
JAN 18...	78	21	6.1	8.5	2.6	58	19	9.2	135	.91	.09
APR 13...	110	31	9.0	17	2.8	77	38	25	214	1.6	.05
JUL 06...	130	36	10	18	3.1	91	39	23	174	1.3	.05

DATE	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)
OCT 14...	.9	--	.26	4	3	<10	<1	--	3	10	<1	9
JAN 18...	1.0	.3	.10	3	2	<10	<1	1	<1	10	<1	8
APR 13...	1.6	.9	.18	3	1	<10	<1	1	<1	20	<1	14
JUL 06...	1.3	.6	.22	3	2	<10	<1	3	1	20	<1	14

DATE	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DIS-SOLVED (UG/L AS SE)	VANADIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)
OCT 14...	3	35	7	<1	.6	.6	9	6	<1	<1	2	20
JAN 18...	7	140	--	12	.1	.2	9	3	<1	<1	2	50
APR 13...	5	68	38	4	.2	<.1	16	3	<1	<1	1	70
JUL 06...	3	45	15	2	<.1	<.1	13	3	1	<1	2	140

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

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

MISSISSIPPI RIVER DELTA

07381557 CHICOT PASS AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ZINC, DIS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIT- METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDO, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT 14...	13	4.1	<.01	3	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001
JAN 18...	45	10	<.01	<1	2	<.1	<.1	<.001	<.1	<.001	<.001	<.001
APR 13...	12	8.8	<.01	1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001
JUL 06...	33	8.3	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001

DATE	DI- AZINON, TOTAL (UG/L)	DI- FLORIN TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR FOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL (UG/L)
OCT 14...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN 18...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 13...	.04	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 06...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA- THION, TOTAL (UG/L)	PER- THANE, TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)
OCT 14...	<.01	<.01	<.1	<1	<.01	.01	<.01	.02	<.01	4.5	<.1
JAN 18...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	.8	<.1
APR 13...	<.01	<.01	<.1	<1	<.01	.07	<.01	<.01	<.01	2.4	<.1
JUL 06...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	3.8	<.1

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

MISSISSIPPI RIVER DELTA

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07381590 WAX LAKE OUTLET AT CALUMET, LA

LOCATION.--Lat 29°41'52", long 91°22'22", in lot 56, T.15 S., R.11 E., St. Mary Parish, Hydrologic Unit 08080101, at Southern Railways System Bridge, 160 ft downstream from State Highway 90, 0.4 mi downstream from Bayou Teche, 0.5 mi west of Calumet, and 9.8 mi west of Morgan City.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1973 to June 1975 (discharge measurements only), October 1976 to current year (elevations and discharge measurements only). Gage heights, May 1942 to September 1976 and discharge, 1942-46, 1949-55, and intermittently, 1957 to current year (collected in same vicinity) are in reports of Corps of Engineers, New Orleans district.

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

REMARKS.--Relief outlet for Atchafalaya basin; discharge and elevations are affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.80 ft June 6, 1983, minimum, -1.01 ft Jan. 17, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1942, 11.02 ft, present datum, May 27, 1973, minimum, -2.82 ft, present datum, Oct. 18, 1948 (from records of Corps of Engineers, New Orleans district).

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 7.80 ft June 6; minimum, -0.29 ft Oct. 23.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)
Oct. 12, 1982.....	48,000	Feb. 1.....	128,000	June 28.....	146,000
Oct. 27.....	43,400	Feb. 15.....	139,000	July 12.....	90,000
Nov. 9.....	35,700	Mar. 1.....	135,000	July 19.....	87,100
Nov. 16.....	56,000	May 10.....	178,000	Aug. 4.....	57,700
Dec. 16.....	155,000	May 24.....	209,000	Aug. 16.....	40,800
Jan. 11, 1983.....	202,000	June 3.....	218,000	Sept. 20.....	21,500
Jan. 25.....	155,000	June 14.....	210,000		

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.10	1.74	2.87	---	4.93	4.30	4.15	6.28	7.49	4.74	2.58	1.78
2	2.20	2.08	3.34	---	4.59	4.23	4.44	6.34	7.52	4.56	2.98	2.03
3	2.00	1.69	3.93	---	4.13	4.10	3.75	6.38	7.53	4.53	3.10	2.14
4	2.00	.30	3.65	---	3.90	4.24	3.72	6.21	7.57	4.38	2.79	2.57
5	2.00	1.22	3.86	---	3.95	4.57	4.25	6.17	7.62	4.17	2.55	2.69
6	2.50	1.72	3.91	---	4.24	4.37	4.15	6.18	7.65	3.88	2.55	3.21
7	2.40	1.48	3.78	---	3.92	4.26	4.54	6.29	7.67	3.68	2.73	2.54
8	2.50	1.66	3.73	---	4.00	4.16	4.55	6.07	7.53	3.62	2.75	2.30
9	2.70	1.62	3.79	---	4.08	4.06	4.44	6.08	7.52	3.65	2.74	2.32
10	2.60	1.51	3.98	---	4.47	3.75	4.49	6.40	7.49	3.75	2.50	2.21
11	1.90	1.63	4.40	---	4.25	3.73	4.55	6.15	7.48	3.73	2.47	1.80
12	2.40	1.77	4.14	6.50	4.60	3.74	4.71	6.15	7.43	3.50	2.16	1.91
13	2.00	.58	4.28	6.54	4.60	3.82	5.01	6.26	7.35	3.51	2.02	1.68
14	.36	1.65	4.67	6.49	4.50	3.91	5.38	6.32	7.31	3.35	1.70	1.39
15	.69	.90	4.91	6.51	4.70	4.14	5.11	6.34	7.16	3.40	1.74	1.44
16	.43	1.55	4.89	6.38	4.63	4.43	5.07	6.40	7.07	3.35	2.32	1.93
17	.34	1.59	4.98	6.39	4.42	4.33	5.22	6.30	6.96	3.25	2.71	1.95
18	.60	1.91	5.21	6.23	4.46	4.08	5.24	6.41	6.90	3.19	3.14	2.23
19	.72	1.66	5.26	6.10	4.39	4.07	5.24	6.58	6.81	3.02	2.25	2.32
20	.97	2.19	5.25	6.02	4.36	4.27	5.48	6.59	6.66	2.81	2.28	2.45
21	.30	1.99	5.49	5.89	4.47	3.88	5.61	6.73	6.42	2.68	2.14	1.42
22	.35	1.72	5.55	5.76	4.54	3.66	5.75	6.98	6.29	2.89	2.12	.48
23	.27	2.04	5.66	5.50	4.37	3.89	6.03	6.89	6.11	2.85	1.94	1.50
24	.49	1.50	5.79	5.21	4.29	4.11	5.84	6.92	5.93	2.62	2.03	1.39
25	.67	1.37	5.97	5.15	4.27	3.91	5.79	6.99	5.72	2.54	1.96	1.76
26	.70	1.93	6.05	4.99	4.17	4.31	5.95	7.04	5.69	2.25	1.59	2.19
27	1.53	1.93	---	4.83	4.29	4.30	6.08	7.14	5.63	2.00	1.89	2.26
28	1.76	1.88	---	4.59	4.42	3.79	6.06	7.18	5.42	1.86	2.40	2.13
29	1.73	2.04	---	4.69	---	3.77	6.15	7.23	5.22	2.21	1.86	2.32
30	1.83	2.45	---	4.43	---	4.01	6.21	7.31	5.01	2.30	1.62	2.34
31	1.75	---	---	4.39	---	4.02	---	7.42	---	2.34	1.57	---
MAX	2.70	2.45	---	---	4.93	4.57	6.21	7.42	7.67	4.74	3.14	3.21
MIN	.27	.30	2.87	4.39	3.90	3.66	3.72	6.07	5.01	1.86	1.57	.48

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to current year.

CHLORIDE-SURFACE: October 1974 to current year.

CHLORIDE-25 FT DEPTH: December 1980 to current year.

CHLORIDE-45 FT DEPTH: December 1980 to current year.

COOPERATION.--Chloride samples collected by the Corps of Engineers and analyzed by the Geological Survey. Samples are collected at the water surface and at 25-ft and 45-ft depths. Corps of Engineers station 03720.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 33.0°C July 20, 1978; minimum daily, 2.5°C Feb. 10, 11, 1978.

CHLORIDE-SURFACE: Maximum daily, 150 mg/L June 13, 14, 1977; minimum daily, 9.1 mg/L Apr. 15, 1976.

CHLORIDE-25 FT DEPTH: Maximum daily, 110 mg/L Nov. 5, 7, 8, 10, 11, 1981; minimum daily, 14 mg/L Feb. 1, May 23, 1983.

CHLORIDE-45 FT DEPTH: Maximum daily, 110 mg/L Mar. 8, Nov. 5, 7, 8, 10, 11, 1981; minimum daily, 14 mg/L Jan. 14, 28, 1983.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 32.0°C Sept. 1-9; minimum daily, 9.0°C Jan. 24-31, Feb. 3-8.

CHLORIDE-SURFACE: Maximum daily, 45 mg/L July 18; minimum daily, 13 mg/L May 27.

CHLORIDE-25 FT DEPTH: Maximum daily, 42 mg/L Sept. 19, 29; minimum daily, 14 mg/L Feb. 1, May 23.

CHLORIDE-45 FT DEPTH: Maximum daily, 43 mg/L Sept. 16; minimum daily, 14 mg/L Jan. 14, 28.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCTI- ANCE (UMHUS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	SETTLE- ABLE MATTER (ML/L/ HR)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT 27...	1100	43400	436	7.0	19.0	20	20	<1	8.7	16	1.1	450
NOV 16...	1000	56000	509	7.6	14.5	40	30	<1	9.7	11	1.0	260
DEC 16...	1000	155000	236	6.9	11.0	80	200	<1	8.6	45	1.7	760
JAN 11...	1230	202000	210	6.9	10.0	60	120	<1	9.2	15	1.3	800
FEB 01...	1000	128000	177	6.4	9.5	60	65	<1	9.8	25	1.4	260
MAR 01...	1145	135000	213	7.3	14.5	60	100	<1	9.2	18	1.0	320
MAY 10...	0915	178000	336	7.2	18.5	15	60	<1	7.9	29	1.1	K280
24...	1030	209000	286	7.0	21.5	30	120	<1	5.9	<10	.5	K90
JUN 14...	1000	210000	279	7.4	27.0	30	65	<1	5.6	38	.5	K550
JUL 19...	1100	87100	363	7.3	29.5	10	21	<1	6.1	33	.9	1000
AUG 04...	0930	57700	425	7.3	29.5	5	40	<1	7.6	24	.7	--
SEP 20...	1000	21500	510	7.5	28.5	5	10	<1	7.1	13	.6	410

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

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

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDED (MG/L)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)
OCT 27...	K15	160	42	13	27	3.6	113	52	24	60	.79	.01
NOV 16...	42	170	45	15	32	3.5	141	56	28	58	1.2	.06
DEC 16...	290	96	26	7.6	12	3.2	62	29	13	438	.75	.05
JAN 11...	140	76	21	5.7	8.2	2.3	55	22	9.8	224	.86	.04
FEB 01...	56	69	19	5.1	8.8	2.7	50	16	12	188	1.8	.05
MAR 01...	K55	72	20	5.3	11	2.4	54	22	15	304	.64	.06
MAY 10...	K35	130	36	10	14	2.4	90	38	20	94	1.9	.02
24...	K48	110	30	8.1	9.6	2.8	83	31	11	223	1.2	.06
JUN 14...	K18	110	31	8.1	11	2.4	77	29	17	42	.96	.04
JUL 19...	K18	130	36	10	19	3.0	100	40	25	224	1.6	.03
AUG 04...	24	160	43	13	20	3.3	121	45	25	29	1.9	.05
SEP 20...	51	170	44	15	32	3.3	131	66	37	16	.35	.15

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC DIS. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)	CHRO- MIUM, HEXA- VALENT, DIS. (UG/L AS CR)
OCT 27...	.8	--	.12	3	2	<10	<1	37	7	10	<1
NOV 16...	1.3	.8	.16	2	2	<10	<1	--	10	20	<1
DEC 16...	.8	.7	.14	3	2	<10	--	4	--	10	--
JAN 11...	.9	<.1	.81	3	1	<10	<1	2	<1	10	<1
FEB 01...	1.8	.4	.36	2	1	<10	<1	1	<1	20	<1
MAR 01...	.7	.9	.19	2	1	<10	<1	1	<1	10	<1
MAY 10...	1.9	.4	.10	2	1	<10	<1	4	<1	20	<1
24...	1.3	.8	.11	3	1	<10	<1	2	1	20	<1
JUN 14...	1.0	.6	.10	2	1	<10	<1	2	<1	10	<1
JUL 19...	1.6	.7	.26	3	1	<10	<1	1	<1	30	<1
AUG 04...	1.9	.6	.06	3	2	<10	<1	1	<1	10	<1
SEP 20...	.5	2.1	.08	5	2	<10	<1	<1	<1	<10	<1

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

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

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PR)	LEAD, DIS- SOLVED (UG/L AS PR)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, TOTAL (UG/L AS SE)
OCT 27...	58	14	16	28	2	.5	.3	6	3	<1
NOV 16...	28	11	14	12	1	<.1	<.1	10	1	<1
DEC 16...	32	1	--	17	1	.2	--	21	3	<1
JAN 11...	24	6	51	15	6	<.1	<.1	12	3	<1
FEB 01...	15	9	100	10	1	.2	<.1	18	5	<1
MAR 01...	26	12	120	13	4	.2	.3	2	1	<1
MAY 10...	20	6	32	19	3	<.1	<.1	17	2	<1
24...	39	18	40	38	<1	.1	.1	19	3	<1
JUN 14...	32	9	39	2	<1	.1	.1	11	3	<1
JUL 19...	14	5	15	29	8	.1	.2	32	2	<1
AUG 04...	31	7	13	10	1	.1	.1	5	3	<1
SEP 20...	42	5	8	11	5	<.1	<.1	1	1	1
DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	ZINC, DIS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV- GRAVI- METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)
OCT 27...	<1	8.8	50	12	6.2	.01	<1	<1	<.1	<.1
NOV 16...	<1	1.9	110	5	7.4	<.01	6	<1	<.1	<.1
DEC 16...	--	--	60	--	11	<.01	<1	<1	<.1	<.1
JAN 11...	<1	2.4	70	12	7.6	<.01	<1	6	<.1	<.1
FEB 01...	<1	2.6	40	6	9.1	<.01	<1	1	<.1	<.1
MAR 01...	<1	.8	30	16	7.5	<.01	1	<1	<.1	<.1
MAY 10...	<1	1.0	150	13	5.2	<.01	<1	<1	<.1	<.1
24...	<1	1.0	90	23	5.8	<.01	1	2	<.1	<.1
JUN 14...	<1	1.0	50	15	6.4	<.01	1	1	<.1	<.1
JUL 19...	<1	1.6	30	13	11	<.01	<1	<1	<.1	<.1
AUG 04...	<1	2.4	30	5	4.9	<.01	1	<1	<.1	<.1
SEP 20...	<1	1.0	20	5	3.1	<.01	2	<1	<.1	<.1

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

MISSISSIPPI RIVER DELTA

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07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ALDRIN, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)	DI- ELDRIN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)
OCT 27...	<.001	<.1	<.001	<.001	<.001	.01	<.001	<.001	<.001	<.01
NOV 16...	<.001	<.1	<.001	<.001	<.001	.01	.004	<.001	<.001	<.01
DEC 16...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01
JAN 11...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01
FEB 01...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01
MAR 01...	<.001	<.1	<.001	<.001	.003	.01	<.001	<.001	<.001	<.01
MAY 10...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01
24...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01
JUN 14...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01
JUL 19...	<.001	<.1	<.001	<.001	<.001	.01	<.001	<.001	<.001	<.01
AUG 04...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01
SEP 20...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01

DATE	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA- THION, TOTAL (UG/L)	PER- THANE TOTAL (UG/L)
OCT 27...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
NOV 16...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
DEC 16...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
JAN 11...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
FEB 01...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
MAR 01...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
MAY 10...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
24...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
JUN 14...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
JUL 19...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
AUG 04...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
SEP 20...	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1

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

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TOX- APHENE, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SEN. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 27...	<1	<.01	.02	<.01	.01	<.01	4.1	<.1	73	8590	100
NOV 16...	<1	<.01	.02	<.01	<.01	<.01	4.8	1.8	159	24000	98
DEC 16...	<1	<.01	.01	<.01	<.01	<.01	1.7	<.1	797	334000	82
JAN 11...	<1	<.01	--	--	--	--	.7	<.1	646	352000	56
FEB 01...	<1	<.01	.01	<.01	<.01	<.01	2.4	<.1	370	128000	89
MAR 01...	<1	<.01	.05	<.01	<.01	<.01	3.9	<.1	437	159000	85
MAY 10...	<1	<.01	.05	<.01	<.01	<.01	2.4	.6	262	126000	73
24...	<1	<.01	.03	<.01	<.01	<.01	1.3	<.1	417	235000	77
JUN 14...	<1	<.01	<.01	<.01	<.01	<.01	3.1	<.1	271	154000	71
JUL 19...	<1	<.01	.02	<.01	<.01	<.01	3.5	<.1	266	62500	98
AUG 04...	<1	<.01	--	--	--	--	4.6	<.1	92	14300	98
SEP 20...	<1	<.01	.04	<.01	.01	<.01	9.9	1.0	21	1220	100

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCF-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	20.0	16.0	---	10.0	12.0	13.0	16.0	23.0	27.0	31.0	32.0
2	24.0	21.0	16.0	11.0	10.0	13.0	13.0	16.0	23.0	27.0	31.0	32.0
3	24.0	20.0	16.0	11.0	9.0	13.0	13.0	16.0	23.0	27.0	31.0	32.0
4	24.0	18.0	16.0	11.0	9.0	13.0	13.0	16.0	24.0	28.0	31.0	32.0
5	25.0	18.0	16.0	11.0	9.0	13.0	14.0	17.0	24.0	28.0	31.0	32.0
6	25.0	17.0	16.0	12.0	---	13.0	14.0	17.0	24.0	29.0	31.0	32.0
7	25.0	17.0	16.0	12.0	9.0	13.0	14.0	18.0	24.0	29.0	31.0	32.0
8	25.0	17.0	16.0	12.0	9.0	14.0	14.0	18.0	24.0	29.0	31.0	32.0
9	25.0	17.0	16.0	12.0	10.0	14.0	14.0	---	24.0	29.0	31.0	32.0
10	25.0	17.0	16.0	12.0	10.0	14.0	14.0	18.0	24.0	29.0	31.0	31.0
11	25.0	17.0	16.0	11.0	10.0	13.0	14.0	19.0	24.0	29.0	31.0	31.0
12	25.0	17.0	---	11.0	10.0	13.0	14.0	20.0	24.0	30.0	31.0	30.0
13	23.0	15.0	13.0	11.0	10.0	13.0	14.0	20.0	24.0	30.0	---	29.0
14	23.0	15.0	13.0	11.0	10.0	13.0	14.0	20.0	24.0	30.0	---	29.0
15	24.0	15.0	13.0	11.0	10.0	14.0	14.0	20.0	24.0	30.0	---	29.0
16	24.0	---	12.0	10.0	10.0	13.0	14.0	20.0	24.0	30.0	31.0	30.0
17	24.0	15.0	12.0	11.0	10.0	13.0	14.0	21.0	24.0	30.0	31.0	30.0
18	24.0	15.0	12.0	10.0	10.0	13.0	---	21.0	24.0	30.0	31.0	30.0
19	24.0	15.0	12.0	10.0	10.0	13.0	14.0	21.0	24.0	30.0	31.0	29.0
20	23.0	16.0	12.0	10.0	10.0	13.0	14.0	21.0	25.0	30.0	31.0	29.0
21	23.0	16.0	12.0	10.0	10.0	13.0	14.0	21.0	25.0	30.0	31.0	29.0
22	22.0	16.0	12.0	10.0	10.0	---	14.0	---	25.0	30.0	31.0	28.0
23	---	16.0	12.0	---	11.0	13.0	14.0	21.0	25.0	30.0	31.0	26.0
24	22.0	16.0	12.0	9.0	11.0	13.0	14.0	22.0	25.0	30.0	31.0	---
25	20.0	16.0	13.0	9.0	11.0	13.0	14.0	22.0	26.0	31.0	31.0	26.0
26	20.0	16.0	13.0	9.0	11.0	13.0	15.0	23.0	26.0	31.0	31.0	26.0
27	20.0	16.0	13.0	9.0	---	13.0	15.0	22.0	26.0	31.0	31.0	27.0
28	20.0	16.0	13.0	9.0	11.0	13.0	16.0	23.0	26.0	31.0	31.0	27.0
29	20.0	16.0	12.0	9.0	---	13.0	16.0	23.0	26.0	31.0	31.0	27.0
30	20.0	16.0	---	9.0	---	13.0	16.0	23.0	26.0	31.0	31.0	27.0
31	20.0	---	12.0	9.0	---	13.0	---	23.0	---	---	31.0	---
MAX	25.0	21.0	16.0	12.0	11.0	14.0	16.0	23.0	26.0	31.0	31.0	32.0
MIN	20.0	15.0	12.0	9.0	9.0	12.0	13.0	16.0	23.0	27.0	31.0	26.0

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

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
SAMPLING DEPTH 5.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	26	32	---	---	21	20	20	16	20	22	31
2	24	26	30	16	16	20	20	21	14	20	28	28
3	30	26	30	15	18	24	24	24	17	21	28	30
4	29	26	30	16	16	21	24	26	20	20	20	22
5	26	26	27	16	16	21	22	24	18	20	26	34
6	26	26	24	15	---	22	23	26	20	20	21	31
7	26	26	26	14	16	24	23	22	20	23	25	30
8	26	29	25	14	18	22	23	23	18	32	30	30
9	28	28	26	16	16	20	21	---	18	36	25	30
10	27	28	22	15	16	30	24	23	18	34	30	34
11	26	32	27	18	17	23	20	22	19	32	30	37
12	32	30	---	16	16	26	22	21	20	24	30	36
13	26	30	21	15	14	23	24	23	20	24	---	36
14	26	30	23	14	16	22	24	22	19	26	---	35
15	26	25	18	15	16	21	26	24	20	30	---	35
16	28	---	19	16	16	20	24	---	18	28	28	36
17	31	31	20	16	18	20	24	21	17	30	28	30
18	33	30	19	15	18	20	---	21	16	45	34	32
19	30	32	16	16	19	20	22	17	18	25	32	34
20	31	30	20	15	19	17	25	18	17	30	30	36
21	29	33	16	14	19	20	22	16	17	26	30	34
22	26	31	14	14	22	---	22	---	20	27	32	35
23	---	36	17	---	20	16	22	22	20	26	36	36
24	30	34	16	16	20	17	22	14	18	25	33	---
25	26	34	16	15	20	20	22	16	20	26	30	35
26	30	31	16	14	22	20	20	14	17	30	34	36
27	30	36	18	15	---	25	22	13	19	24	36	41
28	29	37	16	14	21	16	22	16	15	26	32	34
29	30	34	20	14	---	20	22	16	22	28	32	40
30	25	30	---	14	---	16	22	18	18	24	26	32
31	24	---	16	---	---	19	---	14	---	---	30	---
MAX	33	37	32	18	22	30	26	26	22	45	36	41
MIN	24	25	14	14	14	16	20	13	14	20	20	22

SAMPLING DEPTH 25.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	28	38	---	14	24	22	23	19	22	28	35
2	34	33	36	16	20	24	22	24	16	22	27	32
3	30	28	31	16	20	26	26	24	18	22	30	35
4	32	28	32	16	20	22	24	18	22	21	38	34
5	32	28	27	16	18	25	26	23	18	20	27	38
6	28	28	26	16	---	24	24	24	20	22	28	34
7	26	28	26	16	18	24	25	24	18	16	26	31
8	26	32	26	20	18	27	26	24	18	34	30	30
9	30	30	---	16	17	26	22	---	18	35	26	31
10	28	31	24	16	16	26	24	24	18	32	31	35
11	28	32	28	22	18	23	26	22	20	19	32	38
12	30	34	---	16	18	25	26	22	20	26	30	36
13	28	35	21	16	16	24	25	23	20	26	---	40
14	28	31	28	15	16	23	28	22	20	26	---	38
15	30	26	21	16	16	28	28	24	---	31	---	36
16	30	---	20	16	17	20	26	19	19	28	32	41
17	37	32	21	16	24	20	25	21	22	31	36	31
18	36	34	22	16	20	20	---	21	23	35	36	34
19	35	32	18	16	20	20	23	20	19	24	33	42
20	34	32	16	15	22	18	28	21	20	26	32	40
21	30	34	18	---	22	21	24	15	20	34	34	36
22	28	33	17	15	24	---	24	---	20	28	34	36
23	---	40	18	---	22	20	24	14	20	26	37	38
24	30	30	18	16	23	20	24	20	21	26	32	---
25	28	36	18	16	21	22	24	20	21	28	32	36
26	30	33	16	17	27	20	22	20	22	26	32	39
27	30	32	18	16	---	26	24	16	22	26	37	36
28	30	39	18	16	22	18	24	15	16	28	34	40
29	31	32	20	16	---	22	23	16	22	28	33	42
30	27	36	---	16	---	21	24	18	21	29	30	38
31	26	---	18	---	---	20	---	16	---	---	34	---
MAX	37	40	38	22	27	28	28	24	23	35	38	42
MIN	26	26	16	15	14	18	22	14	16	16	26	30

MISSISSIPPI RIVER DELTA

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
SAMPLING DEPTH 45.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	31	34	---	16	26	20	22	20	22	28	34
2	37	30	38	17	16	26	29	20	16	23	27	35
3	30	31	31	16	16	26	26	24	18	18	28	34
4	32	30	32	16	20	25	24	22	20	20	31	32
5	30	32	31	18	20	24	26	22	19	20	26	36
6	30	30	30	16	---	28	26	23	21	24	28	32
7	27	31	29	18	18	24	28	24	18	30	28	30
8	34	32	30	16	20	28	28	23	20	36	32	30
9	31	31	26	16	19	30	24	---	18	34	26	32
10	30	32	26	16	16	29	24	24	19	34	22	32
11	28	33	28	24	18	28	28	24	16	24	33	36
12	28	30	---	16	18	26	26	22	20	26	31	36
13	30	34	21	16	16	28	31	23	20	25	---	40
14	28	31	28	14	15	26	28	---	20	30	---	38
15	35	28	20	16	18	27	26	22	20	33	---	42
16	32	---	22	16	18	20	26	22	22	34	33	43
17	38	34	26	16	21	21	22	21	16	30	24	31
18	42	36	20	16	24	21	---	22	24	41	35	34
19	40	36	19	16	18	21	29	20	20	30	35	40
20	36	33	19	16	20	20	29	17	20	32	37	36
21	35	34	17	16	22	20	24	24	20	29	36	35
22	30	35	17	17	24	---	22	---	20	29	37	36
23	---	36	20	---	25	21	23	20	20	29	34	34
24	30	36	16	16	26	20	24	16	20	26	35	---
25	28	39	18	20	22	21	28	20	18	23	35	34
26	30	36	17	20	27	22	24	17	20	32	34	40
27	30	37	18	19	---	25	26	18	18	26	35	40
28	30	42	19	14	26	24	23	16	24	31	35	40
29	30	40	18	16	---	20	23	16	19	28	32	40
30	33	38	---	---	---	20	22	17	22	28	37	36
31	28	---	18	---	---	19	---	22	---	---	35	---
MAX	42	42	38	24	27	30	31	24	24	41	37	43
MIN	26	28	16	14	15	19	20	16	16	18	22	30

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA
(National stream-quality accounting network station)

LOCATION.--Lat 29°41'47", long 91°12'39", on line between lots 1 and 6, St Mary Parish, Hydrologic Unit 08080101, near center of span on downstream side of Southern Railways System bridge at Morgan City, 0.3 mi downstream from U.S. Highway 90, 0.3 mi upstream from Bayou Boeuf, and 1.0 mi southwest of Morgan City High School.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1973 to September 1975 (discharge measurements only), October 1976 to current year (elevations and discharge measurements only). Gage heights, 1905 to December 1975 and discharge, intermittently, 1927 to December 1975 (collected in same vicinity) are in reports of Corps of Engineers, New Orleans district, and National Weather Service.

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

REMARKS.--Discharge and elevation affected by tide at all stages. Elevation for Mar. 31 to July 19, obtained from records of Corps of Engineers, New Orleans district.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.11 ft June 7, 1983, from Corps of Engineers records; minimum, -0.94 ft Nov. 29, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 28, 1973, reached an elevation of 10.53 ft, from incomplete record, discharge not determined. Maximum discharge observed during flood of June 8, 1927, 741,000 cfs. Minimum elevation, -5.44 Aug. 25, 1926 (affected by storm). All data from records of Corps of Engineers, New Orleans district.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 7.11 ft June 7, from Corps of Engineers records; minimum, 0.03 ft Nov. 4.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)	Date	Discharge (ft ³ /s)
Oct. 12, 1982.....	54,600	Feb. 1.....	190,000	June 28.....	211,000
Oct. 27.....	72,800	Feb. 15.....	205,000	July 12.....	142,000
Nov. 9.....	80,900	Mar. 1.....	191,000	July 19.....	136,000
Nov. 16.....	78,800	May 10.....	294,000	Aug. 3.....	112,000
Dec. 16.....	262,000	May 24.....	358,000	Aug. 16.....	73,000
Jan. 11, 1983.....	362,000	June 3.....	411,000	Sept. 22.....	52,600
Jan. 25.....	251,000	June 14.....	369,000		

ELEVATION (FEET NGVD) • WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.35	1.88	2.63	5.49	4.76	4.02	3.78	5.53	6.80	4.70	2.89	2.16
2	2.47	2.15	2.97	5.61	4.42	3.97	4.20	5.60	6.85	4.51	3.27	2.52
3	2.48	1.91	3.73	5.47	4.01	3.88	3.42	5.68	6.92	4.46	3.30	2.60
4	2.35	.63	3.42	5.55	3.88	3.97	3.38	5.48	7.00	4.28	3.09	2.99
5	2.41	1.32	3.46	5.56	3.93	4.21	3.86	5.42	7.00	4.04	3.02	2.96
6	2.87	1.72	3.38	5.56	4.01	4.00	3.65	5.43	7.08	3.82	2.92	3.52
7	2.44	1.51	3.25	5.66	3.88	3.93	4.00	5.60	7.11	3.54	3.06	2.94
8	2.73	1.64	3.17	5.72	3.88	3.84	4.00	5.49	7.02	3.46	3.08	2.65
9	2.89	1.58	3.18	5.86	3.86	3.83	3.99	5.40	7.00	3.35	3.03	2.67
10	2.61	1.56	3.38	5.80	4.18	3.88	4.01	5.51	7.00	3.49	2.80	2.42
11	1.93	1.70	3.76	5.90	3.93	3.88	4.05	5.51	7.00	3.34	2.61	2.16
12	2.35	1.90	3.54	5.75	4.00	3.88	4.20	5.55	6.94	3.15	2.33	2.28
13	1.86	.79	3.61	5.97	3.96	3.88	4.50	5.70	6.90	3.20	2.30	2.13
14	1.61	1.77	3.97	5.98	3.95	3.87	4.88	5.73	6.80	3.05	2.15	1.91
15	1.91	1.10	4.16	5.93	4.07	3.88	4.52	5.72	6.65	3.02	2.04	1.80
16	1.69	1.68	4.16	5.92	4.30	4.14	4.50	5.66	6.55	3.04	2.61	2.28
17	1.34	1.72	4.29	5.95	4.09	3.98	4.68	5.53	6.46	2.95	2.92	2.35
18	1.68	2.04	4.43	5.81	4.18	3.83	4.65	5.70	6.40	2.87	3.35	2.59
19	1.80	1.78	4.58	5.60	4.10	3.82	4.57	5.88	6.30	2.70	2.65	2.66
20	2.08	2.07	4.62	5.53	4.06	3.97	4.82	5.90	6.15	3.12	2.67	2.87
21	1.42	2.04	4.73	5.58	4.14	3.81	4.90	6.04	6.01	2.99	2.61	2.11
22	1.52	1.81	4.84	5.37	4.27	3.81	5.08	6.28	5.88	3.18	2.59	.90
23	1.36	2.07	4.94	5.16	4.07	3.82	5.46	6.16	5.72	3.18	2.37	1.79
24	1.50	1.74	5.13	4.96	4.02	3.82	5.21	6.20	5.52	2.95	2.41	1.82
25	1.73	1.40	5.32	4.91	4.04	3.82	5.15	6.38	5.40	2.85	2.18	2.13
26	1.78	1.87	5.33	4.75	3.95	3.96	5.33	6.40	5.41	2.59	1.96	2.61
27	1.61	1.92	5.51	4.64	4.00	4.07	5.41	6.48	5.43	2.32	2.22	2.64
28	1.83	1.91	5.65	4.41	4.19	3.75	5.42	6.52	5.25	2.20	2.77	2.59
29	1.83	2.02	5.46	4.50	---	3.75	5.48	6.62	5.12	2.44	2.28	2.79
30	1.92	2.28	5.42	4.32	---	3.76	5.49	6.69	4.90	2.56	2.06	2.78
31	1.88	---	5.55	4.31	---	3.71	---	6.80	---	2.57	1.93	---
MAX	2.89	2.28	5.65	5.98	4.76	4.21	5.49	6.80	7.11	4.70	3.35	3.52
MIN	1.34	.63	2.63	4.31	3.86	3.71	3.38	5.40	4.90	2.20	1.93	.90

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1973 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1978 to September 1981.

WATER TEMPERATURES: October 1976 to current year.

CHLORIDE-SURFACE: October 1974 to current year.

CHLORIDE-25 FT DEPTH: October 1980 to current year.

CHLORIDE-45 FT DEPTH: October 1980 to current year.

COOPERATION.--Chloride samples collected by the Corps of Engineers and analyzed by the Geological Survey.
 Samples are collected at the water surface and at 25-ft and 45-ft depths. Corps
 of Engineers station 03780.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 622 micromhos Jan. 21, 1981; minimum daily, 179 micromhos
Feb. 23, 1979.

WATER TEMPERATURES: Maximum daily, 32.0°C July 28, 1977; minimum daily, 4.0°C Feb. 9-11, 1978.

CHLORIDE-SURFACE: Maximum daily, 160 mg/L June 14-16, 1977; minimum daily, 11 mg/L Jan. 6, May 10, 1975.

CHLORIDE-25 FT DEPTH: Maximum daily, 120 mg/L Nov. 5, 1981; minimum daily, 16 mg/L Dec. 26, 29, 1982
many days during Jan., Feb. 8, 14, 1983.CHLORIDE-45 FT DEPTH: Maximum daily, 130 mg/L Dec. 9, 1981; minimum daily, 14 mg/L Jan. 26, Mar. 1,
May 27, 1983.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- CORAL UNITS)	TUR- BID- ITY (NTU)	SETTLE- ABLE MATTER (ML/L/ HR)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)
OCT 27...	1400	72800	425	7.2	19.0	30	22	<1	8.6	50	1.0
NOV 16...	1330	78800	526	7.5	15.0	20	35	<1	9.8	<10	.8
DEC 16...	1300	262000	239	7.2	14.0	80	180	<1	8.4	29	1.3
JAN 11...	1530	362000	211	6.9	11.0	80	120	<1	9.3	19	.9
FEB 01...	1400	190000	182	--	9.5	60	86	<1	9.7	26	1.2
MAR 01...	1500	191000	217	7.3	15.0	60	90	<1	9.0	20	.9
MAY 10...	1345	294000	332	6.9	19.0	15	60	<1	7.3	35	.5
24...	1500	358000	279	7.1	23.0	30	120	<1	5.7	<10	.4
JUN 14...	1600	369000	283	7.2	25.5	30	75	<1	6.3	37	.4
JUL 19...	1430	136000	393	7.2	30.5	15	220	<1	6.4	36	.2
AUG 03...	1100	112000	429	7.0	28.5	5	37	<1	6.6	53	.5
SEP 22...	0930	52600	521	7.2	25.0	5	10	<1	6.8	24	1.5

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

MISSISSIPPI RIVER DELTA

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07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	COLI- FORM, TOTAL, IMMFD. (COLS. PER 100 ML)	COLI- FORM, FFCAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLU- RIDE, DIS- SOLVED (MG/L AS CL)
OCT											
27...	280	K15	1400	150	41	12	28	3.6	114	58	27
NOV											
16...	K180	56	K180	170	44	15	36	3.5	136	58	38
DEC											
16...	660	K280	1000	88	24	6.8	12	3.1	63	28	12
JAN											
11...	400	K13	940	62	21	2.4	2.5	2.6	56	22	11
FEB											
01...	400	84	860	71	20	5.0	8.8	2.4	50	19	10
MAR											
01...	250	K450	--	73	20	5.6	13	2.3	58	23	16
MAY											
10...	400	K60	240	130	36	10	15	2.4	90	39	21
24...	K110	K60	700	110	30	8.2	10	2.6	80	33	12
JUN											
14...	K550	K30	540	110	30	8.0	11	2.4	75	37	15
JUL											
19...	310	K25	220	140	38	12	22	3.1	115	40	29
AUG											
03...	300	45	220	160	43	13	21	3.3	116	45	26
SEP											
22...	K150	K17	100	170	43	15	39	3.7	128	61	44

DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTIT- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDED (MG/L)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)
OCT										
27...	.2	6.2	--	244	<1	.79	.01	.8	.98	.08
NOV										
16...	--	--	--	--	18	1.28	.02	1.3	--	--
DEC										
16...	.1	6.8	152	134	534	.76	.04	.8	.77	.10
JAN										
11...	--	--	--	--	268	.92	.08	1.0	--	--
FEB										
01...	.1	6.1	129	101	196	.64	.06	.7	.74	.10
MAR										
01...	--	--	--	--	162	.54	.06	.6	--	--
MAY										
10...	.2	5.7	201	183	158	1.67	.03	1.7	1.7	.03
24...	--	--	--	--	218	1.25	.05	1.3	--	--
JUN										
14...	.2	5.7	178	157	62	.97	.03	1.0	1.1	.07
JUL										
19...	--	--	--	--	283	1.46	.04	1.5	--	--
AUG										
03...	.3	8.9	283	230	25	1.92	.08	2.0	2.3	.02
SEP										
22...	--	--	--	--	20	.34	.16	.5	--	--

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

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

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	NITRO- GEN+AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC DIS. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS RE)
OCT 27...	.5	.6	.12	.09	.08	10	3	2	100	<10
NOV 16...	--	.5	.17	--	--	--	3	3	--	<10
DEC 16...	--	1.3	.44	.05	.05	--	2	1	--	<10
JAN 11...	--	<.4	.40	--	--	--	3	1	--	<10
FEB 01...	.4	.4	.23	--	.06	20	3	1	57	<10
MAR 01...	--	.7	.14	--	--	--	2	1	--	<10
MAY 10...	.4	.5	.09	.09	.06	--	2	1	--	<10
24...	--	.6	.10	--	--	--	2	1	--	<10
JUN 14...	.5	.5	.28	.15	.09	40	2	2	91	<10
JUL 19...	--	.5	.28	--	--	--	3	2	--	<10
AUG 03...	.9	--	.25	--	.10	<10	--	3	98	<10
SEP 22...	--	1.2	.07	--	--	--	5	2	--	<10

DATE	BERYL- LIUM, DIS- SOLVED (UG/L AS RE)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CHRO- MIUM, HEXA- VALENT, DIS- (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)
OCT 27...	<1	8	7	10	<1	<1	<3	19	13	13
NOV 16...	<1	32	8	20	--	<1	--	34	10	9
DEC 16...	<1	4	<1	10	--	1	--	33	1	110
JAN 11...	<1	3	<1	20	--	<1	--	20	<10	160
FEB 01...	<1	1	<1	10	<1	1	<3	14	9	160
MAR 01...	<1	1	<1	30	--	<1	--	12	8	120
MAY 10...	<1	3	<1	20	--	<1	--	18	4	37
24...	1	2	1	20	--	<1	--	15	15	37
JUN 14...	<1	1	1	10	5	<1	<3	25	5	42
JUL 19...	<1	1	1	20	--	<1	--	16	5	18
AUG 03...	<1	3	<1	10	<1	<1	<3	11	8	8
SEP 22...	<1	<1	<1	10	--	<1	--	--	3	14

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

MISSISSIPPI RIVER DELTA

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07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	LEAD, TOTAL RECOV- ERABLE (UG/L AS PR)	LEAD, DIS- SOLVED (UG/L AS PR)	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, TOTAL (UG/L AS SE)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)
OCT 27...	8	3	9	3	.2	.1	<10	4	4	<1	<1
NOV 16...	21	2	--	--	<.1	<.1	--	9	3	<1	<1
DEC 16...	20	2	--	--	.1	.1	--	28	3	<1	<1
JAN 11...	17	<10	--	--	<.1	.2	--	15	6	<1	<1
FEB 01...	8	2	6	29	.4	<.1	<10	17	6	<1	<1
MAR 01...	11	4	--	--	1.2	<.1	--	1	1	<1	<1
MAY 10...	14	9	--	--	<.2	<.1	--	15	4	<1	<1
24...	11	<1	--	--	.1	.1	--	11	3	<1	<1
JUN 14...	5	2	6	23	.1	.1	<10	9	2	<1	<1
JUL 19...	27	7	--	--	.2	.2	--	33	8	<1	<1
AUG 03...	18	1	6	8	--	<.1	<10	14	2	--	<1
SEP 22...	8	3	--	--	<.1	<.1	--	1	1	<1	<1

DATE	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	ZINC, DIS- SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI- METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)
OCT 27...	<1	220	<6	40	5	5.1	<.01	<1	<1	<.1	<.1
NOV 16...	--	--	1	80	<4	7.9	<.01	2	<1	<.1	<.1
DEC 16...	--	--	8	80	4	11	<.01	<1	<1	<.1	<.1
JAN 11...	--	--	<6	60	10	7.6	<.01	<1	1	<.1	<.1
FEB 01...	<1	98	<6	30	8	9.0	<.01	5	1	<.1	<.1
MAR 01...	--	--	<1	40	11	7.3	<.01	<1	<1	<.1	<.1
MAY 10...	--	--	<1	60	9	--	<.01	<1	<1	<.1	<.1
24...	--	--	<1	60	6	6.6	<.01	1	1	<.1	<.1
JUN 14...	<1	140	7	40	13	5.6	<.01	1	1	<.1	<.1
JUL 19...	--	--	1	30	7	11	<.01	<1	<1	<.1	<.1
AUG 03...	2	200	<6	30	4	3.9	<.01	<1	3	<.1	<.1
SEP 22...	--	--	1	20	5	3.7	<.01	<1	<1	<.1	<.1

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

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ALDRIN, TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)	DI- FLDRIN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)
OCT 27...	<.001	<.1	<.001	<.001	<.001	.01	.001	<.001	<.001	<.01	<.001
NOV 16...	<.001	<.1	<.001	<.001	<.001	.01	.003	<.001	<.001	<.01	<.001
DEC 16...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
JAN 11...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
FEB 01...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
MAR 01...	<.001	<.1	<.001	<.001	.002	.01	<.001	<.001	<.001	<.01	<.001
MAY 10...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
24...	<.001	<.1	<.001	<.001	<.001	<.01	.003	<.001	<.001	<.01	<.001
JUN 14...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
JUL 19...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
AUG 03...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001
SEP 22...	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.001

DATE	HEPTA- CHLOR FPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA- THION, TOTAL (UG/L)	PER- THANE TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)
OCT 27...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
NOV 16...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
DEC 16...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
JAN 11...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
FEB 01...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
MAR 01...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
MAY 10...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
24...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
JUN 14...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
JUL 19...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
AUG 03...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1
SEP 22...	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1	<1

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

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TOTAL TRI- THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 27...	<.01	.04	<.01	.02	<.01	7.7	.8	120	23600	100
NOV 16...	<.01	.05	<.01	<.01	<.01	3.8	1.9	144	30600	100
DEC 16...	<.01	<.01	<.01	<.01	<.01	.9	<.1	981	694000	74
JAN 11...	<.01	--	--	--	--	.7	<.1	627	613000	40
FEB 01...	<.01	.03	<.01	<.01	<.01	1.7	<.1	285	146000	83
MAR 01...	<.01	.04	<.01	<.01	<.01	2.7	<.1	371	192000	79
MAY 10...	<.01	.07	<.01	<.01	<.01	1.7	<.1	265	211000	60
24...	<.01	.04	<.01	<.01	<.01	1.6	<.1	435	420000	74
JUN 14...	<.01	.04	<.01	<.01	<.01	2.5	<.1	271	270000	66
JUL 19...	<.01	.01	<.01	<.01	<.01	2.9	<.1	268	98300	99
AUG 03...	<.01	.01	<.01	.01	<.01	3.8	<.1	67	20400	99
SEP 22...	<.01	.02	<.01	.01	<.01	6.3	1.0	22	3070	100

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	19.0	15.0	---	---	11.5	---	---	---	27.0	29.5	31.0
2	---	19.0	---	---	---	11.5	---	17.5	23.0	---	29.5	30.0
3	---	19.0	---	9.0	---	11.5	---	18.0	24.0	---	29.5	---
4	---	---	---	9.5	---	11.5	14.0	17.5	---	28.0	29.0	---
5	24.0	17.0	---	9.5	---	---	14.5	17.5	---	28.0	29.0	---
6	24.0	---	---	10.0	---	---	14.5	---	---	---	---	30.0
7	---	---	16.0	10.0	9.5	14.0	14.5	---	23.5	27.5	---	---
8	26.0	17.0	16.0	---	9.5	14.0	---	---	23.5	28.0	29.0	29.0
9	---	17.0	---	---	9.5	14.0	---	19.0	23.5	---	29.0	28.5
10	---	17.0	---	10.5	---	---	---	---	---	---	29.5	28.5
11	24.0	---	---	10.0	9.5	14.5	14.5	---	---	27.5	30.0	---
12	24.0	---	---	---	---	---	14.0	19.5	---	28.0	30.0	29.0
13	23.0	---	12.0	---	---	---	14.5	20.0	---	28.0	---	28.5
14	23.0	---	12.0	---	9.5	14.5	14.5	---	24.5	---	---	28.5
15	23.0	15.0	13.0	---	9.5	14.5	---	---	24.5	28.0	29.0	28.5
16	---	15.0	13.0	---	---	14.5	---	20.0	---	---	30.0	---
17	---	16.0	12.0	10.0	9.5	14.5	---	20.5	24.5	---	30.0	---
18	22.0	16.0	---	10.0	10.5	13.5	15.0	21.0	24.5	28.0	30.0	---
19	22.0	---	---	---	---	---	14.5	21.0	---	28.0	30.0	27.5
20	22.0	---	10.0	---	---	---	14.5	21.0	25.0	28.0	---	28.0
21	---	---	11.0	---	10.5	14.0	14.5	---	24.5	28.5	30.5	27.5
22	---	16.0	11.0	---	12.0	14.5	15.0	---	25.0	29.0	---	25.0
23	---	16.0	12.0	---	12.0	---	---	21.0	25.5	---	30.0	25.0
24	---	16.0	11.0	9.0	12.0	13.5	---	22.0	25.5	---	---	---
25	25.0	---	---	9.0	12.0	---	15.0	22.0	---	29.0	30.0	---
26	19.0	---	14.0	8.0	---	---	15.5	22.0	---	29.0	---	26.0
27	19.0	---	---	9.0	---	---	16.0	22.0	25.5	---	---	26.0
28	19.0	---	---	9.0	11.5	13.5	16.5	---	26.0	---	30.0	25.5
29	19.0	15.0	13.0	---	---	13.5	---	---	26.0	29.5	---	26.0
30	---	---	13.0	---	---	---	---	22.5	---	---	30.0	25.0
31	---	---	---	10.5	---	14.0	---	23.0	---	---	30.0	---

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

MISSISSIPPI RIVER DELTA

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
SAMPLING DEPTH 5.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	27	34	---	---	18	---	---	---	26	28	46
2	---	26	---	---	---	20	---	24	19	---	28	55
3	---	30	---	16	---	19	---	28	18	---	30	---
4	24	---	---	16	---	19	24	24	---	21	28	---
5	24	40	---	17	---	---	24	21	---	22	26	---
6	24	---	---	16	---	---	24	---	---	---	---	50
7	---	---	33	16	14	26	26	---	20	25	---	---
8	34	29	30	---	16	18	---	---	20	30	30	60
9	---	31	---	---	16	20	---	24	20	---	30	58
10	---	30	---	14	---	---	---	---	---	---	34	60
11	30	---	---	15	18	19	26	---	---	26	34	---
12	30	---	---	---	---	---	24	26	---	22	42	48
13	30	---	22	---	---	---	24	21	---	26	---	56
14	30	---	21	---	16	19	24	---	16	---	---	64
15	30	29	21	---	16	20	---	---	20	30	35	66
16	---	46	20	---	---	21	---	21	---	---	31	---
17	---	34	18	16	16	16	---	16	19	---	36	---
18	35	34	---	16	16	18	22	20	20	46	36	---
19	39	---	---	---	---	---	22	18	---	40	37	70
20	38	---	18	---	---	---	26	20	21	41	---	58
21	---	---	18	---	16	17	26	---	21	34	45	65
22	---	30	19	---	18	20	26	---	20	30	---	56
23	---	28	16	---	20	---	---	16	16	---	41	53
24	---	40	16	16	16	20	---	15	20	---	34	---
25	30	---	---	14	20	---	26	21	---	34	46	---
26	38	---	15	14	---	---	24	14	---	30	---	51
27	31	---	---	14	---	---	25	18	20	---	---	50
28	28	---	---	16	19	18	22	---	22	---	34	54
29	30	34	16	---	---	19	---	---	22	32	---	51
30	---	---	16	---	---	---	---	18	---	---	34	50
31	---	---	---	14	---	18	---	18	---	---	34	---

SAMPLING DEPTH 25.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	28	36	---	---	20	---	---	---	---	---	---
2	---	27	---	---	---	24	---	26	18	---	---	---
3	---	32	---	16	---	19	---	27	21	---	---	---
4	25	---	---	16	---	18	---	24	---	---	---	---
5	26	40	---	18	---	---	26	30	---	---	---	---
6	27	---	---	16	---	---	26	---	---	---	---	---
7	---	---	---	16	17	23	28	---	20	---	---	---
8	36	30	32	---	16	18	---	---	21	---	---	---
9	---	34	---	---	20	20	---	26	---	---	---	---
10	---	31	---	16	---	---	---	---	---	---	---	---
11	34	---	---	16	18	20	30	---	---	---	---	---
12	30	---	---	---	---	---	26	27	---	---	---	---
13	32	---	---	---	---	---	27	22	---	---	---	---
14	30	---	22	---	16	20	22	---	---	---	---	---
15	29	31	22	---	17	---	---	---	---	---	---	---
16	---	54	21	---	---	18	---	21	---	---	---	---
17	---	32	18	16	18	20	---	19	---	---	---	---
18	40	39	---	16	20	20	24	20	---	---	---	---
19	37	---	---	---	---	---	28	20	---	---	---	---
20	32	---	18	---	---	---	28	20	---	---	---	---
21	---	---	18	---	20	19	28	---	---	---	---	---
22	---	32	19	---	23	22	26	---	---	---	---	---
23	---	34	18	---	21	---	---	19	---	---	---	---
24	---	40	18	---	18	20	---	20	---	---	---	---
25	31	---	---	16	20	---	25	18	---	---	---	---
26	34	---	16	16	---	---	25	17	---	---	---	---
27	32	---	---	16	---	---	24	18	---	---	---	---
28	31	---	---	16	18	21	23	---	---	---	---	---
29	33	37	16	---	---	22	---	---	---	---	---	---
30	---	---	18	---	---	---	---	18	---	---	---	---
31	---	---	---	16	---	22	---	17	---	---	---	---

MISSISSIPPI RIVER DELTA

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07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
SAMPLING DEPTH 45.00 (FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	30	38	---	---	14	---	---	---			
2	---	28	---	---	---	30	---	24	19			
3	---	35	---	18	---	22	---	22	17			
4	26	---	---	16	---	19	28	22	---			
5	30	42	---	18	---	---	26	26	---			
6	28	---	---	16	---	---	30	---	---			
7	---	---	39	17	16	22	36	---	20			
8	39	30	34	---	18	18	---	---	20			
9	---	31	---	---	21	21	---	25	---			
10	---	32	---	17	---	---	---	---	---			
11	31	---	---	17	22	22	31	---	---			
12	34	---	---	---	---	---	26	24	---			
13	34	---	26	---	---	---	30	22	---			
14	34	---	19	---	16	22	30	---	---			
15	30	32	23	---	20	23	---	---	---			
16	---	58	19	---	---	16	---	24	---			
17	---	34	20	16	16	24	---	22	---			
18	50	34	---	17	16	22	33	20	---			
19	38	---	---	---	---	---	28	17	---			
20	34	---	23	---	---	---	26	20	---			
21	---	---	19	---	20	20	30	---	---			
22	---	34	21	---	22	21	25	---	---			
23	---	37	18	---	18	---	---	19	---			
24	---	38	18	---	19	22	---	20	---			
25	34	---	---	18	22	---	26	20	---			
26	34	---	18	14	---	---	25	16	---			
27	33	---	---	16	---	---	26	14	---			
28	32	---	---	15	20	21	24	---	---			
29	38	36	17	---	---	20	---	---	---			
30	---	---	18	---	---	---	---	16	---			
31	---	---	---	16	---	22	---	20	---			

MISSISSIPPI RIVER DELTA

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA
(National stream-quality accounting network station)

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, Hydrologic Unit 08080102, on right bank of concrete lock and dam, 3.5 mi south of St. Martinville, and 11 mi upstream from Loreauville Canal.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1959 to current year. Daily gage heights since July 1913 in reports of Corps of Engineers.

GAGE.--Water-stage recorder and concrete dam. Datum of gage is mean low Gulf level or 0.78 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaisses floodgates and to or from West Atchafalaya Floodway through Big D'Arbonne Bayou Culvert and since April 1956 through Bayou Courtableau Drainage Structure. Since April 1952, floodflow is diverted from Bayou Rapides (drainage area, 76.1 mi²) into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Teche-Vermilion fresh water diversion operational during the year anytime the flow in Bayou Courtableau does not bypass by way of Courtableau weirs near Krotz Springs. Dependent upon its gradient, Bayou Fusilier interchanges flow between Bayou Teche and Vermilion River. Water from irrigation is diverted through Ruth Canal (Station 07386700) into Vermilion River. Crest of dam raised from 8.0 ft to 9.47 ft in June 1957.

AVERAGE DISCHARGE.--24 years, 501 ft³/s, 363,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft³/s Sept. 5, 1973, maximum gage height, 15.59 ft Oct. 4, 1964; minimum discharge, no flow Aug. 10-29, 1962, June 12-16, 1963, July 24, 1964, July 21, 1972.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since July 1913, 24.30 ft May 27, 1927; minimum, 0.75 ft July 18, 1918.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 2,290 ft³/s Dec. 27; minimum daily discharge, 63 ft³/s May 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	360	108	544	2030	1170	502	367	485	717	536	296	179
2	331	122	382	1860	959	469	353	453	679	485	331	200
3	296	122	865	1720	886	453	303	218	633	421	717	206
4	262	117	1830	1600	815	527	289	159	597	382	717	218
5	237	117	1110	1500	1100	679	338	145	544	345	570	212
6	224	126	991	1390	1250	624	1070	131	527	519	510	212
7	310	140	876	1300	1050	633	1540	140	510	570	445	405
8	485	145	746	1220	959	615	1330	135	453	437	360	230
9	461	150	670	1180	959	588	1230	108	429	331	353	164
10	360	154	579	1150	1100	553	1120	113	405	224	390	140
11	269	150	527	1100	938	527	1020	122	367	135	398	174
12	282	122	461	1050	855	485	917	140	353	95	485	179
13	237	159	390	1000	765	437	845	145	338	140	510	126
14	184	159	338	981	707	413	876	145	338	224	477	117
15	174	164	421	959	765	437	755	169	317	230	429	108
16	206	169	375	928	765	421	707	206	324	190	390	113
17	230	174	317	907	726	367	698	195	437	164	367	108
18	230	190	249	785	679	345	679	164	536	169	345	113
19	218	230	206	445	597	324	651	63	445	174	338	145
20	212	317	150	1150	561	353	651	296	413	206	310	398
21	200	493	117	907	579	310	633	876	353	224	262	405
22	195	597	154	835	527	282	642	1500	338	140	218	367
23	190	570	510	795	502	413	660	1190	398	256	169	310
24	179	477	561	736	493	726	579	1140	445	269	131	296
25	164	453	588	707	502	624	536	1090	461	243	122	303
26	154	477	1600	624	477	624	527	1010	493	237	317	282
27	150	642	2290	570	485	615	519	949	536	230	324	262
28	126	938	2240	493	536	570	519	949	805	224	131	224
29	122	907	1910	421	---	502	502	896	707	230	126	190
30	117	917	1800	375	---	469	493	825	597	249	145	154
31	113	---	1860	445	---	445	---	765	---	184	154	---
TOTAL	7278	9606	25657	31163	21707	15332	21349	14922	14495	8463	10837	6540
MEAN	235	320	828	1005	775	495	712	481	483	273	350	218
MAX	485	938	2290	2030	1250	726	1540	1500	805	570	717	405
MIN	113	108	117	375	477	282	289	63	317	95	122	108
AC-FT	14440	19050	50890	61810	43060	30410	42350	29600	28750	16790	21500	12970

CAL YR 1982 TOTAL 164161 MEAN 450 MAX 2290 MIN 50 AC-FT 325600
WTR YR 1983 TOTAL 187349 MEAN 513 MAX 2290 MIN 63 AC-FT 371600

MISSISSIPPI RIVER DELTA

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07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

GAUGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.24	9.81	10.47	11.80	11.08	10.42	10.25	10.40	10.66	10.46	10.37	9.96
2	10.20	9.84	10.27	11.63	10.90	10.38	10.23	10.36	10.62	10.40	10.20	10.00
3	10.15	9.84	10.72	11.53	10.83	10.36	10.16	10.03	10.57	10.32	10.65	10.01
4	10.09	9.83	11.60	11.44	10.76	10.45	10.14	9.92	10.53	10.27	10.66	10.03
5	10.06	9.83	11.04	11.36	11.00	10.62	10.21	9.89	10.47	10.22	10.50	10.02
6	10.04	9.85	10.93	11.27	11.15	10.56	10.97	9.87	10.45	10.44	10.43	10.02
7	10.16	9.88	10.82	11.20	10.98	10.57	11.39	9.88	10.43	10.50	10.35	10.28
8	10.40	9.89	10.69	11.13	10.90	10.55	11.22	9.87	10.36	10.34	10.24	10.05
9	10.37	9.90	10.61	11.10	10.90	10.52	11.14	9.80	10.33	10.20	10.23	9.93
10	10.24	9.91	10.51	11.07	11.03	10.48	11.05	9.82	10.30	10.04	10.28	9.88
11	10.11	9.90	10.45	11.03	10.88	10.45	10.96	9.84	10.25	9.87	10.29	9.95
12	10.12	9.94	10.37	10.98	10.80	10.40	10.86	9.88	10.23	9.78	10.39	9.95
13	10.05	9.92	10.28	10.94	10.71	10.34	10.79	9.89	10.21	9.88	10.43	9.85
14	9.97	9.92	10.21	10.92	10.65	10.31	10.83	9.89	10.21	10.04	10.39	9.83
15	9.95	9.93	10.31	10.90	10.71	10.34	10.69	9.94	10.18	10.05	10.33	9.81
16	10.01	9.94	10.26	10.87	10.71	10.31	10.65	10.01	10.19	9.97	10.28	9.82
17	10.05	9.95	10.18	10.85	10.67	10.25	10.64	9.99	10.33	9.93	10.25	9.81
18	10.05	9.98	10.08	10.73	10.62	10.22	10.62	9.92	10.46	9.94	10.22	9.82
19	10.03	10.05	10.01	10.35	10.53	10.19	10.58	9.67	10.35	9.95	10.21	9.88
20	10.02	10.18	9.90	11.06	10.49	10.23	10.59	10.12	10.31	10.00	10.17	10.29
21	10.00	10.41	9.83	10.85	10.50	10.17	10.57	10.81	10.23	10.03	10.10	10.30
22	9.99	10.53	9.89	10.78	10.45	10.13	10.58	11.35	10.21	9.88	10.03	10.25
23	9.98	10.50	10.43	10.74	10.42	10.29	10.60	11.11	10.29	10.09	9.94	10.17
24	9.96	10.39	10.49	10.68	10.41	10.66	10.51	11.06	10.35	10.11	9.86	10.15
25	9.93	10.36	10.52	10.65	10.42	10.56	10.46	11.02	10.37	10.07	9.84	10.15
26	9.91	10.39	11.35	10.56	10.39	10.56	10.45	10.95	10.41	10.06	10.18	10.13
27	9.89	10.57	12.40	10.50	10.40	10.55	10.44	10.89	10.45	10.05	10.19	10.10
28	9.85	10.88	11.89	10.41	10.46	10.49	10.43	10.89	10.75	10.04	9.86	10.04
29	9.84	10.85	11.67	10.32	---	10.42	10.42	10.84	10.65	10.05	9.85	9.98
30	9.83	10.86	11.59	10.26	---	10.38	10.41	10.77	10.53	10.08	9.89	9.91
31	9.82	---	11.63	10.34	---	10.35	---	10.71	---	10.09	9.91	---
MAX	10.40	10.88	12.40	11.80	11.15	10.66	11.39	11.35	10.75	10.50	10.66	10.30
MIN	9.82	9.81	9.83	10.26	10.39	10.13	10.14	9.67	10.18	9.78	9.84	9.81

MISSISSIPPI RIVER DELTA

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966-67, 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to September 1981.

WATER TEMPERATURES: October 1974 to September 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 522 micromhos July 22, 1980; minimum daily, 39 micromhos May 19, 1980.

WATER TEMPERATURES: Maximum daily, 36.0°C July 8, 1980; minimum daily, 3.5°C Jan. 19, 1977.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	DIS- CHARGE, IN CURT FEET PER SECOND	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD) (UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COHALT (UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 15...	1200	174	218	7.5	23.5	60	15	4.0	2.2	K70	400
JAN 12...	1200	1050	65	7.1	12.0	100	65	7.9	1.8	K450	13000
APR 12...	1100	926	71	6.1	19.0	120	90	7.5	1.8	260	2000
JUL 01...	1030	542	97	6.1	27.0	120	170	4.8	1.4	620	4000

DATE	HARD- NESS (MG/L AS CaCO3)	CALCIUM DIS- SOLVED (MG/L AS Ca)	MAGNE- SIUM, DIS- SOLVED (MG/L AS Mg)	SODIUM, DIS- SOLVED (MG/L AS Na)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CaCO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS Cl)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 15...	63	15	6.1	15	5.8	61	16	24	.1	12
JAN 12...	27	6.5	2.5	3.9	2.7	25	8.8	2.2	<.1	7.5
APR 12...	23	5.6	2.2	4.1	2.4	20	10	4.7	<.1	5.0
JUL 01...	27	6.7	2.5	6.7	2.7	21	9.5	8.3	.2	7.2

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN+AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS Al)	ARSENIC DIS- SOLVED (UG/L AS As)
OCT 15...	--	131	.42	.17	.7	.43	.40	.38	60	3
JAN 12...	54	49	.17	.08	.4	.29	.26	.25	10	3
APR 12...	59	46	.27	.17	.9	.27	.14	.13	190	1
JUL 01...	82	60	.67	.19	1.0	.31	.18	.18	30	2

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

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

MISSISSIPPI RIVER DELTA

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07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CORALIT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LITHIUM DIS- SOLVED (UG/L AS LI)
OCT 15...	80	<1	1	<1	<3	9	240	<1	<4
JAN 12...	34	<1	<1	--	<3	10	380	17	<4
APR 12...	66	<1	<1	<1	<3	6	230	7	<4
JUL 01...	55	<1	<1	<1	<3	10	160	3	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 15...	50	<.1	10	6	<1	<1	90	<6	14
JAN 12...	39	2.4	<10	5	<1	1	31	<6	45
APR 12...	18	<.1	<10	2	<1	<1	32	<6	14
JUL 01...	73	<.1	<10	2	<1	<1	37	<6	14

DATE	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 15...	70	.95	86
JAN 12...	34	96	93
APR 12...	118	295	86
JUL 01...	165	241	95

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

MISSISSIPPI RIVER DELTA

295325091313000 BAYOU TECHE AT CHARENTON, LA (CE 64380)

LOCATION.--Lat 29°53'25", long 91°31'30", T.13 S., R.9 E., St. Mary Parish, Hydrologic Unit 08080102, 0.5 mi north of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to November 1978, October 1980 to current year.

CHLORIDE: October 1974 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 37.0°C Aug. 3, 4, 7, 1983; minimum daily, 0.0°C Jan. 20, 1983.

CHLORIDE: Maximum daily, 1,500 mg/L Oct. 30, 1976; minimum daily, 5.0 mg/L Apr. 13, 24, 25, May 9, June 2, 1980.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 37.0°C Aug. 3, 4, 7; minimum daily, 0.0°C Jan. 20.

CHLORIDE: Maximum daily, 91 mg/L Sept. 23; minimum daily, 7.0 mg/L Jan. 13.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.0	12.0	8.0	3.0	5.0	3.0	7.0	24.0	26.0	30.0	36.0	35.0
2	14.0	12.0	8.0	3.0	2.0	5.0	7.0	25.0	26.0	30.0	35.0	33.0
3	14.0	10.0	8.0	4.0	2.0	8.0	5.0	23.0	28.0	30.0	37.0	33.0
4	14.0	4.0	10.0	3.0	2.0	8.0	6.0	22.0	28.0	30.0	37.0	31.0
5	15.0	4.0	7.0	3.0	2.0	8.0	6.0	25.0	28.0	30.0	36.0	30.0
6	14.0	4.0	7.0	3.0	3.0	9.0	7.0	25.0	26.0	30.0	36.0	27.0
7	15.0	4.0	6.0	3.0	1.0	10.0	8.0	23.0	26.0	30.0	37.0	26.0
8	14.0	5.0	6.0	4.0	2.0	11.0	8.0	23.0	27.0	30.0	35.0	26.0
9	15.0	8.0	6.0	5.0	4.0	10.0	9.0	24.0	27.0	30.0	31.0	27.0
10	14.0	8.0	5.0	5.0	4.0	5.0	6.0	25.0	27.0	30.0	30.0	27.0
11	13.0	8.0	5.0	5.0	4.0	6.0	8.0	25.0	28.0	30.0	28.0	26.0
12	12.0	8.0	6.0	4.0	4.0	5.0	9.0	25.0	29.0	31.0	30.0	26.0
13	12.0	7.0	4.0	4.0	3.0	5.0	9.0	25.0	29.0	33.0	29.0	25.0
14	8.0	6.0	6.0	4.0	3.0	7.0	9.0	24.0	29.0	33.0	29.0	25.0
15	4.0	5.0	6.0	5.0	4.0	---	8.0	24.0	28.0	33.0	29.0	25.0
16	10.0	6.0	6.0	5.0	5.0	7.0	8.0	23.0	29.0	30.0	30.0	26.0
17	10.0	6.0	6.0	2.0	5.0	7.0	8.0	25.0	29.0	32.0	31.0	26.0
18	10.0	6.0	8.0	2.0	6.0	8.0	19.0	25.0	28.0	30.0	30.0	26.0
19	10.0	7.0	7.0	2.0	6.0	8.0	19.0	24.0	27.0	32.0	30.0	25.0
20	12.0	---	3.0	.0	6.0	9.0	19.0	26.0	28.0	32.0	29.0	25.0
21	10.0	7.0	2.0	3.0	7.0	4.0	19.0	25.0	28.0	32.0	31.0	23.0
22	4.0	9.0	4.0	3.0	7.0	5.0	17.0	27.0	28.0	30.0	31.0	22.0
23	8.0	9.0	5.0	2.0	6.0	5.0	20.0	26.0	27.0	31.0	31.0	22.0
24	7.0	9.0	6.0	2.0	7.0	3.0	21.0	27.0	28.0	31.0	31.0	22.0
25	9.0	6.0	4.0	1.0	8.0	3.0	21.0	26.0	28.0	31.0	30.0	24.0
26	9.0	7.0	5.0	1.0	6.0	5.0	22.0	26.0	27.0	31.0	30.0	25.0
27	9.0	7.0	5.0	2.0	6.0	6.0	22.0	28.0	27.0	31.0	30.0	25.0
28	9.0	7.0	5.0	1.0	---	6.0	23.0	26.0	---	31.0	30.0	27.0
29	9.0	7.0	4.0	2.0	---	6.0	24.0	27.0	26.0	30.0	31.0	27.0
30	10.0	7.0	4.0	5.0	---	6.0	24.0	27.0	26.0	34.0	32.0	25.0
31	9.0	---	4.0	4.0	---	7.0	---	27.0	---	---	32.0	---
MAX	17.0	12.0	10.0	8.0	8.0	11.0	24.0	28.0	29.0	34.0	37.0	35.0
MIN	7.0	4.0	2.0	.0	1.0	3.0	5.0	22.0	26.0	30.0	28.0	22.0

MISSISSIPPI RIVER DELTA

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295325091313000 BAYOU TECHE AT CHARENTON, LA (CE 64380)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	46	40	16	14	18	21	14	16	15	25	26
2	25	50	22	12	10	8.0	18	15	12	17	26	29
3	24	36	80	12	10	8.5	18	20	12	15	27	32
4	22	32	59	12	11	9.5	19	15	12	14	28	34
5	25	32	39	10	12	14	24	14	11	14	20	34
6	61	46	30	13	12	21	22	14	11	14	18	32
7	90	40	20	16	11	12	26	21	16	10	22	21
8	45	55	20	12	10	8.0	18	15	9.0	8.0	26	30
9	50	34	26	8.0	10	11	23	15	10	12	30	30
10	35	35	20	12	10	14	21	21	12	14	32	30
11	28	34	12	---	12	14	20	15	14	12	28	30
12	26	32	15	14	13	12	18	18	10	14	24	24
13	26	35	16	7.0	14	12	14	24	14	16	20	36
14	26	36	21	10	46	14	13	22	12	20	24	35
15	30	36	20	30	20	13	14	16	14	---	22	34
16	25	34	20	14	16	14	15	26	14	18	24	34
17	26	32	24	12	14	16	12	14	14	20	30	32
18	27	32	18	10	18	15	12	16	14	16	35	35
19	28	36	20	21	18	14	14	20	12	14	34	40
20	32	34	21	15	14	16	12	16	14	18	26	30
21	28	36	20	16	15	14	16	10	14	18	28	32
22	30	38	19	18	14	14	14	16	16	14	21	32
23	28	40	20	12	12	21	16	13	16	19	24	91
24	31	36	24	12	12	18	12	16	17	18	26	24
25	32	34	21	19	11	16	14	19	16	16	24	24
26	38	36	14	18	12	18	16	16	18	20	25	40
27	30	26	12	14	14	18	13	14	16	27	27	42
28	28	46	11	10	10	15	12	14	---	24	33	40
29	30	46	14	14	---	18	14	10	15	30	30	35
30	42	40	10	8.0	---	16	12	14	12	30	28	30
31	43	---	15	8.0	---	18	---	8.0	---	30	26	---
MAX	90	55	80	30	46	21	26	26	18	30	35	91
MIN	22	26	10	7.0	10	8.0	12	8.0	9.0	8.0	18	21

MISSISSIPPI RIVER DELTA

07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA (CE 64450)

LOCATION.--Lat 29°49'23", long 91°32'30", T.14 S., R.9 E., St. Mary Parish, Hydrologic Unit 08080102, about 35 ft southwest of Southern Pacific Railroad bridge and 0.7 mi south of Baldwin.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1958-59, 1975 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1976 to November 1978, March 1980 to current year.

CHLORIDE: October 1974 to November 1978, November 1979 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Maximum daily, 36.0°C July 11, 1980; minimum daily, 4.0°C Jan. 19, 1977, Jan. 14, 1982.

CHLORIDE: Maximum daily, 1,300 mg/L Dec. 9, 1980; minimum daily, 5.0 mg/L Apr. 27, 1980.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum daily, 32.0°C Aug. 21, 23, 24, 31, Sept. 1; minimum daily, 8.0°C Jan. 22.

CHLORIDE: Maximum daily, 160 mg/L Sept. 24; minimum daily, 9.0 mg/L Jan. 10.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	23.0	19.0	13.0	14.0	15.0	17.0	20.0	24.0	28.0	28.0	32.0
2	26.0	23.0	19.0	13.0	14.0	16.0	16.0	20.0	25.0	27.0	28.0	31.0
3	25.0	23.0	22.0	12.0	12.0	15.0	16.0	20.0	25.0	28.0	28.0	31.0
4	25.0	17.0	21.0	11.0	11.0	17.0	17.0	22.0	25.0	29.0	29.0	30.0
5	25.0	16.0	20.0	11.0	11.0	15.0	17.0	22.0	27.0	30.0	26.0	30.0
6	25.0	16.0	19.0	11.0	11.0	18.0	17.0	22.0	27.0	30.0	27.0	---
7	25.0	17.0	18.0	12.0	11.0	19.0	19.0	20.0	27.0	30.0	28.0	26.0
8	26.0	17.0	17.0	13.0	11.0	19.0	18.0	20.0	27.0	30.0	29.0	26.0
9	27.0	17.0	17.0	13.0	11.0	19.0	18.0	21.0	27.0	30.0	29.0	26.0
10	25.0	17.0	16.0	14.0	13.0	15.0	19.0	21.0	27.0	30.0	29.0	26.0
11	25.0	19.0	15.0	14.0	13.0	14.0	20.0	25.0	27.0	30.0	28.0	26.0
12	25.0	20.0	14.0	13.0	13.0	14.0	20.0	25.0	27.0	30.0	28.0	26.0
13	24.0	18.0	13.0	12.0	13.0	15.0	20.0	24.0	27.0	31.0	29.0	26.0
14	20.0	17.0	11.0	12.0	13.0	16.0	20.0	24.0	28.0	31.0	30.0	27.0
15	21.0	17.0	12.0	12.0	13.0	16.0	18.0	24.0	28.0	30.0	30.0	28.0
16	22.0	15.0	12.0	12.0	13.0	15.0	17.0	24.0	27.0	30.0	31.0	28.0
17	22.0	17.0	12.0	12.0	13.0	15.0	17.0	24.0	27.0	30.0	30.0	28.0
18	23.0	17.0	13.0	12.0	14.0	14.0	18.0	25.0	28.0	30.0	29.0	27.0
19	23.0	18.0	13.0	11.0	15.0	14.0	18.0	24.0	26.0	30.0	30.0	27.0
20	23.0	19.0	13.0	9.0	15.0	13.0	18.0	24.0	26.0	30.0	31.0	27.0
21	22.0	20.0	14.0	9.0	16.0	14.0	18.0	24.0	26.0	30.0	32.0	26.0
22	22.0	21.0	16.0	8.0	16.0	14.0	19.0	24.0	28.0	31.0	31.0	21.0
23	23.0	22.0	18.0	9.0	16.0	15.0	19.0	24.0	28.0	31.0	32.0	20.0
24	21.0	20.0	18.0	9.0	16.0	15.0	19.0	25.0	27.0	31.0	32.0	21.0
25	21.0	18.0	18.0	10.0	16.0	15.0	20.0	25.0	27.0	30.0	31.0	23.0
26	20.0	17.0	19.0	11.0	15.0	15.0	20.0	25.0	27.0	30.0	30.0	24.0
27	20.0	17.0	18.0	11.0	15.0	16.0	21.0	25.0	27.0	29.0	31.0	25.0
28	20.0	19.0	17.0	10.0	15.0	16.0	21.0	26.0	27.0	30.0	31.0	25.0
29	20.0	19.0	17.0	11.0	---	16.0	21.0	25.0	27.0	30.0	31.0	25.0
30	21.0	18.0	15.0	12.0	---	18.0	22.0	25.0	27.0	30.0	31.0	25.0
31	22.0	---	14.0	13.0	---	16.0	---	25.0	---	29.0	32.0	---
MAX	27.0	23.0	22.0	14.0	16.0	19.0	22.0	26.0	28.0	31.0	32.0	32.0
MIN	20.0	16.0	11.0	8.0	11.0	13.0	16.0	20.0	24.0	27.0	26.0	20.0

MISSISSIPPI RIVER DELTA

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07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA (CE 64450)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
UNCF-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	100	40	15	14	16	30	22	12	16	29	26
2	27	110	46	16	9.5	16	24	20	12	18	27	30
3	40	40	---	15	10	16	26	22	10	14	22	40
4	38	34	26	14	10	14	25	16	12	14	22	40
5	36	32	28	10	10	15	27	14	17	16	21	32
6	98	36	27	10	10	18	25	16	14	14	26	24
7	110	36	32	13	10	16	30	21	16	15	25	24
8	85	34	29	10	9.5	20	21	26	12	15	27	26
9	100	35	34	11	10	19	21	22	12	15	21	32
10	34	32	28	9.0	11	16	28	27	11	15	26	33
11	31	34	22	12	10	17	25	18	11	14	29	31
12	25	36	24	12	10	15	25	21	14	14	29	32
13	26	34	22	14	11	16	24	26	13	16	30	32
14	30	36	20	11	10	16	25	23	14	24	32	34
15	20	32	20	10	10	20	13	16	14	24	30	34
16	28	32	18	10	11	20	14	17	14	26	30	36
17	32	32	18	13	10	22	10	18	14	16	30	35
18	32	74	20	12	10	20	15	20	12	18	34	30
19	32	54	20	12	12	21	18	23	15	19	32	31
20	34	36	20	14	15	18	15	20	14	18	25	38
21	26	35	48	14	12	17	12	20	15	18	25	27
22	25	34	22	16	13	18	14	21	16	26	25	36
23	23	36	22	16	12	22	11	20	14	20	21	40
24	28	34	16	13	14	64	12	21	14	22	54	160
25	30	28	16	14	16	92	16	19	18	22	24	140
26	30	34	16	15	16	95	14	18	18	23	25	150
27	30	---	12	12	16	70	16	18	16	24	24	150
28	30	49	16	10	16	68	22	15	14	22	30	130
29	40	46	14	14	---	70	20	11	15	28	30	110
30	38	50	16	14	---	22	22	14	16	26	22	72
31	110	---	14	14	---	---	---	19	---	30	36	---
MAX	110	110	48	16	16	95	30	27	18	30	54	160
MIN	20	28	12	9.0	9.5	14	10	11	10	14	21	24

MISSISSIPPI RIVER DELTA

07386700 RUTH CANAL NEAR RUTH, LA

LOCATION.--Lat 30°14'35", long 91°53'05", in NE1/4NW1/4 lot 95, T. 9 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080103, near center of span on downstream side of bridge on State Highway 31, 1,200 ft above control structure, 1,500 ft downstream from point of diversion from Bayou Teche, 0.4 mi northwest of Ruth, and 2.2 mi south of town of Breau Bridge.

PERIOD OF RECORD.--August 1959 to current year. Elevations only May 1945 to June 1946 (fragmentary), January 1947 to September 1960 in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Auxiliary water-stage recorder 150 ft below control structure at same datum. Since July 12, 1973, water-stage recorder for Ruth Canal at Ruth (station 07386705) used as auxiliary gage for this station. Nov. 4, 1965 to July 11, 1973, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records fair. Total flow through control structure diverted from Bayou Teche for irrigation. Records of water temperature for year 1983 are published under miscellaneous water-quality sites in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 802 ft³/s Apr. 21, 1966; maximum daily reverse flow, 13 ft³/s May 28, 1980 (backwater from Vermilion River); minimum daily (unaffected by backwater), 0.03 ft³/s June 1, 1982.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	79	553	96	277	201	192	213	267	271	372	358
2	49	78	506	90	270	204	194	173	274	279	365	357
3	48	80	578	82	256	210	203	135	287	294	312	355
4	46	85	622	75	247	211	201	330	293	313	277	355
5	65	86	469	68	274	201	195	529	303	323	267	395
6	83	84	424	64	268	199	206	527	319	303	267	409
7	80	83	300	63	237	206	217	523	322	294	281	417
8	71	84	290	62	221	210	203	521	334	287	291	409
9	74	84	290	64	223	212	195	533	345	296	308	401
10	72	84	300	66	204	217	188	523	349	311	318	401
11	74	84	310	68	211	219	180	523	354	317	322	401
12	80	81	320	70	200	220	176	526	356	326	320	404
13	81	87	290	69	202	217	176	524	358	242	295	404
14	88	85	340	74	139	215	180	521	360	214	304	407
15	88	85	350	80	93	215	182	525	358	285	324	407
16	90	85	340	87	104	210	191	521	354	409	340	405
17	92	83	340	94	110	210	199	533	323	435	345	401
18	89	84	340	150	120	214	203	550	332	436	346	400
19	88	87	340	400	124	212	208	560	339	438	341	397
20	86	90	350	450	155	208	209	541	337	446	346	322
21	91	94	360	380	180	211	211	471	338	412	348	332
22	91	102	250	360	186	212	210	576	345	409	350	359
23	91	100	111	350	194	180	208	480	325	487	348	378
24	90	99	120	340	200	164	214	453	326	423	344	390
25	88	101	122	340	204	170	217	429	334	357	203	389
26	88	97	124	330	207	177	214	393	329	359	8.0	396
27	88	92	139	330	206	177	216	315	323	361	7.0	403
28	83	88	129	340	201	191	215	243	314	360	170	402
29	80	90	108	350	---	197	215	229	299	362	346	404
30	80	348	98	360	---	193	215	241	276	356	338	404
31	80	---	96	270	---	189	---	249	---	357	356	---
TOTAL	2465	2889	9309	6022	5513	6272	6033	13410	9773	10762	9159.0	11662
MEAN	79.5	96.3	300	194	197	202	201	433	326	347	295	389
MAX	92	348	622	450	277	220	217	576	360	487	372	417
MIN	46	78	96	62	93	164	176	135	267	214	7.0	322
AC-FT	4890	5730	18460	11940	10940	12440	11970	26600	19380	21350	18170	23130
CAL YR 1982	TOTAL	41158.21	MEAN	113	MAX	622	MIN	.03	AC-FT	81640		
WTR YR 1983	TOTAL	93269.00	MEAN	256	MAX	622	MIN	7.0	AC-FT	185000		

MISSISSIPPI RIVER DELTA

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07386700 RUTH CANAL NEAR RUTH, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.72	9.08	10.03	14.05	11.64	10.11	9.86	10.15	10.72	10.14	9.65	9.14
2	9.66	9.10	9.70	13.85	11.37	10.03	9.72	9.92	10.60	10.00	9.51	9.19
3	9.56	9.08	10.68	13.56	11.16	10.03	9.61	9.07	10.48	9.85	10.59	9.21
4	9.46	9.06	12.50	13.26	10.98	10.17	9.59	8.91	10.31	9.74	10.55	9.25
5	9.41	9.10	11.67	12.96	11.41	10.52	9.85	8.90	10.16	9.64	10.24	9.18
6	9.38	9.14	11.46	12.68	11.98	10.48	11.57	8.91	10.11	10.16	10.04	9.19
7	9.69	9.17	11.04	12.43	11.67	10.46	12.70	8.90	10.04	10.14	9.87	9.47
8	10.10	9.18	10.70	12.22	11.41	10.39	12.44	8.80	9.90	9.84	9.65	9.16
9	9.99	9.19	10.49	12.12	11.34	10.33	12.20	8.75	9.83	9.55	9.67	9.01
10	9.51	9.20	10.25	12.02	11.22	10.22	11.92	8.76	9.75	9.29	9.76	8.94
11	9.06	9.24	10.05	11.90	11.33	10.14	11.64	8.81	9.67	9.03	9.77	9.03
12	9.23	9.24	9.83	11.76	11.05	10.06	11.39	8.85	9.63	8.93	9.91	9.03
13	9.34	9.21	9.60	11.66	10.88	9.95	11.20	8.87	9.59	9.19	10.03	8.88
14	9.29	9.23	9.44	11.56	10.79	8.86	11.16	8.90	9.57	9.38	9.92	8.84
15	9.29	9.23	9.56	11.47	10.92	9.94	10.91	8.97	9.52	9.33	9.83	8.83
16	9.37	9.25	9.50	11.41	10.87	9.85	10.80	9.00	9.55	9.10	9.74	8.84
17	9.43	9.26	9.34	11.31	10.78	9.73	10.75	8.88	9.83	9.01	9.68	8.84
18	9.42	9.29	9.16	10.53	10.63	9.69	10.69	8.66	10.03	9.02	9.64	8.84
19	9.38	9.44	8.92	9.64	10.42	9.67	10.63	8.31	9.85	9.02	9.57	8.93
20	9.34	9.70	8.71	11.12	10.31	9.70	10.59	9.17	9.76	9.13	9.47	9.62
21	9.31	10.17	8.56	11.03	10.28	9.60	10.56	10.81	9.61	9.06	9.34	9.75
22	9.30	10.44	8.91	10.97	10.19	9.55	10.58	12.43	9.60	8.89	9.22	9.63
23	9.29	10.31	10.21	10.86	10.13	9.16	10.54	11.99	9.76	9.37	9.08	9.45
24	9.26	10.06	10.38	10.70	10.12	10.61	10.34	11.91	9.78	9.38	8.96	9.38
25	9.22	10.03	10.41	10.58	10.10	10.46	10.25	11.78	9.92	9.33	9.07	9.36
26	9.20	10.10	12.07	10.39	10.06	10.48	10.22	11.55	10.01	9.30	9.64	9.30
27	9.20	10.53	14.57	10.19	10.07	10.41	10.19	11.38	10.12	9.28	9.60	9.23
28	9.13	11.38	14.30	10.01	10.18	10.28	10.17	11.63	10.77	9.27	8.99	9.15
29	9.10	11.28	13.96	9.83	---	10.13	10.17	11.22	10.57	9.28	8.99	9.06
30	9.09	10.91	13.76	9.66	---	10.02	10.15	11.01	10.30	9.30	8.71	8.95
31	9.08	---	13.66	10.00	---	9.93	---	10.85	---	9.31	9.06	---
MAX	10.10	11.38	14.57	14.05	11.98	10.61	12.70	12.43	10.77	10.16	10.59	9.75
MIN	9.06	9.06	8.56	9.64	10.06	8.86	9.59	8.31	9.52	8.89	8.71	8.83

MISSISSIPPI RIVER DELTA

07386705 RUTH CANAL AT RUTH, LA

LOCATION.--Lat 30°14'34", long 91°53'05", NW1/4NE1/4 lot 95, T. 9 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080103, on right bank 150 ft downstream from control structure, 0.5 mi northwest of Ruth, 0.6 mi downstream from point of diversion from Bayou Teche, and 2.5 mi south of town of Breaux Bridge.

PERIOD OF RECORD.--October 1979 to current year (elevations only). Unpublished records, August 1959 to September 1979, available in files of Baton Rouge district office. Daily elevations from January 1938 to December 1944 and since January 1946, in reports of Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Nov. 4, 1965 to July 11, 1973, nonrecording gage at same site and datum.

REMARKS.--Total flow through control structure diverted from Bayou Teche. Diversions are for irrigation. Elevations for period, May 12 to June 17 obtained from records of Corps of Engineers.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since January 1938, 18.5 ft Aug. 1940.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 13.14 ft May 20, 21, 1980; minimum observed, 0.30 ft Dec. 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT UR00

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.26	2.46	8.27	11.98	9.14	4.76	4.82	4.11	8.59	7.86	4.80	4.60
2	2.19	2.69	8.17	12.04	9.26	4.46	4.72	4.29	8.39	7.54	4.90	4.64
3	2.33	2.34	8.08	12.04	9.26	4.15	3.93	6.34	7.99	7.04	7.10	4.74
4	2.35	1.55	10.45	12.04	9.14	4.13	3.84	6.17	7.64	6.56	8.24	4.74
5	2.58	1.28	10.47	12.04	8.93	5.32	4.37	6.00	7.24	6.14	8.02	4.90
6	2.80	1.74	10.68	11.90	9.94	5.64	6.76	6.08	6.89	7.20	7.86	5.64
7	3.05	2.13	10.69	11.68	10.11	5.10	8.02	6.15	6.68	7.42	7.38	5.80
8	6.35	1.87	10.69	11.44	10.11	4.87	8.08	6.12	6.27	7.20	6.78	5.67
9	5.89	1.91	10.50	11.21	9.99	4.59	8.20	6.01	5.87	6.70	6.54	5.63
10	5.19	2.07	10.27	10.99	10.15	4.17	8.24	5.99	5.63	6.08	6.44	5.49
11	3.82	1.91	10.06	10.73	10.19	3.83	8.18	6.04	5.40	5.54	6.30	5.57
12	2.53	2.54	9.82	10.46	10.06	3.63	8.03	6.04	5.37	5.16	5.90	5.61
13	3.31	1.74	9.61	10.16	9.85	3.60	7.74	6.10	5.28	4.56	7.24	5.43
14	1.88	2.02	9.38	9.85	9.57	3.58	7.60	6.17	5.16	4.20	6.90	5.29
15	1.64	2.20	9.48	9.52	9.10	3.69	7.11	6.20	5.10	4.24	6.44	5.28
16	1.85	2.09	9.41	9.15	8.66	3.80	6.54	6.33	5.05	5.06	6.00	5.32
17	1.55	2.62	9.27	8.75	8.10	3.75	6.06	6.17	6.33	5.66	5.70	5.33
18	1.90	2.58	9.07	8.33	7.48	3.29	4.66	6.23	6.23	5.66	5.80	5.46
19	2.15	2.59	8.84	9.10	6.98	3.39	5.24	7.60	6.20	5.58	5.64	5.39
20	2.28	2.75	8.61	10.31	6.44	3.82	5.19	6.67	6.14	5.50	5.30	7.40
21	1.35	2.74	8.42	10.52	5.96	3.37	4.99	9.20	5.80	5.78	5.10	7.61
22	1.53	2.66	8.27	10.61	5.66	3.17	4.87	10.10	5.36	6.14	4.90	7.09
23	1.35	2.75	5.90	10.61	5.19	3.75	5.31	10.35	6.14	5.22	4.80	6.65
24	1.06	2.48	5.36	10.50	4.84	7.59	4.71	10.46	6.40	5.10	4.74	6.26
25	1.52	1.59	5.18	10.40	4.58	6.94	4.23	10.55	6.18	4.94	4.54	6.11
26	1.41	2.48	5.00	10.23	4.36	5.51	4.12	10.45	6.30	4.82	1.70	5.97
27	1.22	2.85	10.03	10.03	4.38	6.60	4.08	10.20	6.62	4.72	1.60	5.83
28	3.17	7.47	10.81	9.82	4.81	5.90	4.08	10.00	7.60	4.70	4.84	5.74
29	2.20	6.95	11.40	9.60	---	5.20	4.00	9.80	7.96	4.70	4.74	5.60
30	2.23	6.89	11.63	9.41	---	4.98	4.03	9.36	7.86	4.92	4.64	5.49
31	2.25	---	11.63	9.21	---	5.20	---	9.08	---	4.92	4.50	---
MAX	6.35	7.47	11.63	12.04	10.19	7.59	8.24	10.56	8.59	7.86	8.24	7.61
MIN	1.06	1.28	5.00	8.33	4.36	3.17	3.84	4.11	5.05	4.20	1.60	4.60

MISSISSIPPI RIVER DELTA

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07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA

LOCATION.--Lat 30°13'02", long 91°59'34", on line between lots 76 and 142, T. 9 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, at bridge on Surrey Street at Lafayette, 0.6 mi north of Lafayette Airport, and 1.4 mi upstream from Coulee des Poches.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1.53 ft below mean low Gulf level or 2.31 ft below National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Water-stage recorder for Vermilion River at State Highway 3073, near Lafayette (station 07386935) used as auxiliary gage for this station.

REMARKS.--Records fair above 1,000 ft³/s and poor below. Discharges are affected by tide at all stages; diversions above and below station for irrigation.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	102	159	1730	2870	2280	---	---	424	2060	2160	751	---
2	101	126	2010	4000	2830	---	---	476	1880	2090	736	---
3	69	350	771	4410	2810	---	---	896	2010	1880	228	---
4	43	226	-1450	4330	2740	---	---	1040	2150	1680	1430	---
5	19	136	2770	4240	1110	---	---	924	1690	1500	2260	---
6	-45	36	3470	4140	977	---	---	821	987	1660	2210	---
7	571	153	3480	4040	3280	---	---	792	910	1980	2010	---
8	1430	84	3410	3930	3290	---	---	995	1140	1890	1830	---
9	1380	30	3320	3820	3150	---	---	884	1400	1680	1660	788
10	1280	136	3210	3710	2490	---	---	789	1240	1380	1610	703
11	957	-68	3110	3590	3360	---	---	802	839	1160	1520	814
12	357	206	2930	3450	3270	---	---	781	358	965	1230	888
13	674	213	2740	3300	3140	---	2190	721	-122	730	1420	830
14	319	-93	2600	3150	2990	---	2120	666	-326	579	1820	758
15	142	185	2300	2990	2820	---	1990	287	-351	635	1610	659
16	271	-39	2640	2800	2640	---	1790	1070	-326	806	1360	618
17	82	112	2550	2640	2420	---	1610	709	1430	911	1170	695
18	88	90	2410	2480	2200	---	1470	781	763	922	1020	719
19	100	148	2260	2420	1980	---	1290	1010	1110	913	1070	407
20	148	136	2100	-209	1760	---	1080	414	1430	935	1020	-1340
21	126	229	1980	2390	---	---	1010	-2620	1270	1040	870	1050
22	184	308	1840	3340	---	---	935	-2200	897	1010	770	1790
23	151	259	1540	3320	---	---	1150	-183	1140	948	681	1600
24	72	348	1230	3270	---	---	1130	2170	356	937	495	---
25	84	152	1050	3260	---	---	879	2650	88	837	-319	---
26	182	42	-389	3190	---	---	725	2750	---	778	793	---
27	25	391	-3620	3070	---	---	630	2710	---	730	620	---
28	77	1290	706	2930	---	---	617	3170	---	757	-480	---
29	54	1810	3420	2790	---	---	562	3140	---	658	354	---
30	104	1640	4040	2670	---	---	487	3020	2210	610	---	---
31	61	---	3980	2550	---	---	---	2850	---	654	---	---
TOTAL	9208	8795	64138	98881	---	---	---	32739	---	35415	---	---
MEAN	297	293	2069	3190	---	---	---	1056	---	1142	---	---
MAX	1430	1810	4040	4410	---	---	---	3170	---	2160	---	---
MIN	-45	-93	-3620	-209	---	---	---	-2620	---	579	---	---

NOTE.--No gage-height record at base or auxiliary gage Feb. 21 to Mar. 8, Mar. 9 to Apr. 12, June 26-29, Aug. 30 to Sept. 10, and Sept. 24-30.

MISSISSIPPI RIVER DELTA

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.42	4.24	8.78	13.28	10.25	5.76	---	5.40	8.77	8.86	4.91	---
2	4.44	4.54	8.65	13.26	10.19	5.46	---	5.66	8.36	8.41	5.04	---
3	4.44	3.95	9.88	13.02	10.01	5.08	---	5.94	8.51	7.93	8.81	---
4	4.41	2.37	12.37	12.86	9.85	5.45	---	5.49	8.54	7.44	9.34	---
5	4.47	2.35	11.71	12.71	10.56	6.70	---	5.42	7.66	6.98	9.01	---
6	4.75	3.55	11.49	12.56	11.64	6.70	---	5.56	6.79	8.07	8.70	---
7	5.93	3.76	11.35	12.38	11.18	6.28	---	5.80	6.65	8.10	8.17	---
8	7.40	3.67	11.21	12.20	10.46	5.93	---	5.55	6.37	7.87	7.78	---
9	7.02	3.77	11.02	12.02	10.46	5.53	---	5.35	6.61	7.39	7.39	5.60
10	6.51	3.83	10.81	11.80	11.51	4.85	---	5.55	6.28	6.79	7.43	5.50
11	5.34	3.46	10.59	11.55	11.18	4.42	---	5.62	5.92	6.21	7.05	5.76
12	4.98	4.25	10.25	11.28	10.92	4.24	---	5.26	5.46	5.78	7.64	5.48
13	4.87	2.89	9.87	10.97	10.67	4.33	8.75	5.82	5.18	5.56	8.34	5.05
14	3.65	3.81	9.58	10.69	10.37	---	8.61	6.01	5.02	5.40	7.73	4.77
15	3.71	3.56	9.88	10.36	10.02	---	8.08	6.13	4.58	5.49	7.06	4.78
16	3.56	3.87	9.79	9.99	9.65	---	7.54	6.48	4.40	5.64	6.69	4.96
17	3.41	4.19	9.47	9.65	9.14	---	7.11	5.74	6.85	5.66	6.62	5.29
18	3.86	4.16	9.13	9.31	8.61	---	6.67	6.37	6.49	5.60	6.66	5.38
19	3.92	4.14	8.76	9.19	8.07	---	6.27	6.64	6.59	5.37	6.23	5.76
20	3.97	4.43	8.36	11.40	7.57	---	6.34	6.93	6.80	5.24	5.75	9.32
21	3.15	4.39	8.07	11.34	7.23	---	6.12	10.52	6.43	5.43	5.28	8.80
22	3.18	4.29	7.77	11.15	6.79	---	6.30	12.30	6.01	5.61	5.00	7.86
23	2.99	4.38	7.09	11.03	6.17	---	6.42	10.71	6.63	5.58	4.78	7.19
24	3.01	3.93	6.69	10.91	5.82	---	5.54	10.51	6.14	5.28	4.58	---
25	3.42	3.39	6.58	10.92	5.55	---	5.09	10.38	6.32	4.96	3.57	---
26	3.39	4.46	9.72	10.75	5.39	---	5.20	10.23	---	4.71	4.74	---
27	3.45	6.45	13.22	10.52	5.56	---	5.18	10.09	---	4.49	4.72	---
28	3.91	8.67	12.93	10.23	5.90	---	5.16	10.75	---	4.53	4.24	---
29	4.05	7.87	12.73	10.00	---	---	5.12	10.67	---	4.72	4.66	---
30	4.11	8.19	12.56	9.71	---	---	5.21	10.43	8.97	5.03	5.09	---
31	4.16	---	12.59	9.47	---	---	---	10.09	---	5.01	---	---
MAX	7.40	8.67	13.22	13.28	11.64	---	---	12.30	---	8.86	9.34	9.32
MIN	2.99	2.35	6.58	9.19	5.39	---	---	5.26	4.40	4.49	3.57	---

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, Hydrologic Unit 08080103, at bridge on State Highway 3073, 4.1 mi downstream from Coulee Mine, 4.8 mi southwest of Central School at Lafayette, and 7.8 mi downstream from gaging station Vermilion River at Surrey Street, at Lafayette (station 07386880).

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1975 to current year (gage height only). Unpublished records October 1967 to September 1975 available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 1.54 ft below mean low Gulf level, or 2.32 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage heights affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.90 ft May 16, 1980; minimum, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 6, 1972, reached a stage of 15.63 ft.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.57 ft Dec. 26, minimum 2.10 ft Nov. 5.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.21	4.40	8.15	12.72	9.62	---	---	4.74	7.52	7.52	4.25	3.97
2	4.17	4.92	7.45	11.96	8.44	---	---	5.14	7.19	6.72	4.27	4.17
3	4.36	4.20	7.41	10.50	7.57	---	---	5.64	7.00	6.39	9.23	4.15
4	4.43	2.40	13.15	9.89	7.31	---	---	4.41	6.78	6.07	9.01	4.29
5	4.60	2.42	10.90	9.76	7.41	---	---	4.50	6.32	5.64	7.45	4.45
6	4.94	3.80	9.57	9.63	11.80	---	---	4.75	5.99	7.32	6.88	5.12
7	5.18	4.30	8.90	9.50	9.41	---	---	5.38	6.36	6.22	6.29	5.26
8	6.72	4.00	8.67	9.40	8.51	---	---	4.82	5.46	5.96	5.86	4.85
9	6.20	4.00	8.42	9.36	8.35	4.71	---	4.50	5.17	5.75	5.93	5.14
10	5.80	4.20	8.25	9.16	11.07	---	---	5.02	4.95	5.47	5.82	4.79
11	4.60	4.02	8.35	8.91	9.09	---	---	4.82	4.89	5.12	5.84	5.27
12	4.20	4.70	7.75	8.61	8.48	---	---	5.01	4.96	4.82	5.23	5.04
13	4.82	2.88	7.23	8.32	8.13	---	6.80	5.00	5.15	4.92	7.90	4.59
14	3.20	4.29	7.47	8.18	7.84	---	7.20	5.37	5.24	4.86	6.30	4.23
15	3.20	3.82	8.80	7.88	7.66	---	6.21	5.55	4.87	4.99	5.42	4.15
16	3.60	4.30	8.07	7.46	7.56	---	5.61	6.00	4.56	5.09	5.56	4.43
17	3.32	4.57	7.28	7.36	6.91	---	5.56	4.90	5.24	5.04	5.48	4.33
18	3.80	4.49	7.09	7.11	6.65	---	5.24	5.80	5.66	4.90	5.89	4.73
19	4.22	4.50	6.84	6.99	6.26	---	4.81	6.27	5.78	4.66	5.44	4.46
20	4.42	4.86	6.27	11.67	6.10	---	5.74	5.74	5.56	4.18	4.66	10.42
21	3.20	4.81	6.33	10.74	---	---	5.39	12.39	5.25	4.01	4.25	8.77
22	3.62	4.61	6.29	9.10	---	---	5.62	13.31	4.89	4.25	4.08	6.67
23	3.50	4.79	5.95	8.52	---	---	5.89	11.02	5.43	4.62	3.95	5.88
24	3.00	4.20	5.84	8.30	---	---	4.24	9.80	5.89	4.19	4.02	5.50
25	3.80	3.18	6.08	8.77	---	---	3.90	9.14	5.80	3.90	4.03	5.46
26	3.80	4.66	6.14	8.49	---	---	4.45	8.62	6.52	3.80	3.54	5.51
27	3.50	5.02	14.03	8.18	---	---	4.46	8.45	7.09	3.58	3.40	5.46
28	4.00	8.65	13.04	7.74	---	---	4.43	8.27	8.28	3.52	5.21	5.41
29	4.20	6.54	11.72	7.91	---	---	4.29	8.12	8.42	3.92	4.63	5.28
30	4.30	6.96	10.51	7.63	---	---	4.46	7.97	7.30	4.64	4.05	5.05
31	4.42	---	9.86	7.30	---	---	---	7.79	---	4.62	3.80	---
MAX	6.72	8.65	14.03	12.72	11.80	---	---	13.31	8.42	7.52	9.23	10.42
MIN	3.00	2.40	5.84	6.99	---	---	---	4.41	4.56	3.52	3.40	3.97

NOTE.--No gage-height record Feb. 21 to Mar. 8, Mar. 10 to Apr. 12.

MISSISSIPPI RIVER DELTA

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: January 1971 to September 1981.

pH: October 1976 to September 1981.

WATER TEMPERATURES: October 1970 to September 1981.

DISSOLVED OXYGEN: November 1970 to September 1981.

INSTRUMENTATION.--Water-quality monitor October 1970 to September 1981.

REMARKS.--Upper limit of dissolved oxygen sensor, 15.0 mg/L.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 1,140 micromhos Sept. 25, 1972; minimum, 20 micromhos Sept. 6, 1973, Feb. 6, 1976.

pH: Maximum, 8.1 units July 30, 1980; minimum, 5.5 units May 17, 18, 1980.

WATER TEMPERATURES: Maximum, 35.5°C June 27, 28, 1973, July 20, Aug. 18, 1981; minimum, 3.5°C Jan. 12, Feb. 11, 1973, Jan. 21, 1978.

DISSOLVED OXYGEN: Maximum, 15.0 mg/L Sept. 11, 12, 22, 1972, Jan. 30, 1973; minimum, 0.0 mg/L on several days during summer months in 1973-75, 1977-79, 1981.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 19...	1400	266	6.4	22.0	70	15	.8	2.1	1600
JAN 13...	1500	82	6.2	13.5	80	40	5.3	1.4	K200
APR 12...	0950	86	6.1	18.0	80	75	4.8	3.1	K450
JUL 01...	0915	92	6.2	26.5	80	150	3.6	2.7	K12000

DATE	STREP- TOCOC- FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT 19...	400	68	18	5.5	24	5.3	71	13
JAN 13...	--	26	7.0	2.1	5.0	3.0	26	3.0
APR 12...	1600	26	6.8	2.2	5.3	2.8	20	10
JUL 01...	17000	29	8.0	2.2	6.1	2.9	24	8.8

DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 19...	25	.1	16	185	150	.4	1.8	.70
JAN 13...	5.6	<.1	6.3	52	48	.2	.7	.64
APR 12...	6.5	<.1	6.1	72	52	.2	1.3	.39
JUL 01...	5.9	.2	8.8	79	57	.5	1.5	.46

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

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

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CHRO- MIUM, HEXA- VALENT, DIS- (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB)
OCT 19...	3	<1	<1	<1	10	<1	7	11	240	4400	1	40
DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT 19...	350	290	<.1	<.01	13	65	<.01	<1	<.1	<1	<.1	<1
DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, IN BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, IN BOT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, IN BOT- TOM MA- TERIAL (UG/KG)
OCT 19...	<.01	<.1	<.1	<1	<.01	<.1	<.01	<.1	<.01	.1	.08	<.1
DATE	DI- ELDRIN TOTAL (UG/L)	DI- ELDRIN, IN BOT- TOM MA- TERIAL (UG/KG)	ENDU- SULFAN, TOTAL (UG/L)	ENDU- SULFAN, IN BOT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, IN BOT- TOM MA- TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR, IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)
OCT 19...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
DATE	LINDANE TOTAL (UG/L)	LINDANE IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL (UG/L)	MALA- THION, IN BOT- TOM MA- TERIAL (UG/KG)	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, IN BOT- TOM MA- TERIAL (UG/KG)
OCT 19...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
DATE	PARA- THION, TOTAL (UG/L)	PARA- THION, IN BOT- TOM MA- TERIAL (UG/KG)	PER- THANE TOTAL (UG/L)	PER- THANE IN BOTTOM MATERIAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOX- APHENE, IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION, TOTAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 19...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	.16	<.01	.01	<.01

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

MISSISSIPPI RIVER DELTA

07386980 VERMILION RIVER AT PERRY, LA

LOCATION.--Lat 29°57'04", long 92°09'22", on line between lots 60 and 61, T.12 S., R.3 E., Vermilion Parish, Hydrologic Unit 08080103, at bridge on State Highway 82 at Perry, 2.0 mi south of Abbeville.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1978 to current year (gage heights only). Unpublished gage-height records, August 1960 to September 1978, available in files of Baton Rouge district office.

REVISED RECORDS.--WDR LA 80-3: 1979.

GAGE.--Water-stage recorder. Datum of gage is 2.95 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage height affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum and minimum gage heights not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.36 ft Dec. 27; minimum 1.56 ft Nov. 4.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.99	5.13	6.66	8.50	7.25	4.61	5.35	4.66	4.78	5.71	4.14	4.50
2	5.02	5.43	6.59	8.03	5.98	4.35	4.35	4.95	4.80	5.16	4.58	4.80
3	5.12	4.76	6.92	6.28	4.50	4.05	2.91	5.22	5.31	5.35	7.20	4.86
4	5.17	2.45	9.56	5.88	4.51	5.12	4.58	3.54	5.28	5.41	7.24	5.01
5	5.11	3.42	8.34	6.02	5.19	5.76	5.64	3.88	4.82	5.19	5.78	5.20
6	5.53	4.65	7.04	5.93	8.45	5.01	4.85	4.51	5.09	5.71	5.20	5.80
7	5.71	4.83	5.97	6.02	6.66	4.52	6.21	5.52	5.11	4.71	4.74	5.40
8	5.84	4.75	5.82	5.95	5.39	4.24	4.84	4.42	4.58	4.88	4.30	4.50
9	6.15	4.73	5.33	6.21	5.67	4.06	4.28	4.28	4.70	4.91	4.40	4.80
10	5.73	4.92	5.53	6.00	7.71	2.60	4.48	5.51	4.84	4.85	4.40	4.84
11	4.67	4.81	5.93	5.57	6.01	2.90	4.60	5.31	4.86	4.51	4.44	4.96
12	4.87	5.29	4.39	5.11	5.61	3.61	5.26	5.39	4.66	4.30	4.20	4.74
13	4.52	2.70	4.52	5.48	5.21	4.11	5.98	5.41	4.71	4.40	5.40	4.46
14	3.61	5.10	5.63	5.31	4.99	4.58	5.60	5.65	4.78	4.62	4.62	4.60
15	4.21	3.79	6.34	5.01	5.52	5.11	4.05	5.41	4.25	4.86	4.10	4.66
16	3.98	5.05	5.51	4.82	5.40	5.31	3.75	5.08	4.01	4.92	5.48	4.98
17	3.77	4.99	4.98	5.15	4.50	3.86	4.01	4.08	4.21	4.98	5.74	4.84
18	4.59	4.96	5.36	4.87	4.60	2.92	3.95	5.58	4.71	5.08	6.10	5.04
19	4.82	4.76	5.09	5.42	4.45	3.51	3.64	5.95	5.11	4.88	5.50	4.90
20	5.00	5.30	4.75	7.65	4.75	4.34	5.21	5.34	5.31	4.50	4.80	7.24
21	3.83	5.07	5.09	7.84	5.54	2.42	4.91	4.80	5.26	3.74	4.36	7.00
22	4.14	4.81	5.23	6.35	4.61	2.72	5.45	9.94	5.24	4.47	4.22	4.88
23	3.86	4.96	5.16	5.56	3.84	4.80	5.21	8.74	5.20	4.50	4.02	4.74
24	7.59	4.28	5.54	5.09	4.26	6.81	2.54	7.95	5.15	3.84	4.16	4.80
25	4.70	3.88	5.83	6.14	4.45	5.19	4.02	6.29	5.01	3.54	4.04	5.06
26	4.61	5.31	6.25	5.97	4.85	6.94	4.94	5.66	5.60	3.30	3.60	5.34
27	4.39	5.34	10.16	5.29	5.41	5.65	5.01	5.40	6.05	3.18	3.94	5.40
28	4.81	6.28	9.87	5.33	4.80	4.41	4.86	5.19	6.75	3.14	5.40	5.50
29	4.95	5.16	8.82	6.50	---	5.20	4.56	5.08	6.95	3.64	4.50	5.60
30	4.96	5.55	7.55	5.48	---	5.65	4.58	4.91	5.71	4.40	4.00	5.48
31	5.03	---	6.56	5.82	---	4.71	---	5.10	---	4.42	4.14	---
MAX	7.59	6.28	10.16	8.50	8.45	6.94	6.21	9.94	6.95	5.71	7.24	7.24
MIN	3.61	2.45	4.39	4.82	3.84	2.42	2.54	3.54	4.01	3.14	3.60	4.46

MERMENTAU RIVER BASIN

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08010010 BAYOU DES CANNES AT STATE HIGHWAY 755, NEAR EUNICE, LA

LOCATION.--Lat 30°27'55", long 92°30'05", in SE1/4SE1/4 sec. 6, T. 7 S., R. 1 W., Louisiana meridian, Acadia Parish, Hydrologic Unit 08080201, near left bank on upstream side of bridge on State Highway 755, 1.8 mi downstream from gaging station Bayou Des Cannes near Eunice (station 0801000), and 4.5 mi southwest of water tower at Eunice.

DRAINAGE AREA.--140 mi².

PERIOD OF RECORD.--October 1979 to current year (gage heights above 2.20 ft only). Unpublished records, April 1941 to September 1979, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 13.70 ft National Geodetic Vertical Datum of 1929. Apr. 1, 1941 to Nov. 1, 1950, nonrecording gage, Nov. 2, 1950 to Oct. 30, 1957, water-stage recorder, and Oct. 31, 1957 to Jan. 13, 1958, nonrecording gage at same site and datum.

REMARKS.--No gage heights recorded below 2.20 ft. Small diversion above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.80 ft May 22, 1983.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since April 1941, 19.76 ft May 20, 1953.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.80 ft May 22; minimum, not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	13.91	14.36	3.31	4.33		2.22	3.88	2.99	
2	---	---	---	14.93	15.82	2.22	3.08	2.39		2.55	3.41	
3	---	---	---	14.25	15.47		2.37	2.21		2.23	15.16	
4	---	---	---	10.69	13.52		2.22			2.23	16.82	
5	---	---	---	5.72	7.36	11.47				2.23	16.08	
6	---	---	---	4.10	14.73	15.02	15.78		3.67	7.38	14.00	
7	---	---	---	3.20	14.86	13.20	16.28		6.54	3.28	9.78	2.24
8	---	---	---	3.06	11.05	5.84	16.02		3.04	2.22	5.36	8.77
9	---	---	---	9.01	5.27	2.75	14.82		2.25		4.88	4.68
10	---	---	---	7.37	8.99	2.22	11.52		2.23		6.10	2.48
11	---	---	---	4.43	7.92		6.03	2.71	2.22		5.22	2.22
12	---	---	---	3.35	4.30		3.56	3.22	2.21		3.89	3.22
13	---	---	---	2.55	3.19		3.04	2.29	2.21		15.72	2.23
14	---	---	---	2.26	2.53		5.26	2.23			15.23	2.22
15	---	---	---	2.22	2.22		4.47	2.23		3.41	12.23	2.22
16	---	---	---	2.23	2.21		2.86	8.62	5.74	2.23	6.01	2.21
17	---	---	---	2.21	2.85		2.57	6.98	2.27	2.33	3.58	2.21
18	---	---	---		2.22		2.27	3.11	2.41	2.23	3.91	2.21
19	---	---	---		2.22		2.21	2.98	2.22		3.18	5.02
20	---	---	---	11.16			2.21	13.80	3.85		2.28	14.24
21	---	---	---	15.06			2.22	16.13	4.93	5.00	2.22	15.52
22	---	---	---	13.29	2.34			17.74	2.24	2.45		15.04
23	---	---	---	7.19	2.21		2.65	17.63	3.15	2.27		12.16
24	---	---	---	3.93	---	11.91	2.84	17.20	6.48	2.26		5.40
25	---	---	---	4.50	---	11.72	2.55	16.33	9.63	2.23		2.74
26	---	---	9.17	5.46	---	4.82	2.22	14.05	10.50	2.23		2.22
27	---	---	17.01	3.65	---	9.08		9.61	5.18	2.21		
28	---	---	17.70	2.90	3.11	4.88		4.66	5.03			
29	---	---	17.59	2.46	---	3.01		2.97	8.04	6.11		
30	---	---	16.99	10.60	---	2.96		2.50	4.79	5.02		
31	---	---	15.33	5.63	---	7.04	---	2.23	---	4.41	---	---
MAX			17.70	15.06	15.82	15.02	16.28	17.74	10.50	7.38	16.82	15.52
MIN			---	---	---	---	---	---	---	---	---	---

NOTE.--No gage-height record Oct. 1 to Dec. 23.

MERMENTAU RIVER BASIN

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 Davis Parish line, Hydrologic Unit 08080201, at head of Mamou Canal, 4.5 mi south of Basile, and 7.5 mi downstream from gaging station Bayou Nezpique near Basile (station 08012000).

DRAINAGE AREA.--542 mi².

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Unpublished records March 1945 to September 1973 available in files of Baton Rouge district office.

REVISED RECORDS.--WDR LA-77-2: 1974-76(M).

GAGE.--Water-stage recorder. Datum of gage is 1.03 ft below National Geodetic Vertical Datum of 1929. Prior to July 7, 1979, nonrecording gage at same site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.05 ft Sept. 23, 1979; minimum daily, 2.35 ft Oct. 28, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since March 1945, 30.3 ft May 21, 22, 1953.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.98 ft May 24; minimum, 2.58 ft Nov. 13.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.21	17.30	23.60	17.50	7.00	12.92	3.91	18.65	5.86	3.52	3.38
2	---	3.25	17.91	23.18	---	6.70	11.16	4.02	16.95	5.35	3.48	3.33
3	---	3.08	18.52	22.60	---	6.18	8.62	3.84	13.94	5.16	7.89	3.34
4	---	2.86	18.91	21.99	---	5.86	6.22	3.37	10.62	5.15	14.45	3.36
5	---	2.86	19.28	21.35	---	9.26	9.52	3.45	7.18	4.73	18.13	3.42
6	3.70	2.98	19.66	20.75	---	13.16	15.61	3.43	5.53	5.65	21.55	3.64
7	3.89	3.04	19.69	20.24	---	15.08	18.16	3.52	5.22	6.07	22.37	4.09
8	4.12	3.00	19.36	19.67	---	15.39	19.90	3.19	5.17	5.91	22.45	4.85
9	4.21	2.96	18.81	19.19	20.79	14.62	20.48	3.10	5.05	4.73	22.12	4.51
10	4.20	3.02	18.10	18.86	20.48	13.45	20.42	3.34	5.21	4.03	21.50	4.35
11	4.03	3.08	17.34	18.60	20.15	12.20	20.21	3.46	4.87	3.74	20.92	4.99
12	3.94	3.05	16.41	18.00	19.80	9.80	19.91	3.56	4.48	3.69	20.76	5.02
13	3.89	2.74	15.12	16.99	19.35	6.60	19.56	3.68	4.15	3.65	21.02	4.63
14	3.73	2.93	12.85	15.61	18.60	4.78	19.11	3.89	4.09	3.66	21.13	4.13
15	3.69	2.77	11.49	14.05	17.65	4.11	18.51	3.91	4.03	4.19	20.86	3.90
16	3.69	2.87	12.65	11.80	15.48	3.86	17.63	6.32	3.98	5.30	20.17	3.85
17	3.56	2.96	13.80	7.81	13.02	3.64	15.95	11.17	5.10	5.40	19.03	3.83
18	3.56	2.99	13.68	6.34	10.10	3.60	13.16	11.94	6.48	5.24	17.18	3.88
19	3.52	3.07	12.35	5.56	7.18	3.64	10.13	11.78	6.20	4.76	14.42	5.65
20	3.49	3.88	9.65	11.01	5.53	3.51	6.95	15.19	5.76	4.23	11.45	12.41
21	3.26	5.35	7.68	15.30	5.23	3.20	5.10	20.18	4.91	3.93	8.46	15.58
22	3.16	4.43	5.98	17.70	10.14	3.18	4.77	22.71	4.48	4.00	5.62	17.66
23	3.07	3.80	5.20	18.40	13.68	3.71	4.62	23.74	5.39	4.09	4.45	18.55
24	3.01	3.65	4.87	18.48	14.70	4.22	4.49	23.96	6.82	3.80	4.11	18.37
25	3.07	4.09	4.79	17.97	14.25	12.85	4.30	23.58	6.38	3.73	3.95	17.41
26	3.09	5.10	11.41	17.18	12.90	14.65	4.10	22.84	6.23	3.55	3.78	15.35
27	3.12	7.09	18.44	16.20	10.90	15.08	3.92	22.06	5.83	3.40	3.67	12.18
28	3.18	12.31	21.72	14.80	8.50	15.20	3.91	21.39	5.96	3.35	3.70	8.72
29	3.20	14.96	23.30	12.80	---	14.98	3.84	20.83	5.70	3.42	3.66	5.56
30	3.15	16.57	23.85	11.79	---	14.16	3.79	20.24	5.77	3.44	3.54	4.47
31	3.16	---	23.80	11.74	---	13.77	---	19.55	---	3.51	3.44	---
MAX	4.21	16.57	23.85	23.60	---	15.39	20.48	23.96	18.65	6.07	22.45	18.55
MIN	3.01	2.74	4.79	5.56	5.23	3.18	3.79	3.10	3.98	3.35	3.44	3.33

MERMENTAU RIVER BASIN

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08012150 MERMENTAU RIVER AT MERMENTAU, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°11'23", long 92°35'25", on line between lots 14 and 31, T.10 S., R.2 W., Jefferson Davis Parish, Hydrologic Unit 08080202, at U.S. Highway 90 bridge between Silverwood and Mermentau.

DRAINAGE AREA.--1,381 mi².

PERIOD OF RECORD.--Water years 1953, 1979 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1980 to September 1982.

WATER TEMPERATURES: April 1980 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 642 micromhos Oct. 2, 1981; minimum daily, 51 micromhos Feb. 20, 1982.

WATER TEMPERATURES: Maximum daily, 31.0°C July 12, 14, 15, 17-20, 1980; minimum daily, 6.0°C Jan. 17, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 19...	1100	E.00	181	6.1	24.0	50	3.2	.7	2.4	K40	13000
JAN 13...	1345	4170	63	5.9	12.5	120	70	6.0	.8	220	--
APR 06...	1300	4320	136	6.4	17.0	160	160	4.5	3.0	3700	24000
JUL 14...	1100	E.00	170	6.7	28.0	60	48	1.6	1.8	K18	1200

DATE	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)
OCT 19...	47	12	4.1	15	7.1	51	13	16	.1	11
JAN 13...	21	5.3	1.8	5.2	2.9	13	12	6.0	<.1	6.0
APR 06...	31	8.1	2.7	13	2.6	37	7.8	16	.1	7.3
JUL 14...	50	13	4.2	16	2.8	54	7.3	15	.2	10

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTIT- UENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)
OCT 19...	128	109	<.10	.21	.9	.38	.32	.29	30	2
JAN 13...	50	47	.17	.22	1.2	.94	.16	.15	80	2
APR 06...	89	80	.37	.41	.9	.34	.13	.12	170	1
JUL 14...	117	100	.34	.21	.8	.28	.15	.12	10	2

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

E Estimated.

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

MERMENTAU RIVER BASIN

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LITHIUM DIS- SOLVED (UG/L AS LI)
OCT 19...	110	<1	1	<1	<3	5	220	4	<4
JAN 13...	48	<1	<1	--	<3	8	270	17	<4
APR 06...	87	<1	1	<1	<3	37	240	3	<4
JUL 14...	220	<1	<1	<1	3	5	140	9	<4

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 19...	330	<.1	<10	<1	<1	<1	77	<6	13
JAN 13...	35	.3	<10	3	<1	<1	33	<6	18
APR 06...	62	.3	<10	2	<1	2	58	<6	18
JUL 14...	160	<.1	<10	1	<1	<1	91	<6	11

DATE	SEDI- MENT, DIS- SOLVED (MG/L)	SEDI- MENT, CHARGE, SUS- PENDEED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 19...	--	--	--
JAN 13...	19	214	87
APR 06...	124	1450	68
JUL 14...	--	--	--

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

MERMENTAU RIVER BASIN

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08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA

LOCATION.--Lat 30°04'12", long 92°52'43", in SE1/4SE1/4 sec.21, T.11 S., R.5 W., Jefferson Davis Parish, Hydrologic Unit 08080202, at bridge on State Highway 14, 12.9 mi west of town of Lake Arthur, and 16.8 mi upstream from Intracoastal Waterway.

DRAINAGE AREA.--299 mi².

PERIOD OF RECORD.--Annual peaks, water years 1969-74, October 1974 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 7.00 ft below National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Highways); prior to Oct. 1, 1974, nonrecording gage at same site at datum 0.85 ft lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.72 ft May 19, 1980; minimum, 7.25 ft Mar. 18, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.09 ft Jan. 1; minimum, not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.72	---	---	10.99	9.80	8.86	9.01	8.73	9.70	9.38	---	8.39
2	8.70	---	---	11.06	9.86	8.84	8.61	8.71	9.65	9.30	---	8.33
3	8.70	---	---	11.06	9.78	8.83	8.63	8.55	9.67	9.25	---	8.34
4	8.71	---	---	11.06	9.71	9.00	8.84	8.30	9.52	9.22	---	8.36
5	8.72	---	---	10.95	9.75	8.92	8.87	8.29	9.39	9.11	---	---
6	8.84	---	---	10.84	10.00	8.98	8.98	8.37	9.42	8.92	---	---
7	8.85	---	---	10.73	10.10	8.90	9.02	8.47	9.34	8.78	---	---
8	---	---	---	10.70	10.11	8.84	9.03	8.13	9.26	8.74	---	---
9	---	---	---	10.65	10.14	8.72	9.00	8.12	9.15	8.72	---	---
10	---	---	---	10.57	10.07	8.52	9.02	8.31	9.07	8.71	---	---
11	---	---	---	10.43	10.04	8.46	8.96	8.36	9.07	8.68	---	---
12	---	---	---	10.16	9.92	8.52	9.03	8.44	9.05	8.66	---	---
13	---	---	---	10.13	9.78	8.47	9.14	8.48	9.05	8.65	---	---
14	---	---	---	10.03	9.70	8.46	8.96	8.63	9.03	8.64	---	---
15	---	---	---	9.80	9.68	8.42	8.76	8.65	8.94	8.80	---	8.78
16	---	---	---	9.76	9.50	8.38	8.74	8.46	9.00	8.84	---	8.76
17	---	---	---	9.66	9.43	8.13	8.71	8.48	8.98	8.79	9.46	8.79
18	---	---	9.30	9.54	9.36	8.08	8.74	8.63	9.02	8.83	9.71	8.85
19	---	---	9.18	9.47	9.30	8.23	8.67	8.61	9.07	---	9.62	8.92
20	---	---	9.07	9.50	9.30	8.07	8.73	8.70	9.06	---	9.44	9.52
21	---	---	9.04	9.84	9.35	7.81	8.68	10.09	8.96	---	9.30	9.69
22	---	---	9.03	9.99	9.12	8.00	8.90	---	8.95	---	9.16	9.74
23	---	---	9.00	9.93	8.96	8.28	8.67	---	9.10	---	9.04	9.71
24	---	---	9.15	9.85	8.96	8.33	8.41	10.77	9.17	---	8.92	9.60
25	---	---	9.27	9.86	8.84	8.60	8.45	10.71	9.27	---	8.82	9.50
26	---	---	9.46	9.84	8.72	8.96	8.48	10.63	9.47	---	8.68	9.42
27	---	---	10.49	9.59	8.76	8.74	8.53	10.50	9.55	---	8.60	9.35
28	---	---	10.72	9.65	8.74	8.62	8.52	10.33	9.52	---	8.67	9.32
29	---	8.84	10.80	9.80	---	8.68	8.52	10.18	9.46	---	8.63	9.26
30	---	---	10.82	9.57	---	8.78	8.65	10.02	9.43	---	8.48	9.19
31	---	---	10.82	9.57	---	8.77	---	9.91	---	---	8.44	---
MAX	---	---	10.82	11.06	10.14	9.00	9.14	10.77	9.70	---	---	9.74
MIN	---	---	---	9.47	8.72	7.81	8.41	8.12	8.94	---	---	8.33

NOTE.--No gage-height record Oct. 8 to Nov. 28, Nov. 30 to Dec. 17, July 19 to Aug. 16, and Sept. 5-14.

CALCASIEU RIVER BASIN

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, Hydrologic Unit 08080205, near right bank on downstream side of bridge on State Highway 12, 2.4 mi northeast of Starks, and 3.5 mi downstream from Green Island Marsh Creek.

DRAINAGE AREA.--177 mi².

PERIOD OF RECORD.--Annual maximums, water years 1954-56. March 1956 to current year.

REVISED RECORDS.--WSP 2122: 1958(M).

GAGE.--Water-stage recorder. Datum of gage is 16.34 ft National Geodetic Vertical Datum of 1929. Oct. 13, 1953 to Mar. 8, 1956, crest-stage gage at site 100 ft downstream at same datum.

REMARKS.--Records good. Records of water temperature for water year 1983 are published under miscellaneous water-quality sites in this report.

AVERAGE DISCHARGE.--27 years, 229 ft³/s, 18.26 in/yr, 172,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,100 ft³/s corrected, Dec. 28, 1982, gage height, 18.32 ft; no flow at times most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 19,100 ft³/s Dec. 28, gage height, 18.32 ft; minimum, no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.01	940	3370	500	256	346	10	50	20	2.2	1.6
2	.00	.00	1040	2370	978	125	197	9.4	26	13	1.9	1.2
3	.00	.09	1180	1850	1160	95	127	9.0	15	11	1.8	.95
4	.00	.36	1320	1480	1340	87	87	8.6	10	15	1.7	.76
5	.00	.24	1370	1150	1690	149	66	8.1	8.2	12	1.5	.75
6	.00	.11	1300	884	1960	302	93	7.6	8.0	10	1.3	4.0
7	.21	.04	1210	696	1970	459	196	7.2	7.7	51	2.0	2.2
8	3.6	.00	1060	611	1720	492	364	7.1	39	140	4.8	1.2
9	3.7	.00	905	595	1510	468	426	6.5	75	171	10	2.1
10	20	.00	753	809	1580	423	430	12	49	52	43	1.6
11	21	.00	579	1040	1680	294	422	18	25	12	67	1.7
12	22	.08	397	1130	1530	113	371	31	14	6.4	154	2.6
13	14	.66	334	1040	1300	58	195	39	8.5	4.0	273	2.2
14	8.8	.65	366	819	1090	44	87	70	5.5	26	464	1.6
15	6.0	.60	411	533	946	36	72	81	3.9	94	656	1.3
16	4.3	.72	432	304	787	31	86	197	2.9	99	661	1.2
17	3.3	2.7	471	144	509	28	93	416	2.6	133	430	1.1
18	2.4	2.1	479	88	275	26	94	502	2.6	163	220	1.5
19	2.3	2.1	433	83	135	24	71	769	2.2	129	185	2.6
20	2.3	6.4	361	301	88	25	46	1860	2.2	81	188	134
21	1.8	7.6	269	628	178	35	31	3440	2.3	55	154	322
22	1.2	22	158	849	583	46	23	4540	16	40	96	424
23	.78	52	97	855	823	61	19	4510	90	37	74	469
24	.50	101	75	778	826	217	17	3820	113	44	57	439
25	.28	133	97	669	775	497	15	2890	94	38	28	339
26	.12	209	1140	569	722	690	14	2090	87	21	13	225
27	.05	385	8350	459	659	752	13	1510	110	12	7.6	112
28	.02	553	17500	363	482	752	13	1030	113	7.9	4.8	38
29	.01	779	12000	277	---	750	13	531	64	5.3	3.2	17
30	.02	815	7990	193	---	701	11	220	35	3.8	2.5	10
31	.02	---	5290	157	---	536	---	97	---	2.7	2.1	---
TOTAL	118.71	3073.46	68307	25094	27796	8572	4038	28746.5	1081.6	1509.1	3810.4	2584.56
MEAN	3.83	102	2203	809	993	277	135	927	36.1	48.7	123	86.2
MAX	22	815	17500	3370	1970	752	430	4540	113	171	661	469
MIN	.00	.00	75	83	88	24	11	6.5	2.2	2.7	1.3	.75
CFSM	.02	.58	12.4	4.57	5.61	1.57	.76	5.24	.20	.28	.70	.49
IN.	.02	.65	14.36	5.27	5.84	1.80	.85	6.04	.23	.32	.80	.54
AC-FT	235	6100	135500	49770	55130	17000	8010	57020	2150	2990	7560	5130
CAL YR 1982 TOTAL	116948.92			320		17500		1.81		24.58		232000
WTR YR 1983 TOTAL	174731.33			479		17500		2.71		36.72		346600

CALCASIEU RIVER BASIN

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08016800 BEAR HEAD CREEK NEAR STARKS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.95	7.41	12.86	15.07	11.66	10.85	11.21	7.72	8.89	8.30	7.43	7.56
2	6.94	7.40	13.01	14.34	12.66	9.91	10.57	7.69	8.43	8.08	7.40	7.52
3	6.94	7.45	13.21	13.85	12.97	9.47	9.94	7.67	8.16	8.03	7.39	7.48
4	6.94	7.54	13.39	13.41	13.23	9.33	9.33	7.65	7.99	8.14	7.38	7.45
5	6.91	7.52	13.45	12.95	13.67	10.15	8.95	7.63	7.91	8.04	7.36	7.44
6	6.92	7.48	13.37	12.50	13.97	11.05	9.42	7.61	7.90	7.99	7.33	7.72
7	7.11	7.44	13.25	12.15	13.99	11.58	10.53	7.59	7.88	8.87	7.40	7.62
8	7.65	7.40	13.05	11.97	13.71	11.68	11.28	7.58	8.66	10.36	7.63	7.51
9	7.66	7.39	12.80	11.93	13.46	11.61	11.48	7.56	9.40	10.66	7.86	7.62
10	8.18	7.40	12.53	12.36	13.54	11.47	11.50	7.75	8.88	8.93	8.72	7.57
11	8.65	7.40	12.16	12.78	13.66	11.02	11.47	7.96	8.40	8.06	9.22	7.58
12	8.34	7.45	11.66	12.92	13.49	9.70	11.30	8.26	8.11	7.82	10.41	7.67
13	8.17	7.60	11.45	29.89	13.18	8.79	10.49	8.42	7.91	7.68	11.22	7.63
14	8.03	7.60	11.56	12.38	12.85	8.50	9.33	9.02	7.77	8.32	11.86	7.57
15	7.94	7.59	11.71	11.77	12.61	8.35	9.07	9.22	7.67	9.71	12.33	7.53
16	7.78	7.60	11.77	11.06	12.32	8.26	9.32	10.52	7.60	9.79	12.35	7.52
17	7.81	7.78	11.89	10.11	11.71	8.20	9.43	11.44	7.57	10.30	11.75	7.51
18	7.76	7.74	11.91	9.34	10.94	8.16	9.45	11.71	7.57	10.62	10.98	7.55
19	7.75	7.73	11.77	9.24	10.03	8.12	9.05	12.27	7.54	10.22	10.79	8.29
20	7.75	7.94	11.54	11.01	9.34	8.15	8.54	13.82	7.54	9.49	10.81	10.18
21	7.72	7.99	11.20	11.99	10.25	8.33	8.25	15.10	7.54	9.01	10.51	11.40
22	7.67	8.34	10.54	12.44	11.88	8.54	8.10	15.70	8.00	8.67	9.75	11.75
23	7.62	8.93	9.77	12.45	12.39	8.82	8.01	15.68	9.64	8.61	9.38	11.88
24	7.57	9.83	9.39	12.30	12.39	10.63	7.94	15.34	10.02	8.76	9.04	11.79
25	7.52	10.30	9.67	12.09	12.30	11.68	7.89	14.78	9.72	8.64	8.51	11.46
26	7.48	10.90	12.95	11.87	12.20	12.14	7.85	14.19	9.59	8.23	8.18	11.00
27	7.45	11.62	16.79	11.58	12.07	12.26	7.84	13.62	9.97	7.97	7.98	9.95
28	7.42	12.09	18.21	11.28	11.64	12.26	7.84	12.99	10.02	7.79	7.83	8.69
29	7.41	12.58	17.73	10.97	---	12.25	7.81	12.02	9.17	7.66	7.72	8.29
30	7.42	12.64	16.97	10.56	---	12.16	7.76	10.93	8.59	7.56	7.66	8.09
31	7.42	---	16.02	10.22	---	11.79	---	9.76	---	7.48	7.62	---
MAX	8.65	12.64	18.21	29.89	13.99	12.26	11.50	15.70	10.02	10.66	12.35	11.88
MIN	6.91	7.39	9.39	9.24	9.34	8.12	7.76	7.56	7.54	7.48	7.33	7.44

CALCASIEU RIVER BASIN

08017015 HOUSTON RIVER NEAR BUHLER, LA

LOCATION.--Lat 30°17'24", long 93°21'20", in SE1/4 sec.11, T.8 S., R.9 W., Louisiana Meridian, Calcasieu Parish, Hydrologic Unit 08080205, at bridge on State Highway 27, and 3.0 mi south of Buhler.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1976 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPF- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- CORALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)
OCT								
21...	1120	142	5.8	21.5	80	10	2.4	1.9
NOV								
19...	0800	523	5.9	19.5	120	40	5.5	2.4
DEC								
09...	1045	52	5.1	15.0	240	30	6.4	2.6
JAN								
13...	0930	38	5.6	12.0	70	40	6.6	1.1
FEB								
24...	1230	42	5.3	17.0	120	55	6.5	3.0
MAR								
09...	1230	62	5.2	17.5	200	70	4.4	2.0
APR								
04...	1100	58	5.0	16.5	120	70	5.5	1.2
MAY								
12...	1100	74	5.5	23.0	160	65	3.5	2.8
JUN								
08...	1130	56	5.7	25.5	140	20	.4	2.3
JUL								
14...	0900	65	5.6	25.5	100	20	.9	1.5
AUG								
15...	1130	34	5.5	25.5	100	30	7.9	3.8
SEP								
08...	1330	73	6.0	27.0	160	25	1.7	3.3

DATE	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)
OCT									
21...	260	180	25	6.2	2.3	16	2.9	19	8.0
NOV									
19...	>45000	K40000	61	10	8.7	74	5.6	23	22
DEC									
09...	140	590	11	2.7	1.0	7.8	1.0	3	5.0
JAN									
13...	K20	600	8	1.9	.7	3.6	.7	4	3.0
FEB									
24...	940	1200	11	2.6	1.1	3.5	.8	1	12
MAR									
09...	250	1700	12	3.3	1.0	7.2	.9	1	11
APR									
04...	62	280	14	2.9	1.6	5.5	.8	1	10
MAY									
12...	140	3700	14	3.6	1.1	7.7	.9	5	10
JUN									
08...	K56	160	13	3.5	1.1	5.1	1.0	10	14
JUL									
14...	350	1600	14	3.7	1.1	6.8	1.1	8	10
AUG									
15...	--	--	9	2.5	.6	3.1	1.1	3	11
SEP									
08...	220	600	15	4.1	1.2	8.0	1.0	7	9.7

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

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

CALCASIEU RIVER BASIN

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08017015 HOUSTON RIVER NEAR BUHLER, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	CHLORIDE, DIS-SOLVED (MG/L AS CL)	FLUORIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 21...	23	.1	8.0	97	78	<.1	2.0	.12
NOV 19...	130	.1	8.3	311	273	<.1	1.0	.17
DEC 09...	9.7	<.1	6.7	67	36	.1	1.4	.05
JAN 13...	6.0	<.1	5.6	58	25	.1	1.1	.14
FEB 24...	5.2	<.1	4.1	51	30	.3	1.4	.25
MAR 09...	12	<.1	5.2	40	41	.2	1.7	.09
APR 04...	11	<.1	4.8	70	38	.1	1.0	.08
MAY 12...	13	<.1	6.9	77	46	.2	1.0	.13
JUN 08...	6.8	<.1	5.6	65	43	<.1	1.4	.34
JUL 14...	9.2	<.1	7.3	71	44	<.1	.9	.11
AUG 15...	4.3	<.1	3.3	46	28	.2	.2	.04
SEP 08...	14	<.1	7.3	82	50	<.1	1.6	.11

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOVERED FROM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOVERED FROM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS-SOLVED (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOVERED FROM BOTTOM MATERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOVERED FROM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
OCT 21...	2	<1	<1	<1	4	<1	2	3	310	1300	4
JAN 13...	1	--	<1	--	--	<1	6	--	470	--	3
APR 04...	1	--	<1	--	--	<1	37	--	400	--	3
JUL 14...	1	--	<1	--	--	<1	5	--	500	--	8

DATE	LEAD, RECOVERED FROM BOTTOM MATERIAL (UG/G AS PR)	MANGANESE, DIS-SOLVED (UG/L AS MN)	MANGANESE, RECOVERED FROM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOVERED FROM BOTTOM MATERIAL (UG/L AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOVERED FROM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)
OCT 21...	10	230	79	.3	<.01	10	400	8.6	<.01	3
JAN 13...	--	96	--	<.1	--	14	--	13	--	--
APR 04...	--	150	--	<.1	--	27	--	15	--	--
JUL 14...	--	470	--	<.1	--	16	--	15	--	--

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

CALCASIEU RIVER BASIN

08017015 HOUSTON RIVER NEAR BUHLER, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	PCP, TOTAL (UG/L)	PCP, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDO, TOTAL (UG/L)	DDO, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL (UG/L)
OCT 21...	<.1	2	<.1	<1	<.01	<.1	<.1	7	<.01	<.1	<.01
APR 04...	<.1	--	<.1	--	<.01	--	<.1	--	<.01	--	<.01

DATE	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN, TOTAL (UG/L)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT 21...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR 04...	--	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL (UG/L)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT 21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR 04...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL (UG/L)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT 21...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR 04...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	PER- THANE TOTAL (UG/L)	PER- THANE IN BOT- TOM MA- TERIAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TRI- THION, TOTAL (UG/L)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2,4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 21...	<.1	<1	<1	<10	<.01	<.1	.08	.04	<.01	<.01
APR 04...	<.1	--	<1	--	<.01	--	.01	<.01	<.01	<.01

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

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. These 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 gage heights and discharges at crest-stage partial-record stations, 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 discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1983

						Annual maximum	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Gage height (feet)	Dis- charge (ft ³ /s)
Pearl River basin							
02490130	Coburn Creek at Bogalusa, LA (station discontinued).	Lat 30°47'46", long 89°50'46", Washington Parish, at bridge on State Highway 21, and 1.0 mi southeast of Bogalusa water tower.	7.96	1969-83	4- 7-83	4.36	(#)
02491350	Hays Creek near Franklinton, LA (station discontinued).	Lat 30°53'16", long 90°11'28", Washington Parish, at bridge on State Highway 25, and 3.4 mi northwest of Franklinton water tower.	42.2	1966-83	4- 7-83	17.06	10,600
02491700	Lawrence Creek near Franklinton, LA (station discontinued).	Lat 30°50'55", long 90°06'55", Washington Parish, at bridge on State Highway 10, and 2.0 mi east of Franklinton.	44.2	1964-83	4- 7-83	15.32	15,800
Thompson Creek basin							
07373450	Thompson Creek at Jackson, LA.	Lat 30°50'25", long 91°13'35", East Feliciana-West Feliciana Parish line, at bridge on State Highway 10, and 0.5 mi west of Jackson.	99.3	1949-59, 1972-73, 1975-83	4- 6-83	*88.54	22,200
07373640	Hammer Creek tributary near Jackson, LA.	Lat 30°50'40", long 91°17'35", West Feliciana Parish, at culvert on State Highway 10, 2.8 mi east of Elm Park, and 4.7 mi west of Jackson.	.20	1968-83	4-6-83	5.40	280
07373700	Thompson Creek near Starhill, LA (station discontinued).	Lat 30°44'55", long 91°17'05", East Feliciana-West Feliciana Parish line, at bridge on U.S. Highway 61, and 1.7 mi southeast of Starhill.	249	1949-68, 1973 1975-83	4- 6-83	*47.61	98,200
07373800	Alexander Creek near St. Francisville, LA (station discontinued).	Lat 30°42'55", long 91°22'05", West Feliciana Parish, at bridge on State Highway 10, 1.0 mi northeast of St. Francisville.	23.9	1953-68, 1971-73, 1975-83	4- 6-83	12.20	7,950
Bayou Baton Rouge basin							
07373900	Bayou Baton Rouge above Baker, LA (station discontinued).	Lat 30°37'20", long 91°12'35", East Baton Rouge Parish, at bridge on unnumbered parish road, and 3.4 mi northwest of Baker.	13.7	1953-68a 1975-83	1- 7-75 3-25-76 4-22-77 12- 1-77 4-22-79 4-13-80 7- 3-81 2-17-82 4- 7-83	19.40 18.23 24.56 20.27 22.60 21.70 15.95 17.09 24.05	b730 b594 b1,610 c846 b1,220 b1,050 b376 c478 1,510

See footnotes at end of the table.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1983--Continued

						Annual maximum	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Gage height (feet)	Dis-charge (ft ³ /s)
Mississippi River Delta							
07373965	South Canal near Baker, LA.	Lat 30°37'00", long 91°08'56", East Baton Rouge Parish, at bridge on McHugh Rd., 1.4 mi upstream from Cypress Bayou and 2.3 mi northeast of Baker.	(d)	1972-82e	4- 6-83	19.44	2,510
07374700	Tchefuncta River near Franklinton, LA (station discontinued).	Lat 30°45'22", long 90°15'52", Washington Parish, at bridge on State Highway 16, and 9.0 mi southwest of Franklinton.	53.1	1949-68, 1975-83	4- 6-83	*51.04	26,900
07375170	Bogue Falaya at Covington, LA (station discontinued).	Lat 30°29'58", long 91°05'04", St. Tammany Parish, at bridge on State Highway 437, and 1.0 mi northeast of Covington.	88.2	1964-83	4- 8-83	23.58	12,700
07375222	Abita River north of Abita Springs, LA.	Lat 30°28'55", long 90°02'20", St. Tammany Parish, at bridge on State Highway 36, and 0.2 mi north of village of Abita Springs.	46.1	1966-83	4- 8-83	*23.66	4,330
07375300	Tangipahoa River near Kentwood, LA (station discontinued).	Lat 30°56'15", long 90°29'25", Tangipahoa Parish, at bridge on State Highway 38, and 1.1 mi east of Kentwood.	f296	1951-59, 1961-68, 1974-83	4- 6-83	17.20	43,300
07375307	Terrys Creek near Kentwood, LA.	Lat 30°57'23", long 90°30'13", Tangipahoa Parish, at bridge on U.S. Highway 51, and 5.1 mi northeast of Kentwood.	52.0	1966-83	4- 6-83	14.40	19,600
07375463	Chappepeela Creek near Husser, LA (station discontinued).	Lat 30°39'35", long 90°18'45", Tangipahoa Parish, at bridge on State Highway 445, and 1.9 mi southeast of Husser.	31.7	1966-83	4- 7-83	30.04	18,000
07375480	Chappepeela Creek southeast of Loranger, LA (station discontinued).	Lat 30°36'22", long 90°19'56", Tangipahoa Parish, at bridge on State Highway 40, and 4.5 mi southeast of Loranger.	91.0	1964-83	4- 7-83	18.69	30,800
07375960	Tickfaw River at Montpelier, LA (station discontinued).	Lat 30°41'10", long 90°38'35", St. Helena Parish, at bridge on State Highway 16, and 0.5 mi northeast of Montpelier.	220	1951-68 1974-83	4- 7-83	*108.10	27,500
07376290	Blood River near Springfield, LA (station discontinued).	Lat 30°26'19", long 90°36'37", Livingston Parish, at bridge on State Highway 42, and 3.7 mi northwest of Springfield.	26.6	1964-69, 1971-83	4- 7-83	*19.94	2,850
07376520	Little Natalbany River at Albany, LA (station discontinued).	Lat 30°30'15", long 90°34'40", Livingston Parish, at bridge on U.S. Highway 190, and 0.3 mi east of Albany.	40.6	1966-83	4- 7-83	29.79	9,340
07377190	Sandy Creek south-east of Clinton, LA (station discontinued).	Lat 30°50'05", long 90°57'50", East Feliciana Parish, at bridge on State Highway 63, and 5.9 mi southeast of Clinton.	17.2	1966-83	4- 6-83	16.22	13,000
07377210	Sandy Creek near Pride, LA.	Lat 30°40'14", long 90°57'36", East Baton Rouge Parish, at bridge on Carlson Road, 0.8 mi east of intersection of Carlson Road with State Highway 409, and 1.9 mi southeast of Pride.	69.90	1976-83	4- 6-83	21.31	11,800
07377300	Amite River at Magnolia, LA (station discontinued).	Lat 30°32'05", long 90°58'50", East Baton Rouge Parish, at bridge on State Highway 64, and 0.4 mi east of Magnolia.	884	1949-83	4- 8-83	*50.97	75,700

See footnotes at end of the table.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1983--Continued

					Annual maximum		
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Gage height (feet)	Dis- charge (ft ³ /s)
Mississippi River Delta--Continued							
07377700	Redwood Creek near Slaughter, LA (station discontinued).	Lat 30°43'44", long 91°06'54", East Feliciana Parish, at bridge on State Highway 412, and 2.0 mi northeast of Slaughter.	41.1	1966-68e, 1969-83	4- 6-83	18.63	7,020
07378070	Beaver Bayou near Fred, LA.	Lat 30°37'32", long 91°03'08", East Baton Rouge Parish, at bridge on State Highway 946, 0.2 mi southwest of intersection of State Highways 64 and 946, and 3.6 mi southeast of Fred.	0.17	1975-83	4- 7-83 8- 2-83	12.46 12.56	(#) (#)
07379085	North Branch Ward Creek tributary at Baton Rouge, LA.	Lat 30°26'43", long 91°05'26", East Baton Rouge Parish, at culvert on U.S. Highway 61 at Baton Rouge, and 0.2 mi upstream from mouth.	.13	1969-83	6-27-83 8- 1-83	11.50 11.41	112 108
07380160	Middle Colyell Creek near Walker, LA (station discontinued).	Lat 30°29'45", long 90°50'30", Livingston Parish, at bridge on U.S. Highway 190, and 1.3 mi east of Walker.	20.3	1951-82	4- 7-83	6.24	1,850

- # Discharge not determined.
- * Elevation; National Geodetic Vertical Datum (NGVD) of 1929.
- a Datum different and unknown.
- b Corrected; figure previously published found in error.
- c Not previously published.
- d Drainage area not determined.
- e Operated as a continuous-record gaging station.
- f Including Terrys Creek.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

The following table contains annual maximum elevation for flood-profile stations. A flood-profile gage is a device which will register the peak elevation occurring between inspections. The date of the maximum elevation is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Where two or more sites on the same stream have annual peaks caused by different floods, these 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 1983

						Flood peak
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Elevation, in feet (NGVD)
Pearl River basin						
02491800	Bogue Chitto at Enon, LA.	Lat 30°43'10", long 90°05'00", St. Tammany Parish, at bridge on State Highway 437, 0.5 mi south of Enon.	1,107	1950-63, 1973-83	4- 8-83	*38.02
02492663	French Branch near Slidell, LA.	Lat 30°17'40", long 89°44'10", St. Tammany Parish, at bridge on State Highway 1092, 3.5 mi northeast of Slidell.	(#)	1966-83	4- 9-83	*11.72
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 Groom Road, 0.3 mi west of Baker.	(#)	1962-83	4- 6-83	64.02
07373980	Baker Canal near Baker, LA.	Lat 30°34'49", long 91°12'43", East Baton Rouge Parish, at bridge on U.S. Highway 61, 2.7 mi southwest of Baker.	(#)	1963-70 1971-83a	4- 6-83	59.11
Monte Sano Bayou basin						
07373993	Monte Sano Bayou at Ryan Airport, at Baton Rouge, LA.	Lat 30°32'08", long 91°09'32", East Baton Rouge Parish, at bridge on service road at Ryan Airport, 6.1 mi north of Baton Rouge Post Office.	(#)	1975-83	12- 4-82 8- 2-83	58.32 57.42
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.	(#)	1975-83	12- 4-82 8- 2-83	42.48 45.55
Mississippi River Delta						
07374570	Oakes diversion channel at Slidell, LA.	Lat 30°17'35", long 89°46'00", St. Tammany Parish, at culvert on Robert Road, 0.4 mi north of Gause Blvd., at Slidell.	(#)	1966-83	4- 9-83	13.66
07377215	Little Sandy Creek near Milldale, LA.	Lat 30°42'34", long 91°01'26", East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 2.9 mi north of Milldale.	(#)	1975-83	4- 6-83	*14.42
07377250	Sandy Creek near Greenwell Springs, LA.	Lat 30°36'08", long 90°59'37", East Baton Rouge Parish, at bridge on State Highway 37, 1.5 mi north of village of Greenwell Springs, LA.	(#)	1983a	4- 7-83	*26.80
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 mi west of Clinton.	6112	1949-65c, 1969-83	4- 6-83	179.40
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 mi northeast of Baton Rouge Post Office.	(#)	1962-83	4- 7-83	65.87
07377780	White Bayou at State Highway 64, near Zachary, LA.	Lat 30°38'10", long 91°07'38", East Baton Rouge Parish, at bridge 1.1 mi east of Zachary.	(#)	1962-75, 1977-83	4- 7-83	92.24
07377840	White Bayou near Baton Rouge, LA.	Lat 30°35'06", long 91°07'31", East Baton Rouge Parish, at bridge on Plank Road, 10.0 mi northeast of Baton Rouge Post Office.	(#)	1962-83	4- 7-83	73.23

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

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ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1983--Continued

					Flood peak	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Elevation, in feet (NGVD)
Mississippi River Delta--Continued						
07377890	Cypress Bayou at Baker, LA.	Lat 30°34'31", long 91°10'01", East Baton Rouge Parish, at bridge on Lavey Lane, 0.2 mi east of State Highway 19 at Baker.	(#)	1967-69, 1971-83	1983	<68.0
07377900	Cypress Bayou at Plank Road, near Baton Rouge, LA.	Lat 30°32'32", long 91°08'18", East Baton Rouge Parish, at bridge 6.9 mi northeast of Baton Rouge Post Office.	(#)	1962-65, 1967-83	4- 7-83	56.81
07377920	Cypress Bayou at Hooper Road, near Baton Rouge, LA.	Lat 30°31'42", long 91°06'35", East Baton Rouge Parish, at bridge 7.0 mi northeast of Baton Rouge Post Office.	(#)	1962-83	4- 7-83	56.42
07377933	Blackwater Bayou near Fred, LA.	Lat 30°35'52", long 91°04'46", East Baton Rouge Parish, at bridge on Dyer Road, 3.8 mi northeast of Baton Rouge Post Office.	(#)	1975-83	4- 7-83	*12.35
07377940	Blackwater Bayou near Baton Rouge, LA.	Lat 30°32'06", long 91°04'53", East Baton Rouge Parish, at bridge on Hooper Road, 8.5 mi northeast of Baton Rouge Post Office.	14.1	1962-83	4- 7-83	56.20
07378008	Hurricane Creek at Baton Rouge, LA.	Lat 30°28'55", long 91°07'41", East Baton Rouge Parish, at bridge on East Brookstown Drive, 3.9 mi northeast of Baton Rouge Post Office.	(#)	1967-83	4- 7-83	51.13
07378010	Hurricane Creek near Baton Rouge, LA.	Lat 30°28'14", long 91°05'20", East Baton Rouge Parish, at bridge on Joor Road, 6.2 mi northeast of Baton Rouge Post Office.	(#)	1962-83	4- 7-83	51.04
07378015	Roberts Canal at Baton Rouge, LA.	Lat 30°30'22", long 91°07'31", East Baton Rouge Parish, at bridge on Silverleaf Ave., 5.3 mi northeast of Baton Rouge Post Office.		1967, 1969-83	4- 7-83	51.55
07378020	Roberts Canal near Baton Rouge, LA.	Lat 30°29'55", long 91°05'17", East Baton Rouge Parish, at bridge on Joor Road, 6.6 mi northeast of Baton Rouge Post Office.	(#)	1962-83	4- 7-83	51.10
07378075	Beaver Bayou at Denham Road, near Baton Rouge, LA.	Lat 30°35'15", long 91°01'29", East Baton Rouge Parish, at culvert 13.7 mi northeast of Baton Rouge Post Office.	(#)	1972-83	4- 7-83 8- 2-83	*15.45 *15.27
07378091	Beaver Bayou trib. at Hooper Rd near Baton Rouge, LA.	Lat 30°33'24", long 91°01'52", East Baton Rouge Parish, at culvert, 12 mi northeast of Baton Rouge Post Office.	(#)	1983	4- 7-83 8- 2-83	60.64 60.22
07378100	Beaver Bayou at Wax Road, near Baton Rouge, LA.	Lat 30°32'34", long 91°01'14", East Baton Rouge Parish, at culvert 11.8 mi northeast of Baton Rouge Post Office.	9.49	1972-83	4- 7-83 8- 2-83	*17.47 *17.74
07378595	Jones Creek at Airline Highway, at Baton Rouge, LA.	Lat 30°27'12", long 91°05'15", East Baton Rouge Parish, at culvert 5.1 mi northeast of Baton Rouge Post Office.	(#)	1967-83	8- 2-83	49.12
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 mi east of Baton Rouge Post Office.	(#)	1962-83	8- 2-83	45.18

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1983--Continued

					Flood peak	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Elevation, in feet (NGVD)
Mississippi River Delta--Continued						
07378635	Lively Bayou northeast of Baton Rouge, LA.	Lat 30°28'14", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 9.0 mi east of Baton Rouge Post Office.	(#)	1967-83	8- 2-83	43.45
07378640	Lively Bayou east of Baton Rouge, LA.	Lat 30°27'40", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 8.9 mi east of Baton Rouge Post Office.	(#)	1967-83	8- 2-83	42.03
07378645	Lively Bayou southeast of Baton Rouge, LA.	Lat 30°26'47", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 8.8 mi southeast of Baton Rouge Post Office.	(#)	1967-83	8- 2-83	*38.21
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 mi east of Baton Rouge Post Office.	(#)	1962-83	8- 2-83	38.24
07378670	Weiner Creek near Baton Rouge, LA	Lat 30°25'08", long 91°03'55", East Baton Rouge Parish, at bridge, on Stanley Aubin Drive, 7.3 mi southeast of Baton Rouge Post Office.	(#)	1967-83	12- 4-82	43.39
07378700	Jones Creek near Woodlawn School, near Baton Rouge, LA.	Lat 30°24'50", long 91°00'50", East Baton Rouge Parish, at bridge on Jones Creek Road, 1.6 mi north of Woodlawn School, and 10.5 mi east of Baton Rouge Post Office.	19.5	1967-83	8- 2-83	30.21
07378710	Amite River near Baton Rouge, LA.	Lat 30°23'52", long 90°58'23", East Baton Rouge Parish, 0.2 mi downstream from Jones Creek, and 13.0 mi southeast of Baton Rouge Post Office.	(#)	1968-79, 1981-83	4- 8-83	29.23
07378720	Clay Cut Bayou at Siegen Lane, near Baton Rouge, LA.	Lat 30°23'46", long 91°03'20", East Baton Rouge Parish, at bridge 7.9 mi southeast of Baton Rouge Post Office.	(#)	1967-83	4- 8-83 8- 2-83	26.73 28.01
07378725	Clay Cut Bayou near Hope Villa, LA.	Lat 30°22'23", long 90°58'10", East Baton Rouge Parish, at bridge on Tiger Bend Road, 2.3 mi northeast of Hope Villa.	(#)	1967-83	4- 8-83 8- 2-83	25.94 18.38
07378780	Bayou Fountain at Ben Hur Road, at Baton Rouge, LA.	Lat 30°23'30", long 91°09'36", East Baton Rouge Parish, at bridge 4.2 mi southeast of Baton Rouge Post Office.	(#)	1962-83	12- 4-82 4- 8-83 8- 2-83	17.76 17.64 17.65
07378788	Elbow Bayou at Baton Rouge, LA (station discontinued).	Lat 30°21'27", long 91°10'20", East Baton Rouge Parish, at bridge on Ben Hur Road, and 6.3 mi southeast of Baton Rouge Post Office.	(#)	1981-83a	4- 7-83 5-23-83	18.34 18.63
07378790	Elbow Bayou tributary at Baton Rouge, LA (station discontinued).	Lat 30°22'29", long 91°10'08", East Baton Rouge Parish, at bridge on Ben Hur Road, and 5.3 mi southeast of Baton Rouge Post Office.	(#)	1967-75,d 1981-83a	4- 7-83 5-23-83	17.76 18.19
07378792	Elbow Bayou near Baton Rouge, LA (station discontinued).	Lat 30°22'09", long 91°09'27", East Baton Rouge Parish, at bridge on State Highway 30, and 5.8 mi southeast of Baton Rouge Post Office.	(#)	1981-83a	4- 7-83 5-23-83	17.08 16.99
07378800	Bayou Fountain at Gardere Lane, near Baton Rouge, LA.	Lat 30°21'52", long 91°07'16", East Baton Rouge Parish, at bridge 6.9 mi southeast of Baton Rouge Post Office.	(#)	1962-66, 1969-83	12- 4-82 4- 8-83 8- 2-83	14.48 15.58 15.81

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1983--Continued

					Flood peak	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Elevation, in feet (NCVD)
Mississippi River Delta--Continued						
07378805	Bayou Fountain tributary near Baton Rouge, LA.	Lat 30°21'00", long 91°04'54", East Baton Rouge Parish, at culvert on Highland Road, 9.1 mi southeast of Baton Rouge Post Office.	(#)	1967-83	12- 4-83 4- 8-83 8- 2-83	10.71 14.30 11.27
07379000	Ward Creek at Government Street, at Baton Rouge, LA.	Lat 30°26'40", long 91°08'35", East Baton Rouge Parish, on downstream end of culvert on Government Street, and 2.4 mi east of Baton Rouge Post Office.	4.04	1954-67e, 1969-73, 1975-83a	8- 1-83	42.01
07379010	Ward Creek at College Drive, at Baton Rouge, LA.	Lat 30°26'08", long 91°07'59", East Baton Rouge Parish, at bridge 3.5 mi southeast of Baton Rouge Post Office.	(#)	1970-83	8- 1-83	39.31
07379050	Ward Creek at Essen Lane, near Baton Rouge, LA.	Lat 30°24'17", long 91°06'12", East Baton Rouge Parish, at bridge 5.7 mi southeast of Baton Rouge Post Office.	(#)	1963-70, 1975-83	8- 1-83	28.35
07379090	North Branch Ward Creek at Good- wood Blvd., at Baton Rouge, LA.	Lat 30°26'34", long 91°05'57", East Baton Rouge Parish, at bridge 5.5 mi southeast of Baton Rouge Post Office.	(#)	1968-83	6-27-83 8- 1-83	37.62 39.61
07379100	North Branch Ward Creek at Baton Rouge, LA.	Lat 30°25'04", long 91°05'29", East Baton Rouge Parish, at bridge on Jefferson Highway, 5.9 mi southeast of Baton Rouge Office.	(#)	1962-83	6-27-83 8- 1-83	28.82 30.32
07379400	Dawson Creek at Perkins Road, at Baton Rouge, LA.	Lat 30°24'37", long 91°07'53", East Baton Rouge Parish, 4.1 mi southeast of Baton Rouge Post Office.	(#)	1962-83	8- 2-83	23.04
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 mi south of Baton Rouge Post Office.	.56	1971-83	8- 2-83	26.08
07379503	Corporation Canal at East Roose- velt St., at Baton Rouge, LA.	Lat 30°25'18", long 91°10'36", East Baton Rouge Parish, at bridge 2.0 mi southeast of Baton Rouge Post Office.	d1.31	1971-83	8- 2-83	23.66
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 mi southeast of Baton Rouge Post Office.	d1.44	1971-83	8- 2-83	22.92
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 mi southeast of Baton Rouge Post Office.	1.64	1971-83	8- 2-83	21.88
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 mi southeast of Baton Rouge Post Office.	2.43	1971-83	8- 2-83	21.91
07379550	Bayou Duplantier at Lee Drive, at Baton Rouge, LA.	Lat 30°24'05", long 91°09'09", East Baton Rouge Parish, at bridge 3.8 mi south of Baton Rouge Post Office.	(#)	1962-70 1971-83a	8- 2-83	22.57
07379950	Dawson Creek at Staring Lane, near Baton Rouge, LA.	Lat 30°23'19", long 91°06'42", East Baton Rouge Parish, at bridge 6.0 mi southeast of Baton Rouge Post Office.	(#)	1962-83	8- 2-83	22.41
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 mi downstream from Dawson Creek, and 8.5 mi southeast of Baton Rouge Post Office.	40.0	1947-53e, 1955-68c, 1972-83a	8- 2-83	21.15

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1983--Continued

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Flood peak	
					Date	Elevation, in feet (NGVD)
Mississippi River Delta--Continued						
07380103	Muddy Creek at Prairieville, LA.	Lat 30°18'21", long 90°57'33", Ascension Parish, at bridge on unnumbered parish road, and 0.8 mi northeast of Prairieville.	(#)	1980-83a	8- 2-83	20.85
07380104	Muddy Creek tributary near Prairieville, LA.	Lat 30°18'24", long 90°56'51", Ascension Parish, at bridge on Tillotson Road, and 1.5 mi northeast of Prairieville.	(#)	1980-83	8- 2-83	20.55
07380106	Muddy Creek near Oak Grove, LA.	Lat 30°19'44", long 90°57'15", Ascension Parish, at bridge on State Highway 42, and 1.3 mi east of Oak Grove.	(#)	1981-83	8- 2-83	20.18
07380122	Henderson Bayou near Duplessis, LA.	Lat 30°18'05", long 90°54'17", Ascension Parish, at bridge on Parish Road 932, and 3.6 mi northeast of Duplessis.	(#)	1981-83	4- 9-83 8- 2-83	14.33 14.84
07380123	Henderson Bayou tributary near Duplessis, LA.	Lat 30°17'55", long 90°54'37", Ascension Parish, at bridge on unnumbered parish road, and 2.4 mi northeast of Duplessis.	(#)	1981-83	4- 9-83 8- 2-83	16.26 17.17
07380124	Henderson Bayou tributary at Galvez, near Duplessis, LA.	Lat 30°18'11", long 90°54'18", Ascension Parish, at bridge on Parish Road 932, 0.2 mi north of Galvez, and 3.0 mi northeast of Duplessis.	(#)	1981-83	4- 9-83 8- 2-83	14.47 14.17
07380125	Henderson Bayou tributary No. 2 near Duplessis, LA.	Lat 30°17'55", long 90°53'55", Ascension Parish, at bridge on unnumbered parish road, and 3.2 mi northeast of Duplessis.	(#)	1981-83	4- 9-83 8- 2-83	14.38 13.97
07380126	Henderson Bayou near Port Vincent, LA.	Lat 30°17'50", long 90°53'01", Ascension Parish, at bridge on Henderson River Road, and 3.1 mi southwest of Port Vincent.	(#)	1981-83d	4- 9-83 8- 2-83	*22.28 *18.90
07380223	New River at Gonzales, LA.	Lat 30°14'12", long 90°54'43", Ascension Parish, at bridge on U.S. Highway 61, 0.5 mi northeast of Gonzales water tower.	(#)	1963-83	8- 2-83	9.51
073802238	Black Bayou near Prairieville, LA.	Lat 30°17'55", long 90°56'16", Ascension Parish, at bridge on unnumbered parish road, and 2.0 mi east of Prairieville.	(#)	1980-83	8- 2-83	18.35
073802239	Black Bayou north- east of Duplessis, LA.	Lat 30°17'03", long 90°55'34", Ascension Parish, at bridge on Parish Road 931, and 1.2 mi northeast of Duplessis.	(#)	1980-83	8- 2-83	15.15
07380224	Black Bayou near Duplessis, LA.	Lat 30°16'36", long 90°55'16", Ascension Parish, at bridge on State Highway 44, and 1.2 mi northeast of Duplessis.	(#)	1965-70e, 1981-83	8- 2-83	13.45
07380226	Bayou Francois near Gonzales, LA.	Lat 30°13'57", long 90°56'49", Ascension Parish, at bridge on State Highway 429, 1.8 mi west of Gonzales water tower.	(#)	1963-83	8- 2-83	6.73
07380227	Bayou Francois at Gonzales, LA.	Lat 30°13'35", long 90°55'14", Ascension Parish, at bridge on State Highway 44, 0.4 mi southwest of Gonzales water tower.	(#)	1963-83	8- 2-83	8.53

See footnotes at end of the table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

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ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1983--Continued

					Flood peak	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Elevation, in feet (NGVD)
Mermentau River basin						
08011000	Bayou Plaquemine Brule near Crowley, LA.	Lat 30°14'09", long 92°23'44", Acadia Parish, at bridge on State Highway 100, and 1.8 mi northwest of Crowley.	254	1943-47e, 1966-74, 1975-79a, 1980-83	12-27-82	*17.45
08012431	East Bayou Lacassine at Welsh, LA.	Lat 30°13'50", long 92°49'15", Jefferson Davis Parish, at bridge on unnumbered parish road, 0.6 mi south of Welsh.	(#)	1979-83	5-23-83	*18.60
08012436	Bayou Grand Marais near Jennings, LA.	Lat 30°13'53", long 92°41'25", Jefferson Davis Parish, at bridge on U.S. Highway 90, and 2.0 mi west of Jennings.	(#)	1979-83	5-23-83	*16.23
08012445	Bayou Chene near Welsh, LA.	Lat 30°09'24", long 92°46'06", Jefferson Davis Parish, at bridge on unnumbered parish road, 6.0 mi southeast of Welsh.	106	1969-83	5-23-83	*19.91

* Gage datum; NGVD of gage not determined.

Drainage area not determined.

a Continuous water-stage recorder.

b Including Pretty Creek.

c Operated as a crest-stage partial-record station.

d Approximately.

e Operated as a continuous-record gaging station.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 1983

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements Date	Discharge (ft ³ /s)
Pearl River basin						
Coburn Creek	Pearl River	Lat 30°47'46", long 89°50'46", Washington Parish, at bridge on State Highway 21, and 1.0 mi southeast of Bogalusa water tower.	7.96	---	4-13-80 4- 6-83	al,200 619
Pearl River	Lake Borgne	Lat 30°18'10", long 89°38'30", St. Tammany Parish, at bridge on Interstate Highway 10, 8.8 mi east of Slidell, LA.	8,700	1961, 1974	4-10-83	223,000
West Pearl River	Lake Borgne	Lat 30°13'49", long 89°40'10", St. Tammany Parish, at bridge on State Highway 90, and 7.2 mi southeast of Slidell, LA.	(#)	1960, 1981	10-14-82 4-11-83	1,230 182,000
Mississippi River main stem						
Mississippi River	Gulf of Mexico	Lat 30°29'29", long 91°11'50", *1,125,810 East Baton Rouge-West Baton Parish line, 1.0 mi downstream from U.S. Highway 190 bridge, and at Baton Rouge, LA.		1941-58b, 1973-76, 1979-82	1-13-83 5- 5-83 5-12-83 5-17-83 5-19-83 5-23-83 5-26-83 6-17-83	1,070,000 1,000,000 1,189,000 1,270,000 1,250,000 1,490,000 1,470,000 1,170,000
Mississippi River Delta						
Tangipahoa River	Lake Pontchar- train	Lat 30°46'30", long 90°29'53", Tangipahoa Parish, at bridge on State Highway 10, and 0.7 mi east of Arcola, LA.	381	1969c, 1982	10- 4-82 11- 8-82 12-13-82 1-10-83 2-14-83 5- 9-83 6-13-83 7-11-83 8-15-83	239 204 792 748 852 435 535 391 543
Amite River	Lake Maurepas	Lat 30°44'10", long 90°50'30", East Feliciana-St. Helena Parish line, at bridge on State Highway 37, and 0.5 mi southwest of Grangeville, LA.	741	1951-63a, 1964-77d, 1982c	10- 4-82 11- 8-82 11-15-82 12-13-82 1-10-83 2-14-83 5- 9-83 6-13-83 7-11-83 8-15-83	282 321 278 1,060 3,660 1,670 752 687 627 682
Muddy Creek	Bayou Manchac	Lat 30°19'44", long 90°57'15", Ascension Parish, at bridge on State Highway 42, and 1.3 mi east of Oak Grove, LA.	(#)	1980	6-12-81	125
Amite River	Lake Maurepas	Lat 30°19'57", long 90°51'07", Livingston Parish, at bridge on State Highway 42 at Port Vincent, LA, and 0.5 mi downstream from Grays Creek.	1,596	1951c, 1982c	10- 5-82 11-15-82 12-14-82 1-10-83 2-15-83 5-10-83 6-14-83 7-12-83 8-16-83 8-30-83	682 677 2,700 7,590 3,640 1,080 1,130 1,060 773 806
Henderson Bayou	Lake Villars	Lat 30°17'50", long 90°53'01", Ascension Parish, at bridge on unnumbered parish road, and 3.1 mi southwest of Port Vincent, LA.	(#)	1980	6-12-81	120
Black Bayou	New River	Lat 30°16'36", long 90°55'16", Ascension Parish, at bridge on State Highway 44, and 1.2 mi northeast of Duplessis, LA.	3.66	1964-70b, 1980	6-12-81	181

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 1983--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
Mermentau River basin						
Bayou Nezpique	Mermentau River	Lat 30°35'00", long 92°35'53", Evangeline Parish, at bridge on State Highway 104, and 7.2 mi north of Basile, LA.	(#)	---	6-15-81	1600
					7-28-81	29
					9- 3-81	7.0

Drainage area not determined.

* Owing to interchange of flow between basins,
drainage area is arbitrarily determined.

a Not previously published.

b Operated as a continuous-record gaging station.

c Unpublished records on file in district office.

d Operated as a flood-profile partial-record station.

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER DELTA

291620089210200 MISSISSIPPI RIVER AT THE JUMP, AT VENICE, LA (CE 01500)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
01...	1605	25.0	130
05...	1400	25.0	130
13...	1230	24.0	310
15...	1030	24.0	380
19...	1400	24.0	360
20...	1335	23.0	300
25...	1430	23.0	160
26...	1100	21.0	170
27...	1410	22.0	150
28...	1215	22.0	170
NOV			
01...	0930	21.0	360
02...	1430	22.0	410
03...	1130	21.0	560
04...	1000	20.0	1400
05...	0930	19.0	720
08...	0900	19.0	320
12...	1230	19.0	490
15...	1430	17.0	530
16...	0800	17.0	390
18...	0700	17.5	280
19...	1500	18.0	270
22...	1415	17.5	180
23...	0815	17.0	200
24...	1000	16.5	270
29...	0830	16.0	90
30...	1100	15.0	42
DEC			
02...	1230	16.5	36
03...	1145	16.5	30
06...	1445	15.0	28
07...	1045	16.0	30
08...	0900	15.0	32
09...	1430	15.0	33
10...	1415	16.0	29
13...	1500	14.0	38
14...	1415	14.0	26
15...	1415	13.5	25
17...	1030	13.0	20
20...	1500	12.0	18
21...	1430	11.5	20
22...	0830	11.5	17
23...	0900	11.0	23
30...	1245	12.0	36
JAN			
03...	1515	11.5	48
04...	1430	12.0	23
05...	1400	11.0	75
06...	1440	11.5	21
12...	1515	11.0	18
13...	1300	10.5	24
14...	1500	11.0	19
19...	1915	9.0	20
20...	1400	10.0	13
27...	1300	8.5	12
28...	1300	8.5	20
31...	1230	9.0	21
FEB			
01...	1400	9.0	22
02...	1430	9.5	22
17...	1430	9.5	24
18...	1515	10.0	25
22...	0930	10.0	25
24...	1330	11.0	30
MAR			
01...	1430	12.0	25
04...	1030	12.5	26
08...	1400	13.0	24
10...	1100	13.5	28
16...	1335	13.5	24
APR			
01...	1330	13.5	24
06...	1130	14.0	29
08...	1330	13.5	23
14...	1435	14.0	29
19...	1230	15.0	24

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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LOWER MISSISSIPPI RIVER DELTA

291620089210200 MISSISSIPPI RIVER AT THE JUMP, AT VENICE, LA (CE 01500)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
MAY			
09...	1445	19.0	24
11...	1330	20.0	22
13...	1500	20.0	26
25...	1437	22.0	18
26...	1451	22.0	16
27...	1525	23.0	17
JUN			
02...	1318	23.0	20
07...	1318	23.0	16
08...	1406	24.0	20
09...	1305	23.5	20
10...	1330	23.0	20
21...	0758	25.0	16
24...	1300	26.0	20
27...	1407	25.0	20
29...	1505	25.5	16
JUL			
01...	1423	26.5	20
08...	1016	28.0	24
11...	1411	29.0	20
12...	0904	29.0	26
27...	1245	30.0	28
AUG			
09...	1426	30.0	26
11...	1429	30.0	29
12...	1446	30.0	31
30...	1436	31.0	460
SEP			
02...	1532	31.0	480
06...	1343	30.0	280
07...	1359	30.0	290
09...	1406	30.0	290
12...	1346	29.5	340
13...	1509	29.5	430
14...	1457	29.5	440
15...	2145	29.5	370
16...	1314	29.5	380
20...	1211	29.0	800
21...	1317	28.0	620
23...	1110	27.5	600
26...	1223	27.0	660
28...	1500	27.0	540
30...	1426	26.5	540

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07381468 BAYOU BOEUF AT U.S. HIGHWAY 190, AT AMELIA, LA (CE 52800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	TEMPER- ATURE (DFG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
04...	1115	25.0	26
18...	0745	21.0	35
NOV			
15...	0755	15.5	52
29...	0735	15.5	18
DEC			
06...	1150	19.0	25
20...	0830	13.0	20
27...	0830	16.0	22
JAN			
10...	0745	15.0	22
24...	0745	17.5	19
FEB			
07...	0745	10.0	18
18...	1115	14.0	20
MAR			
07...	0755	17.0	24
18...	0835	17.5	18
21...	0810	15.0	20
28...	0750	16.0	20
APR			
01...	0820	16.0	18
11...	1245	19.0	20
25...	0730	19.5	16
MAY			
02...	0755	20.5	23
16...	0755	21.5	22
JUN			
13...	0900	26.5	20
20...	1300	26.0	18
27...	0800	24.5	20
JUL			
11...	0800	25.0	14
25...	1035	31.0	20
AUG			
08...	0730	27.0	10
22...	0835	29.0	14
SEP			
02...	0850	30.0	21
19...	0830	27.0	19

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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MISSISSIPPI RIVER DELTA

07385800 BAYOU TECHE NEAR FRANKLIN, LA (CE 64543)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
06...	0845	26.0	26
13...	0800	23.0	20
19...	0945	22.0	33
26...	0915	18.0	26
NOV			
03...	0825	20.5	28
09...	0945	18.0	28
16...	1030	15.0	26
23...	1015	19.0	34
30...	0730	16.0	34
DEC			
07...	0930	14.0	28
15...	0930	14.0	20
21...	0915	12.0	20
29...	1000	16.5	20
JAN			
05...	0900	12.0	18
12...	0900	12.0	18
26...	1010	11.0	15
FEB			
01...	0900	13.5	13
09...	0850	13.0	16
16...	0900	14.0	17
24...	0900	16.0	16
MAR			
02...	0915	13.5	21
09...	0840	18.0	20
13...	0815	20.0	14
16...	0810	16.0	19
23...	0815	14.5	21
30...	0820	16.5	32
APR			
06...	0825	18.5	32
27...	0805	20.0	11
MAY			
03...	1030	22.0	22
11...	0900	21.5	25
18...	0805	24.0	24
JUN			
07...	1020	25.0	21
15...	0815	25.0	20
22...	0900	26.0	20
29...	0830	26.5	26
JUL			
13...	0815	27.5	26
19...	1015	30.5	28
27...	0835	30.5	25
AUG			
02...	0950	28.0	24
17...	0835	29.0	34
25...	0830	30.0	32
31...	0915	31.0	35
SEP			
07...	0815	27.0	20
07...	1015	29.5	25
14...	0815	27.0	20
21...	0825	26.0	26
28...	0945	25.0	23

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

294508091234100 BAYOU TECHE AT VERDUNVILLE, LA (CE 64563)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
05...	1015	25.0	24
12...	0915	25.0	24
19...	0930	22.0	32
26...	0845	18.5	30
NOV			
02...	0915	19.5	28
09...	0915	17.5	28
16...	1015	14.0	30
23...	0900	16.0	30
30...	0905	15.0	40
DEC			
07...	0815	19.5	20
14...	0855	13.5	22
21...	0850	12.0	26
28...	1100	15.0	20
JAN			
04...	1000	11.5	18
12...	0845	12.0	18
18...	0845	12.0	18
25...	0954	10.0	14
FEB			
01...	0851	15.0	16
09...	1030	13.0	12
15...	1015	14.0	15
22...	1145	16.0	24
MAR			
01...	1015	13.0	20
08...	0910	18.5	18
15...	0845	16.0	19
21...	0815	17.5	18
29...	0930	16.0	18
APR			
05...	0940	20.0	19
12...	0905	20.0	13
19...	1100	17.5	19
26...	0905	19.0	14
MAY			
03...	1010	22.0	20
10...	0930	23.0	15
17...	0945	23.5	18
JUN			
07...	1230	26.5	20
14...	1015	28.0	16
28...	1030	27.0	10
JUL			
12...	1005	29.5	26
19...	0950	29.5	28
26...	1035	30.0	24
AUG			
02...	0930	28.5	25
16...	1020	30.0	34
23...	0935	30.0	32
30...	0950	30.0	30
SEP			
06...	1045	30.0	28
13...	0930	27.0	22
20...	1020	28.0	28
27...	1030	27.0	26

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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MISSISSIPPI RIVER DELTA

07385900 BAYOU TECHE NEAR PATTERSON, LA (CE 64800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
05...	0905	26.0	26
12...	0845	26.0	26
19...	0830	23.0	26
26...	0810	20.0	26
NOV			
02...	0830	20.5	26
09...	0840	19.5	26
16...	0840	16.0	29
23...	0850	21.0	28
DEC			
07...	0730	18.0	33
15...	0815	13.0	22
21...	0800	15.0	31
28...	1215	18.0	32
JAN			
04...	0900	12.5	28
10...	1105	16.0	29
18...	0750	12.0	24
25...	0813	12.0	28
FEB			
01...	0815	14.0	27
07...	1100	12.0	30
15...	0915	13.0	28
22...	1005	15.5	26
MAR			
01...	0920	14.0	32
08...	0820	17.0	32
15...	0810	18.0	32
22...	0820	18.0	31
29...	0820	16.0	25
APR			
05...	0830	18.5	30
12...	0810	19.5	25
19...	0930	19.0	25
26...	0900	20.5	24
MAY			
03...	0855	23.0	17
10...	0835	22.0	27
17...	0820	24.0	23
JUN			
07...	0930	27.5	24
14...	0930	29.0	26
21...	0805	27.5	26
28...	0815	29.5	23
JUL			
12...	0850	30.0	24
19...	0905	30.0	29
26...	0900	31.0	26
02...	0830	29.0	25
16...	0900	30.0	26
23...	0850	30.0	25
30...	0900	31.0	23
SEP			
06...	0830	30.0	26
13...	0825	29.0	36
20...	0900	28.0	26
27...	0900	28.0	26

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

293827091192200 INTRACOASTAL WATERWAY AT WAX LAKE (EAST) CONTROL STRUCTURE, NEAR PATTERSON, LA (CE 76440)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
05...	1200	26.0	29
13...	0930	23.0	36
19...	1200	23.0	34
26...	1040	19.0	30
NOV			
02...	1035	20.0	26
10...	1400	19.0	32
16...	1410	17.0	40
23...	1140	17.0	34
DEC			
07...	1215	17.0	39
15...	1210	13.0	20
21...	1145	12.0	16
28...	0915	12.0	16
JAN			
05...	1230	12.0	21
10...	1300	12.0	30
18...	1000	9.5	14
25...	1120	9.0	17
FEB			
09...	1315	10.0	18
15...	1100	11.0	18
22...	1345	14.0	21
MAR			
01...	1115	12.0	30
08...	1045	13.0	18
15...	0950	14.0	22
22...	1145	12.5	24
29...	1100	15.0	21
APR			
05...	1120	15.0	28
12...	1050	16.0	26
19...	1245	16.5	24
26...	1050	17.5	24
MAY			
03...	1335	18.5	28
12...	0905	20.0	22
17...	1125	21.0	20
JUN			
07...	1315	23.0	20
14...	1120	24.0	23
21...	1015	25.0	22
28...	1036	26.0	26
JUL			
12...	1145	29.5	30
19...	1315	30.5	30
02...	1210	30.0	26
16...	1325	30.0	39
30...	1120	31.5	37
SEP			
13...	1045	28.0	40
18...	1015	28.0	36
27...	1140	27.0	40

MISSISSIPPI RIVER DELTA

294022091265500 WAX LAKE (WEST) DRAINAGE AREA AT CONTROL STRUCTURE, NEAR PATTERSON, LA (CE 76520)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
05...	1115	24.5	36
13...	0905	23.0	35
19...	1135	22.5	28
26...	1000	19.0	26
NOV			
02...	1000	20.0	34
09...	1300	18.5	40
16...	1335	16.5	36
23...	1105	17.0	36
DEC			
07...	1136	16.5	20
15...	1125	12.5	18
21...	1045	12.0	26
28...	1030	18.0	19
JAN			
05...	1146	11.5	28
10...	1255	12.0	18
18...	0915	9.0	18
25...	1015	9.0	17
FEB			
07...	1230	9.5	18
15...	1030	10.5	24
22...	1300	14.0	26
MAR			
01...	1000	12.0	32
08...	0955	14.0	18
15...	0915	14.0	19
22...	1050	13.0	24
APR			
05...	1030	15.5	29
19...	1200	15.5	34
26...	1015	16.5	22
MAY			
03...	1250	18.0	33
11...	1040	20.0	28
17...	1035	20.5	22
JUN			
07...	1230	23.5	21
14...	1040	24.5	20
21...	1100	25.5	20
JUL			
12...	1115	30.0	25
19...	1240	30.0	30
26...	1135	30.0	24
AUG			
16...	1210	29.5	37
25...	1045	30.0	34
30...	1025	31.0	30
SEP			
07...	1300	30.0	38
20...	1130	28.0	34
28...	1145	26.5	25

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CALCASIEU RIVER BASIN

08017016 HOUSTON RIVER EAST OF BUHLER, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SAM- PLING DEPTH (FEET)	SPF- CIFIC CON- DUCT- ANCE (UMHOS)
OCT			
21...	1220	1.00	504
21...	1225	10.0	564
21...	1230	20.0	9010
NOV			
19...	0840	1.00	1805
19...	0845	10.0	11210
19...	0850	20.0	11760
DEC			
09...	1000	1.00	57
09...	1005	10.0	57
09...	1010	20.0	56
JAN			
13...	1200	1.00	38
13...	1205	10.0	39
13...	1210	20.0	39
FEB			
24...	1300	1.00	43
24...	1305	10.0	44
24...	1310	20.0	46
MAR			
09...	1300	1.00	71
09...	1305	10.0	71
09...	1310	20.0	71
APR			
04...	1045	1.00	55
04...	1050	10.0	57
04...	1055	20.0	57
MAY			
12...	1215	1.00	127
12...	1220	10.0	93
12...	1225	20.0	100
JUN			
07...	1105	1.00	56
07...	1110	10.0	55
07...	1115	20.0	55
JUL			
14...	0945	1.00	67
14...	0950	10.0	68
14...	0955	20.0	69
AUG			
15...	1145	1.00	35
15...	1150	10.0	35
15...	1155	20.0	35
SEP			
08...	1340	1.00	59
08...	1345	10.0	58
08...	1350	20.0	58

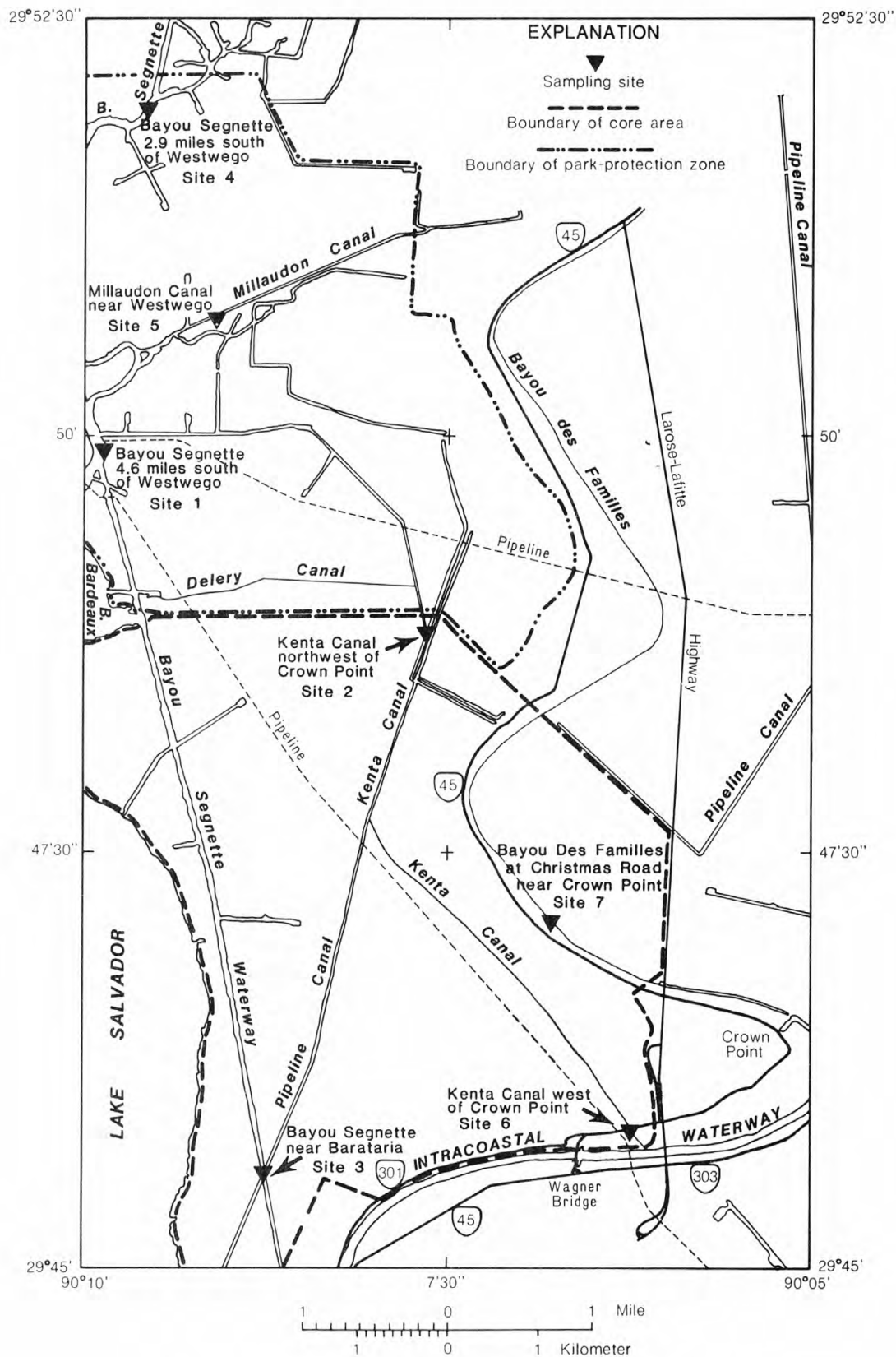


Figure 16.--Location of sampling sites in the Barataria unit,
Jean Lafitte National Historical Park.

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY

The following water-quality sites were sampled as part of an ongoing basic-data study on the Barataria Unit of the Jean Lafitte National Historical Park, in cooperation with the National Park Service.

294702090064300 BAYOU DES FAMILLES AT CHRISTMAS ROAD (SITE 7), NEAR CROWN POINT, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, UM-MF (COLS./100 ML)
OCT 28...	1030	773	6.5	15.5	80	2.0	4.2	--	K70
NOV 23...	0955	975	6.5	20.0	100	1.0	.2	6.4	K360
DEC 16...	1005	398	6.5	12.5	120	15	2.5	4.6	K690
JAN 26...	1200	615	6.5	10.5	70	3.0	7.0	4.2	K25
FEB 23...	1230	483	6.2	15.0	70	7.0	2.0	3.7	330
MAR 23...	1310	633	6.5	13.0	70	5.0	.7	6.2	K30
APR 21...	1310	282	5.3	16.5	70	2.0	.8	2.4	120
MAY 26...	1245	411	6.6	23.0	100	3.0	1.0	5.1	K40
JUN 16...	1300	290	6.5	25.5	70	2.0	2.7	4.5	340
JUL 28...	1345	293	6.3	26.5	100	3.0	1.0	7.9	14
AUG 25...	1200	381	6.7	31.0	100	5.0	8.4	8.3	33
SEP 27...	1230	413	6.4	22.5	70	2.0	3.3	4.6	1200

DATE	STREPTOCOCCUS FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CaCO3)	CALCIUM, DISSOLVED (MG/L AS Ca)	MAGNESIUM, DISSOLVED (MG/L AS Mg)	SODIUM, DISSOLVED (MG/L AS Na)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY, FIELD (MG/L AS CaCO3)	SULFATE, DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS Cl)
OCT 28...	5700	140	33	14	110	2.1	91	28	170
NOV 23...	2600	--	--	--	--	--	114	--	--
DEC 16...	6000	--	--	--	--	--	56	--	--
JAN 26...	980	120	29	11	74	3.3	78	15	130
FEB 23...	6800	--	--	--	--	--	66	--	--
MAR 23...	2100	--	--	--	--	--	102	--	--
APR 21...	3400	68	17	6.1	31	1.3	51	10	49
MAY 26...	4200	--	--	--	--	--	77	--	--
JUN 16...	3600	--	--	--	--	--	57	--	--
JUL 28...	K14000	90	20	6.7	30	1.2	68	13	45
AUG 25...	14000	--	--	--	--	--	77	--	--
SEP 27...	3600	--	--	--	--	--	77	--	--

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294702090064300 BAYOU DES FAMILLES AT CHRISTMAS ROAD (SITE 7), NEAR CROWN POINT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 28...	.2	13	444	425	<.1	.08	.7	.18
NOV 23...	--	--	--	--	.26	.25	1.3	.30
DEC 16...	--	--	--	--	.25	.23	1.4	.43
JAN 26...	.2	8.1	368	318	.11	.13	.6	.23
FEB 23...	--	--	--	--	.2	.11	1.4	.19
MAR 23...	--	--	--	--	<.1	.05	.9	.51
APR 21...	.1	6.1	155	152	<.1	.06	.6	.29
MAY 26...	--	--	--	--	<.1	.13	1.1	.35
JUN 16...	--	--	--	--	--	--	--	.20
JUL 28...	.2	9.7	188	173	<.1	.17	1.2	.24
AUG 25...	--	--	--	--	<.1	.10	1.3	.37
SEP 27...	--	--	--	--	<.1	.38	2.1	.51

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES
 JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued
 294551090061500 KENTA CANAL (SITE 6) WEST OF CROWN POINT, LA
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD) UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 28...	1130	1970	7.4	20.0	50	40	7.4	--	200
NOV 23...	0940	1950	7.3	21.0	30	35	7.5	4.7	440
DEC 16...	1030	991	6.5	12.0	100	4.0	4.2	4.3	250
JAN 26...	1215	1540	6.8	12.0	60	8.5	8.7	2.2	230
FEB 23...	1245	934	6.5	15.0	70	45	5.8	3.7	K910
MAR 23...	1330	1320	6.9	14.5	70	20	8.0	3.7	K260
APR 21...	1325	925	5.7	19.0	70	10	5.6	2.9	K1500
MAY 26...	1300	422	6.8	23.5	80	3.0	4.5	.9	160
JUN 16...	1310	784	6.9	27.5	60	4.0	2.5	3.9	K180
JUL 24...	1330	1230	7.1	29.0	100	9.0	2.5	2.8	100
AUG 25...	1210	1220	7.1	31.0	120	5.0	3.3	3.5	410
SEP 27...	1240	648	7.0	24.0	20	25	6.4	2.1	230

DATE	TIME	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 28...	15000	260	50	33	310	11	96	96	530	
NOV 23...	1900	--	--	--	--	--	121	--	--	--
DEC 16...	15000	--	--	--	--	--	51	--	--	--
JAN 26...	9300	180	32	24	230	6.7	68	42	410	
FEB 23...	K25000	--	--	--	--	--	75	--	--	--
MAR 23...	12000	--	--	--	--	--	88	--	--	--
APR 21...	9100	120	21	16	150	.9	45	23	240	
MAY 26...	6000	--	--	--	--	--	94	--	--	--
JUN 16...	>10000	--	--	--	--	--	81	--	--	--
JUL 24...	6400	160	32	20	180	3.2	84	10	330	
AUG 25...	19000	--	--	--	--	--	85	--	--	--
SEP 27...	3600	--	--	--	--	--	114	--	--	--

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

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294551090061500 KENTA CANAL (SITE 6) WEST OF CROWN POINT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS P)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DTS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DTS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 24...	.3	11	1090	1100	1.1	.16	1.1	.05
NOV 23...	--	--	--	--	1.3	.37	1.4	.19
DEC 16...	--	--	--	--	.3	.30	2.4	.11
JAN 26...	.2	3.9	828	790	.17	.22	.8	.08
FEB 23...	--	--	--	--	.66	.30	1.8	.11
MAR 23...	--	--	--	--	.48	.04	.9	.20
APR 21...	.1	3.3	530	481	<.1	.14	1.0	.14
MAY 26...	--	--	--	--	<.1	.14	1.3	.23
JUN 16...	--	--	--	--	<.1	.32	1.3	.17
JUL 28...	.3	10	690	636	.14	.39	1.7	.21
AUG 25...	--	--	--	--	.11	.35	2.2	.23
SEP 27...	--	--	--	--	1.6	.28	1.9	.20

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294539090084500 BAYOU SEGNETTE (SITE 3) NEAR BARATARIA, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPECIFIC CONDUCTANCE (UMH/CM)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	C.O.D. TOTAL IN BOTTOM MATERIAL (MG/KG)	COLIFORM, FECA, U.7 UM-MF (COLS./100 ML)
OCT 24...	1325	3410	7.6	20.0	40	10	9.2	--	--	K40
NOV 23...	1220	4070	7.3	24.0	40	10	10.8	3.9	--	K30
DEC 16...	1225	1560	6.5	13.5	120	5.0	5.0	1.0	--	210
JAN 26...	1435	1570	7.1	13.0	60	15	9.7	2.0	--	K35
FEB 23...	1020	1200	7.1	16.5	70	10	5.0	2.2	--	420
MAR 23...	1035	1800	6.9	16.5	70	15	8.8	3.1	3800	K80
APR 21...	1055	916	6.1	23.5	60	6.0	7.0	2.8	--	170
MAY 26...	1050	694	6.8	27.0	70	4.0	7.2	4.2	--	400
JUN 16...	1035	679	7.7	30.0	50	7.0	7.2	3.5	--	K6
JUL 28...	1040	799	6.7	31.5	60	20	4.0	3.2	--	K16
AUG 25...	1040	731	7.2	31.0	70	25	3.2	2.7	--	78
SEP 27...	1040	669	6.5	24.0	30	15	7.0	2.3	--	150

DATE	STREPTOCOCCI, FECA, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CaCO3)	CALCIUM, DISSOLVED (MG/L AS Ca)	MAGNESIUM, DISSOLVED (MG/L AS Mg)	SODIUM, DISSOLVED (MG/L AS Na)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY, FIELD (MG/L AS CaCO3)	SULFATE, DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS Cl)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)
OCT 28...	5000	370	40	80	670	20	55	170	1200	.3	4.7	--
NOV 23...	4100	--	--	--	--	--	47	--	--	--	--	--
DEC 16...	4800	--	--	--	--	--	37	--	--	--	--	--
JAN 26...	5500	190	27	29	200	8.8	56	57	360	.2	6.0	768
FEB 23...	11000	--	--	--	--	--	55	--	--	--	--	--
MAR 23...	6100	--	--	--	--	--	67	--	--	--	--	--
APR 21...	4000	110	19	15	150	3.1	44	31	240	.1	2.2	552
MAY 26...	4400	--	--	--	--	--	60	--	--	--	--	--
JUN 16...	2000	--	--	--	--	--	50	--	--	--	--	--
JUL 28...	3100	110	21	14	120	4.0	74	28	190	.2	5.9	521
AUG 25...	8600	--	--	--	--	--	79	--	--	--	--	--
SEP 27...	770	--	--	--	--	--	59	--	--	--	--	--

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

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294539090084500 BAYOU SEGNETTE (SITE 3) NEAR BARATARIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	SOLIDS, SUM OF CONSTITUENTS, DTS- SOLVED (MG/L)	SOLIDS, VOLATILE IN BOTTOM MA- TERIAL (MG/KG)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN+NH4 TOTAL IN BOT. MAT. (MG/KG AS N)	NITRO- GEN+AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN+NH4 TOT IN BOT MAT (MG/KG AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 24...	2220	--	<.1	.05	--	.7	--	.08
NOV 23...	--	--	.22	.16	--	1.1	--	.10
DEC 16...	--	--	.13	.25	--	1.4	--	.07
JAN 26...	722	--	.53	.17	--	.8	--	.11
FEB 23...	--	--	.42	.11	--	1.5	--	.10
MAR 23...	--	71700	<.1	.05	78	.8	32000	.10
APR 21...	486	--	<.1	.05	--	1.0	--	.12
MAY 26...	--	--	<.1	.05	--	.8	--	.22
JUN 16...	--	--	--	--	--	--	--	.21
JUL 28...	422	--	.11	.30	--	1.3	--	.24
AUG 25...	--	--	.22	.47	--	1.6	--	.26
SEP 27...	--	--	.64	.08	--	1.2	--	.12

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	BERYL- LIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
MAR 23...	1	<1	<1	2	<1	14	<10	80	3	76	69	9

DATE	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY DIS- SOLVED (UG/L AS HG)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/L AS HG)	NICKEL, DIS- SOLVED (UG/L AS NI)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)
MAR 23...	30	35	550	<.1	.07	3	<10	<1	<1	7	70

DATE	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN)	OIL AND GREASE, TOT. IN BOT MAT GRAVI- METRIC (MG/KG)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)
MAR 23...	<1.0	<1	<.1	10	<.1	<1	<.01	<.1	<.1	4	<.01
AUG 25...	--	--	<.1	--	<.1	--	<.01	--	<.1	--	<.01

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294539090084500 BAYOU SEGNETTE (SITE 3) NEAR BARATARIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN, TOTAL (UG/L)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
MAR 23...	2.4	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
AUG 25...	--	<.01	--	<.01	--	.01	--	<.01	--	<.01	--

DATE	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/L)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL (UG/L)
MAR 23...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01
AUG 25...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--	<.01

DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL (UG/L)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
MAR 23...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
AUG 25...	--	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	PER- THANE TOTAL (UG/L)	PER- THANE IN BOT- TOM MA- TERIAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TOTAL TRI- THION IN BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2,4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
MAR 23...	<.1	<1	<1	<10	<.01	<.1	.01	<.01	<.01	<.01
AUG 25...	<.1	--	<1	--	<.01	--	.03	.01	<.01	.01

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294844090073900 KENTA CANAL (SITE 2) NORTHWEST OF CROWN POINT, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMH/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	C.O.D. TOTAL IN BOTTOM MA- TERIAL (MG/KG)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT										
28...	1100	2090	6.6	19.0	120	1.0	6.7	--	--	K30
NOV										
23...	1025	2630	6.4	21.0	120	10	5.9	5.7	--	K70
DEC										
16...	1020	1230	6.5	12.5	100	1.0	4.1	2.7	--	280
JAN										
26...	1200	1490	6.8	12.0	70	3.5	10.9	4.5	--	K95
FEB										
23...	1050	1060	7.4	17.0	70	9.0	6.4	2.5	--	K180
MAR										
23...	1110	1320	6.4	17.0	100	3.0	4.4	5.3	2400	120
APR										
21...	1120	710	5.9	23.5	80	3.0	5.1	2.6	--	K160
MAY										
26...	1115	714	6.6	26.0	80	2.0	3.6	1.4	--	K60
JUN										
16...	1055	691	7.2	30.0	70	2.0	6.0	4.6	--	K8
JUL										
28...	1100	844	6.6	31.5	50	7.0	5.5	5.1	--	K4
AUG										
25...	1005	760	6.8	30.0	120	2.0	2.5	3.9	--	48
SEP										
27...	1010	838	6.0	22.0	140	1.0	2.5	2.5	--	K20

DATE	STREP- TOCOCCEI FFCAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
OCT												
28...	K13000	230	34	34	310	8.3	70	32	560	.2	9.6	1220
NOV												
23...	7800	--	--	--	--	--	70	--	--	--	--	--
DEC												
16...	1900	--	--	--	--	--	38	--	--	--	--	--
JAN												
26...	14000	150	23	22	230	6.1	49	22	410	.1	5.1	793
FEB												
23...	3300	--	--	--	--	--	56	--	--	--	--	--
MAR												
23...	4300	--	--	--	--	--	53	--	--	--	--	--
APR												
21...	1800	80	14	11	99	2.2	34	12	180	.1	2.5	407
MAY												
26...	1500	--	--	--	--	--	57	--	--	--	--	--
JUN												
16...	1400	--	--	--	--	--	58	--	--	--	--	--
JUL												
28...	1200	110	21	13	140	2.2	73	11	220	.2	5.8	557
AUG												
25...	4000	--	--	--	--	--	64	--	--	--	--	--
SEP												
27...	100	--	--	--	--	--	57	--	--	--	--	--

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294844090073900 KENTA CANAL (SITE 2) NORTHWEST OF CROWN POINT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

		SOLIDS, SUM OF CONSTITUENTS, DTS- SOLVED (MG/L)	SOLIDS, VOLATILE IN BOTTOM MATERIAL (MG/KG)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN+NH4 TOTAL IN BOT. MAT. (MG/KG AS N)	NITRO- GEN+AM- MONIA + ORGANIC DTS. (MG/L AS N)	NITRO- GEN+NH4 TOT IN BOT MAT (MG/KG AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 28...		1030	--	<.1	.05	--	1.4	--	.11
NOV 23...		--	--	.30	.16	--	1.7	--	.83
DEC 16...		--	--	.10	.24	--	1.2	--	.10
JAN 26...		747	--	.12	.09	--	.7	--	.09
FEB 23...		--	--	.65	.19	--	1.6	--	.15
MAR 23...		--	291000	<.1	.06	.48	.9	6300	.11
APR 21...		341	--	<.1	.11	--	.9	--	.16
MAY 26...		--	--	<.1	.07	--	1.0	--	.13
JUN 16...		--	--	<.1	.08	--	1.0	--	.22
JUL 28...		457	--	<.1	.08	--	1.3	--	.45
AUG 25...		--	--	<.1	.11	--	1.4	--	.15
SEP 27...		--	--	<.1	.09	--	2.0	--	.11

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	BERYL- LIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PH)
MAR 23...	1	<1	<1	1	10	7	<10	20	2	12	250	8

DATE	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY DIS- SOLVED (UG/L AS HG)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/L AS HG)	NICKEL, DIS- SOLVED (UG/L AS NI)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)
MAR 23...	30	150	2300	<.1	.07	2	20	<1	<1	6	100

DATE	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN)	OIL AND GREASE, TOT. IN BOT MAT GRAVI- METRIC (MG/KG)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)
MAR 23...	<1.0	2600	<.1	26	<.1	<1	<.01	<.1	<.1	13	<.01
AUG 25...	--	--	<.1	--	<.1	--	<.01	--	<.1	--	<.01

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

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294844090073900 KENTA CANAL (SITE 2) NORTHWEST OF CROWN POINT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN, TOTAL (UG/L)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
MAR 23...	2.0	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
AUG 25...	--	<.01	--	<.01	--	.13	--	<.01	--	<.01	--

DATE	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/L)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL (UG/L)
MAR 23...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01
AUG 25...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--	<.01

DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL (UG/L)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
MAR 23...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
AUG 25...	--	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	PER- THANE TOTAL (UG/L)	PER- THANE IN BOTTOM MATERIAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
MAR 23...	<.1	<1	<1	<10	<.01	<.1	.13	<.01	<.01	<.01
AUG 25...	<.1	--	<1	--	<.01	--	.40	.01	.01	<.01

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294957090095300 BAYOU SEGNETTE (SITE 1) 4.6 MILES SOUTH OF WESTWEGO, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COHALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, HIO- CHEM- ICAL, 5 DAY (MG/L)	C.O.D. TOTAL IN BOTTOM MA- TERIAL (MG/KG)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 28...	1305	2810	7.2	19.5	60	5.0	6.2	--	--	K25
NOV 23...	1205	3010	7.2	24.5	50	5.0	7.8	7.3	--	660
DEC 16...	1210	2020	6.7	14.0	80	6.0	6.9	3.2	--	9600
JAN 26...	1420	1500	7.3	12.0	50	9.5	10.4	3.8	--	K60
FEB 23...	1010	1070	7.2	16.5	70	15	7.1	2.1	--	400
MAR 23...	1000	1230	7.3	16.5	60	10	10.2	9.0	6500	240
APR 21...	1040	756	6.9	20.0	70	15	9.9	4.3	--	K90
MAY 26...	1035	769	7.1	26.5	80	4.0	5.2	4.1	--	180
JUN 16...	1020	659	7.7	29.5	50	7.0	7.1	4.8	--	K30
JUL 28...	1015	778	6.7	31.0	60	10	3.4	3.9	--	96
AUG 25...	1025	812	7.2	31.0	80	10	2.7	3.4	--	52
SEP 27...	1025	627	6.7	23.5	30	6.0	7.4	2.5	--	100

DATE	STREP- TOCOCCT FFCAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINEITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RINE, DIS- SOLVED (MG/L AS CL)	FLUO- RINE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
OCT 28...	3500	280	37	46	440	15	82	100	780	.2	8.6	1540
NOV 23...	5500	--	--	--	--	--	89	--	--	--	--	--
DEC 16...	1900	--	--	--	--	--	83	--	--	--	--	--
JAN 26...	2100	180	30	25	240	8.6	66	66	380	.2	6.0	859
FEB 23...	9600	--	--	--	--	--	54	--	--	--	--	--
MAR 23...	9800	--	--	--	--	--	103	--	--	--	--	--
APR 21...	K1400	120	25	13	100	3.8	57	48	160	.1	4.0	394
MAY 26...	4500	--	--	--	--	--	83	--	--	--	--	--
JUN 16...	4000	--	--	--	--	--	43	--	--	--	--	--
JUL 28...	5000	120	26	14	100	4.3	88	25	160	.2	6.2	503
AUG 25...	4200	--	--	--	--	--	108	--	--	--	--	--
SEP 27...	220	--	--	--	--	--	35	--	--	--	--	--

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294957090095300 BAYOU SEGNETTE (SITE 1) 4.6 MILES SOUTH OF WESTWEGO, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

		SOLIDS, SUM OF CONSTI- TUENTS, DTS- SOLVED (MG/L)	SOLIDS, VOLLA- TILE IN BOTTOM MA- TERIAL (MG/KG)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,NH4 TOTAL IN BOT. MAT. (MG/KG AS N)	NITRO- GEN,AM- MONIA + ORG. DIS- SOLVED (MG/L AS N)	NITRO- GEN,NH4 TOT IN BOT MAT (MG/KG AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 28...		1480	--	.31	.78	--	1.7	--	.49
NOV 23...		--	--	.43	1.2	--	2.8	--	.82
DEC 16...		--	--	1.7	.82	--	1.3	--	.42
JAN 26...		796	--	.61	.36	--	1.3	--	.18
FEB 23...		--	--	.64	.33	--	1.4	--	.19
MAR 23...		--	232000	.22	1.5	240	2.6	27000	.92
APR 21...		388	--	.27	.16	--	1.0	--	.26
MAY 26...		--	--	<.1	.26	--	1.1	--	.44
JUN 16...		--	--	--	--	--	--	--	--
JUL 28...		389	--	.49	.89	--	2.2	--	.60
AUG 25...		--	--	.59	1.4	--	2.6	--	.82
SEP 27...		--	--	.13	.09	--	1.8	--	.17

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	BERYL- LIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	
MAR 23...		2	<1	<1	2	9	9	10	20	3	13	87	9

DATE	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY DIS- SOLVED (UG/L AS HG)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/L AS HG)	NICKEL, DIS- SOLVED (UG/L AS NI)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)
MAR 23...	30	130	760	<.1	.13	3	<10	<1	<1	7	100

DATE	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN)	OIL AND GREASE, TOT. IN BOT MAT GRAVI- METRIC (MG/KG)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)
MAR 23...	<1.0	1800	<.1	<1	<.1	<1	<.01	<.1	<.1	2	<.01
AUG 25...	--	--	<.1	--	<.1	--	<.01	--	<.1	--	<.01

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294957090095300 BAYOU SEGNETTE (SITE 1) 4.6 MILES SOUTH OF WESTWEGO, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
MAR 23...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
AUG 25...	--	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)
MAR 23...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.01
AUG 25...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--	<.01	<.01

DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
MAR 23...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
AUG 25...	--	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	PER- THANE TOTAL (UG/L)	PER- THANE TOTAL (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/KG)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2,4-DP, TOTAL (UG/L)	2,4,5-T, TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
MAR 23...	<.1	<1	<1	<10	<.01	<.1	.01	<.01	<.01	<.01	<.01
AUG 25...	<.1	--	<1	--	<.01	--	<.01	<.01	<.01	<.01	<.01

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES
 JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued
 295040090091600 MILLAUDON CANAL (SITE 5) NEAR WESTWEGO, LA
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMH/CM)	PH (STAND- ARD UNIT)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNIT)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)
OCT									
28...	1250	1150	7.3	20.0	60	3.0	.3	--	20000
NOV									
23...	1155	1550	7.3	23.5	50	8.0	.1	7.6	K46000
DEC									
16...	1200	736	6.9	16.5	80	15	.5	5.5	K72000
JAN									
26...	1410	970	7.2	15.0	30	5.0	.2	9.3	10000
FEB									
23...	1000	978	6.8	17.0	80	10	.0	10	K9300
MAR									
23...	0950	1210	7.0	17.0	70	6.0	.4	9.5	K7700
APR									
21...	1030	767	6.1	21.0	140	8.0	.2	12	7400
MAY									
26...	1025	843	7.1	25.0	80	3.0	1.5	6.4	8000
JUN									
16...	1010	928	7.3	24.0	60	6.0	.0	7.2	18000
JUL									
24...	1000	1140	7.0	31.0	160	9.0	.1	6.5	3600
AUG									
25...	0955	1070	7.4	30.0	70	4.0	.4	17	4100
SEP									
27...	0955	1120	6.8	22.5	50	3.0	.1	29	K45000

DATE	SIRUP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD) AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT									
28...	8400	270	66	25	120	7.7	291	47	160
NOV									
23...	23000	--	--	--	--	--	206	--	--
DEC									
16...	14000	--	--	--	--	--	134	--	--
JAN									
26...	2700	250	63	23	98	5.7	232	45	140
FEB									
23...	5700	--	--	--	--	--	164	--	--
MAR									
23...	3000	--	--	--	--	--	262	--	--
APR									
21...	4000	180	48	15	75	3.3	119	63	120
MAY									
26...	5000	--	--	--	--	--	149	--	--
JUN									
16...	12000	--	--	--	--	--	218	--	--
JUL									
28...	2300	230	59	20	130	7.8	255	52	160
AUG									
25...	4600	--	--	--	--	--	276	--	--
SEP									
27...	4500	--	--	--	--	--	234	--	--

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES
 JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued
 295040090091600 MILLAUDON CANAL (SITE 5) NEAR WESTWEGO, LA--Continued
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 28...	.4	17	651	618	<.1	13.0	27	5.7
NOV 23...	--	--	--	--	.27	7.9	15	3.7
DEC 16...	--	--	--	--	.39	3.1	3.1	1.1
JAN 26...	.2	15	558	529	.12	5.8	8.8	2.4
FEB 23...	--	--	--	--	.23	4.0	6.2	2.1
MAR 23...	--	--	--	--	<.1	11.0	12	3.9
APR 21...	.2	14	454	410	<.1	3.6	5.3	1.8
MAY 26...	--	--	--	--	<.1	3.4	4.7	2.0
JUN 16...	--	--	--	--	<.1	6.7	9.0	<.01
JUL 28...	.6	16	683	598	<.1	12.0	15	4.6
AUG 25...	--	--	--	--	<.1	3.9	8.0	3.7
SEP 27...	--	--	--	--	<.1	5.8	6.3	3.0

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

295202090093200 BAYOU SEGNETTE (SITE 4) 2.9 MILES SOUTH OF WESTWEGO, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	SPF- CIFIC CON- DUCTI- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COHALE UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT									
28...	1245	1440	7.7	19.5	70	7.0	8.3	--	K90
NOV									
23...	1140	1580	7.5	22.0	50	10	6.5	8.6	K85
DEC									
16...	1150	1180	6.9	15.0	80	30	3.5	3.7	K15000
JAN									
26...	1355	1410	7.1	14.0	50	10	8.1	4.3	K60
FEB									
23...	0940	1080	7.0	17.5	70	9.0	5.4	3.6	K60
MAR									
23...	0940	1200	7.6	18.0	60	15	12.2	5.5	K18
APR									
21...	1015	728	6.1	20.5	50	9.0	5.2	4.1	120
MAY									
26...	1010	847	7.3	25.0	60	6.0	7.2	5.2	K40
JUN									
16...	1000	993	7.8	30.0	50	6.0	10.0	9.5	K14
JUL									
28...	0945	974	7.1	32.0	70	20	5.9	5.1	38
AUG									
25...	0945	963	7.3	31.0	80	10	3.7	6.9	44
SEP									
27...	0945	1030	6.8	24.5	60	7.0	5.7	5.0	96

DATE	STREP- TOCUCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LITY FIELD (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT									
28...	6700	230	53	23	200	7.8	134	92	320
NOV									
23...	4400	--	--	--	--	--	168	--	--
DEC									
16...	6200	--	--	--	--	--	99	--	--
JAN									
26...	3800	250	59	25	190	6.6	112	140	280
FEB									
23...	5600	--	--	--	--	--	94	--	--
MAR									
23...	5500	--	--	--	--	--	99	--	--
APR									
21...	K1700	160	42	13	81	3.6	64	100	120
MAY									
26...	3600	--	--	--	--	--	101	--	--
JUN									
16...	3300	--	--	--	--	--	121	--	--
JUL									
28...	38	150	37	15	140	4.5	119	54	200
AUG									
25...	4000	--	--	--	--	--	120	--	--
SEP									
27...	100	--	--	--	--	--	132	--	--

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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

295202090093200 BAYOU SEGNETTE (SITE 4) 2.9 MILES SOUTH OF WESTWEGO, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 28...	.3	11	789	787	.37	.24	1.2	.73
NOV 23...	--	--	--	--	1.0	3.0	4.6	1.5
DEC 16...	--	--	--	--	4.1	1.2	--	.43
JAN 26...	.2	11	817	779	1.4	.98	2.0	.39
FEB 23...	--	--	--	--	1.7	.70	2.6	.28
MAR 23...	--	--	--	--	<.10	.05	1.0	.38
APR 21...	.2	10	442	416	.54	.73	1.8	.44
MAY 26...	--	--	--	--	.19	.70	1.6	.52
JUN 16...	--	--	--	--	.24	.61	1.7	.56
JUL 28...	.2	9.3	627	531	.27	.86	2.4	.70
AUG 25...	--	--	--	--	.49	.75	2.2	.52
SEP 27...	--	--	--	--	.43	.80	3.5	.43

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

TEMPERATURES (°C) AND DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OF STREAMS IN LOUISIANA DURING 1983 WATER YEAR

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
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PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA

Oct. 21, 1982...	20.5	9.8			
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02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA

Oct. 5, 1982...	23.0	8.9	Apr. 5.....	13.0	10.6
Nov. 16.....	11.5	--	May 4.....	14.0	--
Dec. 21.....	9.5	11.4	June 7.....	23.0	--
Jan. 27, 1983...	9.5	11.6	Aug. 31.....	25.0	--
Mar. 3.....	15.0	--			

02492000 BOGUE CHITTO NEAR BUSH, LA

Oct. 13, 1982...	20.0	8.4	Mar. 7.....	18.0	11.9
Dec. 21.....	12.5	9.4	May 5.....	18.0	--
Jan. 31, 1983...	10.0	11.2			

MISSISSIPPI RIVER DELTA

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA

Oct. 18, 1982...	16.0	9.8	Feb. 24.....	13.0	--
Nov. 16.....	13.0	--	Apr. 5.....	16.0	8.4
Dec. 20.....	12.5	9.4	May 4.....	16.0	8.2
Jan. 25, 1983...	8.0	9.8	June 7.....	23.0	--

07375500 TANGIPAHOA RIVER AT ROBERT, LA

Oct. 14, 1982...	18.0	9.4	Feb. 24.....	13.0	12.6
Nov. 8.....	13.5	--	May 5.....	18.0	--
Dec. 22.....	12.0	11.0	June 18.....	23.0	--
Jan. 25, 1983...	8.5	11.3			

07376000 TICKFAW RIVER AT HOLDEN, LA

Oct. 14, 1982...	18.5	9.1	Feb. 23.....	13.0	--
Nov. 8.....	14.0	--	May 6.....	18.0	--
Dec. 14.....	10.0	9.6	June 10.....	23.0	--
Jan. 17, 1983...	10.5	10.8			

07376500 NATALBANY RIVER AT BAPTIST, LA

Oct. 4, 1982...	25.5	9.2	Feb. 23.....	14.0	13.3
Nov. 8.....	13.5	--	May 6.....	17.0	--
Dec. 22.....	13.5	11.2	June 10.....	25.0	--
Jan. 25, 1983...	9.0	12.6			

07377000 AMITE RIVER NEAR DARLINGTON, LA

Oct. 12, 1982...	20.5	8.2	Apr. 4.....	17.0	9.6
Nov. 15.....	13.0	--	Apr. 7.....	18.0	--
Dec. 20.....	10.0	11.4	May 2.....	17.0	9.5
Jan. 18, 1983...	8.0	11.8	June 6.....	21.0	--
Feb. 22.....	12.0	10.0			

07377240 LITTLE SANDY CREEK NEAR GREENWELL SPRINGS, LA

Oct. 4, 1982...	22.0	3.7	Apr. 18.....	14.0	7.5
Nov. 10.....	12.5	1.8	May 2.....	21.5	5.9
Dec. 20.....	7.0	8.0	June 10.....	19.0	4.5
Jan. 18, 1983...	7.0	11.1	July 18.....	24.0	6.4
Feb. 24.....	13.0	8.1			

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA

Oct. 6, 1982...	22.5	8.2	Apr. 5.....	15.0	9.1
Nov. 10.....	12.0	11.8	May 3.....	19.0	9.5
Dec. 17.....	9.0	12.5	June 7.....	20.0	7.5
Jan. 24, 1983...	6.0	13.7	July 18.....	24.0	10.5
Feb. 23.....	14.0	8.7			

TEMPERATURES (°C) AND DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OF STREAMS IN LOUISIANA DURING 1983 WATER YEAR

DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN	DATE OF COLLECTION	TEMPERATURE	DISSOLVED OXYGEN
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MISSISSIPPI RIVER DELTA--Continued

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA

Dec. 21, 1982...	8.0	10.0	May 5, 1983...	18.5	9.4
Jan. 18, 1983...	6.0	12.2	June 9.....	20.0	6.0
Mar. 2.....	13.5	8.1	July 21.....	25.0	7.9
Apr. 20.....	19.0	7.6			

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

Oct. 6, 1982...	23.0	5.0	Apr. 13.....	18.0	7.4
Dec. 21.....	7.0	12.2	May 4.....	20.0	8.8
Jan. 18, 1983...	7.0	12.7	June 9.....	20.7	7.7
Mar. 2.....	11.0	9.3	July 21.....	25.0	8.0

07377842 WHITE BAYOU NEAR BAKER, LA

Oct. 6, 1982...	24.5	--	Mar. 2.....	14.5	7.0
Dec. 21.....	8.5	7.7	June 9.....	26.0	3.9
Jan. 18, 1983...	6.5	11.8	July 21.....	25.5	1.3

07378000 COMITE RIVER NEAR COMITE, LA

Oct. 4, 1982...	22.0	8.6	May 2.....	21.5	8.7
Nov. 8.....	11.0	11.8	June 10.....	22.5	8.3
Dec. 20.....	9.5	12.0	July 20.....	29.5	9.7
Jan. 26, 1983...	9.5	11.0	Aug. 31.....	25.5	8.0
Apr. 13.....	17.0	8.8			

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA

Oct. 5, 1982...	25.5	7.6	Apr. 21.....	15.5	9.0
Nov. 8.....	14.0	10.4	May 6.....	20.0	9.2
Dec. 22.....	13.0	10.8	June 28.....	25.0	--
Jan. 28, 1983...	8.5	10.8	Aug. 29.....	29.5	--
Feb. 25.....	13.0	9.5			

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA

Nov. 18, 1982...	5.0	10.6	Apr. 18.....	14.0	--
Dec. 17.....	10.5	9.6	July 14.....	29.0	--
Jan. 18, 1983...	8.0	--	Sept. 9.....	29.5	--
Feb. 24.....	10.0	--			

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA

June 6, 1983...	27.0	5.2
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07386700 RUTH CANAL NEAR RUTH, LA

Oct. 24, 1982...	24.5	5.2	May 6.....	21.5	--
Feb. 2, 1983...	9.0	--	June 17.....	26.0	4.5
Mar. 8.....	14.5	--	July 28.....	29.5	4.1
Apr. 12.....	16.0	5.8	Sept. 7.....	28.5	4.4

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA

Nov. 12, 1982...	18.0	4.5	May 11.....	22.0	3.8
Feb. 2, 1983...	10.0	--	July 28.....	30.5	--
Mar. 8.....	14.0	--	Sept. 12.....	27.5	3.8
Apr. 12.....	27.0	2.5			

CALCASIEU RIVER BASIN

08016800 BEAR HEAD CREEK NEAR STARKS, LA

Nov. 11, 1982...	15.5	4.2	June 27.....	26.5	3.7
Dec. 16.....	10.0	--	July 26.....	27.0	--
Jan. 24, 1983...	9.0	--	Sept. 7.....	23.0	3.1
May 23.....	22.0	4.0	Sept. 17.....	24.0	--

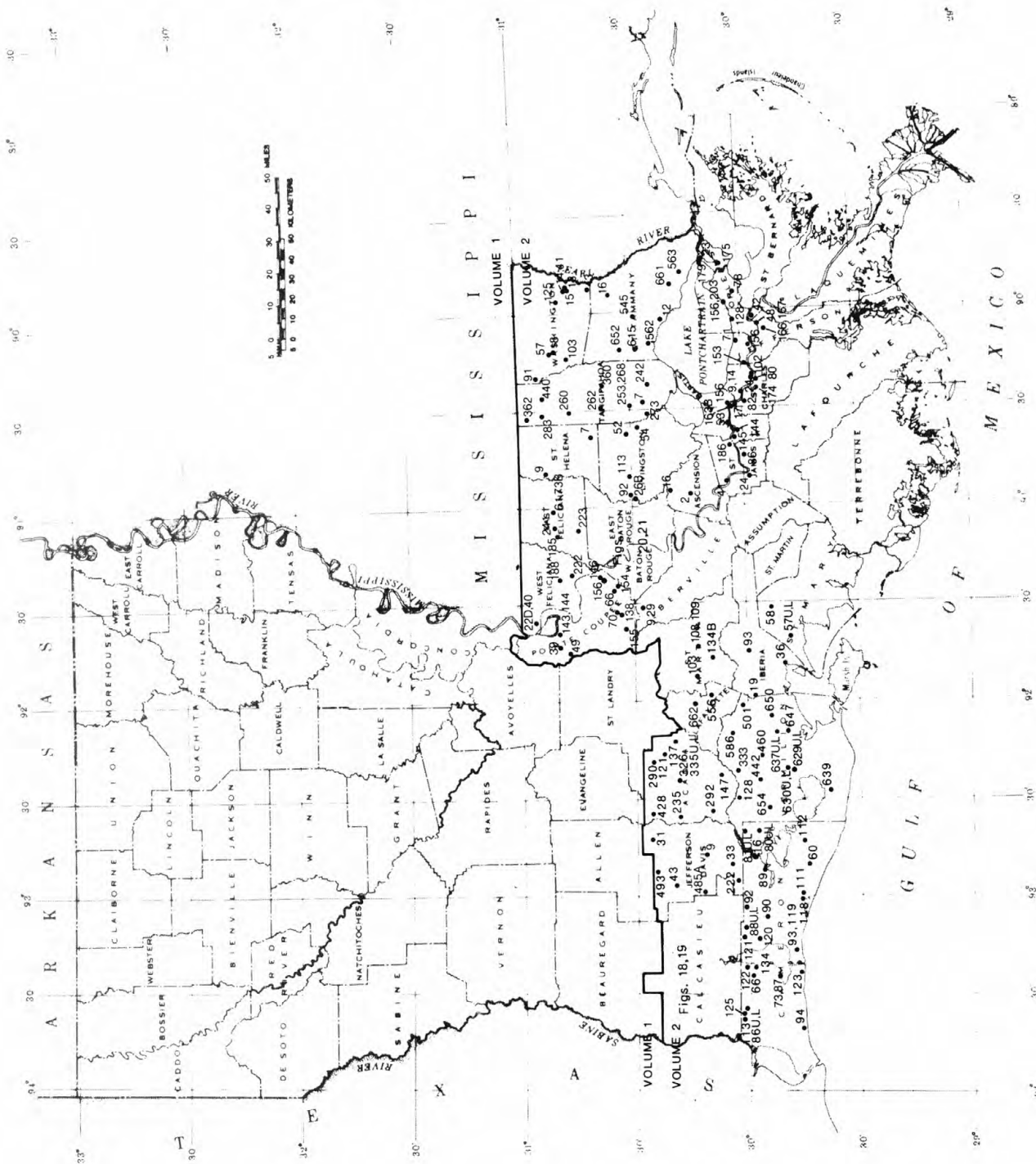


Figure 17.--Location of observation wells.

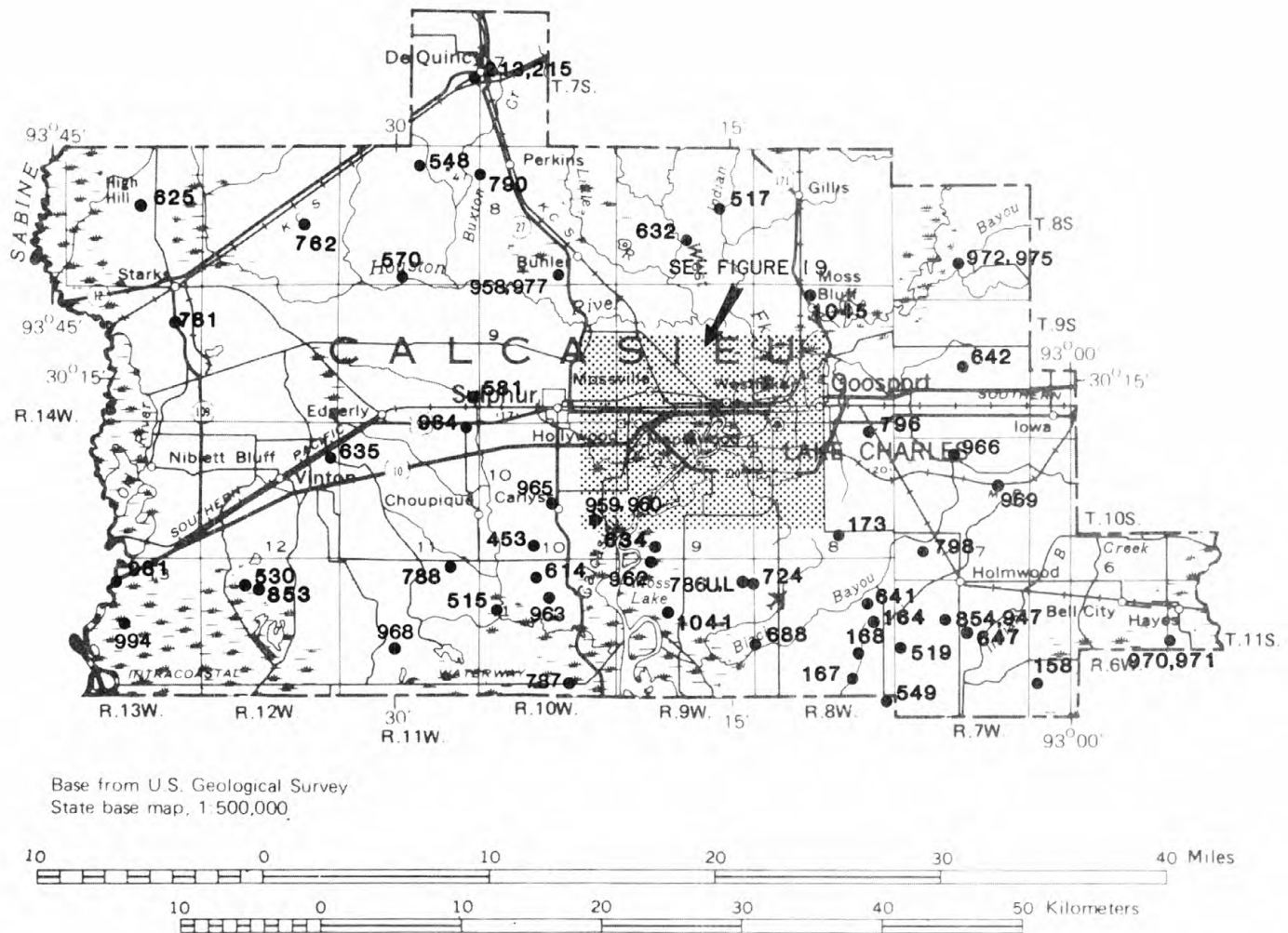


Figure 18. --Location of observation wells in Calcasieu Parish, except for wells located in the shaded area (see fig. 19).

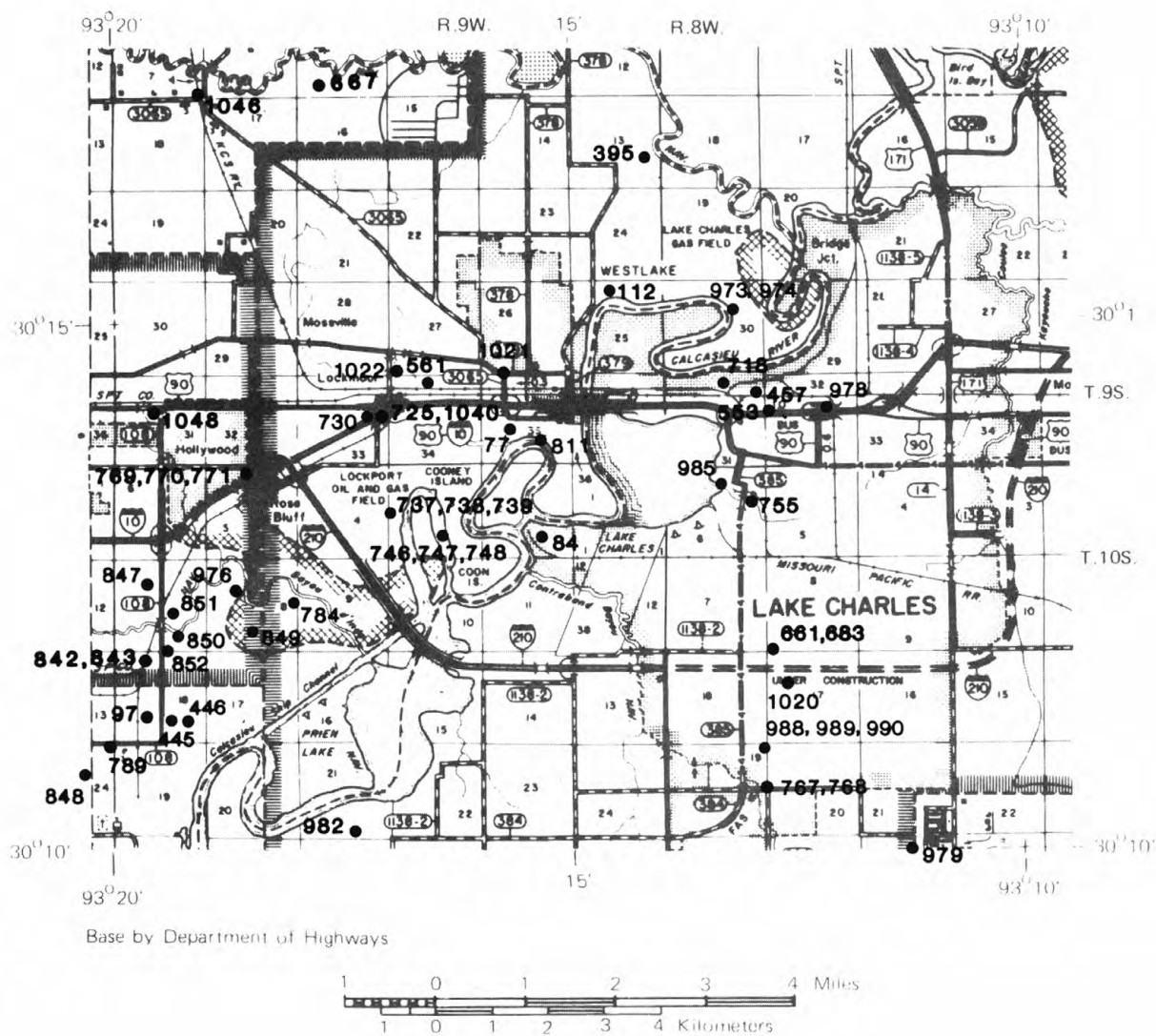


Figure 19.--Location of observation wells in shaded area shown in figure 18, Calcasieu Parish.

WATER RESOURCES DATA FOR LOUISIANA, 1983

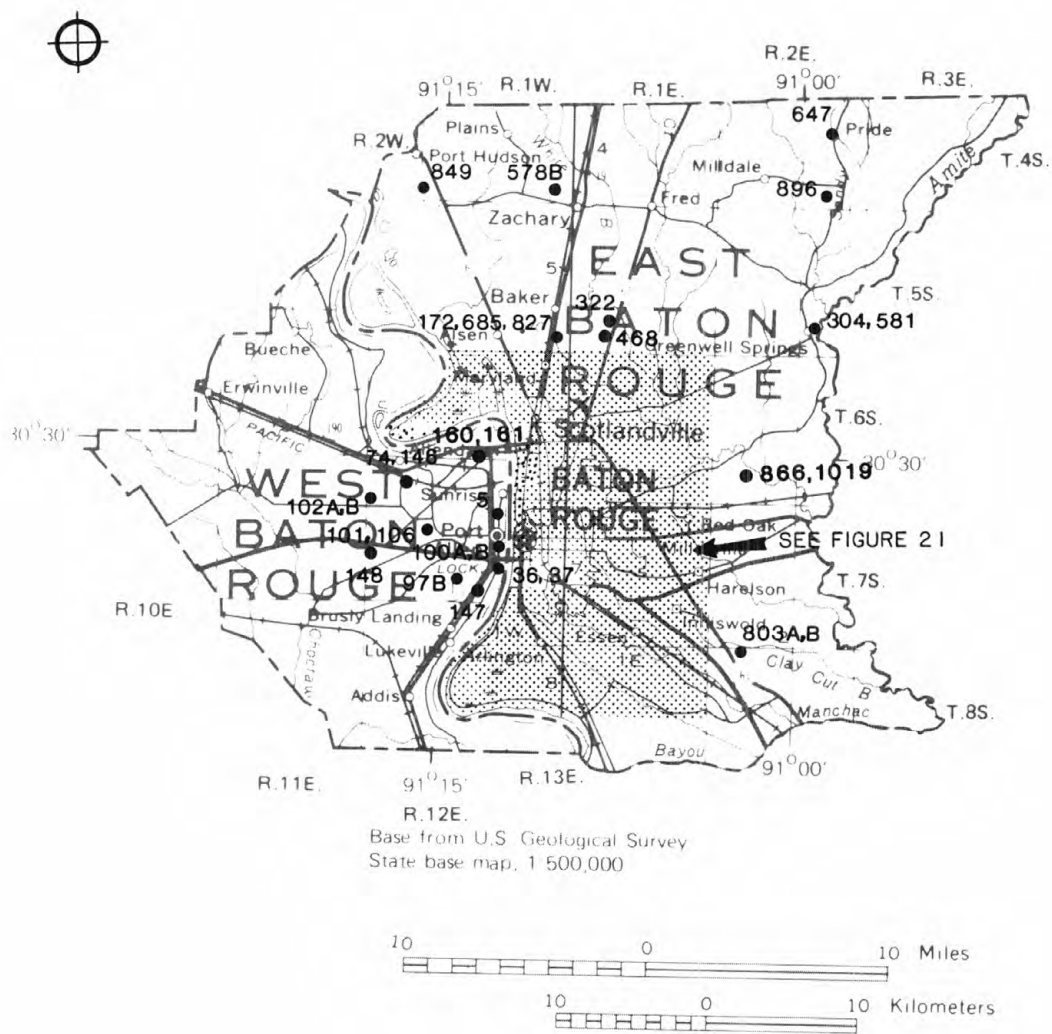


Figure 20.--Location of observation wells, East Baton Rouge and West Baton Rouge Parishes, except for wells located in the shaded area (see fig. 21).



Figure 21.--Location of observation wells in shaded area shown in figure 20, East Baton Rouge Parish.

GROUND-WATER LEVELS

ACADIA PARISH

302207092153201 LOCAL WELL NUMBER: AC-121

OWNER: MELECK BROTHERS. (SEC. 10, T. 8S., R. 2E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 277 FT, SCREENED 217-277. MP LOWER LIP OF DISCHARGE PIPE, 4.70 FT ABOVE LSD.

LSD 49.13 FT NGVD.

HIGHEST WATER LEVEL 59.95 BELOW LSD, SEP. 7, 1956,

LOWEST WATER LEVEL 80.67 BELOW LSD, AUG. 26, 1965.

RECORDS AVAILABLE 1954-65, 1967-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	79.70						

301923092121801 LOCAL WELL NUMBER: AC-137

OWNER: G. A. KENNEDY ESTATE. (SEC. 49, T. 8S., R. 3E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM UNKNOWN, REPORTED DEPTH 300 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 5.50 FT ABOVE LSD.

LSD 40.85 FT NGVD.

HIGHEST WATER LEVEL 49.19 BELOW LSD, JUNE 16, 1954,

LOWEST WATER LEVEL 68.00 BELOW LSD, FEB. 25, 1974.

RECORDS AVAILABLE 1954-58, 1960-68, 1970-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	65.50						

300731092213101 LOCAL WELL NUMBER: AC-147

OWNER: MERVIN FAULK. (SEC. 34, T. 10S., R. 1E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 298 FT, SCREENED INTERVAL UNKNOWN. MP 1/2-IN HOLE WITH PLUG, 4.12 FT ABOVE LSD.

LSD 17.78 FT NGVD.

HIGHEST WATER LEVEL 13.45 BELOW LSD, APR. 9, 1941,

LOWEST WATER LEVEL 44.15 BELOW LSD, AUG. 31, 1962.

RECORDS AVAILABLE 1939-41, 1945-68, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	42.03						

301932092341201 LOCAL WELL NUMBER: AC-235

OWNER: H. H. LEJEUNE. (SEC. 28, T. 8S., R. 2W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 8 IN, REPORTED DEPTH 310 FT, SCREENED 250-310. MP LOWER LIP OF DISCHARGE PIPE, 4.42 FT ABOVE LSD.

LSD 35.25 FT NGVD.

HIGHEST WATER LEVEL 42.86 BELOW LSD, MAR. 22, 1950,

LOWEST WATER LEVEL 74.38 BELOW LSD, FEB. 28, 1983.

RECORDS AVAILABLE 1949-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	74.38						

302658092174701 LOCAL WELL NUMBER: AC-290

OWNER: GREENE AND ALBERT SPEARS AND OTHERS. (SEC. 18, T. 7S., R. 2E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 10 IN, REPORTED DEPTH 300 FT, SCREENED 220-300. MP HOLE IN TOP OF DISCHARGE PIPE, 3.90 FT ABOVE LSD.

LSD 53.40 FT NGVD.

HIGHEST WATER LEVEL 69.15 BELOW LSD, MAR. 3, 1954,

LOWEST WATER LEVEL 93.10 BELOW LSD, FEB. 17, 1981.

RECORDS AVAILABLE 1954-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	90.10						

301017092321701 LOCAL WELL NUMBER: AC-292

OWNER: SUN OIL CO. (SEC. 48, T. 10S., R. 2W.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 244 FT, SCREENED 224-244. MP TOP OF 1-IN AIRLINE, 3.00 FT ABOVE LSD.

LSD 12.07 FT NGVD.

HIGHEST WATER LEVEL 25.19 BELOW LSD, APR. 3, 1956,

LOWEST WATER LEVEL 43.07 BELOW LSD, AUG. 26, 1965.

RECORDS AVAILABLE 1954-69, 1971-72, 1974-75, 1977-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	42.40						

301832092234501 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 OF 6-IN CASING, 1.15 FT ABOVE LSD.

LSD 25.80 FT NGVD.

HIGHEST WATER LEVEL 48.61 BELOW LSD, MAR. 14, 1965,

LOWEST WATER LEVEL 83.93 BELOW LSD, JULY 5, 1969.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	69.16	JAN. 10, 1983	63.45	APR. 10, 1983	64.46	JULY 5, 1983	68.08
OCT. 10	68.85	JAN. 15	63.41	APR. 15	64.13	JULY 10	68.78
OCT. 15	68.54H	JAN. 20	63.01	APR. 20	64.67H	JULY 15	72.05
OCT. 20	68.23	JAN. 25	62.78	APR. 25	65.81	JULY 20	71.34
OCT. 25	67.99	JAN. 28	62.64H	APR. 30	67.10	JULY 25	70.37
OCT. 31	67.40	JAN. 31	62.48	MAY 5	68.76	JULY 26	70.27H
NOV. 5	67.50	FEB. 5	62.28	MAY 10	69.45	JULY 31	70.83
NOV. 10	67.10	FEB. 10	61.98	MAY 15	69.66	AUG. 5	69.35
NOV. 15	66.89	FEB. 15	61.84	MAY 18	69.94H	AUG. 10	68.13
NOV. 20	66.56	FEB. 20	61.61	MAY 20	69.59	AUG. 15	67.22
NOV. 25	62.78	FEB. 25	61.45	MAY 25	67.78	AUG. 20	66.63
NOV. 26	66.25H	FEB. 28	61.28H	MAY 31	68.72	AUG. 25	66.72H
NOV. 30	65.61	MAR. 5	61.09	JUNE 5	70.10	AUG. 31	66.80
DEC. 5	65.27	MAR. 10	61.14	JUNE 10	71.29	SEP. 5	67.36
DEC. 10	65.33	MAR. 15	61.10	JUNE 15	71.37	SEP. 10	67.39
DEC. 15	64.80	MAR. 20	61.61	JUNE 20	71.00	SEP. 15	66.40
DEC. 20	64.60	MAR. 25	64.20H	JUNE 25	70.41	SEP. 20	65.87
DEC. 25	64.12	MAR. 31	65.67	JUNE 27	69.67H	SEP. 25	65.83
JAN. 5, 1983	64.00	APR. 5	65.28	JUNE 30	69.17	SEP. 30	65.29

301832092234504 LOCAL WELL NUMBER: AC-335U

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 907 FT, SCREENED 902-907. MP TOP OF 1 1/2-IN PIPE, 3.00 FT ABOVE LSD.

LSD 24.55 FT NGVD.

HIGHEST WATER LEVEL 43.59 BELOW LSD, MAR. 5, 1968,

LOWEST WATER LEVEL 62.45 BELOW LSD, AUG. 21, 1974.

RECORDS AVAILABLE 1966-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	54.85						

301832092234503 LOCAL WELL NUMBER: AC-335L

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN EVANGELINE AQUIFER OF PLEISTOCENE-MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1363 FT, SCREENED 1358-1363. MP TOP OF 1 1/2-IN PIPE, 3.00 FT ABOVE LSD.

LSD 24.55 FT NGVD.

HIGHEST WATER LEVEL 50.43 BELOW LSD, MAR. 31, 1970,

LOWEST WATER LEVEL 64.00 BELOW LSD, FEB. 17, 1981.

RECORDS AVAILABLE 1966-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	53.70						

See footnotes at end of table.

GROUND-WATER LEVELS

ACADIA PARISH

302654092341001 LOCAL WELL NUMBER: AC-428

OWNER: U. S. GEOL. SURVEY. (SEC. 9, T. 7S., R. 2W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 203 FT, SCREENED 198-203. MP TOP OF 2-IN PIPE, 2.80 FT ABOVE LSD.
 LSD 42.00 FT NGVD.
 HIGHEST WATER LEVEL 78.51 BELOW LSD, MAR. 4, 1977,
 LOWEST WATER LEVEL 92.79 BELOW LSD, JULY 7, 1978.
 RECORDS AVAILABLE 1977-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	80.80						

ASCENSION PARISH

301411090550501 LOCAL WELL NUMBER: AN-2

OWNER: CITY 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 OF 2-IN COLLAR, 0.57 FT ABOVE LSD.
 LSD 8.14 FT NGVD.
 HIGHEST WATER LEVEL 5.98 ABOVE LSD, MAY 10, 1962,
 LOWEST WATER LEVEL 6.33 BELOW LSD, JAN. 20, 1982.
 RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1982	4.83	JAN. 26, 1983	+0.27	MAR. 22, 1983	+0.22	JULY 20, 1983	+1.47

302008090541601 LOCAL WELL NUMBER: AN-16

OWNER: CLARENCE H. WILLETT. (SEC. 20, T. 8S., R. 3E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 1693 FT, SCREENED 1663-1693. MP TOP OF 2-IN CROSS, 0.90 FT ABOVE LSD.
 LSD 15.00 FT NGVD.
 HIGHEST WATER LEVEL 45.73 ABOVE LSD, DEC. 8, 1954, FEB. 28, 1955, APR. 28, 1955,
 LOWEST WATER LEVEL 0.00 BELOW LSD, OCT. 20, 1982.
 RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1982	0.00	MAR. 22, 1983	+0.70				

CALCASIEU PARISH

301405093153501 LOCAL WELL NUMBER: CU-77

OWNER: OLIN CORPORATION. (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 CASING, 7.63 FT ABOVE LSD.
 LSD 9.61 FT NGVD.
 HIGHEST WATER LEVEL 82.11 BELOW LSD, FEB. 14, 1956,
 LOWEST WATER LEVEL 170.60 BELOW LSD, AUG. 30, 1974.
 RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	129.50	DEC. 23, 1982	120.20H	MAR. 15, 1983	112.40	JUNE 5, 1983	113.00
OCT. 6	128.96H	DEC. 25	120.23	MAR. 18	112.31H	JUNE 10	110.20
OCT. 10	131.90	DEC. 31	121.72	MAR. 20	111.79	JUNE 15	112.50
OCT. 15	127.77	JAN. 5, 1983	119.40	MAR. 25	113.19	JUNE 20	112.60
OCT. 20	128.05	JAN. 10	118.90	MAR. 31	111.32	JUNE 23	110.87H
OCT. 25	123.96H	JAN. 15	118.03	APR. 5	110.40	JUNE 25	112.10
OCT. 31	126.75	JAN. 20	107.50	APR. 10	108.47	JUNE 30	107.75
NOV. 5	124.80	JAN. 25	118.03	APR. 15	106.09	JULY 5	113.95
NOV. 10	124.72	JAN. 27	118.18H	APR. 20	106.61	JULY 10	115.20
NOV. 15	123.90	JAN. 31	117.60	APR. 25	107.53H	JULY 15	117.95
NOV. 20	125.25	FEB. 5	114.00	APR. 30	108.45	JULY 20	118.32
NOV. 23	127.15H	FEB. 10	114.37	MAY 5	110.25	JULY 22	118.45H
NOV. 25	123.95	FEB. 15	114.07	MAY 10	111.25	JULY 25	118.10
NOV. 30	122.40	FEB. 20	113.08	MAY 15	106.99	JULY 31	118.33
DEC. 5	121.73	FEB. 25	112.54H	MAY 20	107.02	AUG. 5	115.75
DEC. 10	121.02	FEB. 28	112.11	MAY 24	108.09H	AUG. 10	116.70
DEC. 15	121.75	MAR. 5	112.68	MAY 25	109.52	AUG. 25	116.81H
DEC. 20	120.45	MAR. 10	112.40	MAY 31	111.77		

See footnotes at end of table.

301300093151101 LOCAL WELL NUMBER: CU-84

OWNER: LAKE CHARLES HARBOR AND TERMINAL DISTRICT. (SEC. 2, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 6 IN, REPORTED DEPTH 683 FT, SCREENED 623-683. MP TOP OF 16-IN CASING, 1.00 FT ABOVE LSD.
 LSD 11.07 FT NGVD.
 HIGHEST WATER LEVEL 42.23 BELOW LSD, APR. 17, 1950,
 LOWEST WATER LEVEL 115.02 BELOW LSD, MAR. 8, 1977.
 RECORDS AVAILABLE 1949-51, 1963-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	100.96						

301110093193701 LOCAL WELL NUMBER: CU-97

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 32 TO 10 IN, REPORTED DEPTH 519 FT, SCREENED 410-519. MP TOP OF 1/2-IN COUPLING, 0.52 FT ABOVE LSD.
 LSD 14.78 FT NGVD.
 HIGHEST WATER LEVEL 92.14 BELOW LSD, APR. 4, 1956,
 LOWEST WATER LEVEL 173.49 BELOW LSD, FEB. 28, 1974.
 RECORDS AVAILABLE 1955-75, 1978-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	109.50						

301516093143101 LOCAL WELL NUMBER: CU-112

OWNER: I. V. MAURER. (SEC. 25, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 210 FT, SCREENED 190-210. MP TOP OF REDUCER, 0.40 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 6.28 BELOW LSD, FEB. 28, 1983,
 LOWEST WATER LEVEL 48.00 BELOW LSD, FEB. 24, 1972.
 RECORDS AVAILABLE 1972, 1975, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	6.28						

300342093005601 LOCAL WELL NUMBER: CU-158

OWNER: RAY GREGG. (SEC. 30, T. 11S., R. 6W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 440 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 2.25 FT ABOVE LSD.
 LSD 8.63 FT NGVD.
 HIGHEST WATER LEVEL 26.53 BELOW LSD, APR. 15, 1959,
 LOWEST WATER LEVEL 55.23 BELOW LSD, AUG. 27, 1962.
 RECORDS AVAILABLE 1955-62, 1972-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	42.57						

300636093074601 LOCAL WELL NUMBER: CU-164

OWNER: MRS. C. M. VALLET AND OTHERS. (SEC. 13, T. 11S., R. 8W.) DRILLED IRRIGATION ARTFSIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 359 FT, SCREENED 257-359. MP LOWER LIP OF DISCHARGE PIPE, 4.30 FT ABOVE LSD.
 LSD 10.50 FT NGVD.
 HIGHEST WATER LEVEL 25.25 BELOW LSD, APR. 14, 1959,
 LOWEST WATER LEVEL 72.01 BELOW LSD, AUG. 27, 1962.
 RECORDS AVAILABLE 1955-79, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	47.24						

GROUND-WATER LEVELS

CALCASIEU PARISH

300400093091701 LOCAL WELL NUMBER: CU-167

OWNER: L. G. WITTLER. (SEC. 35, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 350 FT, SCREENED 250-350. MP LOWER EDGE OF DISCHARGE PIPE, 9.48 FT ABOVE LSD.
 LSD 7.82 FT NGVD.
 HIGHEST WATER LEVEL 25.08 BELOW LSD, APR. 5, 1956,
 LOWEST WATER LEVEL 65.33 BELOW LSD, AUG. 27, 1962.
 RECORDS AVAILABLE 1955-62, 1972-73, 1975-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	40.68						

300440093084501 LOCAL WELL NUMBER: CU-168

OWNER: A. L. GAYLE. (SEC. 26, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 375 FT, SCREENED INTERVAL UNKNOWN. MP LOWER EDGE OF DISCHARGE PIPE, 4.95 FT ABOVE LSD.
 LSD 7.81 FT NGVD.
 HIGHEST WATER LEVEL 28.64 BELOW LSD, APR. 29, 1958,
 LOWEST WATER LEVEL 67.56 BELOW LSD, AUG. 27, 1962.
 RECORDS AVAILABLE 1958-62, 1972-73, 1975-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	43.92						

300930093091501 LOCAL WELL NUMBER: CU-173

OWNER: R. W. PEYTON AND OTHERS. (SEC. 26, T. 10S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, REPORTED DEPTH 726 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 4.30 FT ABOVE LSD.
 LSD 23.53 FT NGVD.
 HIGHEST WATER LEVEL 28.79 BELOW LSD, MAR. 10, 1947,
 LOWEST WATER LEVEL 91.15 BELOW LSD, MAR. 16, 1976.
 RECORDS AVAILABLE 1946-50, 1952-60, 1963-66, 1968-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	80.92						

302700093253701 LOCAL WELL NUMBER: CU-213

OWNER: A. A. DAVIS. (SEC. 18, T. 7S., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN EVANGELINE AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 658 FT, SCREENED 574-658. MP TOP OF COUPLING IN CASING COVER, 1.85 FT ABOVE LSD.
 LSD 71.05 FT NGVD.
 HIGHEST WATER LEVEL 61.37 BELOW LSD, NOV. 26, 1963,
 LOWEST WATER LEVEL 83.72 BELOW LSD, FEB. 27, 1979.
 RECORDS AVAILABLE 1963-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	77.72						

302659093253601 LOCAL WELL NUMBER: CU-215

OWNER: NICHOLS INDUSTRIES. (SEC. 18, T. 7S., R. 10W.) DRILLED INDUSTRIAL ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 365 FT, SCREENED 305-365. MP 1/4-IN PLUG ATOP WELL, AT LSD.
 LSD 70.55 FT NGVD.
 HIGHEST WATER LEVEL 57.39 BELOW LSD, APR. 27, 1964,
 LOWEST WATER LEVEL 73.43 BELOW LSD, JAN. 6, 1971.
 RECORDS AVAILABLE 1963-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	65.62						

301634093140202 LOCAL WELL NUMBER: CU-395

OWNER: KUSHNER AND LEE. (SEC. 13, T. 9S., R. 9W.) DRILLED DOMESTIC ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 200 FT, SCREENED INTERVAL UNKNOWN. MP HOLE IN CASING COVER, 1.25 FT ABOVE LSD.
 LSD 12.00 FT NGVD.
 HIGHEST WATER LEVEL 43.24 BELOW LSD, FEB. 25, 1983,
 LOWEST WATER LEVEL 51.19 BELOW LSD, FEB. 24, 1972.
 RECORDS AVAILABLE 1972-73, 1975, 1977, 1979, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	43.24						

301115093191501 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 NGVD.
 HIGHEST WATER LEVEL 30.96 BELOW LSD, APR. 20, 1947,
 LOWEST WATER LEVEL 177.75 BELOW LSD, AUG. 23, 1973.
 RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	122.95	JAN. 5, 1983	111.68	APR. 5, 1983	105.18	JULY 5, 1983	105.70
OCT. 6	123.07H	JAN. 10	110.73	APR. 10	103.50	JULY 10	105.36
OCT. 10	122.50	JAN. 15	110.71	APR. 15	106.62	JULY 15	107.19
OCT. 15	122.03	JAN. 20	109.68	APR. 20	102.39	JULY 20	108.11
OCT. 20	122.43	JAN. 25	110.42	APR. 25	101.76H	JULY 22	107.27H
OCT. 25	118.63H	JAN. 27	109.42H	APR. 30	103.24	JULY 25	108.00
OCT. 31	116.10	JAN. 31	108.92	MAY 5	104.28	JULY 31	108.14
NOV. 5	116.91	FEB. 5	109.40	MAY 10	103.87	AUG. 5	108.26
NOV. 10	116.48	FEB. 10	107.96	MAY 15	102.77	AUG. 10	109.31
NOV. 15	116.58	FEB. 15	108.19	MAY 20	104.99	AUG. 15	109.24
NOV. 20	116.19	FEB. 20	106.71	MAY 24	103.03H	AUG. 20	109.01
NOV. 23	118.41H	FEB. 24	107.52H	MAY 25	103.08	AUG. 25	108.33H
NOV. 25	116.30	FEB. 25	107.38	MAY 31	104.13	AUG. 31	108.54
NOV. 30	115.88	FEB. 28	106.42	JUNE 5	104.80	SEP. 5	107.65
DEC. 5	114.87	MAR. 5	105.04	JUNE 10	106.21	SEP. 10	108.41
DEC. 10	114.51	MAR. 10	105.28	JUNE 15	106.61	SEP. 15	108.95
DEC. 15	114.28	MAR. 15	105.37	JUNE 20	106.40	SEP. 20	107.37
DEC. 20	113.69	MAR. 18	105.65H	JUNE 23	106.10H	SEP. 25	108.28
DEC. 23	112.40H	MAR. 20	104.96	JUNE 25	105.68	SEP. 30	107.82
DEC. 25	111.58	MAR. 25	105.14	JUNE 30	105.99		
DEC. 31	110.86	MAR. 31	105.74				

301115093191001 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 12.42 FT NGVD.
 HIGHEST WATER LEVEL 22.80 BELOW LSD, APR. 27, 1946,
 LOWEST WATER LEVEL 129.80 BELOW LSD, AUG. 5, 1974.
 RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	100.75	JAN. 31, 1983	92.41	APR. 25, 1983	87.64H	JULY 15, 1983	91.60
OCT. 6	100.68H	FEB. 5	93.93	APR. 30	87.62	JULY 20	92.11
OCT. 10	100.56	FEB. 10	91.83	MAY 5	88.04	JULY 22	92.18H
OCT. 15	100.33	FEB. 15	91.67	MAY 10	87.96	JULY 25	92.28
OCT. 20	100.02	FEB. 20	91.28	MAY 15	87.93	JULY 31	92.78
OCT. 25	99.65H	FEB. 24	90.93H	MAY 20	88.18	AUG. 5	93.20
OCT. 31	98.91	FEB. 25	90.99	MAY 24	88.00H	AUG. 10	93.20
NOV. 5	98.31	FEB. 28	90.61	MAY 25	88.08	AUG. 15	93.11
NOV. 10	97.97	MAR. 5	90.56	MAY 31	88.38	AUG. 20	93.80
NOV. 15	97.99	MAR. 10	90.87	JUNE 5	89.09	AUG. 25	92.63H
NOV. 20	97.51	MAR. 15	90.10	JUNE 10	89.61	AUG. 31	92.18
NOV. 23	97.55H	MAR. 18	90.20H	JUNE 15	90.64	SEP. 5	91.98
NOV. 25	97.77	MAR. 20	90.08	JUNE 20	90.86	SEP. 10	91.90
DEC. 23	95.20H	MAR. 25	89.73	JUNE 23	90.83H	SEP. 15	91.86
JAN. 11, 1983	93.89H	MAR. 31	89.32	JUNE 25	90.87	SEP. 20	91.60
JAN. 15	93.72	APR. 5	88.92	JUNE 30	90.77	SEP. 25	91.45
JAN. 20	93.08	APR. 10	88.84	JULY 5	90.83	SEP. 30	91.36
JAN. 25	92.94	APR. 15	88.07	JULY 10	90.97		
JAN. 27	92.90H	APR. 20	87.44				

See footnotes at end of table.

GROUND-WATER LEVELS

CALCASIEU PARISH

300910093224001 LOCAL WELL NUMBER: CU-453

OWNER: COOPER PATTERSON. (SEC. 34, T. 10S., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 9 IN, REPORTED DEPTH 345 FT, SCREENED 261-345. MP LOWER LIP OF DISCHARGE PIPE, 4.25 FT ABOVE LSD.
 LSD 13.18 FT NGVD.
 HIGHEST WATER LEVEL 30.65 BELOW LSD, MAY 1, 1950,
 LOWEST WATER LEVEL 67.88 BELOW LSD, MAR. 2, 1979.
 RECORDS AVAILABLE 1948-62, 1972, 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	58.33						

301424093125301 LOCAL WELL NUMBER: CU-457

OWNER: GREATER LAKE CHARLES WATER CO. (SEC. 31, T. 9S., R. 8W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 10 IN, DEPTH 697 FT, SCREENED 617-697. MP VENT IN SIDE OF CASING, 2.50 FT ABOVE LSD.
 LSD 15.00 FT NGVD.
 HIGHEST WATER LEVEL 30.00 BELOW LSD, OCT. 17, 1946,
 LOWEST WATER LEVEL 107.45 BELOW LSD, MAR. 24, 1976.
 RECORDS AVAILABLE 1946, 1976, 1978, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	101.21						

300651093243101 LOCAL WELL NUMBER: CU-515

OWNER: M. J. ELLENDER ESTATE. (SEC. 8, T. 11S., R. 10W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 573 FT, SCREENED 554-573. MP LOWER LIP OF DISCHARGE PIPE, 6.10 FT ABOVE LSD.
 LSD 11.15 FT NGVD.
 HIGHEST WATER LEVEL 36.85 BELOW LSD, APR. 6, 1956,
 LOWEST WATER LEVEL 79.32 BELOW LSD, FEB. 28, 1973.
 RECORDS AVAILABLE 1955-76, 1979, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	64.38						

302236093140002 LOCAL WELL NUMBER: CU-517

OWNER: SWEETLAKE LAND AND OIL CO. (SEC. 12, T. 8S., R. 9W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 439 FT, SCREENED 357-439. MP LOWER LIP OF DISCHARGE PIPE, 7.10 FT ABOVE LSD.
 LSD 38.80 FT NGVD.
 HIGHEST WATER LEVEL 45.24 BELOW LSD, APR. 4, 1956,
 LOWEST WATER LEVEL 76.19 BELOW LSD, MAR. 11, 1976.
 RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	65.39						

300535093060001 LOCAL WELL NUMBER: CU-519

OWNER: F. H. HELMS. (SEC. 17, T. 11S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, REPORTED DEPTH 364 FT, SCREENED 284-364. MP LOWER LIP OF DISCHARGE PIPE, 5.38 FT ABOVE LSD.
 LSD 16.50 FT NGVD.
 HIGHEST WATER LEVEL 46.49 BELOW LSD, JAN. 1, 1972,
 LOWEST WATER LEVEL 57.39 BELOW LSD, FEB. 18, 1981.
 RECORDS AVAILABLE 1972, 1977, 1979, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	53.27						

300806093360601 LOCAL WELL NUMBER: CU-530

OWNER: MATILDA GRAY ESTATE. (SEC. 4, T. 11S., R. 12W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, REPORTED DEPTH 595 FT, SCREENED 515-595. MP LOWER LIP OF DISCHARGE PIPE, AT LSD.
 LSD 9.32 FT NGVD.
 HIGHEST WATER LEVEL 22.42 BELOW LSD, MAR. 16, 1955,
 LOWEST WATER LEVEL 57.40 BELOW LSD, FEB. 28, 1973.
 RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	48.13						

302347093272901 LOCAL WELL NUMBER: CU-548

OWNER: CIRCLE DRILLING CO. (SEC. 2, T. 8S., R. 11W.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, REPORTED DEPTH 250 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1-IN AIRLINE, 4.00 FT ABOVE LSD.
 LSD 42.00 FT NGVD.
 HIGHEST WATER LEVEL 32.21 BELOW LSD, APR. 1, 1954,
 LOWEST WATER LEVEL 53.94 BELOW LSD, FEB. 29, 1972.
 RECORDS AVAILABLE 1954-62, 1972-78, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	48.29						

300312093073801 LOCAL WELL NUMBER: CU-549

OWNER: WALKER-LA. PROPERTIES. (SEC. 30, T. 11S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM UNKNOWN, REPORTED DEPTH 360 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 5.99 FT ABOVE LSD.
 LSD 6.81 FT NGVD.
 HIGHEST WATER LEVEL 25.67 BELOW LSD, APR. 29, 1958,
 LOWEST WATER LEVEL 55.31 BELOW LSD, AUG. 27, 1963.
 RECORDS AVAILABLE 1958-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	40.71						

301431093131501 LOCAL WELL NUMBER: CU-553

OWNER: GREATER LAKE CHARLES WATER CO. (SEC. 31, T. 9S., R. 8W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, DEPTH 670 FT, SCREENED 584-670. MP AIR VENT HOLE IN PUMP BASE, 1.00 FT ABOVE LSD.
 LSD 15.00 FT NGVD.
 HIGHEST WATER LEVEL 80.53 BELOW LSD, MAR. 2, 1983,
 LOWEST WATER LEVEL 114.28 BELOW LSD, MAR. 9, 1979.
 RECORDS AVAILABLE 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	80.53						

301430093162401 LOCAL WELL NUMBER: CU-561

OWNER: CONTINENTAL OIL CO. (SEC. 34, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 16 IN, DEPTH 287 FT, SCREENED 227-287. MP SQUARE HOLE IN BRASS PLUG, AT LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 58.83 BELOW LSD, FEB. 28, 1983,
 LOWEST WATER LEVEL 69.91 BELOW LSD, FEB. 29, 1972.
 RECORDS AVAILABLE 1972-73, 1975, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	58.83						

GROUND-WATER LEVELS

CALCASIEU PARISH

301945093291301 LOCAL WELL NUMBER: CU-570

OWNER: INDUSTRIAL LUMBER CO. (SEC. 28, T. 8S., R. 11W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 12 IN, REPORTED DEPTH 400 FT, SCREENED INTERVAL UNKNOWN. MP OPENING TO CASING IN PUMP BASE AT 3/4-IN NIPPLE BELOW DRIVE SHAFT U-JOINT, 1.10 FT ABOVE LSD.
 LSD 35.16 FT NGVD.
 HIGHEST WATER LEVEL 37.28 BELOW LSD, SEP. 25, 1957,
 LOWEST WATER LEVEL 65.45 BELOW LSD, MAR. 1, 1973.
 RECORDS AVAILABLE 1955-76, 1978-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	53.80						

301509093252102 LOCAL WELL NUMBER: CU-581

OWNER: PPG INDUSTRIES. (SEC. 30, T. 9S., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 8 IN, REPORTED DEPTH 469 FT, SCREENED 409-469. MP TOP OF 16-IN CASING, 0.80 FT ABOVE LSD.
 LSD 14.44 FT NGVD.
 HIGHEST WATER LEVEL 49.38 BELOW LSD, JAN. 7, 1963,
 LOWEST WATER LEVEL 78.33 BELOW LSD, MAR. 4, 1974.
 RECORDS AVAILABLE 1962-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	66.26						

300818093224601 LOCAL WELL NUMBER: CU-614

OWNER: MAURICE DROST. (SEC. 3, T. 11S., R. 10W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 11 IN, REPORTED DEPTH 545 FT, SCREENED 465-545. MP LOWER LIP OF DISCHARGE PIPE, 5.30 FT ABOVE LSD.
 LSD 10.31 FT NGVD.
 HIGHEST WATER LEVEL 44.41 BELOW LSD, MAR. 14, 1955,
 LOWEST WATER LEVEL 89.91 BELOW LSD, MAR. 4, 1974.
 RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	71.97						

302240093400001 LOCAL WELL NUMBER: CU-625

OWNER: EDGERLY RICE DRYER. (SEC. 11, T. 8S., R. 13W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, REPORTED DEPTH 460 FT, SCREENED 380-460. MP LOWER LIP OF DISCHARGE PIPE, 6.00 FT ABOVE LSD.
 LSD 48.56 FT NGVD.
 HIGHEST WATER LEVEL 30.84 BELOW LSD, APR. 3, 1956,
 LOWEST WATER LEVEL 49.04 BELOW LSD, AUG. 26, 1964.
 RECORDS AVAILABLE 1954-75, 1977-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	45.50						

302044093160401 LOCAL WELL NUMBER: CU-632

OWNER: QUATRE PARISH CO. (SEC. 22, T. 8S., R. 9W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, REPORTED DEPTH 202 FT, SCREENED 142-202. MP LOWER LIP OF DISCHARGE PIPE, 8.00 FT ABOVE LSD.
 LSD 25.45 FT NGVD.
 HIGHEST WATER LEVEL 31.68 BELOW LSD, APR. 28, 1958,
 LOWEST WATER LEVEL 46.90 BELOW LSD, MAR. 9, 1969.
 RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	43.79						

300935093171101 LOCAL WELL NUMBER: CU-634

OWNER: A. MILLER. (SEC. 28, T. 10S., R. 9W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, REPORTED DEPTH 578 FT, SCREENED 498-578. MP LOWER LIP OF DISCHARGE PIPE, 4.93 FT ABOVE LSD.

LSD 18.36 FT NGVD.

HIGHEST WATER LEVEL 95.57 BELOW LSD, MAR. 1, 1983,

LOWEST WATER LEVEL 118.31 BELOW LSD, MAR. 1, 1978.

RECORDS AVAILABLE 1971-74, 1977-79, 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	95.57						

301250093321101 LOCAL WELL NUMBER: CU-635

OWNER: E. C. FONTENOT. (SEC. 6, T. 10S., R. 11W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 22 TO 10 IN, REPORTED DEPTH 460 FT, SCREENED 360-460. MP LOWER LIP OF DISCHARGE PIPE, 8.50 FT ABOVE LSD.

LSD 19.92 FT NGVD.

HIGHEST WATER LEVEL 33.38 BELOW LSD, MAR. 31, 1955,

LOWEST WATER LEVEL 80.62 BELOW LSD, JULY 17, 1974.

RECORDS AVAILABLE 1955-57, 1959-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	59.35						

300711093074501 LOCAL WELL NUMBER: CU-641

OWNER: WALKER-LA. PROPERTIES. (SEC. 12, T. 11S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 368 FT, SCREENED 268-368. MP LOWER LIP OF DISCHARGE PIPE, 12.10 FT ABOVE LSD.

LSD 11.50 FT NGVD.

HIGHEST WATER LEVEL 48.47 BELOW LSD, MAR. 11, 1976,

LOWEST WATER LEVEL 54.97 BELOW LSD, FEB. 18, 1981.

RECORDS AVAILABLE 1972-73, 1976-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	51.26						

301641093035901 LOCAL WELL NUMBER: CU-642

OWNER: F. HEYD. (SEC. 10, T. 9S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 14 TO 8 IN, REPORTED DEPTH 287 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 5.40 FT ABOVE LSD.

LSD 19.00 FT NGVD.

HIGHEST WATER LEVEL 52.48 BELOW LSD, MAR. 7, 1975,

LOWEST WATER LEVEL 57.31 BELOW LSD, FEB. 18, 1981, MAR. 3, 1982.

RECORDS AVAILABLE 1972, 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	56.53						

300637093041201 LOCAL WELL NUMBER: CU-647

OWNER: SWEETLAKE LAND AND OIL CO. (SEC. 10, T. 11S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 400 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 5.12 FT ABOVE LSD.

LSD 10.00 FT NGVD.

HIGHEST WATER LEVEL 44.52 BELOW LSD, MAR. 11, 1976,

LOWEST WATER LEVEL 48.78 BELOW LSD, FEB. 27, 1975.

RECORDS AVAILABLE 1972-78, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	48.23						

GROUND-WATER LEVELS

CALCASIEU PARISH

301154093123801 LOCAL WELL NUMBER: CU-661

OWNER: GREATER LAKE CHARLES WATER CO. (SEC. 8, T. 10S., R. 8W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, DEPTH 729 FT, SCREENED 649-729. MP VENT IN TOP OF CASING, 0.60 FT ABOVE LSD.
 LSD 15.00 FT NGVD.
 HIGHEST WATER LEVEL 93.85 BELOW LSD, MAR. 2, 1983,
 LOWEST WATER LEVEL 113.70 BELOW LSD, FEB. 20, 1981.
 RECORDS AVAILABLE 1977-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	93.85						

301713093173901 LOCAL WELL NUMBER: CU-667

OWNER: GULF STATES UTILITIES CO. (SEC. 9, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 457 FT, SCREENED 447-457. MP TOP OF CASING FLANGE, 2.00 FT ABOVE LSD.
 LSD 17.91 FT NGVD.
 HIGHEST WATER LEVEL 72.49 BELOW LSD, MAR. 30, 1963,
 LOWEST WATER LEVEL 106.56 BELOW LSD, FEB. 19, 1971.
 RECORDS AVAILABLE 1963-74, 1976-78, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	82.80						

301155093123801 LOCAL WELL NUMBER: CU-683

OWNER: GREATER LAKE CHARLES WATER CO. (SEC. 8, T. 10S., R. 8W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 12 IN, DEPTH 497 FT, SCREENED 417-497. MP VENT IN SIDE OF CASING, 2.50 FT ABOVE LSD.
 LSD 17.50 FT NGVD.
 HIGHEST WATER LEVEL 97.90 BELOW LSD, MAR. 2, 1983,
 LOWEST WATER LEVEL 110.12 BELOW LSD, MAR. 24, 1976.
 RECORDS AVAILABLE 1976, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	97.90						

300540093130301 LOCAL WELL NUMBER: CU-688

OWNER: WALKER-LA. PROPERTIES. (SEC. 19, T. 11S., R. 8W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 14 IN, REPORTED DEPTH 694 FT, SCREENED 614-694. MP LOWER LIP OF DISCHARGE PIPE, 10.00 FT ABOVE LSD.
 LSD 10.96 FT NGVD.
 HIGHEST WATER LEVEL 42.78 BELOW LSD, APR. 29, 1958,
 LOWEST WATER LEVEL 76.73 BELOW LSD, MAR. 3, 1982.
 RECORDS AVAILABLE 1958-69, 1971-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	69.02						

301420093130701 LOCAL WELL NUMBER: CU-718

OWNER: GREATER LAKE CHARLES WATER CO. (SEC. 31, T. 9S., R. 8W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 16 IN, DEPTH 500 FT, SCREENED 400-500. MP VENT IN TOP OF CASING, 1.00 FT ABOVE LSD.
 LSD 15.00 FT NGVD.
 HIGHEST WATER LEVEL 97.01 BELOW LSD, MAR. 2, 1983,
 LOWEST WATER LEVEL 104.57 BELOW LSD, FEB. 20, 1981.
 RECORDS AVAILABLE 1977-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	97.01						

300816093125101 LOCAL WELL NUMBER: CU-724

OWNER: LAKE CHARLES MUNICIPAL AIRPORT. (SEC. 6, T. 11S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 653 FT, SCREENED 573-653. MP TOP OF LOWER LIP OF PIPE COUPLING, 0.84 FT ABOVE LSD.
 LSD 18.37 FT NGVD.
 HIGHEST WATER LEVEL 61.50 BELOW LSD, MAR. 27, 1962,
 LOWEST WATER LEVEL 97.14 BELOW LSD, SEP. 10, 1971.
 RECORDS AVAILABLE 1962-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	77.66						

301404093170501 LOCAL WELL NUMBER: CU-725

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 640 FT, SCREENED 630-640. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 17.50 FT NGVD.
 HIGHEST WATER LEVEL 98.10 BELOW LSD, MAR. 2, 1962,
 LOWEST WATER LEVEL 147.59 BELOW LSD, MAY 19, 1978.
 RECORDS AVAILABLE 1961-72, 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	106.58						

301405093171006 LOCAL WELL NUMBER: CU-730

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) 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 OF 2-IN PIPE, 1.60 FT ABOVE LSD.
 LSD 17.67 FT NGVD.
 HIGHEST WATER LEVEL 54.64 BELOW LSD, MAR. 29, 1963,
 LOWEST WATER LEVEL 85.66 BELOW LSD, AUG. 5, 1974.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	70.00	JAN. 27, 1983	67.56	APR. 25, 1983	65.02	JULY 22, 1983	64.54
NOV. 23	69.22	FEB. 28	66.69	MAY 24	64.13	AUG. 25	64.74
DEC. 23	68.57	MAR. 18	66.23	JUNE 23	64.16		

301315093165501 LOCAL WELL NUMBER: CU-737

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 700 FT, SCREENED 690-700. MP TOP OF 1-IN CASING, 3.35 FT ABOVE LSD.
 LSD 6.89 FT NGVD.
 HIGHEST WATER LEVEL 87.66 BELOW LSD, APR. 2, 1962,
 LOWEST WATER LEVEL 145.17 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	118.40	JAN. 27, 1983	107.65	MAY 24, 1983	109.48	JULY 22, 1983	108.58
NOV. 23	115.77	FEB. 28	104.95	JUNE 23	98.18	AUG. 25	109.01
DEC. 23	109.32	APR. 25	107.81				

301315093165502 LOCAL WELL NUMBER: CU-738

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 560 FT, SCREENED 550-560. MP TOP OF 2-IN CASING, 1.66 FT ABOVE LSD.
 LSD 6.57 FT NGVD.
 HIGHEST WATER LEVEL 91.64 BELOW LSD, APR. 2, 1962,
 LOWEST WATER LEVEL 152.55 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1962-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	106.61						

GROUND-WATER LEVELS

CALCASIEU PARISH

301315093165503 LOCAL WELL NUMBER: CU-739

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 201 FT, SCREENED 191-201. MP TOP OF 2-IN PIPE, 1.91 FT ABOVE LSD.
 LSD 6.63 FT NGVD.
 HIGHEST WATER LEVEL 32.14 BELOW LSD, JAN. 21, 1975,
 LOWEST WATER LEVEL 68.83 BELOW LSD, JAN. 24, 1973.
 RECORDS AVAILABLE 1962-73, 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	59.63						

301300093161601 LOCAL WELL NUMBER: CU-746

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 780 FT, SCREENED 770-780. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 7.22 FT NGVD.
 HIGHEST WATER LEVEL 80.32 BELOW LSD, APR. 30, 1962,
 LOWEST WATER LEVEL 131.63 BELOW LSD, MAR. 8, 1969.
 RECORDS AVAILABLE 1962-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	95.64						

301300093161602 LOCAL WELL NUMBER: CU-747

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 540 FT, SCREENED 530-540. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 7.17 FT NGVD.
 HIGHEST WATER LEVEL 88.60 BELOW LSD, MAR. 29, 1963,
 LOWEST WATER LEVEL 134.14 BELOW LSD, JUNE 21, 1978.
 RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	98.09						

301300093161603 LOCAL WELL NUMBER: CU-748

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 280 FT, SCREENED 270-280. MP TOP OF 2-IN CASING, 2.12 FT ABOVE LSD.
 LSD 7.15 FT NGVD.
 HIGHEST WATER LEVEL 43.52 BELOW LSD, MAR. 29, 1963,
 LOWEST WATER LEVEL 69.76 BELOW LSD, NOV. 25, 1968.
 RECORDS AVAILABLE 1963-73, 1976-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	55.91						

301321093125501 LOCAL WELL NUMBER: CU-755

OWNER: PURE ICE CO. (SEC. 6, T. 10S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 6 IN, REPORTED DEPTH 430 FT, SCREENED 370-430. MP ACCESS HOLE IN PUMP BASE, 2.83 FT ABOVE LSD.
 LSD 8.29 FT NGVD.
 HIGHEST WATER LEVEL 67.72 BELOW LSD, APR. 1, 1963,
 LOWEST WATER LEVEL 111.17 BELOW LSD, SEP. 10, 1971.
 RECORDS AVAILABLE 1962-75, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	80.87						

302052093335602 LOCAL WELL NUMBER: CU-762

OWNER: RAYMOND ROYER. (SEC. 23, T. 8S., R. 12W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 431 FT, SCREENED 372-431. MP LOWER LIP OF DISCHARGE PIPE, 4.65 FT ABOVE LSD.
 LSD 39.50 FT NGVD.
 HIGHEST WATER LEVEL 44.25 BELOW LSD, MAR. 29, 1963,
 LOWEST WATER LEVEL 59.74 BELOW LSD, MAR. 1, 1973.
 RECORDS AVAILABLE 1963-73, 1976-77, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	55.50						

301036093124401 LOCAL WELL NUMBER: CU-767

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 850 FT, SCREENED 840-850. MP TOP OF 2-IN CASING, 1.99 FT ABOVE LSD.
 LSD 11.42 FT NGVD.
 HIGHEST WATER LEVEL 63.26 BELOW LSD, MAR. 29, 1963,
 LOWEST WATER LEVEL 105.98 BELOW LSD, SEP. 30, 1974.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	87.00	FEB. 24, 1983	78.19	JUNE 23, 1983	80.06	JULY 22, 1983	81.72
NOV. 24	84.35	APR. 25	75.60	JULY 15	81.69	AUG. 26	79.75
JAN. 27, 1983	79.65	MAY 24	76.90				

301036093124402 LOCAL WELL NUMBER: CU-768

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 306 FT, SCREENED 296-306. MP TOP OF 2-IN CASING, 2.40 FT ABOVE LSD.
 LSD 11.53 FT NGVD.
 HIGHEST WATER LEVEL 53.00 BELOW LSD, MAR. 29, 1963,
 LOWEST WATER LEVEL 89.59 BELOW LSD, FEB. 28, 1973.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	73.77	JAN. 27, 1983	69.17	MAY 24, 1983	66.43	JULY 22, 1983	68.90
NOV. 24	72.19	FEB. 24	68.06	JUNE 23	68.49	AUG. 26	68.32
DEC. 23	70.70	APR. 25	66.58	JULY 15	68.89		

301336093183001 LOCAL WELL NUMBER: CU-769

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 642 FT, SCREENED 632-642. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 17.62 FT NGVD.
 HIGHEST WATER LEVEL 91.56 BELOW LSD, MAR. 28, 1963,
 LOWEST WATER LEVEL 146.44 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	106.69						

301336093183003 LOCAL WELL NUMBER: CU-770

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 490 FT, SCREENED 480-490. MP TOP OF 2-IN CASING, 2.13 FT ABOVE LSD.
 LSD 17.54 FT NGVD.
 HIGHEST WATER LEVEL 91.77 BELOW LSD, MAR. 28, 1963,
 LOWEST WATER LEVEL 146.72 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	106.95						

GROUND-WATER LEVELS

CALCASIEU PARISH

301336093183002 LOCAL WELL NUMBER: CU-771

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 241 FT, SCREENED 231-241. MP TOP OF 2-IN CASING, 2.02 FT ABOVE LSD.
 LSD 17.76 FT NGVD.
 HIGHEST WATER LEVEL 54.97 BELOW LSD, MAR. 28, 1963,
 LOWEST WATER LEVEL 83.83 BELOW LSD, JULY 21, 1971.
 RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	68.23						

301814093384001 LOCAL WELL NUMBER: CU-781

OWNER: EDGERLY RICE DRYER. (SEC. 1, T. 9S., R. 13W.) DRILLED IRRIGATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 22 TO 12 IN, REPORTED DEPTH 460 FT, SCREENED 380-460. MP LOWER LIP OF DISCHARGE PIPE, 5.16 FT ABOVE LSD.
 LSD 34.59 FT NGVD.
 HIGHEST WATER LEVEL 38.75 BELOW LSD, APR. 4, 1964,
 LOWEST WATER LEVEL 58.00 BELOW LSD, SEP. 13, 1971.
 RECORDS AVAILABLE 1964-74, 1976-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	53.08						

301218093175803 LOCAL WELL NUMBER: CU-784

OWNER: U. S. GEOL. SURVEY. (SEC. 9, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 532 FT, SCREENED 522-532. MP TOP OF 2-IN PLASTIC PIPE, 2.00 FT ABOVE LSD.
 LSD 10.78 FT NGVD.
 HIGHEST WATER LEVEL 89.65 BELOW LSD, APR. 8, 1964,
 LOWEST WATER LEVEL 144.88 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1964-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	99.95	JUNE 9, 1983	98.26				

300820093131903 LOCAL WELL NUMBER: CU-786U

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 11S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 840 FT, SCREENED 830-840. MP TOP OF 4-IN CASING, 2.63 FT ABOVE LSD.
 LSD 13.25 FT NGVD.
 HIGHEST WATER LEVEL 62.19 BELOW LSD, APR. 14, 1965,
 LOWEST WATER LEVEL 104.48 BELOW LSD, JULY 21, 1971.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	73.04	JULY 13, 1983	75.42				

300820093131904 LOCAL WELL NUMBER: CU-786L

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 11S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 880 FT, SCREENED 870-880. MP TOP OF 4-IN CASING, 2.63 FT ABOVE LSD.
 LSD 13.25 FT NGVD.
 HIGHEST WATER LEVEL 62.32 BELOW LSD, APR. 14, 1965,
 LOWEST WATER LEVEL 100.71 BELOW LSD, JULY 30, 1973.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	73.21	JULY 13, 1983	75.58				

300353093210201 LOCAL WELL NUMBER: CU-787

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 11S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 734 FT, SCREENED 729-734. MP TOP OF 2-IN CASING, 4.00 FT ABOVE LSD.
 LSD 4.33 FT NGVD.
 HIGHEST WATER LEVEL 46.98 BELOW LSD, APR. 13, 1965,
 LOWEST WATER LEVEL 78.58 BELOW LSD, AUG. 2, 1972.
 RECORDS AVAILABLE 1964-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	58.71						

300825093260801 LOCAL WELL NUMBER: CU-788

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 10S., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 805 FT, SCREENED 800-805. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 6.11 FT NGVD.
 HIGHEST WATER LEVEL 47.61 BELOW LSD, APR. 12, 1965,
 LOWEST WATER LEVEL 77.82 BELOW LSD, AUG. 2, 1972.
 RECORDS AVAILABLE 1964-75, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	58.70						

301100093200001 LOCAL WELL NUMBER: CU-789

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 640 FT, SCREENED 635-640. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 18.42 FT NGVD.
 HIGHEST WATER LEVEL 86.31 BELOW LSD, APR. 12, 1965,
 LOWEST WATER LEVEL 131.68 BELOW LSD, AUG. 2, 1972.
 RECORDS AVAILABLE 1964-75, 1977-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	91.85	JUNE 6, 1983	90.07				

302337093244601 LOCAL WELL NUMBER: CU-790

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 355-360. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 53.29 FT NGVD.
 HIGHEST WATER LEVEL 61.15 BELOW LSD, MAR. 24, 1965,
 LOWEST WATER LEVEL 78.29 BELOW LSD, JUNE 19, 1975.
 RECORDS AVAILABLE 1964-77, 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	69.08						

301339093074701 LOCAL WELL NUMBER: CU-796

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 490 FT, SCREENED 485-490. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.
 LSD 10.76 FT NGVD.
 HIGHEST WATER LEVEL 58.88 BELOW LSD, MAR. 20, 1967,
 LOWEST WATER LEVEL 73.83 BELOW LSD, FEB. 18, 1981.
 RECORDS AVAILABLE 1965-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	66.12						

GROUND-WATER LEVELS

CALCASIEU PARISH

300919093055601 LOCAL WELL NUMBER: CU-798

OWNER: E. O. DAUGHENBAUGH AND SON. (SEC. 29, T. 10S., R. 7W.) DRILLED IRRIGATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 12 IN, REPORTED DEPTH 345 FT, SCREENED 265-345. MP LOWER LIP OF DISCHARGE PIPE, 11.62 FT ABOVE LSD.

LSD 25.43 FT NGVD.

HIGHEST WATER LEVEL 50.41 BELOW LSD, FEB. 24, 1983,

LOWEST WATER LEVEL 65.95 BELOW LSD, FEB. 19, 1971.

RECORDS AVAILABLE 1967-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	50.41						

300812093165802 LOCAL WELL NUMBER: CU-811

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 923 FT, SCREENED 912-923. MP TOP OF 2-IN CASING, 1.65 FT ABOVE LSD.

LSD 11.00 FT NGVD.

HIGHEST WATER LEVEL 74.52 BELOW LSD, MAR. 1, 1983,

LOWEST WATER LEVEL 99.85 BELOW LSD, SEP. 8, 1975.

RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	74.52						

301148093193201 LOCAL WELL NUMBER: CU-842

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 575 FT, SCREENED 572-575. MP TOP OF CASING, 1.75 FT BELOW LSD.

LSD 12.00 FT NGVD.

HIGHEST WATER LEVEL 101.97 BELOW LSD, JUNE 7, 1983,

LOWEST WATER LEVEL 160.98 BELOW LSD, SEP. 10, 1973.

RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	104.32	JUNE 7, 1983	101.97				

301148093193202 LOCAL WELL NUMBER: CU-843

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 205 FT, SCREENED 200-205. MP TOP OF CASING, 0.87 FT BELOW LSD.

LSD 12.00 FT NGVD.

HIGHEST WATER LEVEL 58.89 BELOW LSD, JUNE 7, 1983,

LOWEST WATER LEVEL 73.05 BELOW LSD, SEP. 10, 1974.

RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	61.20	JUNE 7, 1983	58.89				

301230093193202 LOCAL WELL NUMBER: CU-847

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 522 FT, SCREENED 517-522. MP TOP OF 2-IN PIPE, 1.93 FT ABOVE LSD.

LSD 13.00 FT NGVD.

HIGHEST WATER LEVEL 97.06 BELOW LSD, FEB. 24, 1983,

LOWEST WATER LEVEL 140.65 BELOW LSD, JULY 25, 1974.

RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	97.06						

301043093201601 LOCAL WELL NUMBER: CU-848

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 542 FT, SCREENED 537-542. MP TOP OF 2-IN CASING, 1.00 FT ABOVE LSD.
 LSD 15.00 FT NGVD.
 HIGHEST WATER LEVEL 109.03 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 166.65 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	109.03						

301205093182501 LOCAL WELL NUMBER: CU-849

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 8, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 564 FT, SCREENED 559-564. MP TOP OF 2-IN CASING, 1.42 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 97.70 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 162.33 BELOW LSD, OCT. 17, 1973.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	97.70	JUNE 29, 1983	98.59				

301200093191901 LOCAL WELL NUMBER: CU-850

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 548 FT, SCREENED 543-548. MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 94.84 BELOW LSD, JUNE 10, 1983,
 LOWEST WATER LEVEL 148.75 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	96.12	JUNE 10, 1983	94.84				

301213093191701 LOCAL WELL NUMBER: CU-851

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 555 FT, SCREENED 550-555. MP TOP OF 2-IN CASING, 1.16 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 96.29 BELOW LSD, JUNE 10, 1983,
 LOWEST WATER LEVEL 145.67 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	97.63	JUNE 10, 1983	96.29				

301153093192101 LOCAL WELL NUMBER: CU-852

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 7, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 560 FT, SCREENED 555-560. MP TOP OF 2-IN CASING, 4.40 FT ABOVE LSD.
 LSD 11.00 FT NGVD.
 HIGHEST WATER LEVEL 97.17 BELOW LSD, JUNE 10, 1983,
 LOWEST WATER LEVEL 154.60 BELOW LSD, JULY 25, 1974.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	98.97	JUNE 10, 1983	97.17				

GROUND-WATER LEVELS

CALCASIEU PARISH

300806093360301 LOCAL WELL NUMBER: CU-853

OWNER: MATILDA GRAY ESTATE. (SEC. 4, T. 11S., R. 12W.) DRILLED STOCK-SUPPLY ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 230 FT, SCREENED 220-230. MP 1/2-IN PLUG IN SANITARY SEAL, 1.65 FT ABOVE LSD.
 LSD 18.00 FT NGVD.
 HIGHEST WATER LEVEL 56.62 BELOW LSD, FEB. 23, 1983,
 LOWEST WATER LEVEL 62.41 BELOW LSD, FEB. 28, 1979.
 RECORDS AVAILABLE 1977-79, 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	56.62						

300643093044702 LOCAL WELL NUMBER: CU-854

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 430 FT, SCREENED 420-430. MP TOP OF 2-IN CASING, 2.91 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 52.42 BELOW LSD, MAR. 11, 1976,
 LOWEST WATER LEVEL 77.47 BELOW LSD, JUNE 19, 1975.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	52.91						

300643093044701 LOCAL WELL NUMBER: CU-947

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 600 FT, SCREENED 595-600. MP TOP OF 2-IN CASING, 1.14 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 62.05 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 75.84 BELOW LSD, SEP. 3, 1974.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	62.05						

301944093170401 LOCAL WELL NUMBER: CU-958

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 707 FT, SCREENED 702-707. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 57.34 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 73.68 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	57.34						

301031093204901 LOCAL WELL NUMBER: CU-959

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 733 FT, SCREENED 727-733. MP TOP OF 2-IN CASING, 2.85 FT ABOVE LSD.
 LSD 21.00 FT NGVD.
 HIGHEST WATER LEVEL 89.66 BELOW LSD, JUNE 6, 1983,
 LOWEST WATER LEVEL 128.70 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	91.39	JUNE 6, 1983	89.66				

301031093204902 LOCAL WELL NUMBER: CU-960

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 598 FT, SCREENED 592-598. MP TOP OF 2-IN CASING, 2.86 FT ABOVE LSD.
 LSD 21.00 FT NGVD.
 HIGHEST WATER LEVEL 92.48 BELOW LSD, JUNE 6, 1983,
 LOWEST WATER LEVEL 134.18 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	94.01	JUNE 6, 1983	92.48				

300812093165801 LOCAL WELL NUMBER: CU-962

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 11S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 287 FT, SCREENED 281-287. MP TOP OF 2-IN CASING, 1.70 FT ABOVE LSD.
 LSD 11.00 FT NGVD.
 HIGHEST WATER LEVEL 52.97 BELOW LSD, MAR. 4, 1976,
 LOWEST WATER LEVEL 55.24 BELOW LSD, FEB. 17, 1981.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	54.36						

300718093220001 LOCAL WELL NUMBER: CU-963

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 11S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 399 FT, SCREENED 393-399. MP TOP OF 2-IN CASING, 1.60 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 70.93 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 96.77 BELOW LSD, AUG. 1, 1974.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	70.93						

301339093253901 LOCAL WELL NUMBER: CU-964

OWNER: U. S. GEOL. SURVEY. (SEC. 31, T. 9S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 354-360. MP TOP OF 2-IN CASING, 1.30 FT ABOVE LSD.
 LSD 16.00 FT NGVD.
 HIGHEST WATER LEVEL 65.19 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 89.78 BELOW LSD, AUG. 19, 1975.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	65.19						

301013093231201 LOCAL WELL NUMBER: CU-965

OWNER: U. S. GEOL. SURVEY. (SEC. 21, T. 10S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 270 FT, SCREENED 264-270. MP TOP OF 2-IN CASING, AT LSD.
 LSD 15.00 FT NGVD.
 HIGHEST WATER LEVEL 59.43 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 74.74 BELOW LSD, JUNE 12, 1974.
 RECORDS AVAILABLE 1974-81, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	59.43						

GROUND-WATER LEVELS

CALCASIEU PARISH

301350093045001 LOCAL WELL NUMBER: CU-966

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 235 FT, SCREENED 229-235. MP TOP OF 2-IN CASING, 1.40 FT ABOVE LSD.
 LSD 18.00 FT NGVD.
 HIGHEST WATER LEVEL 51.01 BELOW LSD, MAR. 1, 1978,
 LOWEST WATER LEVEL 71.45 BELOW LSD, JUNE 19, 1975.
 RECORDS AVAILABLE 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	52.76	JUNE 21, 1983	66.91				

300557093250401 LOCAL WELL NUMBER: CU-968

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 11S., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 276 FT, SCREENED 270-276. MP TOP OF 2-IN CASING, 1.30 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 46.82 BELOW LSD, FEB. 23, 1983,
 LOWEST WATER LEVEL 53.61 BELOW LSD, JUNE 18, 1975.
 RECORDS AVAILABLE 1974-81, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	46.82						

301117093021601 LOCAL WELL NUMBER: CU-969

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 10S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 190 FT, SCREENED 184-190. MP TOP OF 2-IN CASING, 1.53 FT ABOVE LSD.
 LSD 21.00 FT NGVD.
 HIGHEST WATER LEVEL 52.33 BELOW LSD, FEB. 18, 1981,
 LOWEST WATER LEVEL 84.33 BELOW LSD, JULY 19, 1974.
 RECORDS AVAILABLE 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	52.95	JUNE 21, 1983	67.85				

300534092564401 LOCAL WELL NUMBER: CU-970

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 11S., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 780 FT, SCREENED 770-780. MP TOP OF 2-IN CASING, 1.90 FT ABOVE LSD.
 LSD 5.00 FT NGVD.
 HIGHEST WATER LEVEL 36.83 BELOW LSD, MAR. 1, 1979,
 LOWEST WATER LEVEL 44.28 BELOW LSD, JULY 24, 1975.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	40.24	JUNE 21, 1983	41.22				

300534092564402 LOCAL WELL NUMBER: CU-971

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 11S., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 500 FT, SCREENED 490-500. MP TOP OF 2-IN CASING, 1.70 FT ABOVE LSD.
 LSD 5.00 FT NGVD.
 HIGHEST WATER LEVEL 34.10 BELOW LSD, MAR. 2, 1978,
 LOWEST WATER LEVEL 46.18 BELOW LSD, JULY 24, 1975.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	36.76	JUNE 21, 1983	40.89				

301941093035601 LOCAL WELL NUMBER: CU-972

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 8S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 595 FT, SCREENED 585-595. MP TOP OF 2-IN CASING, 1.65 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 45.32 BELOW LSD, FEB. 25, 1983,
 LOWEST WATER LEVEL 51.03 BELOW LSD, JUNE 25, 1975.
 RECORDS AVAILABLE 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	45.32	JUNE 9, 1983	45.99				

301601093130601 LOCAL WELL NUMBER: CU-973

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 661 FT, SCREENED 651-661. MP TOP OF 2-IN CASING, 4.22 FT ABOVE LSD.
 LSD 5.00 FT NGVD.
 HIGHEST WATER LEVEL 71.56 BELOW LSD, FEB. 28, 1983,
 LOWEST WATER LEVEL 93.05 BELOW LSD, AUG. 18, 1975.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	71.56	JUNE 8, 1983	72.08				

301601093130602 LOCAL WELL NUMBER: CU-974

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 466 FT, SCREENED 456-466. MP TOP OF 2-IN CASING, 4.00 FT ABOVE LSD.
 LSD 5.00 FT NGVD.
 HIGHEST WATER LEVEL 70.80 BELOW LSD, JUNE 8, 1983,
 LOWEST WATER LEVEL 92.83 BELOW LSD, AUG. 18, 1975.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	73.20	JUNE 8, 1983	70.80				

301941093035602 LOCAL WELL NUMBER: CU-975

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 8S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 237 FT, SCREENED 231-237. MP TOP OF 2-IN CASING, 1.80 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 38.77 BELOW LSD, MAR. 3, 1978,
 LOWEST WATER LEVEL 41.08 BELOW LSD, FEB. 25, 1983.
 RECORDS AVAILABLE 1975-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	41.08	JUNE 9, 1983	40.84				

301129093183001 LOCAL WELL NUMBER: CU-976

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 550 FT, SCREENED 545-550. MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 93.13 BELOW LSD, FEB. 28, 1983,
 LOWEST WATER LEVEL 129.07 BELOW LSD, JUNE 13, 1977.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	93.13	JULY 19, 1983	95.07				

GROUND-WATER LEVELS

CALCASIEU PARISH

301944093170402 LOCAL WELL NUMBER: CU-977

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 8S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 515 FT, SCREENED 510-515. MP TOP OF 2-IN CASING, 2.45 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 56.69 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 71.87 BELOW LSD, AUG. 19, 1975.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	56.69						

301409093120301 LOCAL WELL NUMBER: CU-978

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 32, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 645 FT, SCREENED 640-645. MP TOP OF 2-IN CASING, 2.75 FT ABOVE LSD.
 LSD 15.00 FT NGVD.
 HIGHEST WATER LEVEL 82.57 BELOW LSD, FEB. 23, 1983,
 LOWEST WATER LEVEL 100.35 BELOW LSD, MAY 19, 1978.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	82.57	JULY 20, 1983	85.41				

301005093110401 LOCAL WELL NUMBER: CU-979

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 28, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 555 FT, SCREENED 550-555. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 79.92 BELOW LSD, MAR. 1, 1983,
 LOWEST WATER LEVEL 102.61 BELOW LSD, JUNE 23, 1978.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	79.92	JULY 20, 1983	83.52				

300813093403901 LOCAL WELL NUMBER: CU-981

OWNER: LA. TOURIST COMMISSION. (SEC. 3, T. 11S., R. 13W.) DRILLED RECREATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 200 FT, SCREENED 180-200. MP VENT IN TOP OF SANITARY SEAL, 1.75 FT ABOVE LSD.
 LSD 8.90 FT NGVD.
 HIGHEST WATER LEVEL 12.17 BELOW LSD, MAR. 5, 1975,
 LOWEST WATER LEVEL 14.35 BELOW LSD, MAR. 10, 1977.
 RECORDS AVAILABLE 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	12.65						

301008093172001 LOCAL WELL NUMBER: CU-982

OWNER: MRS. R. G. STEWART. (SEC. 21, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 500 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 4-IN CASING, 1.57 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 99.10 BELOW LSD, MAR. 1, 1983,
 LOWEST WATER LEVEL 114.75 BELOW LSD, FEB. 18, 1981.
 RECORDS AVAILABLE 1974-75, 1977, 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	99.10						

301335093130101 LOCAL WELL NUMBER: CU-985

OWNER: CARL H. HANCHEY. (SEC. 6, T. 9S., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 400 FT, SCREENED 380-400. MP TOP OF COUPLING (MUST REMOVE PLUG TO MEASURE), 0.18 FT ABOVE LSD.
 LSD 17.00 FT NGVD.
 HIGHEST WATER LEVEL 90.36 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 115.32 BELOW LSD, JULY 19, 1978.
 RECORDS AVAILABLE 1975-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	90.36						

301059093125101 LOCAL WELL NUMBER: CU-988

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 523 FT, SCREENED 518-523. MP TOP OF CASING, 0.21 FT BELOW LSD.
 LSD 14.00 FT NGVD.
 HIGHEST WATER LEVEL 84.71 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 113.62 BELOW LSD, JULY 19, 1978.
 RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	84.71						

301059093125102 LOCAL WELL NUMBER: CU-989

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 335 FT, SCREENED 330-335. MP TOP OF CASING, 0.20 FT BELOW LSD.
 LSD 14.00 FT NGVD.
 HIGHEST WATER LEVEL 72.04 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 88.50 BELOW LSD, JULY 19, 1978.
 RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	72.04						

301059093125103 LOCAL WELL NUMBER: CU-990

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 183 FT, SCREENED 178-183. MP TOP OF CASING, 0.36 FT BELOW LSD.
 LSD 14.00 FT NGVD.
 HIGHEST WATER LEVEL 64.41 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 73.83 BELOW LSD, AUG. 16, 1978.
 RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	64.41						

300634093400401 LOCAL WELL NUMBER: CU-994

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 11S., R. 13W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 757 FT, SCREENED 752-757. MP TOP OF 2-IN CASING, 2.90 FT ABOVE LSD.
 LSD 5.00 FT NGVD.
 HIGHEST WATER LEVEL 48.26 BELOW LSD, JUNE 27, 1983,
 LOWEST WATER LEVEL 54.94 BELOW LSD, FEB. 23, 1983.
 RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	54.94	JUNE 27, 1983	48.26				

GROUND-WATER LEVELS

CALCASIEU PARISH

301141093123501 LOCAL WELL NUMBER: CU-1020

OWNER: U. S. GEOL. SURVEY. (SEC. 17, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 375 FT, SCREENED 367-375. MP TOP OF CASING, 1.90 FT ABOVE LSD.
 LSD 18.00 FT NGVD.
 HIGHEST WATER LEVEL 89.72 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 114.27 BELOW LSD, JULY 7, 1978.
 RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	89.72						

301435093154601 LOCAL WELL NUMBER: CU-1021

OWNER: U. S. GEOL. SURVEY. (SEC. 26, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 487 FT, SCREENED 477-487. MP TOP OF CASING, 1.75 FT ABOVE LSD.
 LSD 12.00 FT NGVD.
 HIGHEST WATER LEVEL 99.89 BELOW LSD, FEB. 28, 1983,
 LOWEST WATER LEVEL 133.57 BELOW LSD, JULY 19, 1978.
 RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	99.89	JUNE 8, 1983	100.43				

301444093162901 LOCAL WELL NUMBER: CU-1022

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 618 FT, SCREENED 608-618. MP TOP OF CASING, 1.00 FT ABOVE LSD.
 LSD 11.00 FT NGVD.
 HIGHEST WATER LEVEL 101.52 BELOW LSD, FEB. 28, 1983,
 LOWEST WATER LEVEL 137.32 BELOW LSD, AUG. 16, 1978.
 RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	101.52						

301404093170507 LOCAL WELL NUMBER: CU-1040

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 352 FT, SCREENED 342-352. MP TOP OF 2-IN PIPE, 1.50 FT ABOVE LSD.
 LSD 19.10 FT NGVD.
 HIGHEST WATER LEVEL 120.64 BELOW LSD, FEB. 28, 1983,
 LOWEST WATER LEVEL 146.29 BELOW LSD, FEB. 23, 1981.
 RECORDS AVAILABLE 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	120.64						

300702093165801 LOCAL WELL NUMBER: CU-1041

OWNER: U. S. GEOL. SURVEY. (SEC. 9, T. 11S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 560 FT, SCREENED 550-560. MP TOP OF 2-IN PIPE, 1.20 FT ABOVE LSD.
 LSD 9.00 FT NGVD.
 HIGHEST WATER LEVEL 71.60 BELOW LSD, MAR. 1, 1983,
 LOWEST WATER LEVEL 88.51 BELOW LSD, OCT. 31, 1979.
 RECORDS AVAILABLE 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	71.60	JUNE 20, 1983	74.21				

CALCASIEU PARISH

301829093113801 LOCAL WELL NUMBER: CU-1045

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 9S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 499 FT, SCREENED 489-499. MP TOP OF 2-IN CASING, 1.70 FT ABOVE LSD.
 LSD 29.00 FT NGVD.
 HIGHEST WATER LEVEL 70.42 BELOW LSD, MAR. 17, 1983,
 LOWEST WATER LEVEL 77.32 BELOW LSD, FEB. 17, 1981.
 RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 29, 1980	76.30	FEB. 17, 1981	77.32	FEB. 25, 1982	75.26	MAR. 17, 1983	70.42

301711093190402 LOCAL WELL NUMBER: CU-1046

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 688 FT, SCREENED 678-688. MP TOP OF CASING, AT LSD.
 LSD 17.00 FT NGVD.
 HIGHEST WATER LEVEL 75.20 BELOW LSD, JUNE 8, 1983,
 LOWEST WATER LEVEL 90.38 BELOW LSD, FEB. 4, 1981.
 RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 28, 1983	76.80	JUNE 8, 1983	75.20				

301410093193301 LOCAL WELL NUMBER: CU-1048

OWNER: U. S. GEOL. SURVEY. (SEC. 31, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 705 FT, SCREENED 695-705. MP EDGE OF METER BOX, 0.50 FT BELOW LSD.
 LSD 12.50 FT NGVD.
 HIGHEST WATER LEVEL 90.48 BELOW LSD, JUNE 7, 1983,
 LOWEST WATER LEVEL 118.64 BELOW LSD, AUG. 5, 1980.
 RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	91.85	JUNE 7, 1983	90.48				

CAMERON PARISH

295935092473001 LOCAL WELL NUMBER: CN-16

OWNER: MAPLE HUGHES ESTATE. (SEC. 20, T. 12S., 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 LOWER LIP OF DISCHARGE PIPE, 1.60 FT ABOVE LSD.
 LSD 5.03 FT NGVD.
 HIGHEST WATER LEVEL 5.59 BELOW LSD, MAY 21, 1947,
 LOWEST WATER LEVEL 35.37 BELOW LSD, JULY 20, 1978.
 RECORDS AVAILABLE 1946-72, 1974-81, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	29.00						

294344092491601 LOCAL WELL NUMBER: CN-60

OWNER: ROCKEFELLER NATIONAL WILDLIFE REFUGE. (SEC. 19, T. 15S., R. 4W.) DRILLED STOCK-SUPPLY ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 6 IN, REPORTED DEPTH 274 FT, SCREENED 211-274. MP TOP EDGE OF 1-IN NIPPLE, 2.40 FT ABOVE LSD.
 LSD 3.87 FT NGVD.
 HIGHEST WATER LEVEL 5.97 BELOW LSD, SEP. 10, 1958,
 LOWEST WATER LEVEL 10.86 BELOW LSD, FEB. 17, 1981.
 RECORDS AVAILABLE 1957-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	10.67						

GROUND-WATER LEVELS

CAMERON PARISH

295938093233601 LOCAL WELL NUMBER: CN-66

OWNER: CITIES SERVICE OIL CO. (SEC. 21, T. 12S., R. 10W.) DRILLED INDUSTRIAL ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 22 TO 10 IN, REPORTED DEPTH 503 FT, SCREENED 423-503. MP PIPE FOR AIRLINE (SOUTH SIDE OF PUMP BASE), 2.10 FT ABOVE LSD.
 LSD 9.38 FT NGVD.
 HIGHEST WATER LEVEL 35.66 BELOW LSD, APR. 20, 1959,
 LOWEST WATER LEVEL 66.45 BELOW LSD, MAR. 2, 1979.
 RECORDS AVAILABLE 1958-67, 1969-71, 1979, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 18, 1983	57.30						

295324093240601 LOCAL WELL NUMBER: CN-73

OWNER: SABINE NATIONAL WILDLIFE REFUGE. (SEC. 32, T. 13S., R. 10W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 4 IN, REPORTED DEPTH 515 FT, SCREENED 500-515. MP TOP OF 1/2-IN PLUG HOLE IN STEEL PLATE, 0.50 FT ABOVE LSD.
 LSD 9.59 FT NGVD.
 HIGHEST WATER LEVEL 19.40 BELOW LSD, MAR. 27, 1961,
 LOWEST WATER LEVEL 38.84 BELOW LSD, FEB. 15, 1978.
 RECORDS AVAILABLE 1961-72, 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1983	34.29						

295846092381104 LOCAL WELL NUMBER: CN-80U

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 453 FT, SCREENED 443-453. MP TOP OF 1-IN PIPE, 3.32 FT ABOVE LSD.
 LSD 4.73 FT NGVD.
 HIGHEST WATER LEVEL 19.42 BELOW LSD, MAR. 22, 1965,
 LOWEST WATER LEVEL 30.80 BELOW LSD, JUNE 20, 1978.
 RECORDS AVAILABLE 1964-75, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	26.68	AUG. 23, 1983	26.87				

295846092381105 LOCAL WELL NUMBER: CN-80L

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 481 FT, SCREENED 475-481. MP TOP OF 1-IN PIPE, 3.32 FT ABOVE LSD.
 LSD 4.73 FT NGVD.
 HIGHEST WATER LEVEL 19.47 BELOW LSD, MAR. 22, 1965,
 LOWEST WATER LEVEL 30.88 BELOW LSD, JUNE 20, 1978.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	26.58	AUG. 23, 1983	27.27				

300125092382503 LOCAL WELL NUMBER: CN-81U

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 448 FT, SCREENED 438-448. MP TOP OF 1-IN PIPE, 3.18 FT ABOVE LSD.
 LSD 4.45 FT NGVD.
 HIGHEST WATER LEVEL 20.92 BELOW LSD, MAR. 22, 1965,
 LOWEST WATER LEVEL 31.83 BELOW LSD, MAY 11, 1982.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	28.37	AUG. 23, 1983	29.91				

300125092382504 LOCAL WELL NUMBER: CN-81L

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 478 FT, SCREENED 468-478. MP TOP OF 1-IN PIPE, 3.18 FT ABOVE LSD.

LSD 4.45 FT NGVD.

HIGHEST WATER LEVEL 20.99 BELOW LSD, MAR. 22, 1965,

LOWEST WATER LEVEL 32.37 BELOW LSD, MAY 11, 1982.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	28.67	AUG. 23, 1983	30.40				

300120093320801 LOCAL WELL NUMBER: CN-86U

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 12S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 535 FT, SCREENED 525-535. MP TOP OF 1-IN PIPE, 2.91 FT ABOVE LSD.

LSD 3.66 FT NGVD.

HIGHEST WATER LEVEL 32.01 BELOW LSD, APR. 12, 1965,

LOWEST WATER LEVEL 51.22 BELOW LSD, SEP. 19, 1971.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	44.87						

300120093320802 LOCAL WELL NUMBER: CN-86L

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 12S., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, DEPTH 641 FT, SCREENED 631-641. MP TOP OF 1-IN PIPE, 2.91 FT ABOVE LSD.

LSD 3.66 FT NGVD.

HIGHEST WATER LEVEL 32.16 BELOW LSD, APR. 12, 1965,

LOWEST WATER LEVEL 51.34 BELOW LSD, SEP. 19, 1971.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	45.01						

295324093240602 LOCAL WELL NUMBER: CN-87

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 13S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 804 FT, SCREENED 798-804. MP TOP OF 2-IN CASING, 1.00 FT ABOVE LSD.

LSD 8.46 FT NGVD.

HIGHEST WATER LEVEL 22.38 BELOW LSD, DEC. 16, 1963,

LOWEST WATER LEVEL 49.63 BELOW LSD, SEP. 28, 1978.

RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	43.60	JUNE 29, 1983	42.22				

300055093093003 LOCAL WELL NUMBER: CN-88U

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 666 FT, SCREENED 656-666. MP TOP OF 1/2-IN PIPE, 2.68 FT ABOVE LSD.

LSD 8.86 FT NGVD.

HIGHEST WATER LEVEL 39.97 BELOW LSD, APR. 13, 1965,

LOWEST WATER LEVEL 66.62 BELOW LSD, JULY 21, 1978.

RECORDS AVAILABLE 1964-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	52.07						

GROUND-WATER LEVELS

CAMERON PARISH

300055093093004 LOCAL WELL NUMBER: CN-88L

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 1/2 IN, DEPTH 804 FT, SCREENED 794-804. MP TOP OF 1/2-IN PIPE, 2.68 FT ABOVE LSD.
 LSD 8.86 FT NGVD.
 HIGHEST WATER LEVEL 40.27 BELOW LSD, APR. 13, 1965,
 LOWEST WATER LEVEL 66.95 BELOW LSD, JULY 21, 1978.
 RECORDS AVAILABLE 1964-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	51.19						

295148092505901 LOCAL WELL NUMBER: CN-89

OWNER: U. S. CORPS OF ENGINEERS. (SEC. 1, T. 14S., R. 5W.) DRILLED DOMESTIC ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, REPORTED DEPTH 350 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1/4-IN TAP HOLE IN CASING CAP, 1.00 FT ABOVE LSD.
 LSD 6.49 FT NGVD.
 HIGHEST WATER LEVEL 19.32 BELOW LSD, MAR. 25, 1964,
 LOWEST WATER LEVEL 29.00 BELOW LSD, SEP. 21, 1978.
 RECORDS AVAILABLE 1964-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	26.60						

295611093044801 LOCAL WELL NUMBER: CN-90

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 13S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 396 FT, SCREENED 386-396. MP TOP OF 4-IN CASING, 1.71 FT ABOVE LSD.
 LSD 3.19 FT NGVD.
 HIGHEST WATER LEVEL 20.04 BELOW LSD, APR. 13, 1965,
 LOWEST WATER LEVEL 36.85 BELOW LSD, AUG. 14, 1973.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	28.85	JULY 20, 1983	31.29				

300104093015601 LOCAL WELL NUMBER: CN-92

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 12S., R. 7W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 443 FT, SCREENED 438-443. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 5.50 FT NGVD.
 HIGHEST WATER LEVEL 26.02 BELOW LSD, APR. 13, 1965,
 LOWEST WATER LEVEL 53.96 BELOW LSD, AUG. 14, 1973.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	35.15	JULY 20, 1983	40.61				

294709093174301 LOCAL WELL NUMBER: CN-93

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 16, T. 15S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 355-360. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.
 LSD 3.76 FT NGVD.
 HIGHEST WATER LEVEL 9.64 BELOW LSD, DEC. 15, 1965,
 LOWEST WATER LEVEL 25.83 BELOW LSD, FEB. 28, 1979.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	25.36	JUNE 29, 1983	24.32				

294543093391401 LOCAL WELL NUMBER: CN-94

OWNER: U. S. GEOL. SURVEY. (SEC. 17, T. 15S., R. 13W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 1,118 FT, SCREENED 1,112-1,118. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.

LSD 6.22 FT NGVD.

HIGHEST WATER LEVEL 30.12 BELOW LSD, JUNE 17, 1965,

LOWEST WATER LEVEL 41.82 BELOW LSD, FEB. 20, 1981.

RECORDS AVAILABLE 1965-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	40.90						

294551092573701 LOCAL WELL NUMBER: CN-111

OWNER: CONTINENTAL OIL CO. (SEC. 39, T. 15S., R. 6W.) DRILLED INDUSTRIAL ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 10 IN, REPORTED DEPTH 590 FT, SCREENED 539-590. MP TOP OF AIR VENT, 2.43 FT ABOVE LSD.

LSD 5.00 FT NGVD.

HIGHEST WATER LEVEL 18.17 BELOW LSD, FEB. 23, 1983,

LOWEST WATER LEVEL 34.24 BELOW LSD, FEB. 22, 1972.

RECORDS AVAILABLE 1969, 1972, 1974-75, 1977-79, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	18.17B						

294526092424801 LOCAL WELL NUMBER: CN-112

OWNER: PAN AMERICAN PETROLEUM CO. (SEC. 8, T. 15S., R. 3W.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 11 TO 7 IN, REPORTED DEPTH 247 FT, SCREENED 205-247. MP TOP OF 3/4-IN NIPPLE, 0.90 FT ABOVE LSD.

LSD 4.00 FT NGVD.

HIGHEST WATER LEVEL 14.32 BELOW LSD, FEB. 22, 1972,

LOWEST WATER LEVEL 15.43 BELOW LSD, FEB. 17, 1981.

RECORDS AVAILABLE 1972, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	15.22						

300113093365701 LOCAL WELL NUMBER: CN-113

OWNER: SHELL OIL CO. (SEC. 17, T. 12S., R. 12W.) DRILLED INDUSTRIAL ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM UNKNOWN, REPORTED DEPTH 600 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 1.40 FT ABOVE LSD.

LSD 4.00 FT NGVD.

HIGHEST WATER LEVEL 46.02 BELOW LSD, FEB. 23, 1983,

LOWEST WATER LEVEL 50.04 BELOW LSD, FEB. 28, 1979.

RECORDS AVAILABLE 1975-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	46.02						

294615093004201 LOCAL WELL NUMBER: CN-118

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 15S., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 638 FT, SCREENED 628-638. MP TOP OF 2-IN CASING, 2.33 FT ABOVE LSD.

LSD 5.00 FT NGVD.

HIGHEST WATER LEVEL 20.58 BELOW LSD, APR. 28, 1975,

LOWEST WATER LEVEL 23.39 BELOW LSD, DEC. 6, 1979.

RECORDS AVAILABLE 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	21.79	JUNE 29, 1983	20.99				

See footnotes at end of table.

GROUND-WATER LEVELS

CAMERON PARISH

294709093174302 LOCAL WELL NUMBER: CN-119

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 15S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 910 FT, SCREENED 900-910. MP TOP OF 2-IN CASING, 2.86 FT ABOVE LSD.
 LSD 3.50 FT NGVD.
 HIGHEST WATER LEVEL 28.31 BELOW LSD, JUNE 29, 1983,
 LOWEST WATER LEVEL 31.49 BELOW LSD, DEC. 9, 1974.
 RECORDS AVAILABLE 1974-81, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 24, 1983	29.43	JUNE 29, 1983	28.31				

295721093115701 LOCAL WELL NUMBER: CN-120

OWNER: U. S. GEOL. SURVEY. (T. 13S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 764 FT, SCREENED 754-764. MP TOP OF 2-IN CASING, 2.30 FT ABOVE LSD.
 LSD 3.00 FT NGVD.
 HIGHEST WATER LEVEL 36.85 BELOW LSD, DEC. 3, 1975,
 LOWEST WATER LEVEL 51.02 BELOW LSD, JUNE 16, 1978.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	41.75	JUNE 20, 1983	41.52				

300040093161801 LOCAL WELL NUMBER: CN-121

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 691 FT, SCREENED 681-691. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.
 LSD 3.00 FT NGVD.
 HIGHEST WATER LEVEL 49.10 BELOW LSD, FEB. 23, 1983,
 LOWEST WATER LEVEL 61.00 BELOW LSD, JUNE 16, 1978.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	49.10	JUNE 20, 1983	50.26				

300140093202201 LOCAL WELL NUMBER: CN-122

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 12S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 920 FT, SCREENED 910-920. MP TOP OF 2-IN CASING, 3.40 FT ABOVE LSD.
 LSD 2.00 FT NGVD.
 HIGHEST WATER LEVEL 52.04 BELOW LSD, JUNE 28, 1983,
 LOWEST WATER LEVEL 64.79 BELOW LSD, DEC. 3, 1974.
 RECORDS AVAILABLE 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	52.06	MAR. 18, 1983	52.06	JUNE 28, 1983	52.04		

294557093223601 LOCAL WELL NUMBER: CN-123

OWNER: CAMERON PARISH POLICE JURY. (SEC. 21, T. 15S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 236 FT, SCREENED 226-236. MP TOP OF 2-IN CASING, 2.30 FT ABOVE LSD.
 LSD 5.00 FT NGVD.
 HIGHEST WATER LEVEL 19.99 BELOW LSD, JUNE 18, 1975,
 LOWEST WATER LEVEL 24.06 BELOW LSD, DEC. 4, 1979.
 RECORDS AVAILABLE 1975-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23, 1983	22.86	JUNE 29, 1983	22.53				

CAMERON PARISH

300127093360501 LOCAL WELL NUMBER: CN-125

OWNER: SHELL OIL CO. (SEC. 9, T. 12S., R. 12W.) DRILLED OIL-FIELD SUPPLY ARTESIAN WELL IN "500-FOOT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 542 FT, SCREENED 532-542. MP TOP OF SANITARY SEAL, 1.50 FT ABOVE LSD.
 LSD 3.00 FT NGVD.
 HIGHEST WATER LEVEL 44.97 BELOW LSD, FEB. 23, 1983,
 LOWEST WATER LEVEL 49.32 BELOW LSD, FEB. 28, 1979.
 RECORDS AVAILABLE 1976-77, 1979, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1976	46.81	MAR. 9, 1977	47.48	FEB. 28, 1979	49.32	FEB. 23, 1983	44.97

295839093203501 LOCAL WELL NUMBER: CN-134

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 47, T. 12S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 710 FT, SCREENED 690-710. MP TOP OF 4-IN COUPLING, 2.00 FT ABOVE LSD.
 LSD 5.00 FT NGVD.
 HIGHEST WATER LEVEL 47.00 BELOW LSD, JUNE 29, 1983,
 LOWEST WATER LEVEL 56.68 BELOW LSD, JULY 21, 1978.
 RECORDS AVAILABLE 1977-81, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 25, 1983	48.05	JUNE 29, 1983	47.00				

EAST BATON ROUGE PARISH

302745091092401 LOCAL WELL NUMBER: EB-90

OWNER: BATON ROUGE WATER WORKS. (SEC. 77, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN, REPORTED DEPTH 2,120 FT, SCREENED 2,025-2,120. MP TOP OF COLLAR, 1.90 FT ABOVE LSD.
 LSD 59.05 FT NGVD.
 HIGHEST WATER LEVEL 12.70 ABOVE LSD, FEB. 23, 1943,
 LOWEST WATER LEVEL 292.54 BELOW LSD, AUG. 31, 1973.
 RECORDS AVAILABLE 1943-45, 1947-55, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	256.50	FEB. 4, 1983	247.15	MAY 3, 1983	239.10	JULY 5, 1983	243.65
NOV. 18	245.00	FEB. 23	243.10	JUNE 8	241.80	AUG. 29	246.13
DEC. 16	244.85	MAR. 28	240.30				

302657091101201 LOCAL WELL NUMBER: EB-112

OWNER: KEAN'S LAUNDRY. (SEC. 48, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN, REPORTED DEPTH 2,254 FT, SCREENED 2,173-2,254. MP TOP OF 1/2-IN BUSHING, AT LSD.
 LSD 57.00 FT NGVD.
 HIGHEST WATER LEVEL 74.00 ABOVE LSD, JAN. 2, 1930,
 LOWEST WATER LEVEL 301.20 BELOW LSD, JULY 26, 1973.
 RECORDS AVAILABLE 1930, 1940, 1943, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	268.50	FEB. 2, 1983	245.35	APR. 12, 1983	239.10	JULY 6, 1983	251.10

302604091095801 LOCAL WELL NUMBER: EB-123

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 7S., R. 1W.) 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 NGVD.
 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-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	80.39	JAN. 28, 1983	70.94	APR. 5, 1983	73.09	JULY 5, 1983	77.63

GROUND-WATER LEVELS
EAST BATON ROUGE PARISH

302617091103602 LOCAL WELL NUMBER: EB-127

OWNER: BROWN-EAGLE ICE CO. (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 NGVD.
HIGHEST WATER LEVEL 14.66 BELOW LSD, APR. 27, 1979,
LOWEST WATER LEVEL 53.13 BELOW LSD, OCT. 26, 1956.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	44.73	FEB. 2, 1983	24.88	APR. 5, 1983	29.23	JULY 6, 1983	30.08

302648091102301 LOCAL WELL NUMBER: EB-128

OWNER: DIVINCENTI BROS., INC. (SEC. 74, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 TO 4 IN, DEPTH 970 FT, SCREENED 840-883, 916-970. MP TOP OF 6-IN CASING, AT LSD.
LSD 57.02 FT NGVD.
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-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	90.35	JAN. 31, 1983	81.50	APR. 12, 1983	79.75	JULY 6, 1983	84.30

302653091095701 LOCAL WELL NUMBER: EB-146

OWNER: BATON ROUGE DEPT. PUBLIC WORKS. (SEC. 73, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 TO 4 IN, REPORTED DEPTH 1,259 FT, SCREENED 1,199-1,259. MP EDGE OF 1/4-IN HOLE IN PLATE ATOP CASING, 0.45 FT BELOW LSD.
LSD 52.00 FT NGVD.
HIGHEST WATER LEVEL 33.00 ABOVE LSD, MAR. 25, 1916,
LOWEST WATER LEVEL 118.15 BELOW LSD, JULY 12, 1979.
RECORDS AVAILABLE 1916, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	109.55	JAN. 31, 1983	104.40	APR. 12, 1983	100.85	JULY 15, 1983	102.45

302930091101501 LOCAL WELL NUMBER: EB-155

OWNER: EXXON CO., U.S.A. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 18 TO 12 IN, REPORTED DEPTH 412 FT, SCREENED 311-412. MP TOP OF CASING COVER, 0.85 FT ABOVE LSD.
LSD 60.14 FT NGVD.
HIGHEST WATER LEVEL 69.24 BELOW LSD, JUNE 5, 1981,
LOWEST WATER LEVEL 185.30 BELOW LSD, OCT. 15, 1968.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	95.11	JAN. 5, 1983	101.38	MAR. 31, 1983	86.20	JUNE 30, 1983	78.23
OCT. 8	94.78H	JAN. 10	104.38	APR. 5	85.55	JULY 5	79.15H
OCT. 10	98.12	JAN. 15	103.90	APR. 10	84.13	JULY 10	79.15
OCT. 15	96.82	JAN. 20	100.02	APR. 15	89.73	JULY 15	78.85
OCT. 20	94.70	JAN. 25	100.17	APR. 20	92.77	JULY 20	77.79
OCT. 25	94.56	JAN. 28	97.50H	APR. 25	97.92	JULY 25	77.22
OCT. 31	96.73	JAN. 31	94.97	APR. 30	91.61	JULY 31	79.40
NOV. 5	98.11	FEB. 5	99.07	MAY 3	86.57H	AUG. 5	80.97
NOV. 10	94.38	FEB. 10	97.40	MAY 5	85.93	AUG. 10	82.70
NOV. 15	99.27	FEB. 15	93.68	MAY 10	87.50	AUG. 15	81.72
NOV. 17	96.15H	FEB. 20	95.52	MAY 15	89.37	AUG. 20	81.39
NOV. 20	94.56	FEB. 23	95.30H	MAY 20	84.96	AUG. 25	83.75
NOV. 25	99.31	FEB. 25	96.66	MAY 25	83.44	AUG. 31	84.85H
NOV. 30	104.28	FEB. 28	98.19	MAY 31	86.07	SEP. 1	84.98H
DEC. 3	107.43J	MAR. 5	97.41	JUNE 5	90.31	SEP. 5	85.49
DEC. 14	99.40H	MAR. 10	96.73	JUNE 8	88.03H	SEP. 10	85.78
DEC. 15	99.59	MAR. 15	90.65	JUNE 10	87.37	SEP. 15	81.68
DEC. 20	98.50	MAR. 20	86.77	JUNE 15	85.01	SEP. 20	86.22
DEC. 25	100.69	MAR. 25	87.83	JUNE 20	81.90	SEP. 25	87.62
DEC. 31	97.92	MAR. 28	85.65H	JUNE 25	79.37	SEP. 30	82.76

See footnotes at end of table.

303001091093801 LOCAL WELL NUMBER: EB-168

OWNER: BATON ROUGE WATER WORKS. (SEC. 38, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 TO 6 IN, REPORTED DEPTH 1,496 FT, SCREENED 1,416-1,496. MP TOP EDGE OF 1 1/2-IN COLLAR ON PLATE ATOP CASING, 1.95 FT ABOVE LSD.
 LSD 56.00 FT NGVD.
 HIGHEST WATER LEVEL 14.00 ABOVE LSD, MAR. 1, 1943,
 LOWEST WATER LEVEL 147.27 BELOW LSD, MAY 14, 1979.
 RECORDS AVAILABLE 1943, 1948, 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	133.55	JAN. 28, 1983	117.55	MAY 3, 1983	121.90	JULY 5, 1983	124.71
NOV. 18	129.05	FEB. 23	116.65	JUNE 8	122.55	AUG. 29	123.95
DEC. 16	120.40	MAR. 28	121.80				

303358091094401 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 NGVD.
 HIGHEST WATER LEVEL 40.94 BELOW LSD, MAY 15, 1979,
 LOWEST WATER LEVEL 62.90 BELOW LSD, NOV. 15, 1968.
 RECORDS AVAILABLE 1942, 1948-50, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	48.35	JAN. 27, 1983	44.33	APR. 20, 1983	43.60	JULY 22, 1983	42.72

302427091103901 LOCAL WELL NUMBER: EB-241

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 67, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 TO 4 IN, REPORTED DEPTH 933 FT, SCREENED INTERVAL UNKNOWN. MP TOP INSIDE EDGE OF MANHOLE FLANGE, 0.06 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
 LSD 37.00 FT NGVD.
 HIGHEST WATER LEVEL 31.60 ABOVE LSD, NOV. 1, 1932,
 LOWEST WATER LEVEL 43.54 BELOW LSD, OCT. 22, 1982.
 RECORDS AVAILABLE 1932, 1963-67, 1969-70, 1972-82.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	43.54						

303026091113001 LOCAL WELL NUMBER: EB-297

OWNER: LA. OFFICE OF HIGHWAYS. (SEC. 37, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1,940 FT, SCREENED 1,890-1,940. MP TOP OF 4-IN NIPPLE ATOP 4-IN CROSS, 2.20 FT ABOVE LSD.
 LSD 61.00 FT NGVD.
 HIGHEST WATER LEVEL 200.22 BELOW LSD, NOV. 7, 1967,
 LOWEST WATER LEVEL 336.23 BELOW LSD, AUG. 31, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	276.50	JAN. 28, 1983	293.50	MAR. 28, 1983	259.80	JULY 5, 1983	264.05
NOV. 19	270.05	FEB. 23	263.80	MAY 3	255.80	AUG. 29	264.98
DEC. 16	285.45	FEB. 25	263.03	JUNE 8	265.05		

302549091073101 LOCAL WELL NUMBER: EB-301

OWNER: P. C. WITTER. (IRREG. SEC. 91, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,281 FT, SCREENED 1,217-1,281. MP TOP OF 2 1/2-IN COLLAR ABOVE PLATE ON 4-IN TEE, 1.30 FT ABOVE LSD.
 LSD 53.45 FT NGVD.
 HIGHEST WATER LEVEL 35.00 ABOVE LSD, AUG. 19, 1926,
 LOWEST WATER LEVEL 110.82 BELOW LSD, OCT. 14, 1981.
 RECORDS AVAILABLE 1926, 1943-44, 1946-49, 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	103.90	FEB. 4, 1983	98.05	MAR. 29, 1983	96.35	JULY 5, 1983	97.52

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

303440090592702 LOCAL WELL NUMBER: EB-304

OWNER: GREENWELL SPRINGS HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1,725 FT, SCREENED 1,685-1,725. MP LOWER EDGE OF COLLAR ON 3/4-IN NIPPLE ON SIDE OF CASING, 1.45 FT ABOVE LSD. LSD 67.00 FT NGVD.
 HIGHEST WATER LEVEL 81.00 ABOVE LSD, DEC. 19, 1941,
 LOWEST WATER LEVEL 64.85 BELOW LSD, NOV. 6, 1979.
 RECORDS AVAILABLE 1941, 1943-46, 1949-51, 1954-70, 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	61.38	JAN. 18, 1983	58.77	APR. 18, 1983	57.60	JULY 22, 1983	56.85

303441091074201 LOCAL WELL NUMBER: EB-322

OWNER: JOSEPH ROY BADEAUX. (SEC. 29, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 TO 2 IN, DEPTH 1,971 FT, SCREENED 1,931-1,971. MP TOP EDGE OF 2 1/2-IN CASING, 0.25 FT ABOVE LSD. LSD 68.00 FT NGVD.
 HIGHEST WATER LEVEL 67.00 ABOVE LSD, DEC. 6, 1942,
 LOWEST WATER LEVEL 80.34 BELOW LSD, OCT. 31, 1980.
 RECORDS AVAILABLE 1942-51, 1959, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	75.30	JAN. 26, 1983	71.70	APR. 15, 1983	70.97	JULY 22, 1983	71.71

302820091072401 LOCAL WELL NUMBER: EB-327

OWNER: SPEDALE ESTATE. (SEC. 73, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, REPORTED DEPTH 1,236 FT, SCREENED 1,186-1,236. MP TOP OF 2-IN CASING EXTENSION, 1.40 FT ABOVE LSD. LSD 55.00 FT NGVD.
 HIGHEST WATER LEVEL 100.10 BELOW LSD, FEB. 7, 1974,
 LOWEST WATER LEVEL 119.58 BELOW LSD, JULY 16, 1979.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	111.74	FEB. 2, 1983	106.60	APR. 12, 1983	103.00	JULY 6, 1983	104.05

302930091111301 LOCAL WELL NUMBER: EB-367

OWNER: GULF STATES UTILITIES CO. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 2,061 FT, SCREENED 1,961-2,061. MP ARROW ON PLATE ABOVE CASING, 0.40 FT ABOVE LSD. LSD 64.40 FT NGVD.
 HIGHEST WATER LEVEL 5.00 BELOW LSD, JUNE 16, 1942,
 LOWEST WATER LEVEL 372.20 BELOW LSD, AUG. 17, 1973.
 RECORDS AVAILABLE 1942, 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	300.75	DEC. 31, 1982	283.33	MAR. 31, 1983	279.83	JUNE 30, 1983	290.38
OCT. 8	300.60H	JAN. 5, 1983	285.09	APR. 5	272.21	JULY 5	288.50
OCT. 10	295.77	JAN. 10	293.60	APR. 10	275.74	JULY 10	288.59
OCT. 15	295.58	JAN. 15	290.24	APR. 15	281.04	JULY 15	288.12
OCT. 20	291.93	JAN. 20	293.17	APR. 20	281.02	JULY 20	288.97
OCT. 25	286.98	JAN. 25	296.95	APR. 25	282.19	JULY 25	290.83
OCT. 31	284.58	JAN. 28	294.30H	APR. 30	282.73	JULY 31	288.74
NOV. 5	285.73	JAN. 31	293.26	MAY 3	284.70H	AUG. 5	290.21
NOV. 10	287.37	FEB. 5	297.54	MAY 5	285.90	AUG. 10	295.83
NOV. 15	285.60	FEB. 10	289.96	MAY 10	288.17	AUG. 15	291.19
NOV. 17	286.60H	FEB. 15	287.51	MAY 15	287.23	AUG. 20	290.00
NOV. 19	289.95H	FEB. 20	286.40	MAY 20	287.20	AUG. 25	292.18
NOV. 20	287.73	FEB. 23	287.45H	MAY 25	289.10	AUG. 29	291.02H
NOV. 25	288.01	FEB. 25	288.04	MAY 31	291.10	AUG. 31	288.45
NOV. 30	290.10	FEB. 28	287.46	JUNE 5	291.48	SEP. 5	286.71
DEC. 5	292.40	MAR. 5	283.68	JUNE 8	292.42H	SEP. 10	284.20
DEC. 10	290.73	MAR. 10	284.93	JUNE 10	292.70	SEP. 15	288.77
DEC. 14	292.60H	MAR. 15	281.89	JUNE 15	293.24	SEP. 20	292.58
DEC. 15	288.22	MAR. 20	286.22	JUNE 20	287.30	SEP. 25	290.83
DEC. 20	284.20	MAR. 25	286.89	JUNE 25	295.95	SEP. 30	291.79
DEC. 25	288.54	MAR. 28	282.95H				

See footnotes at end of table.

302619091104003 LOCAL WELL NUMBER: EB-434

OWNER: LA. OFFICE OF HIGHWAYS. (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, REPORTED DEPTH 611 FT, SCREENED 551-611. MP 1/4-IN HOLE IN TOP 8-IN PLUG, 1.40 FT ABOVE LSD.
 LSD 45.44 FT NGVD.
 HIGHEST WATER LEVEL 56.98 BELOW LSD, MAY 6, 1982,
 LOWEST WATER LEVEL 125.57 BELOW LSD, OCT. 22, 1968.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	75.65	FEB. 2, 1983	65.45	APR. 5, 1983	67.10	JULY 6, 1983	73.79
DEC. 3	78.90						

303238091085701 LOCAL WELL NUMBER: EB-461

OWNER: J. L. GRANBERRY. (SEC. 97, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 330 FT, SCREENED 310-330. MP TOP EDGE OF OPENING IN 4 X 2-IN REDUCER, 0.75 FT ABOVE LSD.
 LSD 65.00 FT NGVD.
 HIGHEST WATER LEVEL 54.97 BELOW LSD, JULY 21, 1983,
 LOWEST WATER LEVEL 84.75 BELOW LSD, NOV. 15, 1968.
 RECORDS AVAILABLE 1947-48, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	60.94	JAN. 27, 1983	58.18	APR. 18, 1983	56.28	JULY 21, 1983	54.97

303408091075001 LOCAL WELL NUMBER: EB-468

OWNER: A. M. HOLDEN. (SEC. 53, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2,407 FT, SCREENED 2,319-2,407. MP TOP EDGE OF 3/4-IN HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD.
 LSD 73.00 FT NGVD.
 HIGHEST WATER LEVEL 71.60 ABOVE LSD, FEB. 27, 1948,
 LOWEST WATER LEVEL 67.00 BELOW LSD, OCT. 31, 1980.
 RECORDS AVAILABLE 1948-51, 1953-67, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	62.69	JAN. 26, 1983	57.44	APR. 15, 1983	57.67	JULY 22, 1983	57.93

302654091101101 LOCAL WELL NUMBER: EB-500

OWNER: RED STICK LINEN SERVICE. (SEC. 46, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 IN, ESTIMATED DEPTH 710 FT, SCREENED 663-710. MP TOP OF 2-IN NIPPLE IN STEEL LINER, 2.54 FT ABOVE LSD.
 LSD 57.00 FT NGVD.
 HIGHEST WATER LEVEL 69.31 BELOW LSD, MAY 6, 1982,
 LOWEST WATER LEVEL 145.67 BELOW LSD, OCT. 16, 1948.
 RECORDS AVAILABLE 1948, 1962, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	88.51	DEC. 22, 1982	83.46	APR. 12, 1983	82.66		

303115091113701 LOCAL WELL NUMBER: EB-517C

OWNER: SOUTHERN UNIVERSITY. (SEC. 50, T. 6S., R. 1W.) DRILLED UNUSED 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 1/2-IN HOLE IN SANITARY SEAL, 1.48 FT ABOVE LSD.
 LSD 67.00 FT NGVD.
 HIGHEST WATER LEVEL 64.70 ABOVE LSD, AUG. 21, 1953,
 LOWEST WATER LEVEL 59.39 BELOW LSD, OCT. 31, 1980.
 RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	52.84	JAN. 17, 1983	46.94	APR. 20, 1983	46.48	JULY 25, 1983	47.87

GROUND-WATER LEVELS
EAST BATON ROUGE PARISH

302149091101401 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 CENTERLINE OF DISCHARGE PIPE, 3.40 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 70.00 ABOVE LSD, MAY 1, 1955,
LOWEST WATER LEVEL 5.10 ABOVE LSD, APR. 15, 1983.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	+6.80	APR. 15, 1983	+5.10				

303904091093102 LOCAL WELL NUMBER: EB-578B

OWNER: CITY OF ZACHARY. (SEC. 81, T. 4S., R. 1W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 TO 6 TO 4 1/2 IN, DEPTH 2,132 FT, SCREENED 2,052-2,132. MP TOP INSIDE EDGE OF VALVE, 1.77 FT ABOVE LSD.
LSD 103.00 FT NGVD.
HIGHEST WATER LEVEL 9.00 ABOVE LSD, OCT. 17, 1957,
LOWEST WATER LEVEL 98.83 BELOW LSD, JAN. 27, 1982.
RECORDS AVAILABLE 1957, 1960, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	89.78	JAN. 17, 1983	83.37	APR. 4, 1983	93.37	JULY 18, 1983	85.98

303440090592703 LOCAL WELL NUMBER: EB-581

OWNER: GREENWELL SPRINGS HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 IN, DEPTH 2,590 FT, SCREENED 2,540-2,590. MP TOP OF 1-IN PIPE ON SIDE OF 8-IN CASING, 1.90 FT ABOVE LSD.
LSD 67.00 FT NGVD.
HIGHEST WATER LEVEL 54.40 ABOVE LSD, MAY 25, 1956,
LOWEST WATER LEVEL 45.79 BELOW LSD, JAN. 27, 1981.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	40.60	JAN. 18, 1983	37.85	APR. 18, 1983	38.21	JULY 22, 1983	36.82

304141090585301 LOCAL WELL NUMBER: EB-647

OWNER: EAST BATON ROUGE PARISH SCHOOL BOARD. (SEC. 14, T. 4S., R. 2E.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 TO 4 IN, DEPTH 1,950 FT, SCREENED 1,910-1,950. MP BOTTOM EDGE OF 3/4-IN COLLAR WELDED ON SIDE OF CASING, 1.28 FT ABOVE LSD.
LSD 107.00 FT NGVD.
HIGHEST WATER LEVEL 15.20 ABOVE LSD, JAN. 7, 1958,
LOWEST WATER LEVEL 81.92 BELOW LSD, OCT. 8, 1981.
RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1982	80.12	APR. 18, 1983	75.98				

303154091083901 LOCAL WELL NUMBER: EB-652

OWNER: GREATER BATON ROUGE AIRPORT DISTRICT. (SEC. 90, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE 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 NGVD.
HIGHEST WATER LEVEL 45.42 BELOW LSD, APR. 29, 1958,
LOWEST WATER LEVEL 137.31 BELOW LSD, JULY 22, 1981.
RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	135.20	JAN. 27, 1983	119.12	APR. 18, 1983	126.15	JULY 21, 1983	116.57

See footnotes at end of table.

303350091100901 LOCAL WELL NUMBER: EB-685

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 TO 3 IN, DEPTH 1,640 FT, SCREENED 1,580-1,640. MP HOLE IN CENTER OF 6-IN PLUG ATOP CASING, 1.73 FT ABOVE LSD.
 LSD 65.00 FT NGVD.
 HIGHEST WATER LEVEL 48.95 BELOW LSD, APR. 30, 1959,
 LOWEST WATER LEVEL 184.37 BELOW LSD, NOV. 15, 1972.
 RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	167.67	JAN. 27, 1983	161.70	APR. 20, 1983	156.33	JULY 22, 1983	159.17

302414091032601 LOCAL WELL NUMBER: EB-745

OWNER: DOLESE CONCRETE CO. (SEC. 58, T. 7S., R. 2E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 TO 4 IN, DEPTH 503 FT, SCREENED 483-503. MP LOWER EDGE 2-IN PIPE WELDED TO CASING, 2.27 FT ABOVE LSD.
 LSD 40.00 FT NGVD.
 HIGHEST WATER LEVEL 27.00 BELOW LSD, MAY 4, 1958,
 LOWEST WATER LEVEL 41.83 BELOW LSD, NOV. 5, 1982.
 RECORDS AVAILABLE 1958, 1970, 1972, 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 5, 1982	41.83	FEB. 7, 1983	35.43	APR. 12, 1983	38.88	JULY 6, 1983	39.63

302509091082701 LOCAL WELL NUMBER: EB-778

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,586 FT, SCREENED 2,581-2,586. MP TOP OF 4 X 2-IN REDUCER, 2.84 FT ABOVE LSD.
 LSD 28.00 FT NGVD.
 HIGHEST WATER LEVEL 40.10 ABOVE LSD, MAR. 16, 1965,
 LOWEST WATER LEVEL 2.51 BELOW LSD, OCT. 25, 1982.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	2.51	FEB. 4, 1983	1.41	JULY 5, 1983	0.94	JULY 26, 1983	1.86
NOV. 29	2.26	APR. 12	0.96				

302509091082702 LOCAL WELL NUMBER: EB-780A

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,622 FT, SCREENED 1,617-1,622. MP HOLE IN SANITARY SEAL, 2.24 FT ABOVE LSD.
 LSD 28.00 FT NGVD.
 HIGHEST WATER LEVEL 2.26 ABOVE LSD, JAN. 12, 1966,
 LOWEST WATER LEVEL 32.03 BELOW LSD, OCT. 14, 1981.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	31.31	FEB. 4, 1983	29.61	JULY 5, 1983	29.29	JULY 26, 1983	30.06
NOV. 29	30.51	APR. 12	28.76				

302509091082703 LOCAL WELL NUMBER: EB-780B

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,913 FT, SCREENED 1,908-1,913. MP TOP EDGE OF 2-IN LINER, 2.41 FT ABOVE LSD.
 LSD 28.00 FT NGVD.
 HIGHEST WATER LEVEL 8.58 ABOVE LSD, APR. 23, 1965,
 LOWEST WATER LEVEL 26.79 BELOW LSD, OCT. 25, 1982.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	26.79	FEB. 4, 1983	25.49	JULY 5, 1983	25.25	JULY 26, 1983	25.89
NOV. 29	26.44	APR. 12	24.74				

GROUND-WATER LEVELS
EAST BATON ROUGE PARISH

302535091090401 LOCAL WELL NUMBER: EB-781

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,286 FT, SCREENED 2,282-2,286. MP TOP EDGE OF 2-IN STEEL AIRLINE, 2.82 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 119.12 BELOW LSD, MAR. 15, 1966,
LOWEST WATER LEVEL 241.60 BELOW LSD, AUG. 14, 1973.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	217.18	FEB. 4, 1983	205.83	APR. 15, 1983	197.18	JULY 6, 1983	202.60
DEC. 1	205.58						

302535091090402 LOCAL WELL NUMBER: EB-782A

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 1,189 FT, SCREENED 1,184-1,189. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.00 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 18.54 BELOW LSD, MAY 19, 1975,
LOWEST WATER LEVEL 26.75 BELOW LSD, OCT. 22, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	25.25	FEB. 4, 1983	23.40	APR. 15, 1983	21.45	JULY 6, 1983	20.09
DEC. 1	25.20						

302535091090403 LOCAL WELL NUMBER: EB-782B

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 1,681 FT, SCREENED 1,676-1,681. MP TOP EDGE OF 5/8-IN PIPE IN CAP, 2.00 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 49.35 BELOW LSD, JAN. 20, 1966,
LOWEST WATER LEVEL 119.00 BELOW LSD, JULY 12, 1979.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	110.40	FEB. 4, 1983	100.75	MAY 17, 1983	104.70	JULY 6, 1983	104.75
DEC. 1	103.40	APR. 15	101.60				

302502091113601 LOCAL WELL NUMBER: EB-783A

OWNER: U. S. GEOL. SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 2,179 FT, SCREENED 2,174-2,179. MP TOP EDGE 1/2-IN HOLE IN SANITARY SEAL, 2.02 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 16.20 ABOVE LSD, MAR. 1, 1966,
LOWEST WATER LEVEL 56.36 BELOW LSD, JULY 6, 1983.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	54.48	FEB. 4, 1983	55.48	APR. 5, 1983	53.18	JULY 6, 1983	56.36
DEC. 2	55.23						

302502091113602 LOCAL WELL NUMBER: EB-783B

OWNER: U. S. GEOL. SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 2,675 FT, SCREENED 2,670-2,675. MP TOP OF 2-IN LINER, 2.56 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 54.90 ABOVE LSD, MAR. 1, 1966,
LOWEST WATER LEVEL 40.45 BELOW LSD, JULY 22, 1977.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	15.54	FEB. 4, 1983	+3.86	APR. 5, 1983	+6.76	JULY 6, 1983	+8.26
DEC. 2	1.54						

See footnotes at end of table.

302511091070401 LOCAL WELL NUMBER: EB-789A

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 711 FT, SCREENED 707-711. MP HOLE IN SANITARY SEAL, 0.61 FT ABOVE LSD.
 LSD 37.00 FT NGVD.
 HIGHEST WATER LEVEL 9.50 BELOW LSD, MAY 17, 1979,
 LOWEST WATER LEVEL 33.02 BELOW LSD, NOV. 14, 1966.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	26.84	FEB. 7, 1983	16.64	MAR. 29, 1983	17.79	JULY 6, 1983	14.04
DEC. 2	29.29						

302511091070402 LOCAL WELL NUMBER: EB-789B

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,721 FT, SCREENED 1,717-1,721. MP TOP OF 2-IN LINER, 0.88 FT ABOVE LSD.
 LSD 37.00 FT NGVD.
 HIGHEST WATER LEVEL 6.15 BELOW LSD, MAR. 4, 1966,
 LOWEST WATER LEVEL 40.32 BELOW LSD, OCT. 14, 1981.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	40.02	FEB. 7, 1983	38.37	MAY 18, 1983	37.67	JULY 6, 1983	38.22
DEC. 2	39.12	MAR. 29	38.12				

302605091080602 LOCAL WELL NUMBER: EB-792B

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,286 FT, SCREENED 2,282-2,286. MP TOP OF AIRLINE IN 2-IN LINER, 2.39 FT ABOVE LSD.
 LSD 45.00 FT NGVD.
 HIGHEST WATER LEVEL 121.92 BELOW LSD, MAR. 28, 1966,
 LOWEST WATER LEVEL 239.60 BELOW LSD, JULY 27, 1973.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	212.86	FEB. 4, 1983	207.86	MAR. 29, 1983	214.61	JULY 5, 1983	204.38

302719091103201 LOCAL WELL NUMBER: EB-793

OWNER: U. S. GEOL. SURVEY. (SEC. 71, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 687 FT, SCREENED 683-687. MP TOP EDGE OF 2-IN LINER, 2.00 FT ABOVE LSD.
 LSD 35.30 FT NGVD.
 HIGHEST WATER LEVEL 49.54 BELOW LSD, JUNE 2, 1982,
 LOWEST WATER LEVEL 121.55 BELOW LSD, OCT. 21, 1968.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	67.25	DEC. 22, 1982	63.35	MAR. 28, 1983	59.90	JUNE 8, 1983	58.85
NOV. 18	67.25	JAN. 28, 1983	58.25	MAY 3	58.85	JULY 5	66.76
DEC. 16	64.35	FEB. 23	58.70	MAY 18	58.65	AUG. 29	72.73

302559091110801 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 2,709 FT, SCREENED 2,705-2,709. MP TOP EDGE OF 3/4-IN PVC AIRLINE, 3.00 FT ABOVE LSD.
 LSD 50.18 FT NGVD.
 HIGHEST WATER LEVEL 113.28 BELOW LSD, JULY 27, 1965,
 LOWEST WATER LEVEL 204.76 BELOW LSD, JULY 13, 1979.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	179.90	FEB. 4, 1983	170.45	MAY 19, 1983	164.55	JULY 6, 1983	164.85
DEC. 3	173.30	APR. 5	169.00				

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302306091022601 LOCAL WELL NUMBER: EB-803A

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,975 FT, SCREENED 1,971-1,975. MP TOP EDGE OF 3/8-IN OPENING IN BUSHING IN SANITARY SEAL, 2.11 FT ABOVE LSD.
 LSD 27.00 FT NGVD.
 HIGHEST WATER LEVEL 15.30 ABOVE LSD, MAY 18, 1966,
 LOWEST WATER LEVEL 17.69 BELOW LSD, OCT. 22, 1982.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	17.69	NOV. 22, 1982	17.59	MAR. 29, 1983	16.59		

302306091022602 LOCAL WELL NUMBER: EB-803B

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,565 FT, SCREENED 2,561-2,565. MP TOP EDGE OF 4-IN TEE, 1.65 FT ABOVE LSD.
 LSD 27.00 FT NGVD.
 HIGHEST WATER LEVEL 53.10 ABOVE LSD, APR. 4, 1966,
 LOWEST WATER LEVEL 11.60 ABOVE LSD, MAY 7, 1982.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	+18.60	NOV. 22, 1982	+18.00	MAR. 29, 1983	+19.60		

302428091035001 LOCAL WELL NUMBER: EB-804A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,950 FT, SCREENED 1,946-1,950. MP TOP OF 4-IN CASING, 1.57 FT ABOVE LSD.
 LSD 46.00 FT NGVD.
 HIGHEST WATER LEVEL 44.34 BELOW LSD, JUNE 9, 1967,
 LOWEST WATER LEVEL 99.36 BELOW LSD, OCT. 14, 1981.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	95.68	NOV. 24, 1982	91.73	MAR. 29, 1983	88.63		

302428091035002 LOCAL WELL NUMBER: EB-804B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,762 FT, SCREENED 2,758-2,762. MP TOP OF 2-IN LINER, 2.67 FT ABOVE LSD.
 LSD 46.00 FT NGVD.
 HIGHEST WATER LEVEL 32.45 BELOW LSD, MAY 6, 1966, MAY 18, 1966,
 LOWEST WATER LEVEL 103.10 BELOW LSD, NOV. 10, 1980.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	92.93	NOV. 24, 1982	91.68	MAR. 29, 1983	88.48		

302428091035003 LOCAL WELL NUMBER: EB-805

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,072 FT, SCREENED 1,068-1,072. MP TOP OF 1/2-IN HOLE IN CAP, 1.25 FT ABOVE LSD.
 LSD 46.00 FT NGVD.
 HIGHEST WATER LEVEL 40.04 BELOW LSD, JUNE 9, 1967,
 LOWEST WATER LEVEL 59.75 BELOW LSD, NOV. 24, 1982.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	59.00	NOV. 24, 1982	59.75	MAR. 29, 1983	54.95	MAY 20, 1983	55.12

See footnotes at end of table.

302702091103902 LOCAL WELL NUMBER: EB-806B

OWNER: U. S. GEOL. SURVEY. (SEC. 72, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,579 FT, SCREENED 2,575-2,579. MP TOP EDGE OF 1 1/2-IN NIPPLE, 1.83 FT ABOVE LSD.
 LSD 46.50 FT NGVD.
 HIGHEST WATER LEVEL 119.03 BELOW LSD, MAY 19, 1966,
 LOWEST WATER LEVEL 204.05 BELOW LSD, JULY 12, 1979.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	181.47	JAN. 28, 1983	171.92	APR. 12, 1983	169.27	JULY 6, 1983	164.37

302611091091201 LOCAL WELL NUMBER: EB-807A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 96, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,713 FT, SCREENED 1,709-1,713. MP TOP OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
 LSD 34.86 FT NGVD.
 HIGHEST WATER LEVEL 63.76 BELOW LSD, APR. 24, 1969,
 LOWEST WATER LEVEL 129.89 BELOW LSD, JAN. 19, 1982.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	117.70	JAN. 28, 1983	111.30	MAY 17, 1983	115.47	JULY 6, 1983	115.58
DEC. 1	113.90	APR. 12	111.80				

302611091091202 LOCAL WELL NUMBER: EB-807B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 96, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,264 FT, SCREENED 2,260-2,264. MP TOP OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
 LSD 34.86 FT NGVD.
 HIGHEST WATER LEVEL 132.14 BELOW LSD, MAY 19, 1966,
 LOWEST WATER LEVEL 249.90 BELOW LSD, JULY 27, 1973.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	217.30	JAN. 28, 1983	210.70	MAY 17, 1983	206.33	JULY 6, 1983	208.60
DEC. 1	211.35	APR. 12	201.95				

302501091101202 LOCAL WELL NUMBER: EB-819

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 67, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 322 FT, SCREENED 316-322. MP TOP OF CASING, 0.59 FT ABOVE LSD.
 LSD 25.68 FT NGVD.
 HIGHEST WATER LEVEL 9.60 ABOVE LSD, APR. 16, 1973, APR. 17, 1973,
 LOWEST WATER LEVEL 20.40 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	15.41	APR. 5, 1983	2.81				

302510091105001 LOCAL WELL NUMBER: EB-820

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 259 FT, SCREENED 253-259. MP TOP OF CASING, 0.71 FT ABOVE LSD.
 LSD 22.24 FT NGVD.
 HIGHEST WATER LEVEL 14.10 ABOVE LSD, APR. 27, 1979,
 LOWEST WATER LEVEL 17.74 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	14.49	APR. 5, 1983	+0.36				

See footnotes at end of table.

GROUND-WATER LEVELS

EAST BATON ROUGE PARISH

302510091105003 LOCAL WELL NUMBER: EB-822

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 573 FT, SCREENED 567-573. MP TOP OF COLLAR WELDED ON CASING, 0.58 FT ABOVE LSD.
 LSD 22.60 FT NGVD.
 HIGHEST WATER LEVEL 12.30 ABOVE LSD, APR. 27, 1979,
 LOWEST WATER LEVEL 19.48 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	16.77	DEC. 1, 1982	12.12	APR. 5, 1983	1.32		

302553091092001 LOCAL WELL NUMBER: EB-824

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 581 FT, SCREENED 575-581. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 33.56 FT NGVD.
 HIGHEST WATER LEVEL 40.08 BELOW LSD, MAY 3, 1982,
 LOWEST WATER LEVEL 90.29 BELOW LSD, OCT. 23, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	54.75	JAN. 28, 1983	45.75	APR. 15, 1983	47.10	JULY 6, 1983	51.60

302553091092002 LOCAL WELL NUMBER: EB-825

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 475 FT, SCREENED 469-475. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 33.57 FT NGVD.
 HIGHEST WATER LEVEL 32.57 BELOW LSD, MAY 6, 1975,
 LOWEST WATER LEVEL 63.45 BELOW LSD, NOV. 8, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	38.75	JAN. 28, 1983	35.20	APR. 15, 1983	34.80	JULY 6, 1983	35.05

303023091075601 LOCAL WELL NUMBER: EB-826

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 40, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 350 FT, SCREENED 344-350. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 56.77 FT NGVD.
 HIGHEST WATER LEVEL 55.40 BELOW LSD, MAY 6, 1975,
 LOWEST WATER LEVEL 103.18 BELOW LSD, NOV. 1, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	64.70	JAN. 31, 1983	64.80	APR. 12, 1983	59.95	JULY 6, 1983	57.45

303356091095301 LOCAL WELL NUMBER: EB-827

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 370 FT, SCREENED 364-370. MP TOP OF CASING, 0.50 FT ABOVE LSD.
 LSD 63.96 FT NGVD.
 HIGHEST WATER LEVEL 38.82 BELOW LSD, MAY 15, 1979,
 LOWEST WATER LEVEL 68.13 BELOW LSD, NOV. 1, 1968.
 RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	53.45	JAN. 27, 1983	43.23	APR. 20, 1983	44.34	JULY 22, 1983	45.40

303912091150801 LOCAL WELL NUMBER: EB-849

OWNER: GEORGIA-PACIFIC CORP. (SEC. 31, T. 4S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1,380 FT, SCREENED 1,250-1,270 AND 1,350-1,380. MP TOP OF CASING, 1.70 FT ABOVE LSD.
 LSD 91.00 FT NGVD.
 HIGHEST WATER LEVEL 47.79 BELOW LSD, FEB. 22, 1966,
 LOWEST WATER LEVEL 139.14 BELOW LSD, OCT. 29, 1980.
 RECORDS AVAILABLE 1966, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	136.53	JAN. 19, 1983	120.43	APR. 4, 1983	130.58	JULY 21, 1983	130.92

302919091020601 LOCAL WELL NUMBER: EB-866

OWNER: SOUTH CENTRAL BELL TEL. CO. (SEC. 52, T. 6S., R. 2E.) DRILLED COMMERCIAL ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 400 FT, SCREENED 380-400. MP TOP OF CASING, 0.75 FT ABOVE LSD.
 LSD 49.00 FT NGVD.
 HIGHEST WATER LEVEL 20.00 BELOW LSD, NOV. 9, 1979,
 LOWEST WATER LEVEL 38.60 BELOW LSD, OCT. 21, 1970.
 RECORDS AVAILABLE 1970, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 26, 1982	37.25	APR. 12, 1983	34.30				

302729091100601 LOCAL WELL NUMBER: EB-870

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 692 FT, SCREENED 687-692. MP TOP OF CASING, AT LSD.
 LSD 50.00 FT NGVD.
 HIGHEST WATER LEVEL 65.18 BELOW LSD, JUNE 2, 1982,
 LOWEST WATER LEVEL 142.48 BELOW LSD, OCT. 5, 1971.
 RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	89.30	DEC. 27, 1982	80.10	MAR. 28, 1983	78.50	JUNE 8, 1983	78.35
NOV. 18	85.45	JAN. 28, 1983	76.05	MAY 3	78.05	JULY 5	87.48
DEC. 16	82.90	FEB. 23	76.85	MAY 19	78.10	AUG. 29	91.79

303905090583301 LOCAL WELL NUMBER: EB-896

OWNER: U. S. GEOL. SURVEY. (SEC. 51, T. 4S., R. 2E.) BORED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 73 FT, SCREENED 70-73. MP TOP OF 1 1/4-IN CASING, 3.92 FT ABOVE LSD.
 LSD 82.00 FT NGVD.
 HIGHEST WATER LEVEL 15.17 BELOW LSD, APR. 22, 1974,
 LOWEST WATER LEVEL 18.31 BELOW LSD, OCT. 4, 1982.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1982	18.31	JAN. 24, 1983	17.27	APR. 18, 1983	16.06	JULY 22, 1983	16.28

302614091083001 LOCAL WELL NUMBER: EB-917

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,736 FT, SCREENED 1,731-1,736. MP TOP OF 4-IN CASING, AT LSD.
 LSD 46.56 FT NGVD.
 HIGHEST WATER LEVEL 116.98 BELOW LSD, APR. 10, 1978,
 LOWEST WATER LEVEL 139.58 BELOW LSD, OCT. 2, 1981.
 RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	130.05	FEB. 4, 1983	120.15	MAY 18, 1983	124.63	JULY 5, 1983	124.38
NOV. 30	123.45	MAR. 29	121.60				

GROUND-WATER LEVELS
EAST BATON ROUGE PARISH

302547091074401 LOCAL WELL NUMBER: EB-918

OWNER: U. S. GEOL. SURVEY. (SEC. 91, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,834 FT, SCREENED 1,829-1,834. MP TOP EDGE OF 4-IN COLLAR, AT LSD.
LSD 40.00 FT NGVD.
HIGHEST WATER LEVEL 103.15 BELOW LSD, DEC. 12, 1973,
LOWEST WATER LEVEL 127.22 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	119.55	FEB. 4, 1983	108.90	MAY 19, 1983	114.35	JULY 5, 1983	113.44
DEC. 2	113.10	MAR. 29	111.50				

302955091060601 LOCAL WELL NUMBER: EB-933

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 603 FT, SCREENED 592-603. MP TOP OF 2-IN CASING, 1.30 FT ABOVE LSD.
LSD 51.00 FT NGVD.
HIGHEST WATER LEVEL 49.36 BELOW LSD, MAY 3, 1982,
LOWEST WATER LEVEL 67.84 BELOW LSD, NOV. 18, 1977.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 26, 1982	55.45	APR. 12, 1983	51.90				

302955091060501 LOCAL WELL NUMBER: EB-934

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 385 FT, SCREENED 372-385. MP TOP OF 2-IN CASING, 1.10 FT ABOVE LSD.
LSD 51.00 FT NGVD.
HIGHEST WATER LEVEL 40.08 BELOW LSD, MAY 22, 1975,
LOWEST WATER LEVEL 55.98 BELOW LSD, NOV. 18, 1977.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 26, 1982	46.05	APR. 12, 1983	42.90				

302932091101901 LOCAL WELL NUMBER: EB-944

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2,792 FT, SCREENED 2,782-2,792. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 1.63 FT ABOVE LSD.
LSD 59.00 FT NGVD.
HIGHEST WATER LEVEL 33.53 BELOW LSD, FEB. 4, 1975,
LOWEST WATER LEVEL 52.25 BELOW LSD, FEB. 22, 1980.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1982	41.56	DEC. 29, 1982	38.18	MAR. 31, 1983	36.53	JULY 1, 1983	37.14
NOV. 2	40.66	JAN. 31, 1983	37.12	APR. 29	36.33	AUG. 13	37.46
NOV. 29	39.45	MAR. 3	36.87	MAY 27	35.93	SEP. 7	37.65

302932091101902 LOCAL WELL NUMBER: EB-945

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 654 FT, SCREENED 644-654. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 2.27 FT ABOVE LSD.
LSD 59.00 FT NGVD.
HIGHEST WATER LEVEL 79.79 BELOW LSD, JUNE 1, 1982,
LOWEST WATER LEVEL 158.05 BELOW LSD, AUG. 26, 1976.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1982	103.83	DEC. 29, 1982	98.32	MAR. 31, 1983	102.11	JULY 1, 1983	117.20
NOV. 2	104.99	JAN. 31, 1983	99.27	APR. 29	101.09	AUG. 13	118.16
NOV. 29	106.16	MAR. 3	99.78	MAY 27	93.40	SEP. 7	114.02

302932091101903 LOCAL WELL NUMBER: EB-946

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,234 FT, SCREENED 1,224-1,234. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 2.02 FT ABOVE LSD.
 LSD 59.00 FT NGVD.
 HIGHEST WATER LEVEL 133.82 BELOW LSD, MAR. 3, 1983,
 LOWEST WATER LEVEL 193.08 BELOW LSD, OCT. 2, 1978.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 1, 1982	140.27	DEC. 29, 1982	139.52	MAR. 31, 1983	141.01	JULY 1, 1983	142.82
NOV. 2	145.31	JAN. 31, 1983	139.75	APR. 29	136.16	AUG. 13	150.15
NOV. 29	147.00	MAR. 3	133.82	MAY 27	138.60	SEP. 7	147.40

303251091115001 LOCAL WELL NUMBER: EB-1000

OWNER: U. S. GEOL. SURVEY. (SEC. 69, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2,926 FT, SCREENED 2,916-2,926. MP TOP EDGE OF 2 1/2-IN COLLAR, AT LSD.
 LSD 68.00 FT NGVD.
 HIGHEST WATER LEVEL 45.06 BELOW LSD, DEC. 19, 1977,
 LOWEST WATER LEVEL 57.53 BELOW LSD, FEB. 26, 1980.
 RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	52.78	JAN. 17, 1983	46.83	APR. 20, 1983	47.00	JULY 22, 1983	48.74

302238091102501 LOCAL WELL NUMBER: EB-1015

OWNER: U. S. GEOL. SURVEY. (SEC. 74, T. 8S., R. 1W.) BORED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 171 FT, SCREENED 166-171. MP TOP EDGE OF 1 1/4-IN TO 3/4-IN REDUCER ATOP CASING, 2.39 FT ABOVE LSD.
 LSD 24.78 FT NGVD.
 HIGHEST WATER LEVEL 3.69 ABOVE LSD, MAY 5, 1980,
 LOWEST WATER LEVEL 19.83 BELOW LSD, JAN. 26, 1981.
 RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1982	16.51	FEB. 4, 1983	1.61	APR. 15, 1983	+0.54	JULY 6, 1983	1.84

302919091020501 LOCAL WELL NUMBER: EB-1019

OWNER: U. S. GEOL. SURVEY. (SEC. 52, T. 6S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 700 FT, SCREENED 690-700. MP TOP OF 2-IN CASING, AT LSD.
 LSD 49.00 FT NGVD.
 HIGHEST WATER LEVEL 38.70 BELOW LSD, APR. 12, 1983,
 LOWEST WATER LEVEL 41.34 BELOW LSD, DEC. 19, 1979.
 RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 26, 1982	41.00	APR. 12, 1983	38.70				

302605091100901 LOCAL WELL NUMBER: EB-1028

OWNER: U. S. GEOL. SURVEY. (SEC. 53, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2,238 FT, SCREENED 2,223-2,238. MP TOP EDGE 1-IN AIRLINE COLLAR, 0.30 FT BELOW LSD.
 LSD 40.00 FT NGVD.
 HIGHEST WATER LEVEL 212.80 BELOW LSD, APR. 15, 1983,
 LOWEST WATER LEVEL 245.19 BELOW LSD, JULY 23, 1981.
 RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	225.10	FEB. 4, 1983	225.65	MAY 19, 1983	217.10	JULY 6, 1983	216.30
DEC. 27	219.50	APR. 15	212.80	MAY 23	213.70		

See footnotes at end of table.

GROUND-WATER LEVELS
EAST FELICIANA PARISH

305144091010901 LOCAL WELL NUMBER: EF-61

OWNER: TOWN OF CLINTON. (SEC. 83, T. 2S., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN ZONE 1
AQUIFER OF PLIOCENE AGE, DIAM 6 IN, REPORTED DEPTH 305 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF
1/2-IN HOLE IN COVER, 1.00 FT ABOVE LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 63.76 BELOW LSD, MAY 16, 1961,
LOWEST WATER LEVEL 83.56 BELOW LSD, OCT. 8, 1982.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	83.56	APR. 4, 1983	82.21				

305152091010201 LOCAL WELL NUMBER: EF-73B

OWNER: TOWN OF CLINTON. (SEC. 83, T. 2S., R. 2E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3
AQUIFER OF MIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 1966 FT, SCREENED 1688-1718, 1773-1795, 1862-1872,
1880-1900, 1917-1929, AND 1948-1966. MP TOP EDGE OF BREATHER HOLE IN PLATE ATOP 12-IN CASING, 1.62 FT
ABOVE LSD.
LSD 195.00 FT NGVD.
HIGHEST WATER LEVEL 93.01 BELOW LSD, MAR. 5, 1959,
LOWEST WATER LEVEL 134.08 BELOW LSD, APR. 19, 1982.
RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	131.90	APR. 4, 1983	130.12				

304959091093001 LOCAL WELL NUMBER: EF-185

OWNER: E. LOUISIANA STATE HOSPITAL. (SEC. 45, T. 2S., R. 1E.) DRILLED INSTITUTIONAL ARTESIAN
WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 14 TO 12 TO 10 IN, REPORTED
DEPTH 1514 FT, SCREENED 1469-1514. MP LOWER EDGE OF 1-IN ACCESS PIPE, 1.48 FT ABOVE LSD.
LSD 228.00 FT NGVD.
HIGHEST WATER LEVEL 118.54 BELOW LSD, MAY 16, 1961,
LOWEST WATER LEVEL 197.54 BELOW LSD, OCT. 8, 1982.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	197.54	JAN. 19, 1983	194.02	APR. 4, 1983	186.04	JULY 21, 1983	185.70

304309091083201 LOCAL WELL NUMBER: EF-223

OWNER: TOWN OF SLAUGHTER. (SEC. 7, T. 4S., R. 1E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND
("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 IN, DEPTH 2000 FT, SCREENED 1935-2000.
MP TOP OF SANITARY SEAL, 1.00 FT ABOVE LSD.
LSD 135.00 FT NGVD.
HIGHEST WATER LEVEL 100.85 BELOW LSD, JULY 21, 1983,
LOWEST WATER LEVEL 126.80 BELOW LSD, OCT. 30, 1980.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	112.52	JAN. 24, 1983	105.56	JULY 21, 1983	100.85		

305052091060001 LOCAL WELL NUMBER: EF-241

OWNER: P. CRAIN. (SEC. 27, T. 2S., R. 1E.) BORED DOMESTIC WATER-TABLE WELL IN QUATERNARY
UPLAND DEPOSITS OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 96 FT, OPEN END CASING. MP TOP INSIDE EDGE OF
8-IN CONCRETE CASING, 0.60 FT ABOVE LSD.
LSD 250.00 FT NGVD.
HIGHEST WATER LEVEL 68.80 BELOW LSD, JUNE 7, 1978,
LOWEST WATER LEVEL 73.48 BELOW LSD, MAY 7, 1979.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	71.89	APR. 4, 1983	71.52				

IBERIA PARISH

295748091571001 LOCAL WELL NUMBER: I-19

OWNER: MCILHENNY CO. (IRREG. SEC. 59, T. 12S., R. 5E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, REPORTED DEPTH 460 FT, SCREENED 380-460. MP HOLE IN STEEL PLATE BELOW PUMP, 1.88 FT ABOVE LSD.

LSD 9.72 FT NGVD.

HIGHEST WATER LEVEL 3.65 BELOW LSD, MAY 11, 1944,

LOWEST WATER LEVEL 16.57 BELOW LSD, MAR. 1, 1983.

RECORDS AVAILABLE 1944-62, 1964, 1966-67, 1969, 1971-72, 1974, 1976-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	16.57						

295108091471501 LOCAL WELL NUMBER: I-36

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 14S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 284 FT, SCREENED 276-284. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.

LSD 4.12 FT NGVD.

HIGHEST WATER LEVEL 3.25 BELOW LSD, MAR. 22, 1966,

LOWEST WATER LEVEL 6.42 BELOW LSD, FEB. 18, 1981.

RECORDS AVAILABLE 1966-71, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	5.82						

300035091443301 LOCAL WELL NUMBER: I-93

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 5, T. 12S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 585 FT, SCREENED 580-585. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.

LSD 18.53 FT NGVD.

HIGHEST WATER LEVEL 15.29 BELOW LSD, FEB. 25, 1974,

LOWEST WATER LEVEL 22.11 BELOW LSD, NOV. 4, 1974.

RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	17.31	AUG. 31, 1983	17.32				

IBERVILLE PARISH

302920091311101 LOCAL WELL NUMBER: IB-9

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED UNUSED PUBLIC-SUPPLY WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1180 FT, SCREENED INTERVAL UNKNOWN. MP LOWER EDGE OF 1/2-IN HOLE IN SIDE OF CASING, 0.80 FT ABOVE LSD.

LSD 23.00 FT NGVD.

HIGHEST WATER LEVEL 30.00 ABOVE LSD, DEC. 27, 1951,

LOWEST WATER LEVEL 32.40 BELOW LSD, OCT. 15, 1981.

RECORDS AVAILABLE 1951, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	30.60	APR. 14, 1983	28.10				

302919091311101 LOCAL WELL NUMBER: IB-29

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED UNUSED PUBLIC-SUPPLY WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1964 FT, SCREENED 1880-1964. MP HOLE IN SANITARY SEAL, 1.60 FT ABOVE LSD.

LSD 23.00 FT NGVD.

HIGHEST WATER LEVEL 58.90 ABOVE LSD, DEC. 15, 1951,

LOWEST WATER LEVEL 30.20 BELOW LSD, OCT. 7, 1982.

RECORDS AVAILABLE 1951, 1960, 1970, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	30.20	APR. 14, 1983	28.15				

GROUND-WATER LEVELS

JEFFERSON PARISH

295509090034001 LOCAL WELL NUMBER: JF-48

OWNER: PUBLICKER CHEMICAL CORP. (SEC. 7, T. 13S., R. 24E.) DRILLED INDUSTRIAL ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 16 IN, DEPTH 780 FT, SCREENED 700-780. MP HOLE IN CASING FLANGE AT TOP OF CONCRETE FOUNDATION, 0.90 FT ABOVE LSD.

LSD 7.00 FT NGVD.

HIGHEST WATER LEVEL 72.35 BELOW LSD, MAR. 24, 1983,

LOWEST WATER LEVEL 106.81 BELOW LSD, SEP. 15, 1976.

RECORDS AVAILABLE 1957, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	96.70	JAN. 27, 1983	82.60	MAR. 24, 1983	72.35	JULY 20, 1983	73.40

300109090091001 LOCAL WELL NUMBER: JF-71

OWNER: GREATER NEW ORLEANS EXPRESSWAY COMMISSION. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 566 FT, SCREENED 551-566. MP HOLE IN SANITARY SEAL, 3.40 FT ABOVE LSD.

LSD 11.00 FT NGVD.

HIGHEST WATER LEVEL 64.70 BELOW LSD, MAR. 22, 1983,

LOWEST WATER LEVEL 87.43 BELOW LSD, OCT. 17, 1973.

RECORDS AVAILABLE 1963, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1982	70.95	MAR. 22, 1983	64.70				

295858090154101 LOCAL WELL NUMBER: JF-153

OWNER: W. & H. WAREHOUSE CO. (SEC. 37, T. 12S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 670 FT, SCREENED 630-670. MP TOP EDGE STEEL PLATE ATOP CASING, 2.20 FT ABOVE LSD.

LSD 2.00 FT NGVD.

HIGHEST WATER LEVEL 36.35 BELOW LSD, JULY 19, 1983,

LOWEST WATER LEVEL 46.05 BELOW LSD, SEP. 29, 1981.

RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1982	39.80	FEB. 3, 1983	37.60	MAR. 22, 1983	37.15	JULY 19, 1983	36.35

295739090094601 LOCAL WELL NUMBER: JF-156

OWNER: JEFFERSON PARISH CONSOLIDATED WATER DISTRICT. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 780 FT, SCREENED 660-780. MP TOP OF 4-IN PLASTIC LINER, 2.05 FT ABOVE LSD.

LSD 9.00 FT NGVD.

HIGHEST WATER LEVEL 72.60 BELOW LSD, MAR. 22, 1983,

LOWEST WATER LEVEL 94.34 BELOW LSD, NOV. 11, 1975.

RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	80.10	JAN. 27, 1983	74.35	MAR. 22, 1983	72.60	JULY 20, 1983	73.25

295355090044201 LOCAL WELL NUMBER: JF-166

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 14S., R. 24E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FOOT" SAND OF NEW ORLEANS AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 1,302 FT, SCREENED 1,292-1,302. MP TOP OF 2-IN CASING, 0.35 FT ABOVE LSD.

LSD 2.00 FT NGVD.

HIGHEST WATER LEVEL 42.35 BELOW LSD, JAN. 21, 1982,

LOWEST WATER LEVEL 44.81 BELOW LSD, JAN. 6, 1982.

RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	44.35	JAN. 27, 1983	43.95	MAR. 24, 1983	43.75	JULY 20, 1983	43.35

JEFFERSON PARISH

295355090044202 LOCAL WELL NUMBER: JF-167

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 14S., R. 24E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 725 FT, SCREENED 715-725. MP TOP OF 2-IN CASING, 0.15 FT ABOVE LSD.
 LSD 2.00 FT NGVD.
 HIGHEST WATER LEVEL 60.85 BELOW LSD, JULY 20, 1983,
 LOWEST WATER LEVEL 70.05 BELOW LSD, OCT. 21, 1982.
 RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	70.05	JAN. 27, 1983	62.75	MAR. 24, 1983	61.15	JULY 20, 1983	60.85

JEFFERSON DAVIS PARISH

301355092463001 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 NGVD.
 HIGHEST WATER LEVEL 19.52 BELOW LSD, MAR. 29, 1943,
 LOWEST WATER LEVEL 95.00 BELOW LSD, JULY 21, 1980.
 RECORDS AVAILABLE 1938-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1982	71.10	JAN. 27, 1983	64.43	APR. 19, 1983	65.14	JULY 22, 1983	69.13
NOV. 24	68.65	MAR. 2	62.80	MAY 24	66.90	AUG. 26	66.22
DEC. 29	65.72	MAR. 18	65.33	JUNE 23	68.48		

302611092411201 LOCAL WELL NUMBER: JD-31

OWNER: B. J. HINE ESTATE. (SEC. 21, T. 7S., R. 3W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 250 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 3.96 FT ABOVE LSD.
 LSD 50.00 FT NGVD.
 HIGHEST WATER LEVEL 80.06 BELOW LSD, MAR. 21, 1967,
 LOWEST WATER LEVEL 92.37 BELOW LSD, FEB. 19, 1971.
 RECORDS AVAILABLE 1966-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	89.49						

300518092493701 LOCAL WELL NUMBER: JD-33

OWNER: JOE PETITJEAN. (SEC. 18, T. 11S., R. 4W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 12 IN, DEPTH 350 FT, SCREENED INTERVAL UNKNOWN. MP BOTTOM EDGE OF DISCHARGE PIPE, 4.75 FT ABOVE LSD.
 LSD 7.18 FT NGVD.
 HIGHEST WATER LEVEL 5.61 BELOW LSD, APR. 8, 1941,
 LOWEST WATER LEVEL 41.15 BELOW LSD, APR. 25, 1956.
 RECORDS AVAILABLE 1939-41, 1947-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	36.85						

302035092554801 LOCAL WELL NUMBER: JD-43

OWNER: LUCIUS VIDRINE. (SEC. 24, T. 8S., R. 6W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, DEPTH 280 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 2-IN COLLAR, 0.70 FT ABOVE LSD (SINCE 3/2/83).
 LSD 34.13 FT NGVD.
 HIGHEST WATER LEVEL 23.68 BELOW LSD, APR. 3, 1942,
 LOWEST WATER LEVEL 79.97 BELOW LSD, MAR. 7, 1979.
 RECORDS AVAILABLE 1939-72, 1979, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	52.10						

GROUND-WATER LEVELS
JEFFERSON DAVIS PARISH

300236092543501 LOCAL WELL NUMBER: JD-222

OWNER: LACASSINE CO. (SEC. 32, T. 11S., R. 5W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 300 FT, SCREENED INTERVAL UNKNOWN. MP EDGE OF CASING, AT LSD.

LSD 4.61 FT NGVD.

HIGHEST WATER LEVEL 6.15 BELOW LSD, MAY 8, 1946,

LOWEST WATER LEVEL 36.63 BELOW LSD, AUG. 25, 1965.

RECORDS AVAILABLE 1945-67, 1972, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	32.30						

301300092584503 LOCAL WELL NUMBER: JD-485A

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 290 FT, SCREENED 270-290. MP TOP OF 4-IN CASING COLLAR, 3.00 FT ABOVE LSD.

LSD 21.36 FT NGVD.

HIGHEST WATER LEVEL 52.57 BELOW LSD, FEB. 15, 1983,

LOWEST WATER LEVEL 107.41 BELOW LSD, JULY 19, 1980.

RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	67.06H	JAN. 5, 1983	59.68	APR. 5, 1983	57.93	JULY 5, 1983	64.79
OCT. 10	66.81	JAN. 10	59.24	APR. 10	58.00	JULY 10	78.49
OCT. 15	65.71	JAN. 15	59.12	APR. 15	58.14	JULY 15	73.45
OCT. 20	65.25	JAN. 20	58.65	APR. 20	58.46H	JULY 20	71.02
OCT. 22	65.00H	JAN. 25	58.46	APR. 25	64.40	JULY 22	69.09H
OCT. 25	64.67	JAN. 27	58.37H	APR. 30	64.79	JULY 25	69.38
OCT. 31	64.01	JAN. 31	58.22	MAY 5	67.01	JULY 31	66.70
NOV. 5	66.29	FEB. 5	57.92	MAY 10	60.04	AUG. 5	66.47
NOV. 10	63.84	FEB. 10	57.66	MAY 15	63.42	AUG. 10	64.95
NOV. 15	63.19	FEB. 15	52.57	MAY 20	67.09	AUG. 15	63.38
NOV. 20	63.07	FEB. 20	57.83	MAY 24	64.49H	AUG. 20	62.28
NOV. 24	64.60H	FEB. 25	57.14	MAY 25	65.21	AUG. 25	65.06
NOV. 25	66.29	FEB. 28	56.97	MAY 31	65.21	AUG. 26	64.67H
NOV. 30	62.11	MAR. 2	56.94H	JUNE 5	75.91	AUG. 31	61.74
DEC. 5	61.57	MAR. 5	56.74	JUNE 10	70.70	SEP. 5	61.56
DEC. 10	61.40	MAR. 10	56.70	JUNE 15	73.80	SEP. 10	61.12
DEC. 15	60.88	MAR. 15	57.48	JUNE 20	67.12	SEP. 15	62.04
DEC. 20	60.68	MAR. 18	57.64H	JUNE 23	65.83H	SEP. 20	61.33
DEC. 25	60.30	MAR. 20	57.65	JUNE 25	68.95	SEP. 25	60.15
DEC. 29	59.95H	MAR. 25	57.69	JUNE 30	65.36	SEP. 30	59.76
DEC. 31	59.96	MAR. 31	57.57				

302509092532101 LOCAL WELL NUMBER: JD-493

OWNER: PRESTON ASHFORD. (SEC. 28, T. 7S., R. 5W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 16 TO 8 IN, DEPTH 220 FT, SCREENED 160-220. MP LOWER LIP OF DISCHARGE PIPE, 6.10 FT ABOVE LSD.

LSD 37.95 FT NGVD.

HIGHEST WATER LEVEL 48.62 BELOW LSD, APR. 8, 1965,

LOWEST WATER LEVEL 58.20 BELOW LSD, MAR. 8, 1977.

RECORDS AVAILABLE 1965-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	57.80						

LAFAYETTE PARISH

300911091581701 LOCAL WELL NUMBER: LF-556

OWNER: G. G. GONDON. (IRREG. SEC. 21, T. 10S., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, REPORTED DEPTH 104 FT, SCREENED 94-104. MP TOP OF 2-IN CASING, 1.40 FT ABOVE LSD.

LSD 34.55 FT NGVD.

HIGHEST WATER LEVEL 27.70 BELOW LSD, MAR. 23, 1966,

LOWEST WATER LEVEL 43.85 BELOW LSD, MAR. 10, 1983.

RECORDS AVAILABLE 1964-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	31.32	MAR. 10, 1983	43.85				

See footnotes at end of table.

LAFAYETTE PARISH

301426092000601 LOCAL WELL NUMBER: LF-662

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 100, T. 9S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 152 FT, SCREENED 146-152. MP TOP OF 2-IN CASING, 1.59 FT ABOVE LSD.
 LSD 40.37 FT NGVD.
 HIGHEST WATER LEVEL 43.18 BELOW LSD, JULY 22, 1983,
 LOWEST WATER LEVEL 47.17 BELOW LSD, OCT. 20, 1981.
 RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 19, 1983	44.60	MAR. 25, 1983	43.88	MAY 20, 1983	44.08	JULY 22, 1983	43.18
FEB. 17	43.75	APR. 21	43.81				

LIVINGSTON PARISH

302804090581802 LOCAL WELL NUMBER: LI-26B

OWNER: CLIFF MACK. (SEC. 67, T. 7S., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 1305 FT, SCREENED 1289-1305. MP TOP OF 2-IN CASING, 0.77 FT ABOVE LSD.
 LSD 37.00 FT NGVD.
 HIGHEST WATER LEVEL 3.53 BELOW LSD, JULY 1, 1957,
 LOWEST WATER LEVEL 64.77 BELOW LSD, OCT. 1, 1981.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1982	61.95	APR. 26, 1983	57.08				

303034090380301 LOCAL WELL NUMBER: LI-52

OWNER: COY KINCHEN. (SEC. 20, T. 6S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1865 FT, SCREENED 1825-1865. MP CENTERLINE OF 3/4-IN TEE, 1.20 FT ABOVE LSD.
 LSD 46.00 FT NGVD.
 HIGHEST WATER LEVEL 116.20 ABOVE LSD, NOV. 30, 1950,
 LOWEST WATER LEVEL 41.20 ABOVE LSD, OCT. 18, 1982.
 RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	+41.20	APR. 20, 1983	+49.20				

302826090344901 LOCAL WELL NUMBER: LI-54

OWNER: ST. MARGARET'S CATHOLIC CHURCH. (SEC. 2, T. 7S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2144 FT SCREENED 2104-2144. MP CENTERLINE OF 2-IN TEE, 0.80 FT ABOVE LSD.
 LSD 33.00 FT NGVD.
 HIGHEST WATER LEVEL 121.80 ABOVE LSD, NOV. 30, 1954, JAN. 10, 1955, FEB. 1, 1955,
 LOWEST WATER LEVEL 64.00 ABOVE LSD, OCT. 4, 1982.
 RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1982	+64.00	APR. 21, 1983	+64.80				

302959090563401 LOCAL WELL NUMBER: LI-92

OWNER: CITY OF DENHAM SPRINGS. (SEC. 48, T. 6S., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 IN, DEPTH 2100 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF 1/2-IN NIPPLE, 0.80 FT ABOVE LSD.
 LSD 51.00 FT NGVD.
 HIGHEST WATER LEVEL 47.67 BELOW LSD, FEB. 3, 1978 (FORMERLY PUBLISHED AS 35.05 BELOW LSD, NOV. 14, 1977),
 LOWEST WATER LEVEL 70.50 BELOW LSD, OCT. 27, 1980.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1982	66.95	JAN. 27, 1983	65.30	APR. 26, 1983	62.20	JULY 27, 1983	61.82

See footnotes at end of table.

GROUND-WATER LEVELS

LIVINGSTON PARISH

302956090504601 LOCAL WELL NUMBER: LI-113

OWNER: W. K. COBURN. (SEC. 30, T. 6S., R. 4E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 3 IN, REPORTED DEPTH 1300 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF COLLAR ABOVE VALVE, 1.50 FT ABOVE LSD.
 LSD 48.00 FT NGVD.
 HIGHEST WATER LEVEL 10.98 BELOW LSD, APR. 14, 1967 (FORMERLY PUBLISHED AS 9.56 BELOW LSD, MAY 11, 1970),
 LOWEST WATER LEVEL 16.70 BELOW LSD, OCT. 18, 1982.
 RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	16.70	APR. 26, 1983	15.70				

ORLEANS PARISH

301001089441301 LOCAL WELL NUMBER: OR-23

OWNER: LOUISIANA OFFICE OF STATE PARKS. (SEC. 19, T. 10S., R. 15E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 547 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 6 X 2-IN REDUCER, 0.40 FT ABOVE LSD.
 LSD 2.00 FT NGVD.
 HIGHEST WATER LEVEL 2.24 BELOW LSD, MAR. 25, 1958,
 LOWEST WATER LEVEL 18.77 BELOW LSD, JAN. 21, 1982.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1982	17.90	MAR. 23, 1983	18.25				

295652090020101 LOCAL WELL NUMBER: OR-42

OWNER: U. S. NAVY. (SEC. 16, T. 13S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, REPORTED DEPTH 775 FT, SCREENED 664-775. MP TOP OF 2 X 6-IN RECORDER BASE, 1.00 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 40.07 BELOW LSD, MAY 25, 1942,
 LOWEST WATER LEVEL 140.48 BELOW LSD, SEP. 20, 1968.
 RECORDS AVAILABLE 1942, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	93.05	JAN. 27, 1983	82.75	MAR. 24, 1983	78.90	JULY 20, 1983	81.50

300137089544201 LOCAL WELL NUMBER: OR-78

OWNER: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. (SEC. 37, T. 12S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 9 IN, DEPTH 565 FT, SCREENED 486-565. MP HOLE IN SANITARY SEAL, 1.36 FT ABOVE LSD.
 LSD 4.00 FT NGVD.
 HIGHEST WATER LEVEL 42.94 BELOW LSD, APR. 12, 1961,
 LOWEST WATER LEVEL 117.46 BELOW LSD, JULY 21, 1976.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1982	105.09	FEB. 3, 1983	100.24	MAR. 23, 1983	92.04	JULY 19, 1983	96.74

300158090033801 LOCAL WELL NUMBER: OR-128

OWNER: ORLEANS LEVEE BOARD. (SEC. 111, T. 12S., R. 11E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, DEPTH 581 FT, SCREENED 541-581. MP TOP EDGE OF HOLE IN SANITARY SEAL, 1.32 FT ABOVE LSD.
 LSD 5.00 FT NGVD.
 HIGHEST WATER LEVEL 87.48 BELOW LSD, FEB. 24, 1983,
 LOWEST WATER LEVEL 167.66 BELOW LSD, JULY 21, 1976.
 RECORDS AVAILABLE 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1982	107.48	FEB. 3, 1983	95.48	MAY 4, 1983	93.08	JULY 19, 1983	95.03
NOV. 18	102.93	FEB. 24	87.48	JUNE 7	91.58	SEP. 6	107.13
DEC. 15	103.83	MAR. 23	91.83				

ORLEANS PARISH

300411089571401 LOCAL WELL NUMBER: OR-156

OWNER: ORLEANS LEVEE BOARD. (SEC. 25, T. 11S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF THE NEW ORLEANS AREA) OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 807 FT, SCREENED 747-807. MP HOLE IN SANITARY SEAL, 1.30 FT ABOVE LSD.
 LSD 2.00 FT NGVD.
 HIGHEST WATER LEVEL 34.30 BELOW LSD, MAR. 23, 1983,
 LOWEST WATER LEVEL 36.70 BELOW LSD, SEP. 29, 1981.
 RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1982	35.30	FEB. 3, 1983	34.70	MAR. 23, 1983	34.30		

300525089464001 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, 1.25 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 19.84 BELOW LSD, SEP. 19, 1963,
 LOWEST WATER LEVEL 37.23 BELOW LSD, JULY 29, 1981.
 RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1982	36.25	FEB. 3, 1983	36.15	MAR. 23, 1983	36.02	JULY 19, 1983	35.35
JAN. 6, 1983	36.05						

300959089441901 LOCAL WELL NUMBER: OR-179

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 15E.) DRILLED OBSERVATION ARTESIAN WELL IN ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2434 FT, SCREENED 2429-2434. MP CENTERLINE OF DISCHARGE PIPE, 2.87 FT ABOVE LSD.
 LSD 4.00 FT NGVD.
 HIGHEST WATER LEVEL 107.20 ABOVE LSD, NOV. 10, 1965,
 LOWEST WATER LEVEL 64.40 ABOVE LSD, MAR. 23, 1983, JULY 19, 1983.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1982	+66.40	FEB. 3, 1983	+64.90	MAR. 23, 1983	+64.40	JULY 19, 1983	+64.40

300349089562401 LOCAL WELL NUMBER: OR-203

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 11S., R. 13E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 453 FT, SCREENED 448-453. MP TOP OF 2-IN CASING, 0.65 FT BELOW LSD.
 LSD -5.00 FT NGVD.
 HIGHEST WATER LEVEL 66.50 BELOW LSD, FEB. 3, 1983,
 LOWEST WATER LEVEL 81.72 BELOW LSD, SEP. 29, 1981.
 RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1982	73.05	FEB. 3, 1983	66.50	MAR. 23, 1983	66.55	JULY 19, 1983	69.75
JAN. 6, 1983	70.20						

POINTE COUPEE PARISH

304939091422101 LOCAL WELL NUMBER: PC-39

OWNER: C. FLINT. (SEC. 13, T. 3S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, REPORTED DEPTH 460 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF REDUCER AT WELL, 1.30 FT ABOVE LSD.
 LSD 41.00 FT NGVD.
 HIGHEST WATER LEVEL 3.19 ABOVE LSD, MAY 23, 1973,
 LOWEST WATER LEVEL 26.64 BELOW LSD, DEC. 4, 1963.
 RECORDS AVAILABLE 1961, 1963-64, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	21.40	APR. 14, 1983	10.45				

See footnotes at end of table.

GROUND-WATER LEVELS

POINTE COUPEE PARISH

304645091434901 LOCAL WELL NUMBER: PC-49

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 3S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 137 FT, SCREENED 132-137. MP TOP OF 4-IN CASING, 1.00 FT ABOVE LSD.
 LSD 36.00 FT NGVD.
 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-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	24.60	APR. 14, 1983	13.50				

303556091234001 LOCAL WELL NUMBER: PC-66

OWNER: MRS. ST. GEORGE HINES. (SEC. 48, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 1530 FT, SCREENED 1490-1530. MP TOP OF SANITARY SEAL, 2.30 FT ABOVE LSD.
 LSD 33.00 FT NGVD.
 HIGHEST WATER LEVEL 33.79 BELOW LSD, JUNE 16, 1970,
 LOWEST WATER LEVEL 60.70 BELOW LSD, OCT. 15, 1981.
 RECORDS AVAILABLE 1970, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	59.70	APR. 14, 1983	56.80				

303402091325501 LOCAL WELL NUMBER: PC-70

OWNER: THEO H. GLAZIER, SR. (SEC. 16, T. 6S., R. 9E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 2294 FT, SCREENED 2259-2294. MP CENTERLINE OF TEE, 0.80 FT ABOVE LSD.
 LSD 26.00 FT NGVD.
 HIGHEST WATER LEVEL 69.50 ABOVE LSD, JULY 15, 1960,
 LOWEST WATER LEVEL 5.40 ABOVE LSD, OCT. 15, 1981.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	+6.10						

303357091330401 LOCAL WELL NUMBER: PC-138

OWNER: VILLAGE OF LIVONIA. (SEC. 16, T. 6S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, REPORTED DEPTH 1637 FT, SCREENED 1617-1637. MP TOP OF 3/4-IN PLUG IN TOP OF WELL, 1.56 FT ABOVE LSD.
 LSD 27.00 FT NGVD.
 HIGHEST WATER LEVEL 16.64 BELOW LSD, MAY 23, 1973,
 LOWEST WATER LEVEL 35.44 BELOW LSD, OCT. 7, 1982.
 RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	35.44	APR. 14, 1983	33.44				

305023091393901 LOCAL WELL NUMBER: PC-143

OWNER: U. S. GEOL. SURVEY. (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 1228 FT, SCREENED 1218-1228. MP 3/8-IN HOLE IN 2-IN PLUG ATOP WELL, 2.50 FT ABOVE LSD.
 LSD 41.00 FT NGVD.
 HIGHEST WATER LEVEL 18.60 ABOVE LSD, APR. 17, 1968,
 LOWEST WATER LEVEL 5.85 BELOW LSD, OCT. 7, 1982.
 RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	5.85	APR. 14, 1983	3.30				

See footnotes at end of table.

305023091393902 LOCAL WELL NUMBER: PC-144

OWNER: U. S. GEOL. SURVEY. (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 835 FT, SCREENED 825-835. MP CENTER OF GAGE IN BUSHING ATOP CASING, 2.66 FT ABOVE LSD.

LSD 41.00 FT NGVD.

HIGHEST WATER LEVEL 12.20 ABOVE LSD, APR. 17, 1968,

LOWEST WATER LEVEL 7.14 BELOW LSD, OCT. 7, 1982.

RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	7.14	APR. 14, 1983	5.24				

303835091202401 LOCAL WELL NUMBER: PC-146

OWNER: GLYNN WATER WORKS. (SEC. 56, T. 5S., R. 11E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1785 FT, SCREENED 1765-1785. MP BOTTOM EDGE 1 X 2-IN REDUCER, 1.15 FT ABOVE LSD.

LSD 33.00 FT NGVD.

HIGHEST WATER LEVEL 4.95 BELOW LSD, JUNE 20, 1974,

LOWEST WATER LEVEL 25.25 BELOW LSD, NOV. 5, 1980.

RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	21.25	APR. 14, 1983	18.60				

303538091232501 LOCAL WELL NUMBER: PC-154

OWNER: ALMA PLANTATION. (SEC. 48, T. 5S., R. 11E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 12 IN, DEPTH 1263 FT, SCREENED 1174-1228 AND 1237-1263. MP 3/4-IN PLUG IN SANITARY SEAL, 1.16 FT ABOVE LSD.

LSD 36.00 FT NGVD.

HIGHEST WATER LEVEL 37.84 BELOW LSD, AUG. 4, 1975,

LOWEST WATER LEVEL 61.49 BELOW LSD, OCT. 7, 1982.

RECORDS AVAILABLE 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	61.49	APR. 14, 1983	56.69				

303250091365001 LOCAL WELL NUMBER: PC-155

OWNER: JOHN BLANCHARD. (SEC. 31, T. 6S., R. 8E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 990 FT, SCREENED 970-990. MP TOP OF BOLT HOLE ON NW SIDE OF SANITARY SEAL, 0.35 FT ABOVE LSD.

LSD 25.00 FT NGVD.

HIGHEST WATER LEVEL 19.20 BELOW LSD, AUG. 5, 1975,

LOWEST WATER LEVEL 30.95 BELOW LSD, OCT. 15, 1981.

RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	29.25	APR. 14, 1983	30.35				

303735091211701 LOCAL WELL NUMBER: PC-156

OWNER: MRS. EMMA MOUNGER. (SEC. 50, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, ESTIMATED DEPTH 180 FT, SCREENED INTERVAL UNKNOWN. MP 1/2-IN HOLE IN SANITARY SEAL, 0.60 FT ABOVE LSD.

LSD 35.00 FT NGVD.

HIGHEST WATER LEVEL 6.80 BELOW LSD, APR. 17, 1973,

LOWEST WATER LEVEL 23.55 BELOW LSD, NOV. 19, 1976.

RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	20.75	APR. 14, 1983	8.95				

GROUND-WATER LEVELS

ST. CHARLES PARISH

300022090241001 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 2-IN COLLAR ON STEEL PLATE, 0.28 FT ABOVE LSD.
 LSD 4.79 FT NGVD.
 HIGHEST WATER LEVEL 12.40 BELOW LSD, JAN. 19, 1950,
 LOWEST WATER LEVEL 39.98 BELOW LSD, SEP. 14, 1953.
 RECORDS AVAILABLE 1943, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	26.87	JAN. 26, 1983	26.12	MAY 4, 1983	24.82	JULY 19, 1983	25.37
NOV. 17	26.85	FEB. 24	25.12	JUNE 7	24.07	SEP. 6	24.32
DEC. 15	25.82	MAR. 23	25.57				

300022090241002 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 BOTTOM EDGE OF DOOR ON CULVERT, 1.35 FT ABOVE LSD.
 LSD 5.51 FT NGVD.
 HIGHEST WATER LEVEL 27.21 BELOW LSD, DEC. 15, 1979,
 LOWEST WATER LEVEL 90.74 BELOW LSD, SEP. 17, 1957.
 RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	38.07	DEC. 31, 1982	37.41	MAR. 23, 1983	42.22H	JUNE 15, 1983	40.25
OCT. 6	38.50H	JAN. 5, 1983	37.21	MAR. 25	42.06	JULY 19	35.15H
OCT. 10	38.59	JAN. 10	44.72	MAR. 31	41.97	JULY 20	34.94
OCT. 15	39.16	JAN. 15	44.89	APR. 5	42.31	JULY 25	34.35
OCT. 20	38.99	JAN. 20	45.05	APR. 10	41.42	JULY 31	33.80
OCT. 25	39.30	JAN. 25	44.86	APR. 15	41.77	AUG. 5	33.20
OCT. 31	39.53	JAN. 26	44.78H	APR. 20	40.02	AUG. 10	33.14
NOV. 5	39.41	JAN. 31	43.75	APR. 25	37.39	AUG. 15	32.96
NOV. 10	39.12	FEB. 5	42.21	APR. 30	37.29	AUG. 20	32.76
NOV. 15	39.01	FEB. 10	41.67	MAY 4	40.87H	AUG. 25	32.34
NOV. 17	39.04H	FEB. 15	43.82	MAY 5	40.99	AUG. 31	32.67
NOV. 20	38.95	FEB. 20	39.78	MAY 10	41.53	SEP. 5	32.74
NOV. 25	39.33	FEB. 24	38.73H	MAY 15	41.40	SEP. 6	32.55H
NOV. 30	39.15	FEB. 25	38.64	MAY 20	40.83	SEP. 10	32.44
DEC. 5	38.28	FEB. 28	37.99	MAY 25	39.29	SEP. 15	32.31
DEC. 10	38.34	MAR. 5	38.64	MAY 31	39.73	SEP. 20	32.30
DEC. 15	37.75H	MAR. 10	41.92	JUNE 5	39.76	SEP. 25	32.53
DEC. 20	38.11	MAR. 15	42.15	JUNE 7	39.67H	SEP. 30	32.75
DEC. 25	37.67	MAR. 20	42.09	JUNE 10	39.84		

295635090193701 LOCAL WELL NUMBER: SC-24

OWNER: INTL. TANK TERMINAL. (SEC. 40, T. 13S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 18 IN, DEPTH 492 FT, SCREENED 439-492. MP TOP EDGE OF HOLE IN STEEL PLATE OVER TOP OF WELL, 2.80 FT ABOVE LSD.
 LSD 12.00 FT NGVD.
 HIGHEST WATER LEVEL 12.44 BELOW LSD, APR. 20, 1976,
 LOWEST WATER LEVEL 29.45 BELOW LSD, NOV. 4, 1965.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1982	17.75	MAR. 29, 1983	15.70				

295556090214201 LOCAL WELL NUMBER: SC-80

OWNER: AMBROSE CHAMPAGNE. (SEC. 15, T. 13S., R. 21E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 256 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 2-IN CASING, 0.90 FT ABOVE LSD.
 LSD 13.00 FT NGVD.
 HIGHEST WATER LEVEL 8.01 BELOW LSD, MAY 21, 1979,
 LOWEST WATER LEVEL 28.40 BELOW LSD, JAN. 30, 1957.
 RECORDS AVAILABLE 1957-61, 1963, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	12.10	MAR. 24, 1983	10.80				

See footnotes at end of table.

ST. CHARLES PARISH

295950090283001 LOCAL WELL NUMBER: SC-82

OWNER: LA. POWER & LIGHT CO. (SEC. 26, T. 12S., R. 20E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 373 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF HOLE IN 4-IN CAP AT TOP OF 4-IN CASING EXTENSION, 4.69 FT ABOVE LSD.

LSD 12.00 FT NGVD.

HIGHEST WATER LEVEL 17.63 BELOW LSD, MAY 21, 1979,

LOWEST WATER LEVEL 36.34 BELOW LSD, NOV. 4, 1958.

RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	23.21	MAR. 24, 1983	21.06				

295633090193101 LOCAL WELL NUMBER: SC-102

OWNER: U. S. GEOL. SURVEY. (SEC. 40, T. 13S., R. 9E.) BORED OBSERVATION ARTESIAN WELL IN POINT-BAR DEPOSITS OF HOLOCENE AGE, DIAM 1 1/4 IN, DEPTH 62 FT, SCREENED 60-62. MP TOP OF CASING, AT LSD.

LSD 12.00 FT NGVD.

HIGHEST WATER LEVEL 1.75 ABOVE LSD, MAY 18, 1973,

LOWEST WATER LEVEL 21.71 BELOW LSD, APR. 7, 1981.

RECORDS AVAILABLE 1960-66, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1982	7.15	MAR. 29, 1983	3.20				

295747090242501 LOCAL WELL NUMBER: SC-174

OWNER: U. S. GEOL. SURVEY. (SEC. 17, T. 13S., R. 20E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 272 FT, SCREENED 262-272. MP TOP OF 2-IN CASING COLLAR, AT LSD.

LSD 14.00 FT NGVD.

HIGHEST WATER LEVEL 10.98 BELOW LSD, APR. 19, 1982,

LOWEST WATER LEVEL 17.08 BELOW LSD, NOV. 3, 1980.

RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	16.15	JAN. 27, 1983	11.50	MAR. 24, 1983	11.20	JULY 20, 1983	13.00

ST. HELENA PARISH

304051090385401 LOCAL WELL NUMBER: SH-7

OWNER: ST. HELENA WATER SYSTEMS, INC. (SEC. 51, T. 4S., R. 6E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) 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 NGVD.

HIGHEST WATER LEVEL 39.10 ABOVE LSD, MAR. 18, 1955,

LOWEST WATER LEVEL 31.05 BELOW LSD, APR. 4, 1983.

RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	21.90	APR. 4, 1983	31.05				

305300090502701 LOCAL WELL NUMBER: SH-9

OWNER: TWO-B RANCH. (SEC. 73, T. 2S., R. 4E.) DRILLED DOMESTIC AND STOCK ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2135 FT, SCREENED 2106-2135. MP 3/8-IN HOLE IN TOP OF WELL SEAL, 1.28 FT ABOVE LSD.

LSD 165.00 FT NGVD.

HIGHEST WATER LEVEL 54.56 BELOW LSD, SEP. 13, 1960,

LOWEST WATER LEVEL 81.52 BELOW LSD, APR. 4, 1983.

RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1982	80.00	APR. 4, 1983	81.52				

GROUND-WATER LEVELS

ST. JAMES PARISH

295906090502001 LOCAL WELL NUMBER: SJ-24

OWNER: EXXON CO., U.S.A. (SEC. 8, T. 12S., R. 16E.) DRILLED STOCK ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 281 FT, SCREENED INTERVAL UNKNOWN. MP TOP INSIDE EDGE OF OPENING IN TEE, 0.99 FT ABOVE LSD.
 LSD 11.79 FT NGVD.
 HIGHEST WATER LEVEL 3.75 ABOVE LSD, MAY 17, 1973,
 LOWEST WATER LEVEL 25.50 BELOW LSD, AUG. 6, 1957.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	13.71	MAR. 24, 1983	2.91				

300449090520201 LOCAL WELL NUMBER: SJ-41

OWNER: HELVETIA SUGAR COOP., INC. (SEC. 38, T. 11S., R. 3E.) DRILLED INDUSTRIAL ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 441 FT, SCREENED 399-441. MP TOP OF 8-IN CASING COLLAR, 1.00 FT ABOVE LSD.
 LSD 17.80 FT NGVD.
 HIGHEST WATER LEVEL 0.07 BELOW LSD, MAY 18, 1979,
 LOWEST WATER LEVEL 15.65 BELOW LSD, OCT. 15, 1973.
 RECORDS AVAILABLE 1948, 1958-64, 1966-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1982	13.30	MAR. 22, 1983	6.00				

300024090433501 LOCAL WELL NUMBER: SJ-86

OWNER: DELPHINE PLANTING CO. (SEC. 20, T. 12S., R. 17E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN, DEPTH 290 FT, SCREENED 280-290. MP TOP OF 2-IN NIPPLE EXTENDING FROM TOP OF CASING COLLAR, 1.44 FT ABOVE LSD.
 LSD 18.30 FT NGVD.
 HIGHEST WATER LEVEL 3.79 BELOW LSD, MAY 21, 1979,
 LOWEST WATER LEVEL 19.00 BELOW LSD, OCT. 31, 1963.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	15.86	JAN. 27, 1983	7.46	MAR. 24, 1983	8.41	JULY 21, 1983	10.06

300433090403701 LOCAL WELL NUMBER: SJ-186

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 11S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 230 FT, SCREENED 220-230. MP TOP OF 2-IN CASING, 1.00 FT ABOVE LSD.
 LSD 4.00 FT NGVD.
 HIGHEST WATER LEVEL 3.82 ABOVE LSD, MAY 9, 1979,
 LOWEST WATER LEVEL 8.61 BELOW LSD, NOV. 9, 1978.
 RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 19, 1982	5.90	JAN. 26, 1983	0.80	MAY 4, 1983	+0.60	JULY 20, 1983	0.10
NOV. 18	6.20	FEB. 24	0.80	JUNE 7	2.80	SEP. 6	5.10
DEC. 15	3.80	MAR. 22	+0.70				

ST. JOHN THE BAPTIST PARISH

300240090265601 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 5.76 FT NGVD.
 HIGHEST WATER LEVEL 16.60 BELOW LSD, JAN. 28, 1980,
 LOWEST WATER LEVEL 41.59 BELOW LSD, JAN. 23, 1957.
 RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	21.70	JAN. 26, 1983	21.38	MAR. 22, 1983	20.15	JULY 20, 1983	20.10

See footnotes at end of table.

300420090344101 LOCAL WELL NUMBER: SJB-53

OWNER: GULF STATES LAND AND INDUSTRIES, INC. (SEC. 32, T. 11S., R. 6E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 345 FT, SCREENED 305-345. MP TOP OF 3 X 3/4-IN BUSHING, 1.57 FT ABOVE LSD.
 LSD 7.90 FT NGVD.
 HIGHEST WATER LEVEL 3.09 BELOW LSD, MAY 17, 1973,
 LOWEST WATER LEVEL 15.12 BELOW LSD, OCT. 6, 1970.
 RECORDS AVAILABLE 1960-71, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	10.53	MAR. 22, 1983	6.08				

300232090390405 LOCAL WELL NUMBER: SJB-144

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN OLDER DELTAIC DEPOSITS OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 170 FT, SCREENED 158-170. MP TOP OF 4-IN CAP, 3.22 FT ABOVE LSD.
 LSD 17.75 FT NGVD.
 HIGHEST WATER LEVEL 3.15 ABOVE LSD, MAY 17, 1973,
 LOWEST WATER LEVEL 15.37 BELOW LSD, DEC. 11, 1963.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	12.83	JAN. 27, 1983	2.38	MAR. 24, 1983	3.58	JULY 21, 1983	7.48

300234090390301 LOCAL WELL NUMBER: SJB-145

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY 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 17.71 FT NGVD.
 HIGHEST WATER LEVEL 3.91 BELOW LSD, MAY 17, 1973,
 LOWEST WATER LEVEL 21.34 BELOW LSD, JAN. 13, 1964.
 RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 21, 1982	17.80	JAN. 27, 1983	9.55	MAR. 24, 1983	9.40	JULY 21, 1983	12.95

300348090290801 LOCAL WELL NUMBER: SJB-156

OWNER: ST. JOHN THE BAPTIST WATERWORKS DISTRICT NO. 3. (SEC. 27, T. 11S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 359 FT, SCREENED 319-359. MP TOP INSIDE EDGE OF 1 1/4-IN COUPLING, 1.70 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 22.36 BELOW LSD, JAN. 29, 1980,
 LOWEST WATER LEVEL 29.87 BELOW LSD, JAN. 20, 1982.
 RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	28.30	JAN. 26, 1983	25.00	MAR. 22, 1983	25.80	JULY 20, 1983	28.05

300310090281702 LOCAL WELL NUMBER: SJB-163B

OWNER: GUY REINE. (SEC. 30, T. 11S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 635 FT, SCREENED 625-635. MP TOP OF 2-IN NIPPLE, 4.56 FT ABOVE LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 21.05 BELOW LSD, MAY 22, 1973,
 LOWEST WATER LEVEL 23.87 BELOW LSD, SEP. 30, 1981.
 RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	23.14	JAN. 26, 1983	22.19	MAR. 22, 1983	21.69	JULY 20, 1983	22.44

GROUND-WATER LEVELS

ST. MARTIN PARISH

301308091521001 LOCAL WELL NUMBER: SMN-103

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 88, T. 9S., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN ATCHAFALAYA AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 1/2 IN, DEPTH 145 FT, SCREENED 135-145. MP TOP OF 2-IN CASING, 2.10 FT ABOVE LSD.
 LSD 23.93 FT NGVD.
 HIGHEST WATER LEVEL 12.65 BELOW LSD, FEB. 27, 1974,
 LOWEST WATER LEVEL 21.96 BELOW LSD, NOV. 19, 1969.
 RECORDS AVAILABLE 1964-77, 1979, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	16.99	AUG. 31, 1983	17.64				

301304091424001 LOCAL WELL NUMBER: SMN-108

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 505 FT, SCREENED 500-505. MP TOP OF 2-IN CASING, 2.72 FT ABOVE LSD.
 LSD 11.34 FT NGVD.
 HIGHEST WATER LEVEL 3.54 ABOVE LSD, APR. 13, 1973,
 LOWEST WATER LEVEL 8.54 BELOW LSD, FEB. 18, 1981.
 RECORDS AVAILABLE 1965-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	2.03	AUG. 31, 1983	6.20				

301304091424002 LOCAL WELL NUMBER: SMN-109

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 375 FT, SCREENED 370-375. MP TOP OF 2-IN CASING, 2.40 FT ABOVE LSD.
 LSD 11.34 FT NGVD.
 HIGHEST WATER LEVEL 2.94 ABOVE LSD, FEB. 27, 1974,
 LOWEST WATER LEVEL 8.82 BELOW LSD, FEB. 18, 1981.
 RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	2.34	AUG. 31, 1983	6.49				

300947091472102 LOCAL WELL NUMBER: SMN-134B

OWNER: U. S. GEOL. SURVEY. (SEC. 47, T. 10S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 846 FT, SCREENED 836-846. MP TOP OF 2-IN CASING, 3.50 FT ABOVE LSD.
 LSD 20.00 FT NGVD.
 HIGHEST WATER LEVEL 10.42 BELOW LSD, JUNE 4, 1975,
 LOWEST WATER LEVEL 16.99 BELOW LSD, FEB. 18, 1981.
 RECORDS AVAILABLE 1975-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	15.23						

ST. MARY PARISH

294749091402301 LOCAL WELL NUMBER: SM-57U

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 638 FT, SCREENED 628-638. MP TOP OF 1 1/2-IN PIPE, 2.50 FT ABOVE LSD.
 LSD 8.72 FT NGVD.
 HIGHEST WATER LEVEL 6.40 BELOW LSD, APR. 15, 1965,
 LOWEST WATER LEVEL 10.25 BELOW LSD, DEC. 20, 1976.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	9.37	AUG. 31, 1983	8.78				

ST. MARY PARISH

294749091402302 LOCAL WELL NUMBER: SM-57L

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14S., R. 8E.) 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 NGVD.
 HIGHEST WATER LEVEL 7.54 BELOW LSD, AUG. 16, 1973,
 LOWEST WATER LEVEL 11.93 BELOW LSD, OCT. 22, 1970.
 RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	10.50	AUG. 31, 1983	9.88				

295314091312101 LOCAL WELL NUMBER: SM-58

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 30, T. 13S., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN ATCHAFALAYA AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 194 FT, SCREENED 188-194. MP TOP OF 2-IN CASING, 2.00 FT ABOVE LSD.
 LSD 10.37 FT NGVD.
 HIGHEST WATER LEVEL 3.35 BELOW LSD, FEB. 24, 1974,
 LOWEST WATER LEVEL 7.69 BELOW LSD, FEB. 18, 1981.
 RECORDS AVAILABLE 1966-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	5.75						

ST. TAMMANY PARISH

302055090014601 LOCAL WELL NUMBER: ST-12

OWNER: LOUISIANA OFFICE OF STATE PARKS. (SEC. 37, T. 8S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN BIG BRANCH AQUIFER (ZONE 1) OF PLIOCENE AGE, DIAM 6 IN, DEPTH 1525 FT, SCREENED INTERVAL UNKNOWN. MP CENTERLINE OF 4-IN TEE, 2.30 FT BELOW LSD.
 LSD 10.00 FT NGVD.
 HIGHEST WATER LEVEL 55.90 ABOVE LSD, JULY 25, 1940,
 LOWEST WATER LEVEL 23.50 ABOVE LSD, JAN. 7, 1970.
 RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	+24.20	JAN. 24, 1983	+25.70	APR. 21, 1983	+26.20	JULY 19, 1983	+30.20

303529089550601 LOCAL WELL NUMBER: ST-16

OWNER: BOGALUSA TUNG OIL CO. (SEC. 29, T. 5S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 1000 FT, SCREENED INTERVAL UNKNOWN. MP CENTERLINE OF DISCHARGE PIPE, 4.00 FT ABOVE LSD.
 LSD 78.00 FT NGVD.
 HIGHEST WATER LEVEL 38.10 ABOVE LSD, JULY 11, 1946,
 LOWEST WATER LEVEL 10.90 ABOVE LSD, MAY 17, 1977.
 RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1982	+13.80	APR. 20, 1983	+14.00				

302852090010601 LOCAL WELL NUMBER: ST-545

OWNER: WILLIAM BAGLEY, SR. (SEC. 32, T. 6S., R. 12E.) DRILLED DOMESTIC ARTESIAN WELL IN ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 1/2 IN, REPORTED DEPTH 1598 FT, SCREENED 1548-1598. MP TOP EDGE OF FOUNDATION OF SHOOTING GALLEY, 2.00 FT BELOW LSD (SINCE 10/13/82).
 LSD 35.00 FT NGVD.
 HIGHEST WATER LEVEL 97.00 ABOVE LSD, MAR. 11, 1953,
 LOWEST WATER LEVEL 44.50 ABOVE LSD, OCT. 13, 1982.
 RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1982	+44.50	APR. 13, 1983	+48.00				

See footnotes at end of table.

GROUND-WATER LEVELS

ST. TAMMANY PARISH

302406090093101 LOCAL WELL NUMBER: ST-562

OWNER: TOWN OF MADISONVILLE. (SEC. 39, T. 7S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1900 FT, SCREENED 1840-1900. MP CENTERLINE OF 4-IN DISCHARGE LINE, 3.10 FT ABOVE LSD.
 LSD 4.00 FT NGVD.
 HIGHEST WATER LEVEL 119.20 ABOVE LSD, NOV. 17, 1961,
 LOWEST WATER LEVEL 69.60 ABOVE LSD, JULY 19, 1979.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	+80.10	JAN. 24, 1983	+79.10	APR. 21, 1983	+81.10	JULY 19, 1983	+78.10

301536089470501 LOCAL WELL NUMBER: ST-563

OWNER: CITY OF SLIDELL. (SEC. 15, T. 9S., R. 14E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SLIDELL AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 10 IN, DEPTH 2411 FT, SCREENED 2262-2411. MP CENTERLINE OF FAUCET ON DISCHARGE LINE, 3.50 FT ABOVE LSD.
 LSD 4.00 FT NGVD.
 HIGHEST WATER LEVEL 118.90 ABOVE LSD, JUNE 12, 1958,
 LOWEST WATER LEVEL 63.50 ABOVE LSD, APR. 21, 1983.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	+63.57	JAN. 24, 1983	+65.20	APR. 21, 1983	+63.50	JULY 26, 1983	+64.50

303010090120701 LOCAL WELL NUMBER: ST-615

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 6S., R. 10E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 34 FT, SCREENED 32-34. MP TOP OF CASING, 2.30 FT ABOVE LSD.
 LSD 38.00 FT NGVD.
 HIGHEST WATER LEVEL 2.51 BELOW LSD, JAN. 11, 1972,
 LOWEST WATER LEVEL 9.48 BELOW LSD, DEC. 4, 1968.
 RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1982	6.80	APR. 21, 1983	2.90				

303159090110001 LOCAL WELL NUMBER: ST-652

OWNER: WILLIE CORE. (SEC. 15, T. 6S., R. 10E.) DRILLED RECREATION ARTESIAN WELL IN RAMSAY AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 10 IN, DEPTH 3354 FT, SCREENED 3269-3354. MP CENTERLINE OF HORIZONTAL 10-IN PIPE, 3.00 FT ABOVE LSD.
 LSD 44.00 FT NGVD.
 HIGHEST WATER LEVEL 95.80 ABOVE LSD, MAY 2, 1969,
 LOWEST WATER LEVEL 67.20 ABOVE LSD, MAY 17, 1977.
 RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	+74.50	JAN. 27, 1983	+79.20	APR. 14, 1983	+70.00		

301839089493801 LOCAL WELL NUMBER: ST-661

OWNER: ALBERT L. STONE. (SEC. 37, T. 8S., R. 14E.) DRILLED DOMESTIC ARTESIAN WELL IN SLIDELL AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 2220 FT, SCREENED 2200-2220. MP CENTER OF 2-IN DISCHARGE LINE, 1.00 FT ABOVE LSD.
 LSD 16.00 FT NGVD.
 HIGHEST WATER LEVEL 87.45 ABOVE LSD, FEB. 20, 1969,
 LOWEST WATER LEVEL 55.00 ABOVE LSD, OCT. 7, 1982.
 RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	+55.00	APR. 21, 1983	+57.00				

See footnotes at end of table.

302606090263401 LOCAL WELL NUMBER: TA-7

OWNER: TOWN OF PONCHATOUA. (SEC. 18, T. 7S., R. 8E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN UPPER PONCHATOUA AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 654 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF TEE AT WELL, 0.73 FT ABOVE LSD.

LSD 22.00 FT NGVD.

HIGHEST WATER LEVEL 11.60 ABOVE LSD, AUG. 8, 1939, FEB. 3, 1942,

LOWEST WATER LEVEL 1.42 ABOVE LSD, JULY 21, 1971.

RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	+4.94	JAN. 24, 1983	+4.65	APR. 21, 1983	+5.13	AUG. 3, 1983	+3.94

302549090222601 LOCAL WELL NUMBER: TA-242

OWNER: BYRON STEVENS. (SEC. 23, T. 7S., R. 8E.) DRILLED IRRIGATION ARTESIAN WELL IN UPPER PONCHATOUA AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 405 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 2-IN TEE, 1.00 FT ABOVE LSD.

LSD 20.00 FT NGVD.

HIGHEST WATER LEVEL 14.90 ABOVE LSD, APR. 3, 1947,

LOWEST WATER LEVEL 7.30 ABOVE LSD, MAY 9, 1963.

RECORDS AVAILABLE 1944-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	+9.00	APR. 21, 1983	+9.50				

303007090274801 LOCAL WELL NUMBER: TA-253

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 8 IN, DEPTH 2190 FT, SCREENED 2070-2190. MP TOP OF HORIZONTAL DISCHARGE PIPE, 2.00 FT ABOVE LSD.

LSD 35.00 FT NGVD.

HIGHEST WATER LEVEL 106.03 ABOVE LSD, DEC. 16, 1952,

LOWEST WATER LEVEL 59.80 ABOVE LSD, JULY 14, 1982.

RECORDS AVAILABLE 1952-63, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1982	+60.60	JAN. 26, 1983	+60.70	APR. 22, 1983	+62.50	JULY 14, 1983	+69.00

304550090304101 LOCAL WELL NUMBER: TA-260

OWNER: TOWN OF ROSELAND. (SEC. 28, T. 3S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2013 FT, SCREENED 1951-2013. MP TOP OF 3/4-IN VALVE, 3.65 FT ABOVE LSD.

LSD 130.86 FT NGVD.

HIGHEST WATER LEVEL 34.65 ABOVE LSD, MAY 5, 1953,

LOWEST WATER LEVEL 22.33 BELOW LSD, OCT. 12, 1982.

RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1982	22.33	APR. 4, 1983	21.92				

303806090295903 LOCAL WELL NUMBER: TA-262

OWNER: TOWN OF INDEPENDENCE. (SEC. 10, T. 5S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 3 IN, DEPTH 2316 FT, SCREENED 2256-2316. MP TOP OF 4-IN TEE, 2.40 FT ABOVE LSD.

LSD 85.00 FT NGVD.

HIGHEST WATER LEVEL 79.80 ABOVE LSD, JAN. 6, 1954,

LOWEST WATER LEVEL 3.40 ABOVE LSD, JULY 18, 1983.

RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	+6.46	JAN. 26, 1983	+6.75	APR. 20, 1983	+6.40	JULY 18, 1983	+3.40

See footnotes at end of table.

GROUND-WATER LEVELS

TANGIPAHOA PARISH

302957090274001 LOCAL WELL NUMBER: TA-268

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HAMMOND AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 8 IN, DEPTH 2449 FT, SCREENED 2365-2449. MP CENTERLINE OF SOUTH 6-IN DISCHARGE LINE, 2.10 FT ABOVE LSD.

LSD 35.00 FT NGVD.

HIGHEST WATER LEVEL 120.60 ABOVE LSD, JAN. 25, 1957,

LOWEST WATER LEVEL 20.50 ABOVE LSD, JULY 14, 1982.

RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1982	+22.90	JAN. 19, 1983	+24.10	MAY 4, 1983	+24.60	JULY 18, 1983	+22.10
NOV. 8	+23.60	FEB. 24	+23.60	JUNE 10	+22.10	AUG. 8	+21.10
DEC. 13	+23.10	APR. 20	+25.60				

302519090311401 LOCAL WELL NUMBER: TA-273

OWNER: DOMINICAN SISTERS CONVENT. (SEC. 44, T. 7S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 3 IN, DEPTH 2329 FT, SCREENED 2289-2329. MP CENTERLINE OF TEE, 2.00 FT ABOVE LSD.

LSD 11.00 FT NGVD.

HIGHEST WATER LEVEL 127.20 ABOVE LSD, APR. 12, 1960, MAY 17, 1960,

LOWEST WATER LEVEL 85.00 ABOVE LSD, OCT. 7, 1982.

RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1982	+85.00	APR. 21, 1983	+87.00				

305237090305101 LOCAL WELL NUMBER: TA-283

OWNER: VILLAGE OF TANGIPAHOA. (SEC. 60, T. 2S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 13 IN, DEPTH 1457 FT, SCREENED 1419-1457. MP TOP OF SANITARY SEAL, 1.00 FT ABOVE LSD.

LSD 179.00 FT NGVD.

HIGHEST WATER LEVEL 36.30 BELOW LSD, MAR. 23, 1971,

LOWEST WATER LEVEL 67.94 BELOW LSD, JULY 13, 1982.

RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1982	61.98	JAN. 26, 1983	58.31	APR. 4, 1983	56.46	JULY 18, 1983	63.07

303622090243901 LOCAL WELL NUMBER: TA-360

OWNER: U. S. GEOL. SURVEY. (SEC. 21, T. 5S., R. 8E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 54 FT, SCREENED 52-54. MP TOP OF CASING, 3.15 FT ABOVE LSD.

LSD 75.00 FT NGVD.

HIGHEST WATER LEVEL 14.85 BELOW LSD, OCT. 29, 1980,

LOWEST WATER LEVEL 18.76 BELOW LSD, DEC. 3, 1968.

RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	18.55	APR. 5, 1983	16.75				

305737090322501 LOCAL WELL NUMBER: TA-362

OWNER: U. S. GEOL. SURVEY. (SEC. 40, T. 1S., R. 7E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 43 FT, SCREENED 40-43. MP TOP OF CASING, 3.20 FT ABOVE LSD.

LSD 265.00 FT NGVD.

HIGHEST WATER LEVEL 16.65 BELOW LSD, APR. 28, 1980,

LOWEST WATER LEVEL 25.03 BELOW LSD, DEC. 21, 1970.

RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1982	23.27	APR. 4, 1983	20.53				

See footnotes at end of table.

TANGIPAHOA PARISH

305434090264201 LOCAL WELL NUMBER: TA-440

OWNER: U. S. GEOL. SURVEY. (SEC. 47, T. 2S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 603 FT, SCREENED 593-603. MP TOP OF 2-IN GALVANIZED PIPE, 2.15 FT ABOVE LSD.
 LSD 220.00 FT NGVD.
 HIGHEST WATER LEVEL 1.61 BELOW LSD, SEP. 24, 1975,
 LOWEST WATER LEVEL 6.74 BELOW LSD, OCT. 12, 1982.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1982	6.74	APR. 4, 1983	5.88				

VERMILION PARISH

300251092275801 LOCAL WELL NUMBER: VE-128

OWNER: CHARLES STANSEL. (IRREG. SEC. 33, T. 11S., R. 1W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 IN, REPORTED DEPTH 330 FT, SCREENED 230-330. MP LOWER LIP OF DISCHARGE PIPE, 2.40 FT ABOVE LSD.
 LSD 9.86 FT NGVD.
 HIGHEST WATER LEVEL 6.40 BELOW LSD, APR. 8, 1948,
 LOWEST WATER LEVEL 33.95 BELOW LSD, AUG. 26, 1965.
 RECORDS AVAILABLE 1946-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	33.10						

300245092200301 LOCAL WELL NUMBER: VE-333

OWNER: JOSEPH 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 NGVD.
 HIGHEST WATER LEVEL 15.69 BELOW LSD, MAR. 21, 1950,
 LOWEST WATER LEVEL 51.79 BELOW LSD, MAY 26, 1981.
 RECORDS AVAILABLE 1948-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 26, 1982	38.31	MAR. 1, 1983	34.79	APR. 7, 1983	39.72	JUNE 26, 1983	40.59
JAN. 28, 1983	35.25	MAR. 25	39.72	JUNE 23	39.89	AUG. 25	38.33

295650092245001 LOCAL WELL NUMBER: VE-442

OWNER: ROBELY SIMON. (SEC. 1, T. 13S., R. 1W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 20 TO 10 IN, DEPTH 281 FT, SCREENED 198-281. MP LOWER LIP OF DISCHARGE PIPE, 5.08 FT ABOVE LSD.
 LSD 5.42 FT NGVD.
 HIGHEST WATER LEVEL 11.88 BELOW LSD, APR. 4, 1956,
 LOWEST WATER LEVEL 21.62 BELOW LSD, FEB. 19, 1981.
 RECORDS AVAILABLE 1954-72, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	21.42						

295645092165501 LOCAL WELL NUMBER: VE-460

OWNER: RENE DRONET. (SEC. 5, T. 13S., R. 2E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 24 TO 10 IN, REPORTED DEPTH 300 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 4.53 FT ABOVE LSD.
 LSD 9.78 FT NGVD.
 HIGHEST WATER LEVEL 4.20 BELOW LSD, MAR. 15, 1949,
 LOWEST WATER LEVEL 23.07 BELOW LSD, MAR. 9, 1977.
 RECORDS AVAILABLE 1948-72, 1974-75, 1977-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	22.32						

GROUND-WATER LEVELS

VERMILION PARISH

300117092005601 LOCAL WELL NUMBER: VE-501

OWNER: GERMAIN BARES. (SEC. 1, T. 12S., R. 4E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 8 IN, REPORTED DEPTH 227 FT, SCREENED 162-227. MP LOWER LIP OF DISCHARGE PIPE, 12.90 FT ABOVE LSD.

LSD 21.62 FT NGVD.

HIGHEST WATER LEVEL 20.62 BELOW LSD, MAR. 26, 1962,

LOWEST WATER LEVEL 28.70 BELOW LSD, MAR. 1, 1978.

RECORDS AVAILABLE 1958-66, 1968-72, 1974-75, 1977-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1983	28.60						

300240092083201 LOCAL WELL NUMBER: VE-586

OWNER: E. O. BROUSSARD. (SEC. 34, T. 11S., R. 3E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 8 IN, REPORTED DEPTH 259 FT, SCREENED 195-259. MP 1/2-IN PLUG ON SIDE OF PIPE, 3.02 FT ABOVE LSD.

LSD 15.40 FT NGVD.

HIGHEST WATER LEVEL 19.47 BELOW LSD, APR. 29, 1958,

LOWEST WATER LEVEL 30.78 BELOW LSD, FEB. 6, 1974, MAR. 9, 1976.

RECORDS AVAILABLE 1958-68, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	29.68						

294825092202004 LOCAL WELL NUMBER: VE-629U

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 457 FT, SCREENED 447-457. MP TOP OF 1-IN PIPE, 2.95 FT ABOVE LSD.

LSD 1.79 FT NGVD.

HIGHEST WATER LEVEL 3.77 BELOW LSD, MAR. 9, 1966,

LOWEST WATER LEVEL 7.40 BELOW LSD, AUG. 11, 1977.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	5.60	AUG. 24, 1983	6.91				

294825092202005 LOCAL WELL NUMBER: VE-629L

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 487 FT, SCREENED 477-487. MP TOP OF 1-IN PIPE, 2.95 FT ABOVE LSD.

LSD 1.79 FT NGVD.

HIGHEST WATER LEVEL 3.89 BELOW LSD, MAR. 9, 1966,

LOWEST WATER LEVEL 7.46 BELOW LSD, AUG. 11, 1977.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	6.60	AUG. 24, 1983	6.97				

295031092203202 LOCAL WELL NUMBER: VE-630U

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 498 FT, SCREENED 488-498. MP TOP OF 1-IN PIPE, 2.93 FT ABOVE LSD.

LSD 4.75 FT NGVD.

HIGHEST WATER LEVEL 7.15 BELOW LSD, MAR. 5, 1968,

LOWEST WATER LEVEL 11.74 BELOW LSD, AUG. 11, 1977.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	10.62	AUG. 24, 1983	11.17				

295031092203203 LOCAL WELL NUMBER: VE-630L

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 528 FT, SCREENED 518-528. MP TOP OF 1-IN PIPE, 2.93 FT ABOVE LSD.

LSD 4.75 FT NGVD.

HIGHEST WATER LEVEL 7.38 BELOW LSD, MAR. 9, 1966,

LOWEST WATER LEVEL 11.83 BELOW LSD, AUG. 11, 1977.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	10.67	AUG. 24, 1983	11.22				

295345092100702 LOCAL WELL NUMBER: VE-637U

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, DEPTH 198 FT, SCREENED 188-198. MP TOP OF 1-IN PIPE, 2.66 FT ABOVE LSD.

LSD 4.06 FT NGVD.

HIGHEST WATER LEVEL 7.99 BELOW LSD, FEB. 24, 1966,

LOWEST WATER LEVEL 13.51 BELOW LSD, JUNE 9, 1971.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	11.69	AUG. 24, 1983	11.88				

295345092100703 LOCAL WELL NUMBER: VE-637L

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 13S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 IN, DEPTH 243 FT, SCREENED 233-243. MP TOP OF 1-IN PIPE, 2.66 FT ABOVE LSD.

LSD 4.06 FT NGVD.

HIGHEST WATER LEVEL 8.10 BELOW LSD, FEB. 24, 1966,

LOWEST WATER LEVEL 15.11 BELOW LSD, JUNE 25, 1970.

RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	11.79	AUG. 24, 1983	11.97				

293845092264901 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, 3.00 FT ABOVE LSD.

LSD 5.84 FT NGVD.

HIGHEST WATER LEVEL 6.22 BELOW LSD, OCT. 20, 1965,

LOWEST WATER LEVEL 9.65 BELOW LSD, OCT. 29, 1976.

RECORDS AVAILABLE 1965-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	9.30	AUG. 24, 1983	9.31				

295058092091401 LOCAL WELL NUMBER: VE-647

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 14S., R. 3E.) BORED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 76 FT, SCREENED 73-76. MP TOP OF CASING, 1.00 FT ABOVE LSD.

LSD 5.56 FT NGVD.

HIGHEST WATER LEVEL 8.86 BELOW LSD, FEB. 28, 1979,

LOWEST WATER LEVEL 10.75 BELOW LSD, FEB. 19, 1981.

RECORDS AVAILABLE 1979, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 1, 1983	10.53						

GROUND-WATER LEVELS

VERMILION PARISH

295341092055401 LOCAL WELL NUMBER: VE-650

OWNER: U. S. GEOL. SURVEY. (SEC. 37, T. 13S., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 205 FT, SCREENED 200-205. MP TOP OF 2-IN CASING, 2.50 FT ABOVE LSD.
 LSD 7.58 FT NGVD.
 HIGHEST WATER LEVEL 11.99 BELOW LSD, FEB. 24, 1966,
 LOWEST WATER LEVEL 18.85 BELOW LSD, JULY 20, 1971.
 RECORDS AVAILABLE 1965-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 1, 1983	14.50						

295504092320101 LOCAL WELL NUMBER: VE-654

OWNER: ELLIS STANSEL. (SEC. 14, T. 13S., R. 2W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 12 IN, REPORTED DEPTH 267 FT, SCREENED 187-267. MP LOWER LIP OF DISCHARGE PIPE, 5.82 FT ABOVE LSD.
 LSD 9.60 FT NGVD.
 HIGHEST WATER LEVEL 14.68 BELOW LSD, MAR. 4, 1969,
 LOWEST WATER LEVEL 22.78 BELOW LSD, MAR. 9, 1977.
 RECORDS AVAILABLE 1969-70, 1972, 1974-79, 1981, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 2, 1983	22.33						

WASHINGTON PARISH

304652089512201 LOCAL WELL NUMBER: WA-13

OWNER: CROWN ZELLERBACH. (SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 20 IN, DEPTH 156 FT, SCREENED 90-156. MP TOP EDGE OF RECORDER SHELTER SUBFLOOR, 1.30 FT ABOVE LSD.
 LSD 95.00 FT NGVD.
 HIGHEST WATER LEVEL 1.30 ABOVE LSD, FEB. 22, 1961,
 LOWEST WATER LEVEL 44.07 BELOW LSD, SEP. 22, 1958.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1983	19.75	APR. 5, 1983	18.18	JULY 25, 1983	21.86		

304756089514401 LOCAL WELL NUMBER: WA-14

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 3S., R. 13E.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 670 FT, SCREENED 580-670. MP TOP OF PUMP DISCHARGE LINE, 3.70 FT ABOVE LSD.
 LSD 105.00 FT NGVD.
 HIGHEST WATER LEVEL 35.70 ABOVE LSD, MAY 16, 1979,
 LOWEST WATER LEVEL 2.20 ABOVE LSD, OCT. 5, 1955.
 RECORDS AVAILABLE 1950-67, 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	+16.30	JAN. 27, 1983	+16.70	APR. 5, 1983	+16.80	JULY 25, 1983	+17.60

304613089513201 LOCAL WELL NUMBER: WA-15

OWNER: CITY OF BOGALUSA. (SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLEISTOCENE 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, 1.50 FT ABOVE LSD.
 LSD 98.00 FT NGVD.
 HIGHEST WATER LEVEL 29.80 ABOVE LSD, APR. 18, 1950,
 LOWEST WATER LEVEL 5.46 ABOVE LSD, JULY 30, 1957.
 RECORDS AVAILABLE 1942, 1950-63, 1965-68, 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1982	+19.50	APR. 5, 1983	+19.80				

See footnotes at end of table.

305036090092101 LOCAL WELL NUMBER: WA-18

OWNER: TOWN OF FRANKLINTON. (SEC. 46, T. 2S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 6 IN, DEPTH 788 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 6-IN TEE, 1.20 FT ABOVE LSD.
 LSD 150.00 FT NGVD.
 HIGHEST WATER LEVEL 35.80 ABOVE LSD, DEC. 21, 1942,
 LOWEST WATER LEVEL 17.10 ABOVE LSD, NOV. 9, 1955.
 RECORDS AVAILABLE 1942, 1949-62, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3, 1983	+18.40	APR. 5, 1983	+18.30				

304756089514402 LOCAL WELL NUMBER: WA-41

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 3S., R. 13E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 12 IN, DEPTH 1442 FT, SCREENED 1352-1442. MP BOTTOM EDGE OF FLANGE ON PIPE EXTENDING FROM SIDE OF CASING, 0.78 FT ABOVE LSD.
 LSD 105.00 FT NGVD.
 HIGHEST WATER LEVEL 33.40 ABOVE LSD, MAR. 16, 1950,
 LOWEST WATER LEVEL 88.81 BELOW LSD, OCT. 5, 1982.
 RECORDS AVAILABLE 1950, 1952-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	88.81	JAN. 19, 1983	78.12	APR. 5, 1983	61.69	JULY 25, 1983	69.62
NOV. 16	78.05	MAR. 3	72.82	JUNE 8	63.47	SEP. 7	71.02

304107089523401 LOCAL WELL NUMBER: WA-43

OWNER: V. A. TALLEY. (SEC. 49, T. 4S., R. 13E.) DRILLED DOMESTIC ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 2 IN, DEPTH 420 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF VALVE, 1.40 FT ABOVE LSD.
 LSD 71.00 FT NGVD.
 HIGHEST WATER LEVEL 31.00 ABOVE LSD, SEP. 12, 1950,
 LOWEST WATER LEVEL 8.10 ABOVE LSD, SEP. 26, 1978.
 RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1982	+11.50	APR. 20, 1983	+15.00				

305124090093401 LOCAL WELL NUMBER: WA-57

OWNER: TOWN OF FRANKLINTON. (SEC. 45, T. 2S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN FRANKLINTON AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 12 IN, DEPTH 2752 FT, SCREENED 2614-2678 AND 2714-2752. MP HOLE IN PLATE OVER CASING, 0.72 FT ABOVE LSD.
 LSD 160.00 FT NGVD.
 HIGHEST WATER LEVEL 20.76 BELOW LSD, AUG. 26, 1957,
 LOWEST WATER LEVEL 61.79 BELOW LSD, SEP. 26, 1978.
 RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1982	60.83	JAN. 26, 1983	60.78	APR. 5, 1983	56.12	JULY 25, 1983	56.76

305515090194101 LOCAL WELL NUMBER: WA-91

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 1S., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 600 FT, SCREENED 580-600. MP TOP OF 2-IN CASING, 0.20 FT ABOVE LSD.
 LSD 240.00 FT NGVD.
 HIGHEST WATER LEVEL 11.19 BELOW LSD, OCT. 30, 1980,
 LOWEST WATER LEVEL 17.65 BELOW LSD, OCT. 6, 1982.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	17.65	APR. 20, 1983	16.65				

See footnotes at end of table.

GROUND-WATER LEVELS

WASHINGTON PARISH

304709090121502 LOCAL WELL NUMBER: WA-103

OWNER: LSU SOUTHEAST EXPERIMENT STATION. (SEC. 16, T. 3S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 6 IN, DEPTH 170 FT, SCREENED 140-170. MP TOP OF FLANGE, 0.80 FT ABOVE LSD.
 LSD 225.00 FT NGVD.
 HIGHEST WATER LEVEL 64.69 BELOW LSD, SEP. 10, 1975,
 LOWEST WATER LEVEL 73.26 BELOW LSD, APR. 5, 1983.
 RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1982	71.49	APR. 5, 1983	73.26				

304900089542601 LOCAL WELL NUMBER: WA-125

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 3S., R. 13E.) DRILLED OBSERVATION ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 2 IN, DEPTH 1450 FT, SCREENED 1440-1450. MP TOP OF 2-IN CASING, 0.40 FT ABOVE LSD.
 LSD 150.00 FT NGVD.
 HIGHEST WATER LEVEL 66.46 BELOW LSD, APR. 3, 1978,
 LOWEST WATER LEVEL 89.10 BELOW LSD, JAN. 22, 1982.
 RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1982	83.07	JAN. 27, 1983	77.70	APR. 5, 1983	77.90	JULY 25, 1983	81.15

WEST BATON ROUGE PARISH

302732091121901 LOCAL WELL NUMBER: WBR-5

OWNER: CITY OF PORT ALLEN. (SEC. 66, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 IN, DEPTH 1,335 FT, SCREENED 1,230-1,335. MP TOP EDGE OF 3/8-IN HOLE IN 8-IN PLUG IN TEE ATOP CASING, 6.76 FT ABOVE LSD.
 LSD 27.00 FT NGVD.
 HIGHEST WATER LEVEL 36.10 ABOVE LSD, JUNE 21, 1943,
 LOWEST WATER LEVEL 112.62 BELOW LSD, AUG. 15, 1974.
 RECORDS AVAILABLE 1943-46, 1949-50, 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	90.79	JAN. 31, 1983	88.89	MAY 3, 1983	81.24	JULY 5, 1983	90.58
NOV. 19	89.89	FEB. 24	85.24	JUNE 8	83.69	AUG. 29	91.83
DEC. 16	88.69	MAR. 28	85.34				

302610091121101 LOCAL WELL NUMBER: WBR-36

OWNER: BATON ROUGE PORT AUTHORITY. (SEC. 69, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 14 TO 10 IN, REPORTED DEPTH 1,360 FT, SCREENED 1,245-1,290 AND 1,305-1,360. MP TOP OF 3/4-IN BREATHER PIPE IN FLANGE ATOP CASING, 1.00 FT ABOVE LSD.
 LSD 29.00 FT NGVD.
 HIGHEST WATER LEVEL 33.90 BELOW LSD, FEB. 3, 1955,
 LOWEST WATER LEVEL 106.75 BELOW LSD, OCT. 1, 1969.
 RECORDS AVAILABLE 1955, 1962, 1967, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	92.70	APR. 15, 1983	74.20				

302613091121501 LOCAL WELL NUMBER: WBR-37

OWNER: BATON ROUGE PORT AUTHORITY. (SEC. 69, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 14 TO 10 IN, DEPTH 1,356 FT, SCREENED 1,235-1,288, 1,318-1,335 AND 1,340-1,356. MP TOP OF 3/4-IN BREATHER PIPE IN FLANGE ATOP CASING, 1.00 FT ABOVE LSD.
 LSD 27.00 FT NGVD.
 HIGHEST WATER LEVEL 31.93 BELOW LSD, FEB. 3, 1955,
 LOWEST WATER LEVEL 112.25 BELOW LSD, OCT. 18, 1974.
 RECORDS AVAILABLE 1955, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	85.60	APR. 15, 1983	73.10				

302851091145801 LOCAL WELL NUMBER: WBR-74

OWNER: MISSOURI PACIFIC RAILROAD. (SEC. 89, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, ESTIMATED DEPTH 175 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 0.86 FT ABOVE LSD. WELL DESTROYED 10/31/83.
LSD 24.00 FT NGVD.

HIGHEST WATER LEVEL 10.56 ABOVE LSD, MAY 21, 1979,
LOWEST WATER LEVEL 18.92 BELOW LSD, JAN. 26, 1981.
RECORDS AVAILABLE 1958, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 2, 1983	+0.46	APR. 18, 1983	+4.61	JULY 18, 1983	3.74		

302546091131402 LOCAL WELL NUMBER: WBR-97B

OWNER: MRS. HUGHES. (SEC. 70, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,200 FT, SCREENED 2,170-2,200. MP TOP EDGE OF 1/2-IN HOLE IN CAP, 0.92 FT ABOVE LSD.
LSD 17.00 FT NGVD.

HIGHEST WATER LEVEL 26.50 ABOVE LSD, JULY 22, 1964,
LOWEST WATER LEVEL 67.68 BELOW LSD, JULY 19, 1979.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	57.63	FEB. 2, 1983	65.48	MAY 18, 1983	60.63	JULY 18, 1983	64.83
DEC. 28	62.28	APR. 15	60.83				

302652091121401 LOCAL WELL NUMBER: WBR-100A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,888 FT, SCREENED 1,884-1,888. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 29.00 FT NGVD.

HIGHEST WATER LEVEL 58.30 BELOW LSD, MAY 6, 1966,
LOWEST WATER LEVEL 129.12 BELOW LSD, DEC. 20, 1976.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	124.10	FEB. 2, 1983	122.10	APR. 15, 1983	120.05	JULY 18, 1983	120.10
DEC. 28	117.70						

302652091121402 LOCAL WELL NUMBER: WBR-100B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,448 FT, SCREENED 2,444-2,448. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 29.00 FT NGVD.

HIGHEST WATER LEVEL 87.97 BELOW LSD, MAY 17, 1966,
LOWEST WATER LEVEL 169.38 BELOW LSD, OCT. 23, 1980.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	154.55	FEB. 2, 1983	145.10	APR. 15, 1983	141.20	JULY 18, 1983	138.85
DEC. 28	151.30						

302726091145501 LOCAL WELL NUMBER: WBR-101

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 91, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,367 FT, SCREENED 1,363-1,367. MP TOP OF 3/8-IN HOLE IN CAP, 1.02 FT ABOVE LSD.
LSD 19.00 FT NGVD.

HIGHEST WATER LEVEL 59.55 BELOW LSD, APR. 29, 1966,
LOWEST WATER LEVEL 79.73 BELOW LSD, OCT. 26, 1972.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	67.23	FEB. 2, 1983	65.63	MAR. 28, 1983	62.58	JULY 18, 1983	63.78
DEC. 29	64.88						

See footnotes at end of table.

GROUND-WATER LEVELS
WEST BATON ROUGE PARISH

302806091172601 LOCAL WELL NUMBER: WBR-102A

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,288 FT, SCREENED 1,284-1,288. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.35 FT ABOVE LSD.
LSD 18.00 FT NGVD.
HIGHEST WATER LEVEL 43.16 BELOW LSD, MAY 6, 1966,
LOWEST WATER LEVEL 62.37 BELOW LSD, OCT. 26, 1972.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	53.15	DEC. 29, 1982	50.55	APR. 18, 1983	47.50		

302806091172602 LOCAL WELL NUMBER: WBR-102B

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,100 FT, SCREENED 2,096-2,100. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.35 FT ABOVE LSD.
LSD 18.00 FT NGVD.
HIGHEST WATER LEVEL 63.89 BELOW LSD, APR. 22, 1966,
LOWEST WATER LEVEL 189.22 BELOW LSD, SEP. 25, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	165.90	DEC. 29, 1982	158.30	APR. 18, 1983	154.50		

302703091133703 LOCAL WELL NUMBER: WBR-106

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 2,017 FT, SCREENED 2,012-2,017. MP TOP EDGE OF 3/4-IN AIRLINE (REMOVE CASING EXTENSION), 2.08 FT ABOVE LSD.
LSD 22.00 FT NGVD.
HIGHEST WATER LEVEL 166.62 BELOW LSD, JULY 28, 1966,
LOWEST WATER LEVEL 288.20 BELOW LSD, NOV. 8, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	243.22	FEB. 2, 1983	237.02	MAR. 28, 1983	232.12	JULY 18, 1983	234.42
DEC. 29	249.92						

302853091150201 LOCAL WELL NUMBER: WBR-146

OWNER: U. S. GEOL. SURVEY. (SEC. 119, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 1/2 IN, DEPTH 472 FT, SCREENED 462-472. MP TOP OF 2 1/2-IN COLLAR, AT LSD.
LSD 25.00 FT NGVD.
HIGHEST WATER LEVEL 10.54 ABOVE LSD, APR. 27, 1979,
LOWEST WATER LEVEL 20.40 BELOW LSD, JAN. 26, 1981.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	16.90	FEB. 2, 1983	1.40	APR. 18, 1983	+1.70	JULY 18, 1983	5.65

302559091122001 LOCAL WELL NUMBER: WBR-147

OWNER: U. S. GEOL. SURVEY. (SEC. 70, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 1/2 IN, DEPTH 1,292 FT, SCREENED 1,282-1,292. MP TOP OF 2 1/2-IN COLLAR, 1.23 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 30.87 BELOW LSD, APR. 15, 1983,
LOWEST WATER LEVEL 45.37 BELOW LSD, MAY 8, 1980.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	36.32	DEC. 30, 1982	32.17	APR. 15, 1983	30.87		

See footnotes at end of table.

WEST BATON ROUGE PARISH

302702091185101 LOCAL WELL NUMBER: WBR-148

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 7S., R. 11E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 1/2 IN, DEPTH 1,304 FT, SCREENED 1,294-1,304. MP TOP OF 2 1/2-IN CASING, AT LSD.
 LSD 14.00 FT NGVD.
 HIGHEST WATER LEVEL 42.75 BELOW LSD, APR. 15, 1983,
 LOWEST WATER LEVEL 53.60 BELOW LSD, SEP. 8, 1978.
 RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	47.20	FEB. 2, 1983	44.75	APR. 15, 1983	42.75	JULY 18, 1983	43.55
DEC. 27	44.80						

302958091124801 LOCAL WELL NUMBER: WBR-160

OWNER: WEST BATON ROUGE GAS AND WATER SYSTEM. (SEC. 50, T. 6S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 840 FT, SCREENED 830-840. MP 1/2-IN HOLE IN TOP OF CAP, 2.40 FT ABOVE LSD.
 LSD 26.00 FT NGVD.
 HIGHEST WATER LEVEL 47.10 BELOW LSD, JULY 15, 1980,
 LOWEST WATER LEVEL 112.70 BELOW LSD, OCT. 9, 1981.
 RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	90.80C	FEB. 2, 1983	89.45C	MAR. 28, 1983	73.15	JULY 18, 1983	78.25

302958091124802 LOCAL WELL NUMBER: WBR-161

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 650 FT, SCREENED 640-650. MP HOLE IN TOP OF CAP, 2.00 FT ABOVE LSD.
 LSD 26.00 FT NGVD.
 HIGHEST WATER LEVEL 36.98 BELOW LSD, APR. 22, 1982,
 LOWEST WATER LEVEL 63.75 BELOW LSD, SEP. 19, 1979.
 RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1982	52.15	FEB. 2, 1983	43.20	MAR. 28, 1983	43.70	JULY 18, 1983	48.55

WEST FELICIANA PARISH

305643091341201 LOCAL WELL NUMBER: WF-22D

OWNER: LA. STATE PENITENTIARY. (SEC. 53, T. 1S., R. 5W.) DRILLED UNUSED ARTESIAN WELL IN ZONF 3 AQUIFER OF MIOCENE AGE, DIAM 12 TO 8 IN, DEPTH 907 FT, SCREENED 847-907. MP (FLOWING CONDITIONS) TOP OF IRON COVER PLATE, 0.50 FT ABOVE LSD. MP (NONFLOWING CONDITIONS) TOP OF 3/4-IN X 1 1/2-IN BUSHING, 0.69 FT ABOVE LSD.
 LSD 60.00 FT NGVD.
 HIGHEST WATER LEVEL 15.90 ABOVE LSD, APR. 3, 1959,
 LOWEST WATER LEVEL 9.98 BELOW LSD, OCT. 7, 1981.
 RECORDS AVAILABLE 1956, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	9.82	APR. 4, 1983	6.47				

305633091341601 LOCAL WELL NUMBER: WF-40

OWNER: LA. STATE PENITENTIARY. (SEC. 24, T. 1S., R. 5W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN ZONE 2 AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 632 FT, SCREENED 549-632. MP TOP INSIDE EDGE OF 2-IN ELBOW ATOP CASING, 2.85 FT ABOVE LSD.
 LSD 50.00 FT NGVD.
 HIGHEST WATER LEVEL 23.90 ABOVE LSD, MAY 8, 1958,
 LOWEST WATER LEVEL 7.11 BELOW LSD, OCT. 7, 1981.
 RECORDS AVAILABLE 1956, 1958-59, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	7.01	APR. 4, 1983	4.13				

See footnotes at end of table.

GROUND-WATER LEVELS

WEST FELICIANA PARISH

304935091221001 LOCAL WELL NUMBER: WF-188

OWNER: U. S. GEOL. SURVEY. (SEC. 69, T. 2S., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 55 FT, SCREENED 52-55. MP TOP OF 1 1/4-IN CASING, 0.20 FT ABOVE LSD.
 LSD 117.00 FT NGVD.
 HIGHEST WATER LEVEL 12.44 BELOW LSD, APR. 28, 1980,
 LOWEST WATER LEVEL 16.68 BELOW LSD, JULY 9, 1963.
 RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	15.54	APR. 4, 1983	14.02				

304704091223801 LOCAL WELL NUMBER: WF-222

OWNER: TOWN OF ST. FRANCISVILLE. (SEC. 68, T. 3S., R. 3W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 IN, DEPTH 1526 FT, SCREENED 1446-1526. MP TOP EDGE OF UNION, 0.93 FT ABOVE LSD.
 LSD 140.00 FT NGVD.
 HIGHEST WATER LEVEL 59.64 BELOW LSD, APR. 16, 1962,
 LOWEST WATER LEVEL 133.95 BELOW LSD, JAN. 27, 1982.
 RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 8, 1982	115.00	JAN. 19, 1983	110.51	APR. 4, 1983	110.29	JULY 21, 1983	112.05

- + Above land-surface datum.
- B Well pumped recently.
- C Nearby well or wells being pumped.
- H Tape measurement (recorder).
- J Recorder measurement for a time other than noon.

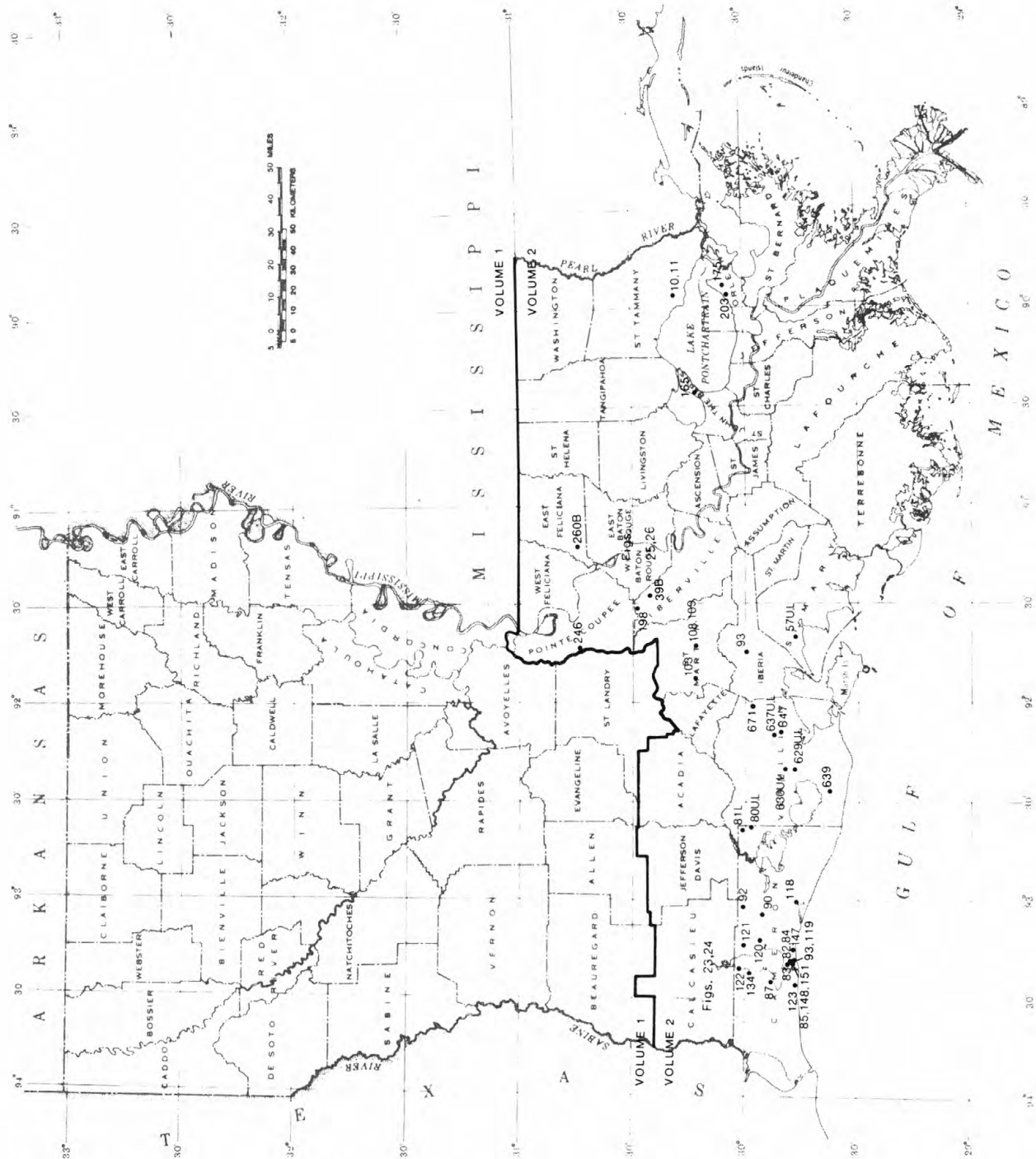


Figure 22.--Location of wells for which water-quality data are included in this report.

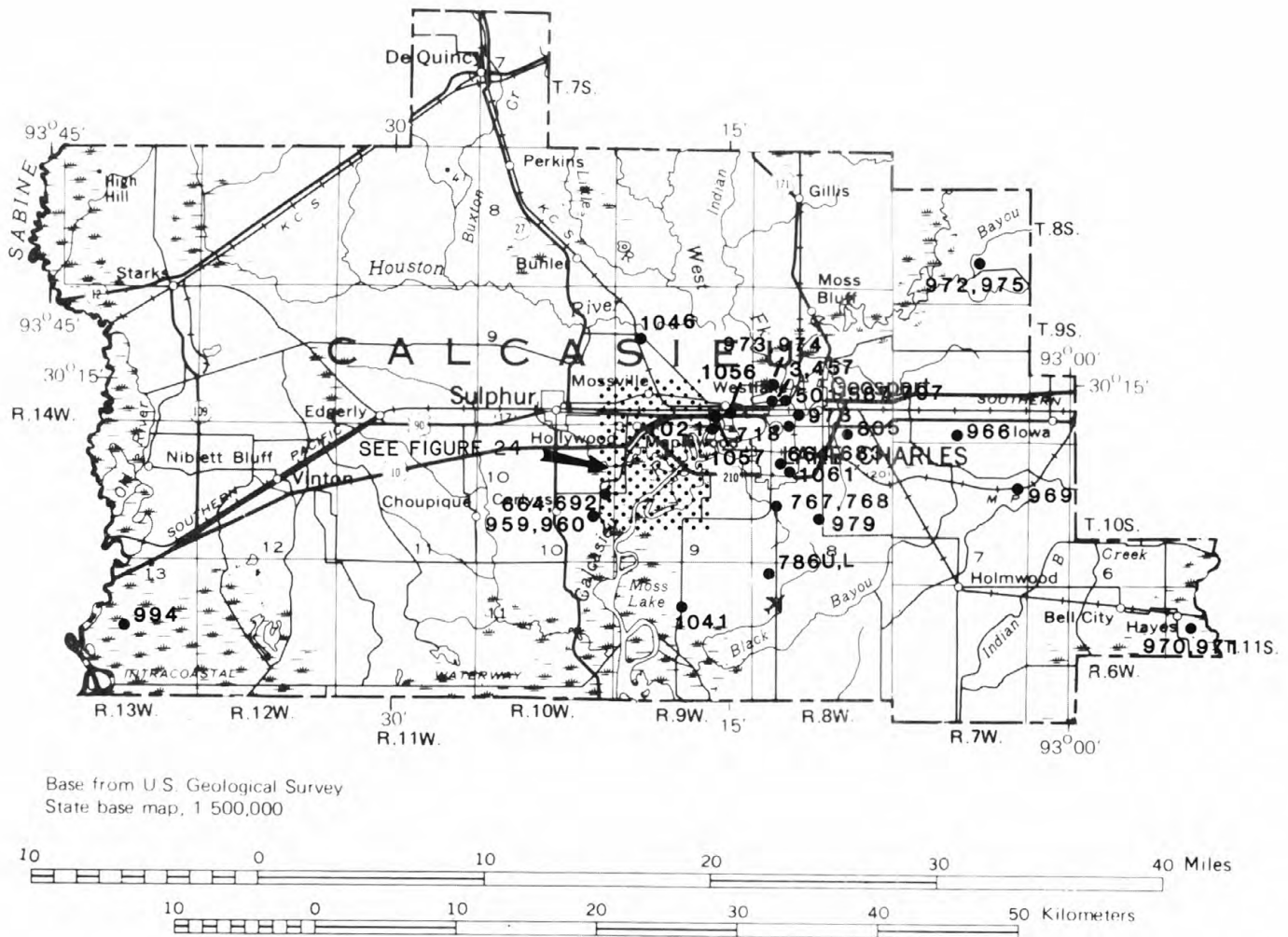


Figure 23.--Location of wells for which water-quality data are included, Calcasieu Parish, except for wells located in the shaded area (see fig. 24).

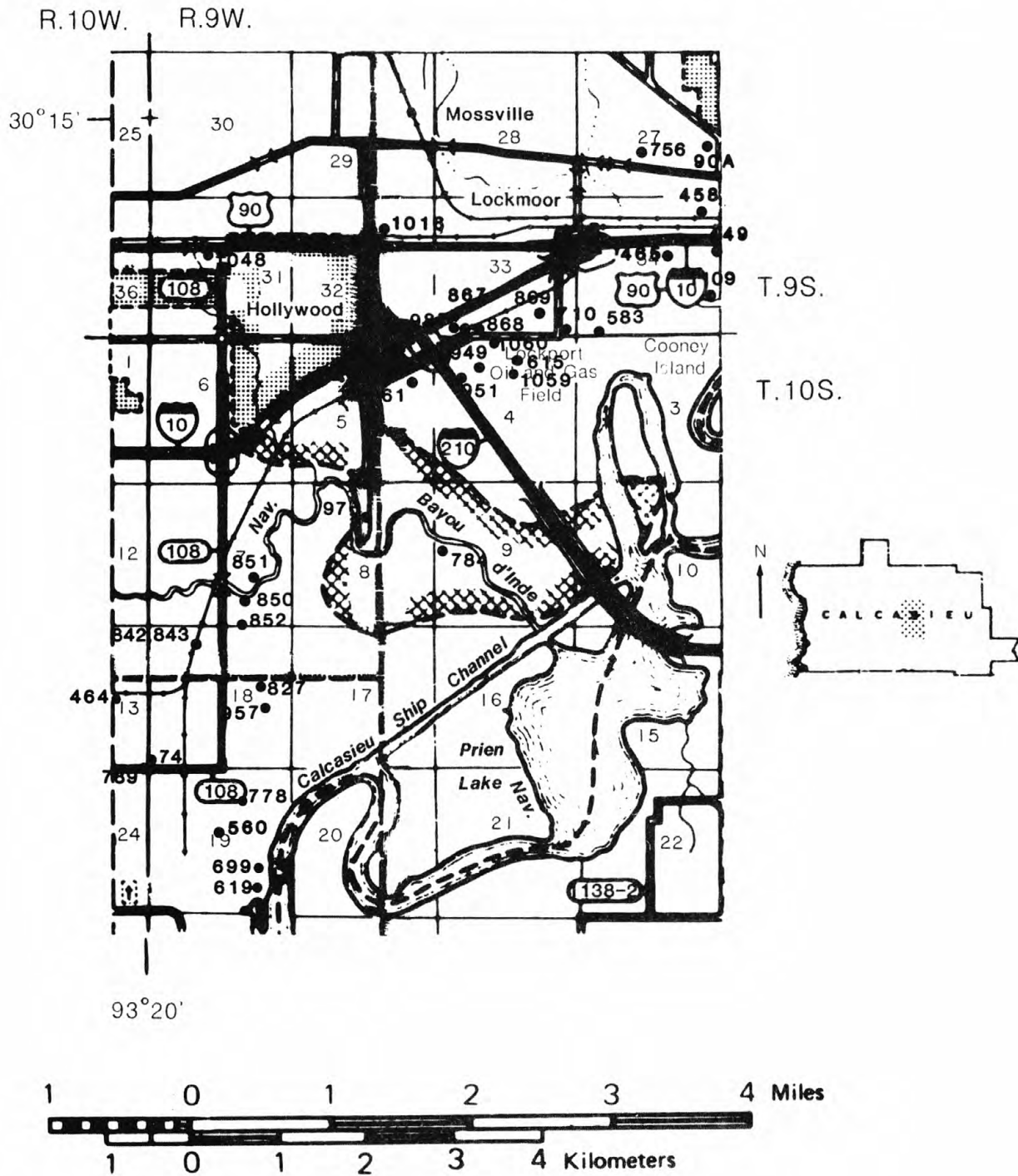


Figure 24.--Location of wells for which water-quality data are included in the shaded area shown in figure 23, Calcasieu Parish.

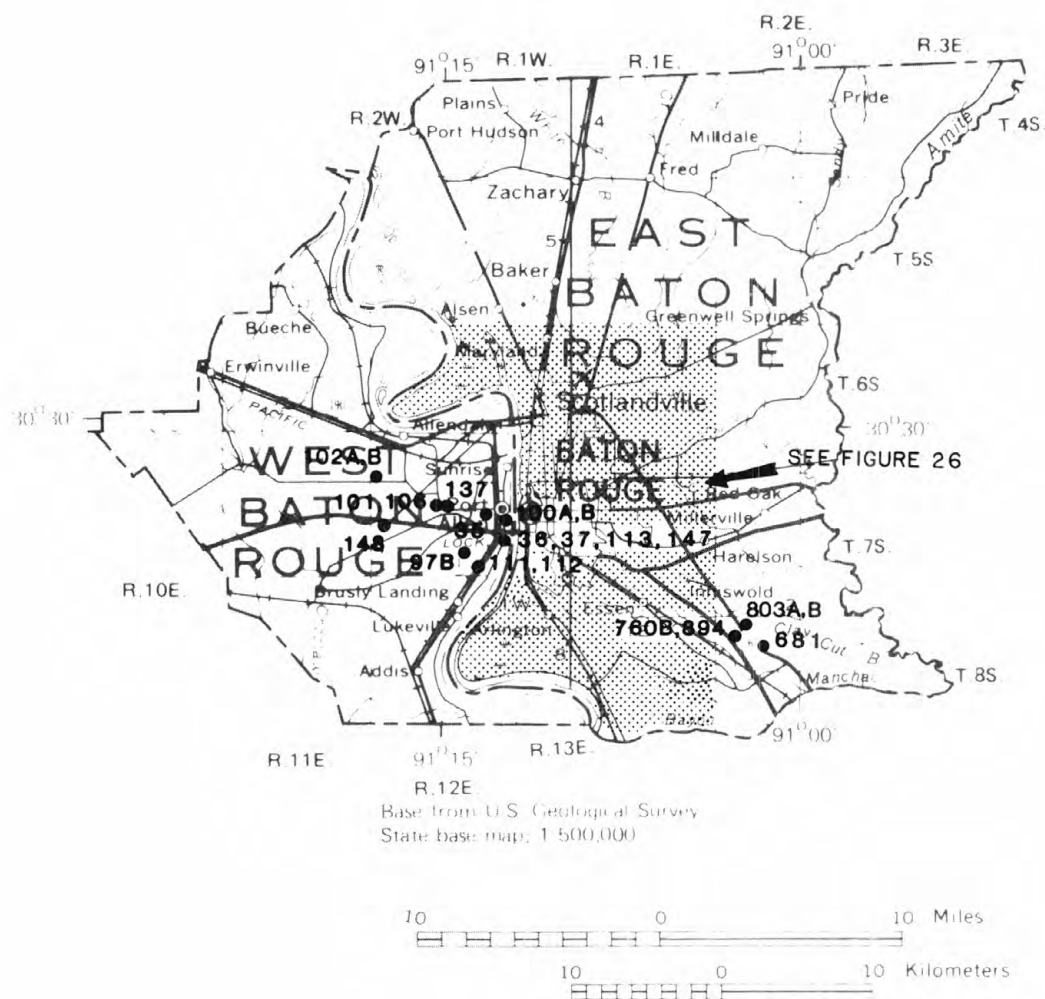
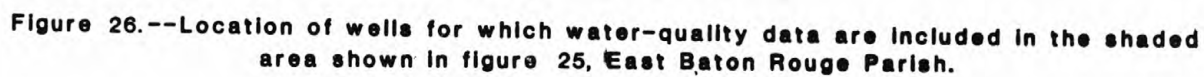


Figure 25.--Location of wells for which water-quality data are included, East Baton Rouge and West Baton Rouge Parishes, except for wells located in the shaded area (see fig. 26).



QUALITY OF GROUND WATER

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1982 TO SEPTEMBER 1983

WELL NO.	LOCATION			STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE, LAB (UMHOS)	HARD-NESS (MG/L AS CaCO3)	CALCIUM, DIS-SOLVED (MG/L AS Ca)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg)	CHLO-RIDE, DIS-SOLVED (MG/L AS Cl)
	T.	R.	SEC.									
CALCASIEU PARISH												
CU- 3	9S	8W	31	301425093130501	11207LC	686	83-06-02	623	--	--	--	110
CU- 74	10S	9W	18	301107093200101	11205LC	545	83-06-16	392	--	--	--	28
CU- 90A	9S	9W	27	301438093160902	11205LC	584	83-06-17	325	--	--	--	31
CU- 449	9S	9W	34	301411093160101	11205LC	517	83-06-02	361	--	--	--	32
CU- 457	9S	8W	31	301424093125301	11207LC	697	83-05-29	511	--	--	--	78
CU- 458	9S	9W	34	301422093160601	11205LC	509	83-06-02	440	--	--	--	54
CU- 464	10S	10W	13	301129093202001	11205LC	530	83-06-12	366	--	--	--	26
CU- 465	9S	9W	34	301407093161701	11205LC	520	83-06-02	527	--	--	--	80
CU- 501	9S	8W	32	301425093124201	11207LC	687	83-06-02	708	--	--	--	130
CU- 560	10S	9W	19	301035093193401	11205LC	563	83-06-12	651	--	--	--	95
CU- 583	10S	9W	3	301321093165202	11207LC	669	83-06-03	546	--	--	--	78
CU- 587	9S	8W	31	301428093131201	11207LC	626	83-06-02	597	--	--	--	100
CU- 615	10S	9W	4	301338093172801	11205LC	533	83-06-03	653	--	--	--	110
CU- 619	10S	9W	19	301035093191101	11205LC	586	83-06-12	412	--	--	--	23
CU- 661	10S	8W	8	301154093123801	11207LC	729	83-05-28	979	--	--	--	200
CU- 664	10S	10W	13	301115093203601	11205LC	501	83-06-12	385	--	--	--	26
CU- 683	10S	8W	8	301155093123801	11205LC	497	83-05-29	423	--	--	--	28
CU- 692	10S	10W	13	301112093201601	11205LC	560	83-06-12	400	--	--	--	28
CU- 699	10S	9W	19	301027093191501	11205LC	530	83-06-12	479	--	--	--	40
CU- 710	9S	9W	34	301343093165201	11207LC	686	83-06-03	841	--	--	--	170
CU- 718	9S	8W	31	301420093130701	11205LC	500	83-06-09	569	--	--	--	80
CU- 756	9S	9W	27	301452093163901	11205LC	530	83-06-17	413	--	--	--	48
CU- 767	10S	8W	20	301036093124401	11207LC	850	83-07-15	2850	--	--	--	780
CU- 768	10S	8W	20	301036093124402	11202LC	306	83-07-22	401	--	--	--	18
CU- 778	10S	9W	19	301046093191202	11205LC	525	83-06-05	981	--	--	--	190
CU- 784	10S	9W	9	301218093175803	11205LC	532	83-06-09	466	--	--	--	50
CU- 786L	11S	8W	6	300820093131904	11207LC	880	83-07-13	1490	--	--	--	340
CU- 786U	11S	8W	6	300820093131903	11207LC	840	83-07-13	901	--	--	--	170
CU- 789	10S	9W	19	301100093200001	11207LC	640	83-06-06	1070	--	--	--	220
CU- 797	9S	8W	31	301424093131001	11205LC	503	83-05-29	390	--	--	--	37
CU- 805	10S	8W	2	301313093094401	11205LC	518	83-05-29	582	--	--	--	90
CU- 827	10S	9W	18	301134093191101	11205LC	560	83-06-05	877	--	--	--	170
CU- 842	10S	9W	18	301148093193201	11205LC	575	83-06-07	1650	--	--	--	380
CU- 843	10S	9W	18	301148093193202	11202LC	205	83-06-07	485	--	--	--	44
CU- 850	10S	9W	7	301200093191901	11205LC	548	83-06-10	1590	--	--	--	380
CU- 851	10S	9W	7	301213093191701	11205LC	555	83-06-10	1660	--	--	--	400
CU- 852	10S	9W	7	301153093192101	11205LC	560	83-06-10	1510	--	--	--	350
CU- 861	10S	9W	5	301330093181701	11202LC	225	83-06-05	399	--	--	--	18
CU- 867	9S	9W	33	301351093173001	11205LC	500	83-06-03	4010	--	--	--	44
CU- 868	9S	9W	33	301340093174101	11205LC	520	83-06-03	450	--	--	--	47
CU- 869	9S	9W	33	301349093171501	11205LC	526	83-06-03	721	--	--	--	130
CU- 949	10S	9W	4	301334093175301	11205LC	504	83-06-05	429	--	--	--	50
CU- 951	10S	9W	4	301328093175701	11205LC	500	83-06-05	533	--	--	--	73
CU- 957	10S	9W	18	301120093191002	11205LC	500	83-06-05	613	--	--	--	88
CU- 959	10S	10W	24	301031093204901	11207LC	733	83-06-06	759	--	--	--	130
CU- 960	10S	10W	24	301031093204902	11205LC	598	83-06-06	497	--	--	--	66
CU- 966	9S	7W	33	301350093045001	11202LC	235	83-06-21	1090	--	--	--	190
CU- 969	10S	7W	12	301117093021601	11202LC	190	83-06-21	1250	--	--	--	140
CU- 970	11S	5W	18	300534092564401	11205LC	780	83-06-21	2830	--	--	--	660
CU- 971	11S	5W	18	300534092564402	112CHCT	500	83-06-21	1400	--	--	--	280
CU- 972	8S	7W	27	301941093035601	11207LC	595	83-06-09	1050	--	--	--	230
CU- 973	9S	8W	30	301601093130601	11207LC	661	83-06-08	916	--	--	--	180
CU- 974	9S	8W	30	301601093130602	11205LC	466	83-06-08	320	--	--	--	26
CU- 975	8S	7W	27	301941093035602	11202LC	237	83-06-09	1160	--	--	--	260
CU- 976	10S	9W	8	301129093183001	11205LC	550	83-07-19	1020	--	--	--	210
CU- 978	9S	8W	32	301409093120301	11207LC	645	83-06-02	348	--	--	--	35
CU- 979	10S	8W	28	301005093110401	11205LC	555	83-07-20	423	--	--	--	25
CU- 987	9S	9W	33	301341093174801	11202LC	200	83-06-05	397	--	--	--	22
CU- 994	11S	13W	14	300634093400401	11207LC	757	83-06-27	825	--	--	--	150
CU-1016	9S	9W	29	301456093182401	11205LC	425	83-06-17	374	--	--	--	39
CU-1021	9S	9W	26	301435093154601	11205LC	487	83-06-08	315	--	--	--	28
CU-1041	11S	9W	9	300702093165801	11205LC	560	83-06-20	438	--	--	--	30
CU-1046	9S	9W	7	301711093190402	11207LC	688	83-06-08	383	--	--	--	52
CU-1048	9S	9W	31	301410093193301	11207LC	705	83-06-07	484	--	--	--	59
CU-1056	9S	9W	35	301406093155202	11205LC	505	83-06-02	542	--	--	--	76

1/See explanation of geologic unit (aquifer) at end of table.

WELL NO.	LOCATION			STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE, LAB (UMHOS)	HARD-NESS (MG/L AS CACO3)	CALCIUM, DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
	T.	R.	SEC.									
CALCASIEU PARISH--Continued												
CU-1057	9S	9W	35	301405093153602	11205LC	510	83-06-02	410	--	--	--	44
CU-1059	10S	9W	4	301329093171402	11202LC	200	83-06-03	472	--	--	--	22
CU-1060	10S	9W	4	301339093173101	11202LC	200	83-06-03	440	--	--	--	22
CU-1061	10S	8W	8	301156093123901	11205LC	495	83-05-28	419	--	--	--	30
CU-1109	9S	9W	35	301356093160101	11205LC	500	83-06-02	398	--	--	--	36
CAMERON PARISH												
CN- 80L	12S	3W	24	295846092381105	112CHCTU	481	83-08-23	1220	--	--	--	250
CN- 80U	12S	3W	24	295846092381104	112CHCTU	453	83-08-23	1240	--	--	--	240
CN- 81L	12S	3W	11	300125092382504	112CHCTU	478	83-08-23	1760	--	--	--	400
CN- 82	14S	9W	31	294742093191502	112CHCTU	251	83-07-01	1810	--	--	--	370
CN- 83	14S	9W	31	294756093192702	11205LC	277	83-07-01	2320	--	--	--	520
CN- 84	14S	9W	32	294747093185002	112CHCTU	244	83-07-01	1620	--	--	--	310
CN- 85	15S	9W	12	294715093182202	112CHCTU	300	83-07-01	1700	--	--	--	330
CN- 87	13S	10W	32	295324093240602	11205LC	804	83-06-29	5230	--	--	--	1500
CN- 90	13S	7W	4	295611093044801	112CHCTU	396	83-07-20	956	--	--	--	160
CN- 92	12S	7W	12	300104093015601	112CHCTU	443	83-07-20	1820	--	--	--	410
CN- 93	15S	9W	16	294709093174301	112CHCTU	360	83-06-29	1420	--	--	--	260
CN- 118	15S	6W	5	294615093004201	11202LC	638	83-06-29	2920	--	--	--	760
CN- 119	15S	9W	16	294709093174302	11205LC	910	83-06-29	3340	--	--	--	860
CN- 120	13S	8W		295721093115701	11205LC	764	83-06-20	1110	--	--	--	210
CN- 121	12S	8W	18	300040093161801	112CHCTU	691	83-06-20	1130	--	--	--	220
CN- 122	12S	10W	12	300140093202201	11205LC	920	83-06-28	1230	--	--	--	230
CN- 123	15S	10W	21	294557093223601	112CHCT	236	83-06-29	2150	--	--	--	440
CN- 134	12S	10W	47	295839093203501	112CHCTU	710	83-06-29	1430	--	--	--	300
CN- 147	14S	9W	31	294813093191701	112CHCTU	260	83-07-01	1700	--	--	--	320
CN- 148	15S	9W	7	294651093191301	112CHCTU	270	83-07-01	1790	--	--	--	330
CN- 151	15S	9W	2	294712093195001	112CHCTU	280	83-07-01	1590	--	--	--	290
EAST BATON ROUGE PARISH												
EB- 151	7S	1E	82	302641091085801	12223BR	2658	82-11-05	349	2	--	--	1.8
EB- 298	7S	1E	81	302638091090801	12112BR	1387	83-01-04	383	3	--	--	1.4
EB- 413	7S	1E	81	302642091083201	12115BR	1745	82-11-05	319	2	--	--	2.4
EB- 434	7S	1W	49	302619091104003	11206BR	611	82-12-03	523	33	--	--	76
EB- 500	7S	1W	46	302654091101101	11206BR	710	82-12-22	11200	1900	--	--	3800
EB- 569	7S	1W	65	302312091111701	12115BR	2170	82-11-05	1830	15	--	--	390
EB- 575	8S	1W	68	302149091101401	12220BR	2500	82-11-05	1110	3	--	--	220
EB- 621	7S	1E	39	302500091052501	12112BR	1487	82-11-05	442	9	--	--	33
							83-05-20	321	5	1.1	.5	4.4
EB- 674	7S	1W	48	302656091101301	12220BR	2250	82-12-22	380	1	--	--	5.0
EB- 681	8S	2E	50	302147091012301	112SLBR	289	82-11-05	745	86	--	--	13
EB- 725	7S	1E	43	302431091074601	11204BR	598	82-11-05	401	10	--	--	32
EB- 733	7S	1E	81	302647091083301	12223BR	2637	82-11-05	336	2	--	--	2.2
							83-03-15 ^{2/}	339	0	--	--	.6
EB- 750	6S	1W	75	303141091114801	12228BR	2643	82-11-05	695	4	--	--	47
EB- 760B	8S	2E	5	302250091021202	11204BR	640	82-11-05	762	13	--	--	130
EB- 771	7S	1E	81	302646091083801	12115BR	1739	82-11-05	313	2	--	--	3.0
EB- 778	7S	1E	94	302509091082701	12220BR	2586	82-11-29	993	4	--	--	150
EB- 780A	7S	1E	94	302509091082702	12112BR	1622	82-11-29	2860	110	--	--	810
EB- 780B	7S	1E	94	302509091082703	12115BR	1913	82-11-29	1660	9	--	--	350
EB- 781	7S	1E	94	302535091090401	12220BR	2286	82-12-01	6130	120	--	--	1900
EB- 782A	7S	1E	94	302535091090402	12110BR	1189	82-12-01	1860	18	--	--	470
EB- 782B	7S	1E	94	302535091090403	12115BR	1681	82-12-01	2260	84	--	--	610
							83-05-17	2130	90	27	5.5	620
EB- 783A	7S	1W	54	302502091113601	12115BR	2179	82-12-02	581	4	--	--	71
EB- 783B	7S	1W	54	302502091113602	12220BR	2675	82-12-02	3330	8	--	--	760
EB- 789A	7S	1E	93	302511091070401	11204BR	711	82-12-02	1200	28	--	--	270
EB- 789B	7S	1E	93	302511091070402	12115BR	1721	82-12-02	3770	150	--	--	1100
							83-05-18	3950	160	56	5.6	1200
EB- 792B	7S	1E	95	302605091080602	12220BR	2286	82-11-29	384	3	--	--	1.0

1/See explanation of geologic unit (aquifer) at end of table.

2/Temperature, 28.0°C; pH, 8.5; alkalinity (field), 161 mg/L.

WELL NO.	LOCATION			STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE, LAB (UMHOS)	HARD-NESS (MG/L AS CaCO3)	CALCIUM, DIS-SOLVED (MG/L AS Ca)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg)	CHLO-RIDE, DIS-SOLVED (MG/L AS Cl)
	T.	R.	SEC.									
EAST BATON ROUGE PARISH--Continued												
EB- 793	7S	1W	71	302719091103201	11206BR	687	82-12-22	324	4	--	--	2.2
EB- 794	7S	1W	52	302559091110801	12224BR	2709	83-05-18 82-12-03	332 510	3 47	1.0	--	2.0 14
EB- 798	6S	1W	39	303133091103101	12228BR	2647	83-05-19 82-11-05	531 289	50 2	11	5.5	16 4.8
EB- 803A	8S	2E	5	302306091022601	12115BR	1975	82-11-24	798	3	--	--	75
EB- 803B	8S	2E	5	302306091022602	12220BR	2565	82-11-22	2090	26	--	--	510
EB- 804A	7S	1E	70	302428091035001	12117BR	1950	82-11-24	378	2	--	--	1.4
EB- 804B	7S	1E	70	302428091035002	12224BR	2762	82-11-24	412	2	--	--	2.2
EB- 805	7S	1E	70	302428091035003	12110BR	1072	82-11-24	16700	2200	--	--	5900
EB- 806B	7S	1W	72	302702091103902	12224BR	2579	83-05-17 82-12-23	16900 352	2100 6	600	160	6000 1.6
EB- 807A	7S	1E	96	302611091091201	12115BR	1713	82-12-01	5620	190	--	--	1700
EB- 807B	7S	1E	96	302611091091202	12220BR	2264	83-05-17 82-12-01	5910 387	210 4	64	13	1800 9.4
EB- 815	7S	1E	52	302425091062301	11204BR	645	83-05-17 82-11-05	394 365	5 8	1.7	.1	9.4 19
EB- 816	7S	1E	62	302534091054501	11204BR	520	82-11-05	308	3	--	--	5.4
EB- 817	7S	1W	74	302644091101801	12220BR	2284	83-01-24	302	3	--	--	5.2
EB- 822	7S	1W	54	302510091105003	11204BR	573	82-12-01	2840	340	--	--	810
EB- 870	7S	1W	44	302729091100601	11206BR	692	82-12-27 83-05-19	291 294	16 16	-- 4.5	-- 1.2	2.4 1.4
EB- 894	8S	2E	5	302251091021201	112SLBR	519	82-11-05	373	14	--	--	12
EB- 917	7S	1E	95	302614091083001	12115BR	1736	82-11-30 83-05-18	299 308	0 1	-- --	-- --	2.6 2.0
EB- 918	7S	1E	91	302547091074401	12115BR	1834	82-12-02 83-05-19	313 317	4 3	-- --	-- --	2.2 2.2
EB-1000	6S	1W	69	303251091115001	12228BR	2926	82-12-27	819	0	--	--	93
EB-1028	7S	1W	53	302605091100901	12220BR	2238	82-12-27 83-05-23	652 666	4 2	-- --	-- --	86 90
IBERIA PARISH												
I- 93	12S	7E	5	300035091443301	112CHCTU	585	83-08-31	966	--	--	--	110
IBERVILLE PARISH												
IB- 39B	7S	10E	38	302520091261501	12220BR	2504	82-12-21	1220	10	--	--	240
IB- 198	7S	9E	29	302926091310401	12224BR	2246	83-01-12	441	2	--	--	2.2
ORLEANS PARISH												
OR- 175	11S	14E	38	300525089464001	112GZNO	449	83-01-06	730	19	--	--	44
OR- 203	11S	13E	30	300349089562401	112GZNO	453	83-01-06	1670	26	--	--	330
POINTE COUPEE PARISH												
PC- 246	4S	7E	11	304132091442101	112ACFL	210	82-10-28	772	--	--	--	130
ST. JOHN THE BAPTIST PARISH												
SJB- 165	10S	8E	5	301247090245901	12203FP	3000	83-01-06	837	2	--	--	61
ST. MARTIN PARISH												
SMN- 103	9S	6E	88	301308091521001	112ACFL	145	83-08-31	612	--	--	--	8.5
SMN- 108	9S	7E	36	301304091424001	112CHCTU	505	83-08-31	1830	--	--	--	310
SMN- 109	9S	7E	36	301304091424002	112CHCTU	375	83-08-31	1120	--	--	--	100
ST. MARY PARISH												
SM- 57L	14S	8E	27	294749091402302	112CHCTU	738	83-08-31	5350	--	--	--	1500
SM- 57U	14S	8E	27	294749091402301	112CHCTU	638	83-08-31	1140	--	--	--	180

1/See explanation of geologic unit (aquifer) at end of table.

WELL NO.	LOCATION				STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPECIFIC CONDUCTANCE, LAB (UMHOS)	HARDNESS (MG/L AS CACO3)	CALCIUM, DIS-SOLVED (MG/L AS CA)	MAGNESIUM, DIS-SOLVED (MG/L AS MG)	CHLORIDE, DIS-SOLVED (MG/L AS CL)
	T.	R.	SEC.										
VERMILION PARISH													
VE- 629L	14S	1E	23	294825092202005	112CHCTU	487	83-08-24	1280	--	--	--	--	230
VE- 629U	14S	1E	23	294825092202004	112CHCTU	457	83-08-24	1070	--	--	--	--	160
VE- 630L	14S	1E	10	295031092203203	112CHCTU	528	83-08-24	1950	--	--	--	--	420
VE- 630U	14S	1E	10	295031092203202	112CHCTU	498	83-08-24	1060	--	--	--	--	130
VE- 637L	13S	3E	15	295345092100703	112CHCTU	243	83-08-24	2610	--	--	--	--	650
VE- 637U	13S	3E	15	295345092100702	112CHCTU	198	83-08-24	1130	--	--	--	--	180
VE- 639	16S	1W	2	293845092264901	112CHCTU	608	83-08-24	1520	--	--	--	--	300
VE- 647	14S	3E	3	295058092091401	112CHCT	76	83-09-01	2700	--	--	--	--	700
WEST BATON ROUGE PARISH													
WBR- 35	7S	12E	68	302657091124201	12112BR	1290	82-11-04	297	1	--	--	--	2.2
WBR- 36	7S	12E	69	302610091121101	12112BR	1360	82-11-04	815	10	--	--	--	140
							83-05-20	832	10	3.1	.5	--	140
WBR- 37	7S	12E	69	302613091121501	12112BR	1356	82-11-04	815	10	--	--	--	140
							83-05-20	793	11	3.6	.5	--	120
WBR- 97B	7S	12E	70	302546091131402	12115BR	2200	82-12-28	670	8	--	--	--	100
							83-05-18	607	8	1.4	1.0	--	81
WBR- 100A	7S	12E	68	302652091121401	12117BR	1888	82-12-28	3230	4	--	--	--	3.5
WBR- 100B	7S	12E	68	302652091121402	12224BR	2448	82-12-28	355	3	--	--	--	2.0
WBR- 101	7S	12E	91	302726091145501	12112BR	1367	82-12-29	315	1	--	--	--	.2
WBR- 102A	7S	12E	7	302806091172601	12112BR	1288	82-12-29	267	3	--	--	--	5.4
WBR- 102B	7S	12E	7	302806091172602	12220BR	2100	82-12-29	369	4	--	--	--	1.6
WBR- 106	7S	12E	93	302703091133703	12220BR	2017	82-12-29	403	2	--	--	--	1.8
WBR- 111	7S	12E	70	302550091124101	12220BR	2650	83-05-20	642	2	.6	.1	--	1.8
WBR- 112	7S	12E	70	302550091124102	12115BR	2205	82-11-04	554	4	--	--	--	60
							83-05-20	579	5	1.1	.5	--	68
WBR- 113	7S	12E	70	302547091123201	12115BR	2242	82-11-04	899	9	--	--	--	130
							83-05-20	911	11	3.9	.3	--	130
WBR- 137	7S	12E	93	302657091142101	12112BR	1330	83-01-05	286	6	--	--	--	2.8
WBR- 147	7S	12E	70	302559091122001	12110BR	1292	83-01-03	2870	41	--	--	--	740
WBR- 148	7S	11E	23	302702091185101	12112BR	1304	82-12-27	341	0	--	--	--	2.2

1/GEOLOGIC UNIT (AQUIFER):

112ACFL- Atchafalaya aquifer, Pleistocene age.
 112CHCT- Chicot aquifer, Pleistocene age.
 112CHCTU- Chicot aquifer, upper sand unit, Pleistocene age.
 112GZNO- Gonzales-New Orleans aquifer, Pleistocene age.
 112SLBR- Shallow sands of Baton Rouge area, Pleistocene age.
 11202LC- "200-foot" sand of Lake Charles area, Pleistocene age.
 11204BR- "400-foot" sand of Baton Rouge-Gonzales area, Pleistocene age.
 11205LC- "500-foot" sand of Lake Charles area, Pleistocene age.
 11206BR- "600-foot" sand of Baton Rouge-Gonzales area, Pleistocene age.
 11207LC- "700-foot" sand of Lake Charles area, Pleistocene age.
 121BGB- Big Branch aquifer (Zone 1), Pliocene age.
 121PNCLL- Lower Ponchatoula aquifer (Zone 1), Pliocene age.
 12110BR- "1000-foot" sand of Baton Rouge area, Pliocene age.
 12112BR- "1200-foot" sand of Baton Rouge area, Pliocene age.
 12115BR- "1500-foot" sand of Baton Rouge area, Pliocene age.
 12117BR- "1700-foot" sand of Baton Rouge area, Pliocene age.
 12203FP- Zone 3 Florida Parishes and Pointe Coupee Parish, Miocene age.
 12220BR- "2000-foot" sand of Baton Rouge area, Miocene age.
 12223BR- "2000-2400 foot" sands of Baton Rouge area, Miocene age.
 12224BR- "2400-foot" sand of Baton Rouge area, Miocene age.
 12228BR- "2800-foot" sand of Baton Rouge area, Miocene age.

QUALITY OF GROUND WATER

COMPLETE CHEMICAL ANALYSES FOR MISCELLANEOUS WELLS, OCTOBER 1982 TO SEPTEMBER 1983

WELL NO.	LOCATION T. R. SEC.	STATION	NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL (FEET)	DATE OF SAMPLE	TIME	SPE-CIFIC CON-DUCT-ANCE LAB, (UMHOS)	PH (STAND-ARD UNITS)	PH, LAB (STAND-ARD UNITS)
EAST FELICIANA PARISH										
EF- 260B	3S 1W 79	304411091133102	12228BR	2008	83-01-26	0930	253	--	8.0	
ST. TAMMANY PARISH										
ST- 10	8S 12E 40	301914089563501	121PNCLL	1240	83-04-22	1130	375	8.7	--	
ST- 11	8S 12E 40	301917089563701	121BGBC	1575	83-04-22	1215	4250	7.7	--	
VERMILION PARISH										
VE- 671	12S 4E 35	295707092015701	112CHCT	223	83-02-16	--	421	8.2	--	

WELL NO.	LOCATION T. R. SEC.	DATE OF SAMPLE	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS (MG/L AS CaCO3)	HARD-NESS, NONCAR-BONATE (MG/L AS CaCO3)	CALCIUM, DIS-SOLVED (MG/L AS Ca)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg)	SODIUM, DIS-SOLVED (MG/L AS Na)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)
EAST FELICIANA PARISH--Continued										
EF- 260B	3S 1W 79	83-01-26	28.5	0	25	0	7.7	1.4	50	2.6
ST. TAMMANY PARISH--Continued										
ST- 10	8S 12E 40	83-04-22	--	0	1	0	.3	.1	85	.3
ST- 11	8S 12E 40	83-04-22	--	0	69	0	16	7.1	840	3.7
VERMILION PARISH--Continued										
VE- 671	12S 4E 35	83-02-16	--	0	180	0	50	13	23	1.6

WELL NO.	LOCATION T. R. SEC.	DATE OF SAMPLE	ALKA-LINITY, LAB (MG/L AS CaCO3)	SULFATE, DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C, DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NITRATE, TOTAL (MG/L AS NO3)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
EAST FELICIANA PARISH--Continued												
EF- 260B	3S 1W 79	83-01-26	119	6.2	3.4	.30	53	191	196	.67	40	290
ST. TAMMANY PARISH--Continued												
ST- 10	8S 12E 40	83-04-22	172	11	5.1	.30	21	229	226	.16	20	0
ST- 11	8S 12E 40	83-04-22	187	.6	1200	.20	19	2240	2200	.12	40	100
VERMILION PARISH--Continued												
VE- 671	12S 4E 35	83-02-16	214	1.6	5.8	.20	33	260	256	.51	1400	380

1/See explanation of geologic unit (aquifer) at end of previous table.

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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
<i>Length</i>		
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)
<i>Area</i>		
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)
<i>Volume</i>		
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)
<i>Flow</i>		
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)
<i>Mass</i>		
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons

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