

FLOODS OF APRIL 1983 IN SOUTHERN MISSISSIPPI  
AND SOUTHEASTERN LOUISIANA

By Darrell D. Carlson and Gary D. Firda

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U.S. GEOLOGICAL SURVEY

Open-File Report 83-685

Prepared in cooperation with  
STATE, LOCAL, AND OTHER FEDERAL AGENCIES  
IN LOUISIANA AND MISSISSIPPI

Baton Rouge, Louisiana

1983

UNITED STATES DEPARTMENT OF THE INTERIOR

JAMES G. WATT, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

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For additional information  
see page 4.

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# ERRATA SHEET

U.S. Geological Survey Open-File Report 83-685: "Floods of April 1983 in southern Mississippi and southeastern Louisiana" by D. D. Carlson and G. D. Firda, 1983.

In table 2 the "greater than" (>) and "less than" (<) symbols were inadvertently omitted from the column, "Frequency (years)" for the following stations:

| <u>Page</u> | <u>Map No.</u> | <u>Station No.</u> | <u>Flood of April 1983<br/>Frequency (years)</u> |
|-------------|----------------|--------------------|--|
| 13          | 8              | 02472810           | >100   |
| 13          | 10             | 02473047           | >100   |
| 14          | 11             | 02473480           | <2   |
| 14          | 19             | 02475050           | >100   |
| 15          | 22             | 02478600           | <2   |
| 15          | 24             | 02479094           | >100   |
| 15          | 25             | 02479130           | >100   |
| 15          | 28             | 02479160           | >100   |
| 16          | 29             | 02479187           | >100   |
| 16          | 33             | 02481130           | >100   |
| 17          | 38             | 02487670           | >100   |
| 18          | 46             | 02488680           | >100   |
| 18          | 49             | 02489030           | >100   |
| 18          | 50             | 02489160           | >100   |
| 19          | 54             | 02490500           | >100   |
| 19          | 55             | 02490550           | >100   |
| 19          | 58             | 02491500           | >100   |
| 19          | 61             | 02492000           | >100   |
| 20          | 63             | 02492600           | >100   |
| 22          | 84             | 07374700           | >100   |
| 23          | 89             | 07375300           | >100   |
| 23          | 93             | 07375463           | >100   |
| 23          | 95             | 07375500           | >100   |
| 23          | 96             | 07375800           | >100   |
| 24          | 99             | 07376290           | >100   |
| 25          | 112            | 07377700           | >100   |

The flood at station number 02479138, Walls Creek tributary near Brooklyn, Miss. (map number 26), was computed to be a 100-year flood.

Baton Rouge, Louisiana  
11-21-83

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## DEFINITION OF TERMS

Terms related to streamflow characteristics described in this report are defined below:

Cubic foot per second ( $\text{ft}^3/\text{s}$ ) 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.

Discharge is the volume of water that passes a given point within a given period of time.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream upstream from the specified location.

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

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height are made and/or discharge are determined.

Recurrence interval, or frequency, of a flood is the average number of years between exceedances of a particular flood discharge. It is emphasized that this is an average interval, and does not imply that there cannot be another flood of that magnitude within a shorter time. The reciprocal of recurrence interval is the probability of having a flood of that magnitude, or greater, in any year. Recurrence intervals were determined from individual station records according to procedures described by the Water Resources Council (1981).

FACTORS FOR CONVERTING INCH-POUND UNITS TO  
UNITS OF THE INTERNATIONAL SYSTEM (SI)

| <u>Multiply</u>                               | <u>By</u> | <u>To obtain</u>                              |
|---|-----------|---|
| Length  |           |   |
| inch (in.)                                    | 25.40     | millimeter (mm)                               |
| foot (ft)                                     | 0.3048    | meter (m)                                     |
| mile (mi)                                     | 1.609     | kilometer (km)                                |
| <hr/>   |           |   |
| Area  |           |   |
| square mile (mi <sup>2</sup> )                | 2.590     | square kilometer<br>(km <sup>2</sup> )        |
| <hr/>   |           |   |
| Flow  |           |   |
| cubic foot per second<br>(ft <sup>3</sup> /s) | 0.02832   | cubic meter per<br>second (m <sup>3</sup> /s) |

FLOODS OF APRIL 1983 IN SOUTHERN MISSISSIPPI  
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By Darrell D. Carlson and Gary D. Firda

ABSTRACT

Extreme flooding occurred in April 1983 in southern Mississippi and southeastern Louisiana. The floods resulted from a near-stationary cold front, which moved slowly across Louisiana and Mississippi. Flood heights and discharges of many streams exceeded previously known maximums of record, and for many the recurrence interval of peak discharge exceeded 100 years. Combined flood damages for both States totaled in the hundreds of millions of dollars.

INTRODUCTION

Purpose and Scope

The floods of April 1983 affected an area of approximately 22,000 square miles through southern Mississippi and southeastern Louisiana. Figure 1 shows the general area affected by these floods.

The purpose of this report is to present peak stage and discharge data for gaging stations and miscellaneous sites in the flood area. Rainfall data for some rain gages in the area are also included. All data are provisional and subject to review and revision.

ACKNOWLEDGMENTS

Precipitation data were provided by the Department of Commerce, National Weather Service. Streamflow data were collected and compiled by many individuals in the U.S. Geological Survey district offices in Mississippi and Louisiana.

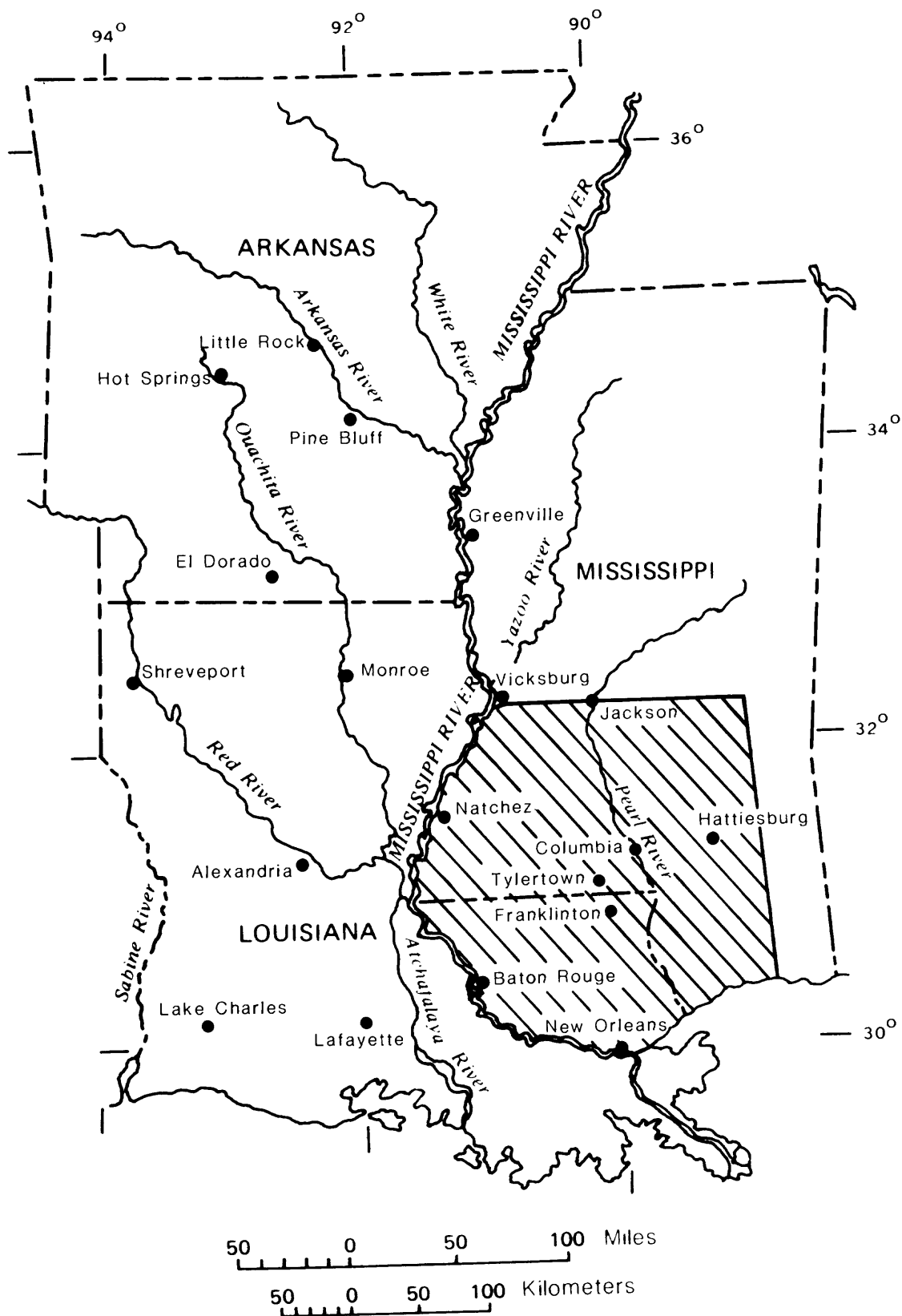


Figure 1.--Area affected by flood of April 1983.

## STORM CHARACTERISTICS

The near-stationary cold front of April 4-7, 1983, moved across southern Mississippi and southeastern Louisiana with warm and humid air from the Gulf of Mexico moving inland ahead of the front. This situation produced very heavy thunderstorms and intense rainfall rates, one inch per hour or more, for an extended period of time. This, coupled with the higher than normal rainfall for the past several months, produced high runoff and extreme flooding.

Provisional rainfall data for many National Weather Service rain gages are given in table 1. The accumulated rainfall totals shown are for the period April 4-8, except as noted. The heaviest rainfall occurred in the Columbia, Miss. and Tylertown, Miss. areas. The Tylertown station reported 15.54 inches of rainfall for the period April 4-8, and the Columbia station reported 17.48 inches for the same period, of which 13.70 inches fell on April 7. The 100-year 24-hour rainfall frequency in this area is 10.5 inches, according to Technical Paper No. 40, of the National Weather Service (1961). The most intense 24-hour rainfall, during the storm, was reported in the eastern part of New Orleans, where 16.90 inches of rain fell on April 7; this 24-hour rainfall total has a frequency of more than 100 years as given in Technical Paper No. 40. The Franklinton 3 SW station reported a total of 13.4 inches of rain for the period April 5-7, of which 10.56 inches occurred on April 6. This exceeds the 50 year 24-hour rainfall frequency given in Technical Paper No. 40.

## FLOODS

### Peak Stages and Discharges

Peak stages and discharges were determined at many gaging stations in the affected area. These provisional data are listed in table 2 and are subject to revision. The data listed in table 2 include a map number, which corresponds to the numbers on plates 1 and 2. Plates 1 and 2 show the location of all gaging stations for which information is given in table 2. Plate 2 is an inset for the flood area near the City of Baton Rouge, La.

As given in table 2, the frequency, or recurrence interval, of the flood discharge is the average number of years between floods equal to or greater than the April event. It is emphasized that this is an average number of years, and it is not implied that it will be that many years before another event of that magnitude occurs. The reciprocal of the frequency is the probability of the event occurring in any one year. For instance, a 100-year flood has a 0.01 probability, or 1 percent chance, of occurring in any year. All frequencies, or recurrence intervals, were determined from station data, unless otherwise noted. Log Pearson III procedures, as described by the Water Resources Council (1981), were used to compute station frequency values. At many of the stations listed in table 2, new peaks of record occurred; 26 stations had discharges with recurrence intervals equal to or greater than 100 years.

In southern Mississippi, peaks of record were exceeded at a number of stations. An outstanding example occurred on Black Creek, near Brooklyn, Miss. The previous maximum stage (since 1961) was exceeded by 4.26 feet, and the April 7 peak discharge of 42,500 ft<sup>3</sup>/s is about two times the previous maximum discharge. This flood exceeded the 100-year event.

Another example of an extreme event occurred on Elmers Draw near Columbia, Miss. The previous maximum stage (since 1955) was exceeded by 2.89 feet and the April 6 peak discharge of 1,620 ft<sup>3</sup>/s is one and one-half times the previous maximum discharge. This event also exceeded the discharge for a 100-year event.

In southeastern Louisiana, the area with the most severe flooding was in the Bogue Chitto basin. At the Franklinton, La. station, the previous maximum stage (since 1900) was exceeded by 4.14 feet, and the April 7 peak discharge of 125,000 ft<sup>3</sup>/s is more than two times the previous maximum discharge. In April 1900 the stage at this site was 29.6 feet, 4.9 feet higher than the April 1983 peak. No discharge is available for the April 1900 peak. Another example of the severity of flooding in the Bogue Chitto basin occurred near Bush, La. The previous maximum stage (since 1937) was exceeded by 3.91 feet at Bogue Chitto near Bush, La. on April 8. The peak discharge of 131,700 ft<sup>3</sup>/s is more than twice the previous maximum, and the frequency of this event is greater than 100 years.

An extreme event also occurred on the Tchefuncta River near Franklinton, La. The previous maximum stage (since 1949) was exceeded by 3.75 feet, and the April 6 discharge of 26,900 ft<sup>3</sup>/s is more than three times the previous maximum. This discharge exceeded the 100-year event.

#### Flood Hydrographs

Discharge hydrographs for the April floods at selected stations are shown in figures 2-6. These hydrographs are presented to give the general duration and magnitude of the flood events.

#### Additional Information

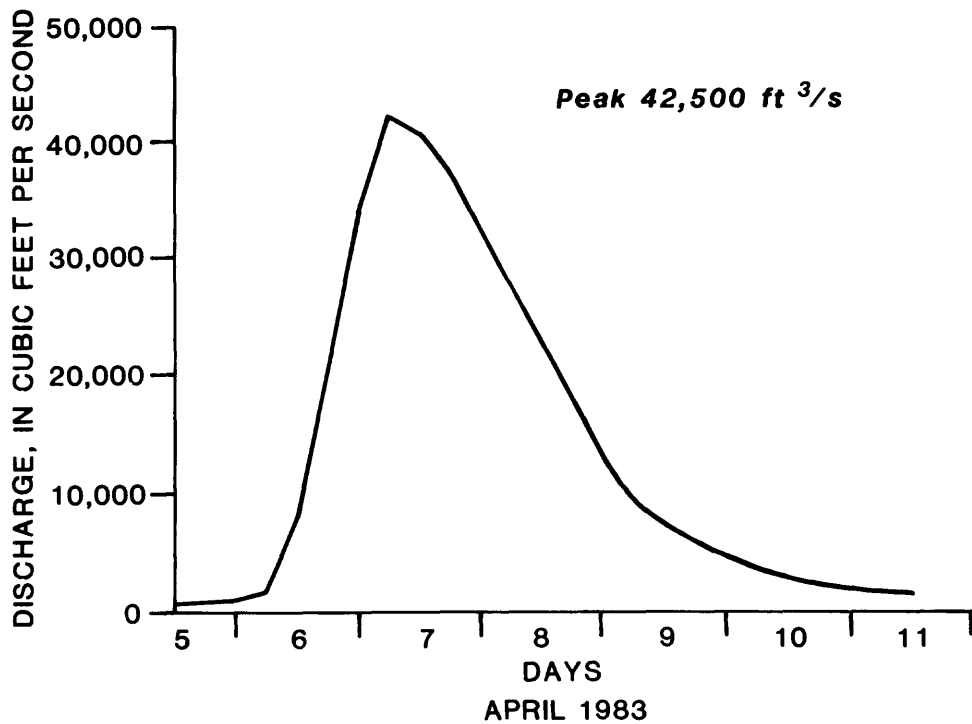
Additional information on these floods and streamflow data in general can be obtained by writing to the District Chief, U.S. Geological Survey, Water Resources Division, at the following addresses:

Louisiana  
P. O. Box 66492  
Baton Rouge, LA 70896

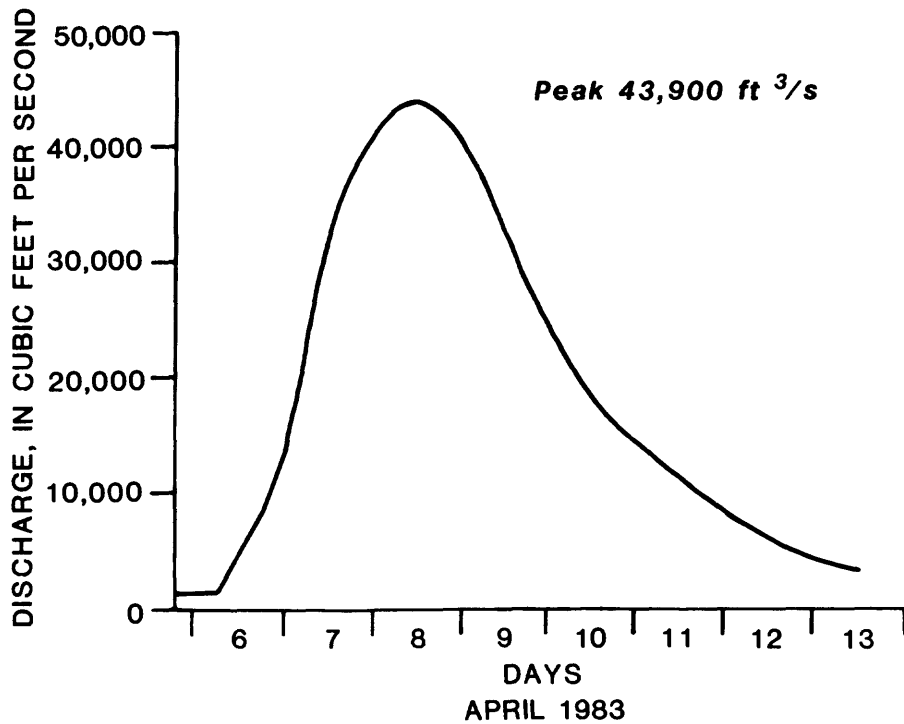
Mississippi  
Federal Building, Suite 710  
100 West Capitol Street  
Jackson, MS 39269

#### SELECTED REFERENCES

- Colson, B. E., and Hudson, J. W., 1976, Flood frequency of Mississippi streams: Mississippi State Highway Department, 34 p.
- Lowe, A. S., 1979, Magnitude and frequency of floods for small watersheds in Louisiana: Louisiana Department of Transportation and Development, Office of Highways, Research Study No. 65-2H, 52 p.
- Neely, B. L., Jr., 1976, Floods in Louisiana, magnitude and frequency, 3d ed.: Louisiana Department of Highways, 340 p. [1977].
- U.S. Department of Commerce, 1961, Rainfall frequency atlas of the United States: Technical Paper No. 40, Washington, D.C., 61 p.
- Water Resources Council, 1981, Guidelines for determining flood flow frequency: U.S. Water Resources Council Bulletin 17B, 28 p.

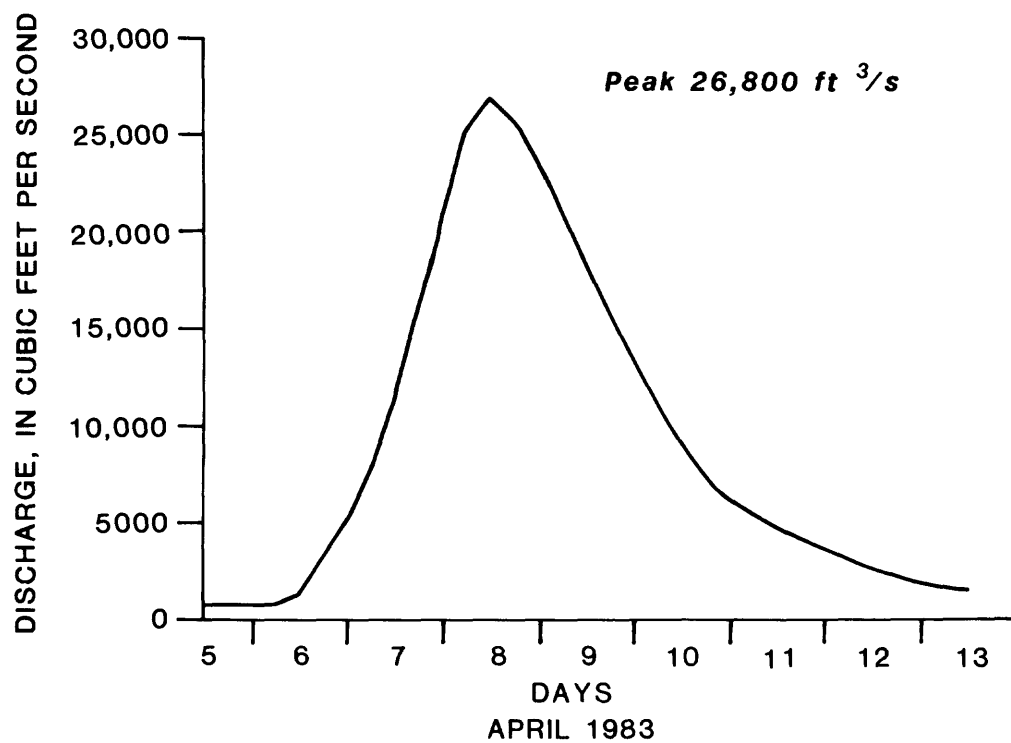


A. Black Creek near Brooklyn, Miss. (map no. 25, pl. 1)

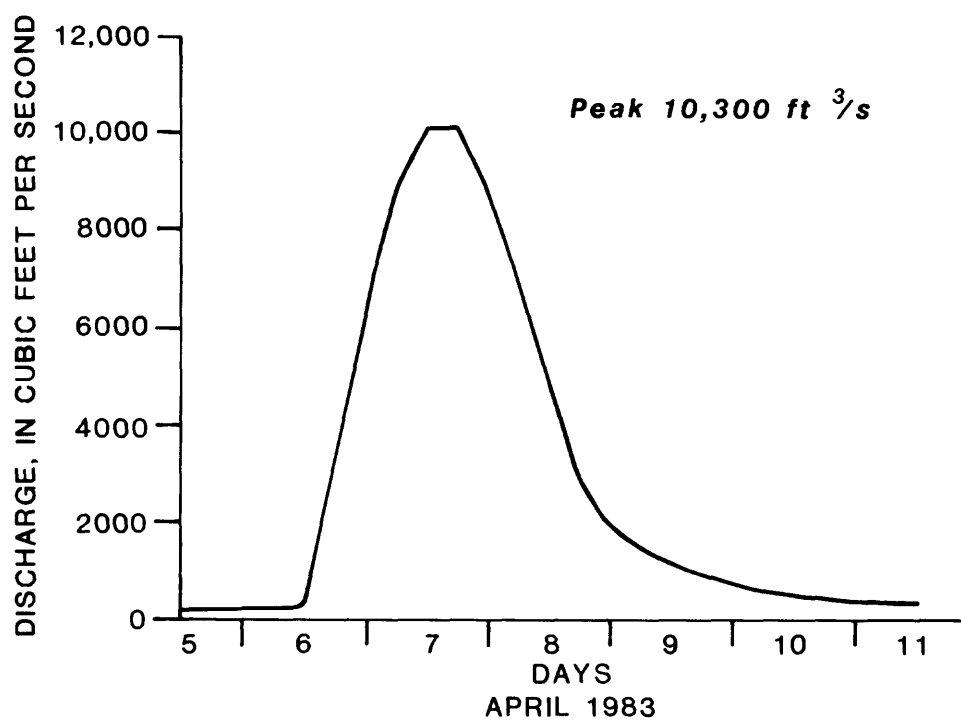


B. Black Creek near Wiggins, Miss. (map no. 28, pl. 1)

Figure 2.--Discharge hydrographs for Black Creek near Brooklyn and Wiggins, Miss.

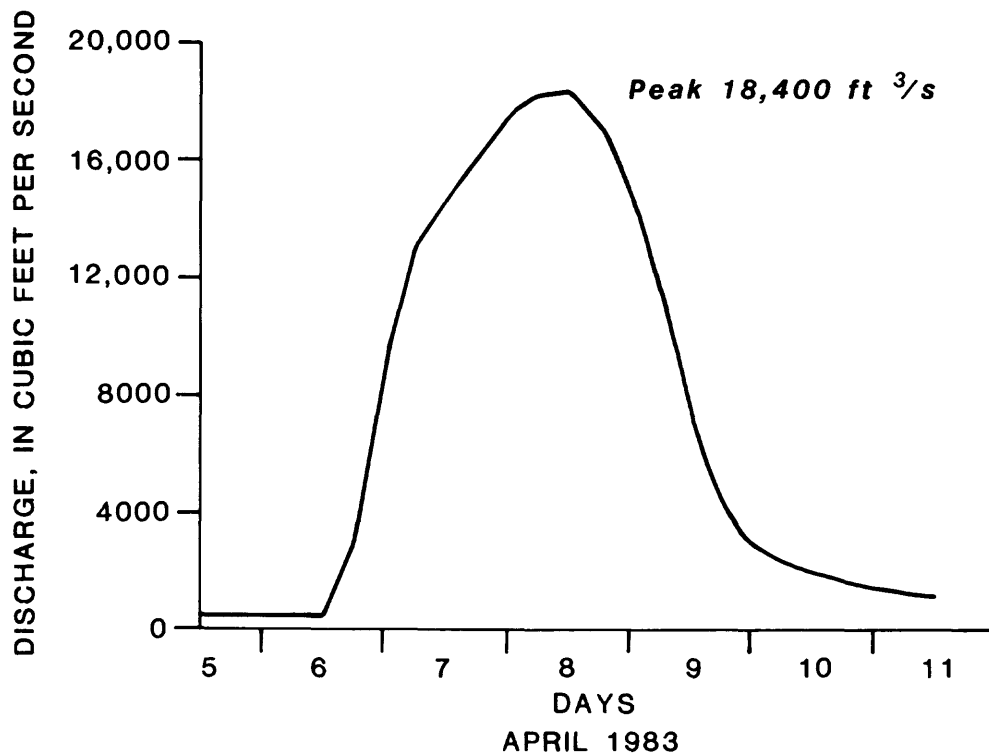


A. Red Creek at Vestry, Miss (map no. 30, pl. 1)

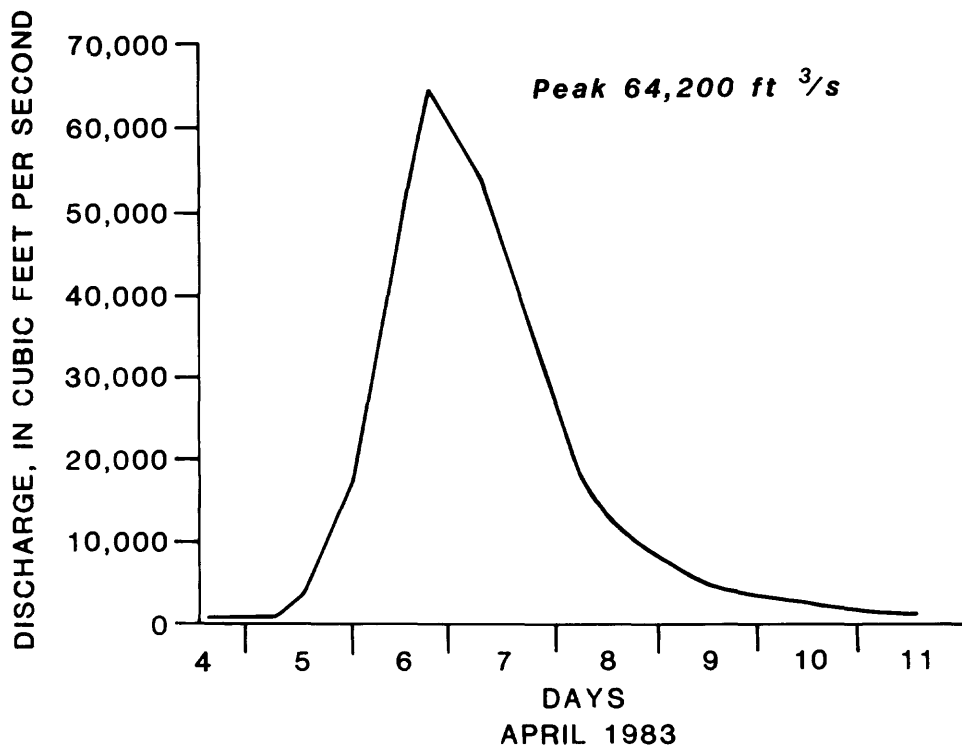


B. Biloxi River at Wortham, Miss. (map no. 32, pl. 1)

Figure 3.--Discharge hydrographs for Red Creek at Vestry, Miss., and Biloxi River at Wortham, Miss.

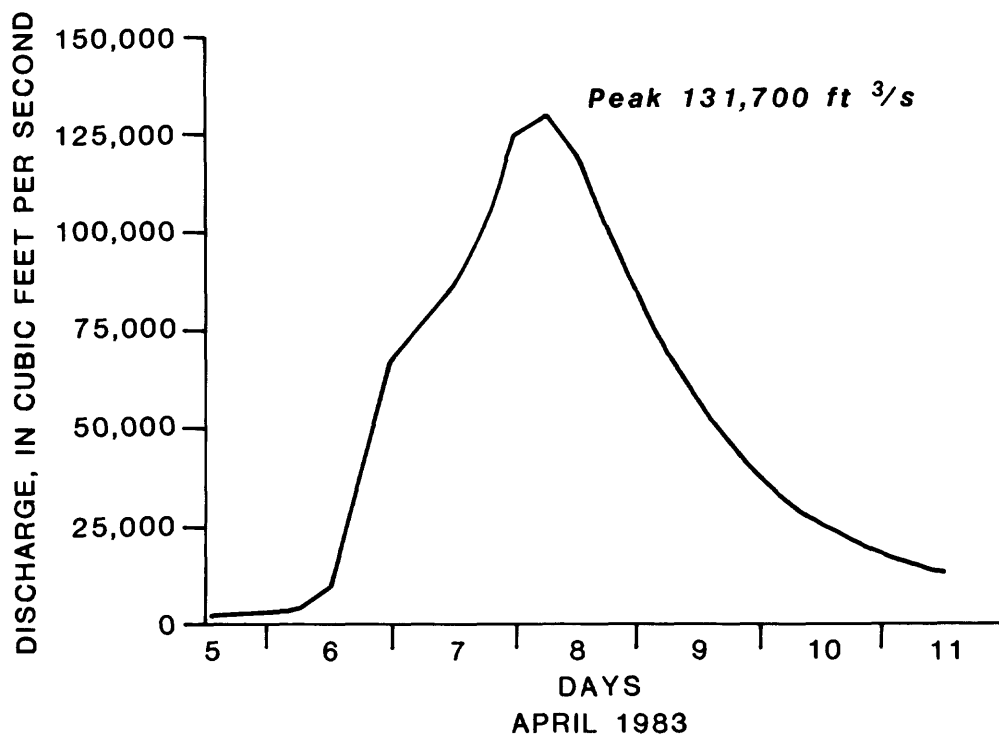


A. Wolf River near Landon, Miss. (map no. 34, pl. 1)

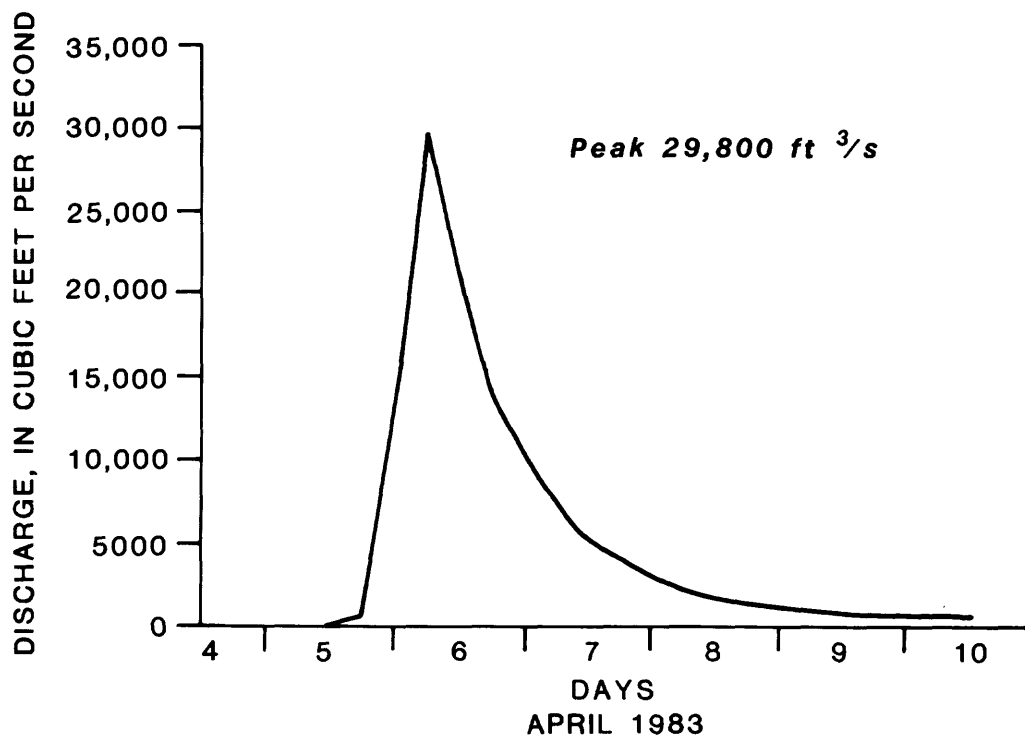


B. Bogue Chitto near Tylertown, Miss. (map no. 54, pl. 1)

Figure 4.--Discharge hydrographs for Wolf River near Landon, Miss., and Bogue Chitto near Tylertown, Miss.



A. Bogue Chitto near Bush, La. (map no. 61, pl. 1)



B. Tchefuncta River near Folsom, La. (map no. 85, pl. 1)

Figure 5.--Discharge hydrographs for Bogue Chitto near Bush, La., and Tchefuncta River near Folsom, La.

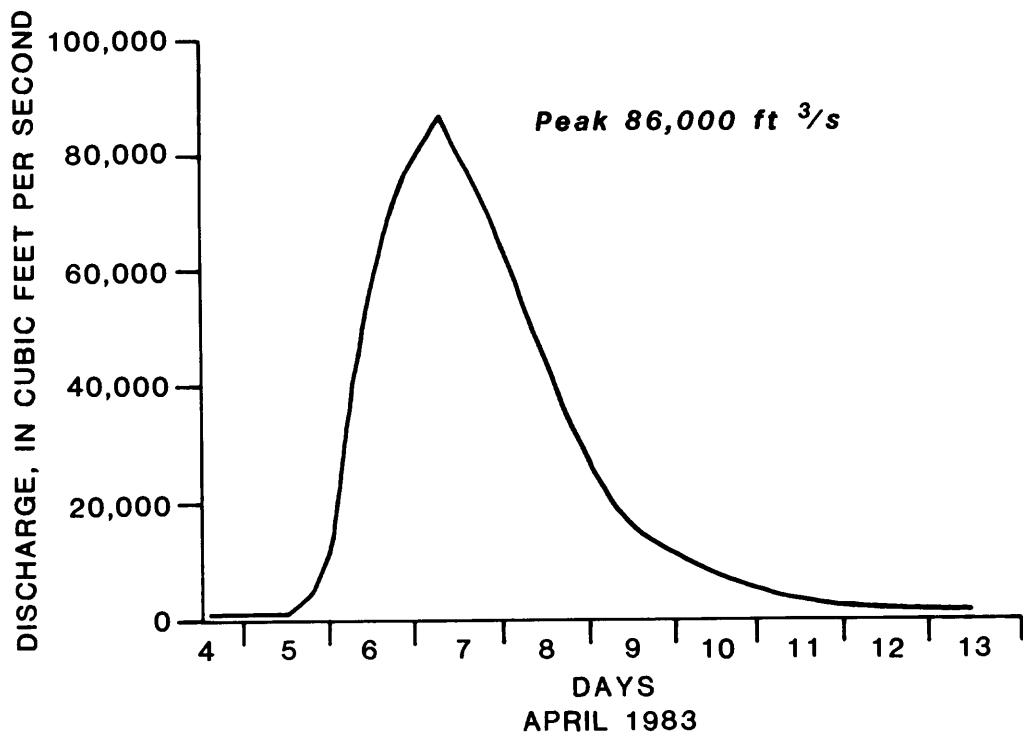


Figure 6.--Discharge hydrograph for Tangipahoa River at Robert, La.

Table 1.--Cumulative rainfall for selected stations  
in the study area

LOUISIANA

| Station                   | Latitude | Longitude | Cumulative rainfall, inches |
|---------------------------|----------|-----------|-----------------------------|
|                           |          |           | April 5-7, 1983             |
| Abita Springs             | 30°26'   | 90°03'    | 5.4                         |
| Amite                     | 30°43'   | 90°30'    | 12.1                        |
| Baton Rouge WSO AP        | 30°32'   | 91°08'    | 10.1                        |
| Bogalusa                  | 30°47'   | 89°52'    | 9.7                         |
| Clinton                   | 30°52'   | 91°01'    | 11.7                        |
| Clinton 5 SE              | 30°48'   | 90°58'    | 13.3                        |
| Covington                 | 30°32'   | 90°07'    | 5.3                         |
| Denham Springs            | 30°28'   | 90°58'    | 9.0                         |
| Franklinton 2             | 30°51'   | 90°10'    | 13.6                        |
| Franklinton 3 SW          | 30°49'   | 90°11'    | 13.4                        |
| Gonzales                  | 30°14'   | 90°54'    | 7.1                         |
| Greenwell Springs         | 30°34'   | 90°59'    | 10.5                        |
| Hammond                   | 30°30'   | 90°22'    | 12.9                        |
| Kentwood                  | 30°56'   | 90°31'    | 12.4                        |
| Liverpool                 | 30°56'   | 90°38'    | 12.3                        |
| Livingston                | 30°30'   | 90°45'    | 8.6                         |
| LSU Ben Hur Exp Sta       | 30°22'   | 91°10'    | 4.6                         |
| New Orleans, DPS 14       | 29°59'   | 90°15'    | 11.6                        |
| New Roads 5 ESE           | 30°41'   | 91°22'    | 11.4                        |
| Pine Grove                | 30°42'   | 90°45'    | 12.1                        |
| Sheridan Fire Tower       | 30°51'   | 89°59'    | 11.9                        |
| Springville Fire<br>Tower | 30°26'   | 90°39'    | 12.2                        |
| Zachary                   | 30°38'   | 91°08'    | 10.6                        |

MISSISSIPPI

| Station                   | Latitude | Longitude | Cumulative rainfall, inches |
|---------------------------|----------|-----------|-----------------------------|
|                           |          |           | April 4-8, 1983             |
| Bay Springs 2 NNW         | 32°00'   | 89°18'    | 6.36                        |
| Bay St. Louis<br>N.A.S.A. | 30°22'   | 89°35'    | 6.22                        |
| Biloxi City               | 30°24'   | 88°54'    | 2.17                        |
| Brookhaven City           | 31°33'   | 90°27'    | 11.73                       |
| Buckatunna                | 31°32'   | 88°32'    | 4.10                        |
| Centreville 4 ESE         | 31°04'   | 91°01'    | 10.29                       |
| Collins                   | 31°38'   | 89°34'    | 11.83                       |
| Collinsville 7 SE         | 32°25'   | 88°46'    | 4.57                        |
| Columbia                  | 31°15'   | 89°50'    | 17.48                       |
| Crandall 12 N             | 32°05'   | 88°29'    | 5.33                        |
| Crystal Springs 4 NNE     | 32°02'   | 90°19'    | 9.73                        |
| D'Lo 2 SW                 | 31°57'   | 89°56'    | 8.93                        |

Table 1.--Cumulative rainfall for selected stations  
in the study area--Continued

MISSISSIPPI--Continued

| Station               | Latitude | Longitude | Cumulative rainfall, inches |
|-----------------------|----------|-----------|-----------------------------|
|                       |          |           | April 4-8, 1983             |
| Enterprise            | 32°11'   | 88°49'    | 5.03                        |
| Forest 3 S            | 32°19'   | 89°29'    | 5.41                        |
| Goshen Springs 2 NNE  | 32°30'   | 89°54'    | 7.75                        |
| Gulfport Naval Center | 30°23'   | 89°08'    | 8.56                        |
| Hattiesburg           | 31°18'   | 89°17'    | 12.39                       |
| Hazlehurst 4 SW       | 31°49'   | 90°27'    | 6.45                        |
| Jackson W.S.F.O.      | 32°19'   | 90°05'    | 8.51                        |
| Laurel                | 31°41'   | 89°07'    | 4.71                        |
| Leakesville           | 31°10'   | 88°33'    | 13.11                       |
| Liberty 5 W           | 31°10'   | 90°53'    | 9.58                        |
| McComb F.A.A.         | 31°14'   | 90°28'    | 12.66                       |
| Meadville             | 31°28'   | 90°53'    | 9.47                        |
| Meridian W.S.O.       | 32°20'   | 88°45'    | 4.74                        |
| Merril                | 30°59'   | 88°43'    | 12.25                       |
| Mize                  | 31°51'   | 89°33'    | 7.23                        |
| Monticello            | 31°33'   | 90°06'    | 12.29                       |
| Natchez               | 31°33'   | 91°23'    | 8.22                        |
| Newton Exp Sta        | 32°20'   | 89°05'    | 3.97                        |
| Oakley Exp Sta        | 32°12'   | 90°31'    | 8.89                        |
| Pascagoula 2 ENE      | 30°23'   | 88°30'    | 8.44                        |
| Paulding              | 32°02'   | 89°02'    | 4.26                        |
| Pelahatchie           | 32°19'   | 89°48'    | 6.88                        |
| Picayune              | 30°31'   | 89°42'    | 5.76                        |
| Poplarville Exp Sta   | 30°51'   | 89°33'    | 6.30                        |
| Port Gibson 1 NW      | 31°58'   | 91°00'    | 9.89                        |
| Prentiss 1 N          | 31°37'   | 89°52'    | 9.37                        |
| Purvis                | 31°09'   | 89°24'    | 13.50                       |
| Quitman 1 N           | 32°04'   | 88°43'    | 4.55                        |
| Richton 3 SSE         | 31°18'   | 88°54'    | 10.90                       |
| Rockport              | 31°48'   | 90°09'    | 9.64                        |
| Russell 2 WNW         | 32°25'   | 88°37'    | 4.20                        |
| Saucier Exp Forest    | 30°38'   | 89°58'    | 4.86                        |
| Shubuta               | 31°52'   | 88°42'    | 4.36                        |
| Standard              | 30°32'   | 89°22'    | 4.64                        |
| Sumrall               | 31°25'   | 89°32'    | 9.52                        |
| Tylertown 2 WNW       | 31°07'   | 90°11'    | 15.54                       |
| Union Church 1 SE     | 31°40'   | 90°47'    | 8.26                        |
| Vancleave             | 30°32'   | 88°41'    | 7.39                        |
| Vicksburg Military PK | 32°21'   | 90°51'    | 5.78                        |
| Waveland              | 30°18'   | 89°23'    | 8.83                        |
| Waynesboro 2 W        | 31°41'   | 88°40'    | 4.38                        |
| White Oak 1 NW        | 32°05'   | 89°42'    | 9.62                        |
| Wiggins               | 30°52'   | 89°08'    | 10.37                       |
| Woodville 4 ESE       | 31°06'   | 91°14'    | 11.91                       |

Table 2.--Summary of peak stages and discharges

| Map No.                | Station number | Station name and location                       | Drainage area (mi <sup>2</sup> ) | Period of record     | Flood data               |               |                                |                     |            |                                |                   |
|------------------------|----------------|---|----------------------------------|----------------------|--------------------------|---------------|--------------------------------|---------------------|------------|--------------------------------|-------------------|
|                        |                |   |                                  |                      | Previous flood of record |               |                                | Flood of April 1983 |            |                                |                   |
|                        |                |   |                                  |                      | Date                     | G.Ht. (ft)    | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| PASCAGOULA RIVER BASIN |                |   |                                  |                      |                          |               |                                |                     |            |                                |                   |
| 1                      | 02471100       | Leaf River near Raleigh, MS                     | 143                              | 1940-43, 1957-       | 04-13-74                 | 28.17         | 17,000                         | 04-07-83            | 25.34      | 9,200                          | a                 |
| 2                      | 02471250       | Leaf River at Taylorsville, MS                  | 459                              | 1961, 1968-          | 04-14-74                 | 57.44         | 38,000                         | 04-07-83            | a53.47     | 17,200                         | 4                 |
| 3                      | 02471500       | Oakohay Creek at Mize, MS                       | 185                              | 1942-49, 1961, 1968- | 04-13-74                 | 17.26         | 28,900                         | 04-07-83            | a15.62     | 17,100                         | 40                |
| 4                      | 02472000       | Lear River near Collins, MS                     | 743                              | 1856, 1900, 1939-    | 04-1856<br>04-14-74      | 33<br>a32.6   | ---<br>54,200                  | 04-08-83            | 28.11      | 31,000                         | 10                |
| 5                      | 02472160       | Big Creek tributary near Laurel, MS             | 0.17                             | 1966-                | 04-25-73                 | 6.34          | 202                            | 04-06-83            | 6.50       | 211                            | 20                |
| 6                      | 02472420       | Bowie Creek near Sanford, MS                    | 262                              | 1961, 1968-          | 02-1961                  | 32.02         | b33,200                        | 04-07-83            | a30.93     | b29,000                        | 15                |
| 7                      | 02472500       | Bowie Creek near Hattiesburg, MS                | 304                              | 1900, 1939-          | 04-1900<br>04-17-74      | 33.5<br>28.18 | ---<br>45,500                  | 04-07-83            | 26.06      | 22,400                         | 20                |
| 8                      | 02472810       | Okatoma Creek tributary No. 2 near Collins, MS  | 0.21                             | 1967-                | 10-09-66                 | 8.57          | 312                            | 04-06-83            | 8.61       | 314                            | >100              |
| 9                      | 02473000       | Leaf River at Hattiesburg, MS                   | 1,748                            | 1900, 1905-          | 04-15-74                 | 34.03         | 121,000                        | 04-09-83            | 29.19      | 59,000                         | 15                |
| 10                     | 02473047       | Gordon Creek at Broad Street at Hattiesburg, MS | 8.83                             | 1969-                | 05-03-78                 | 60.48         | 3,600                          | 04-06-83            | 61.88      | 6,910                          | >100              |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                           | Station number | Station name and location  | Drainage area (mi <sup>2</sup> ) | Period of record  | Flood data               |              |                                |                     |            |                                |                   |
|-----------------------------------|----------------|--|----------------------------------|-------------------|--------------------------|--------------|--------------------------------|---------------------|------------|--------------------------------|-------------------|
|                                   |                |  |                                  |                   | Previous flood of record |              |                                | Flood of April 1983 |            |                                |                   |
|                                   |                |  |                                  |                   | Date                     | G.Ht. (ft)   | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| PASCAGOULA RIVER BASIN--Continued |                |  |                                  |                   |                          |              |                                |                     |            |                                |                   |
| 11                                | 02473480       | Tallahattah Creek near Waldrup, MS                               | 30.4                             | 1965-             | 04-13-74                 | 18.14        | ---                            | 04-07-83            | 14.40      | 1,230                          | <2                |
| 12                                | 02473498       | Tallahala Creek tributary at 8th Street at Laurel, MS            | 1.12                             | 1974-             | 03-30-76                 | 39.23        | 821                            | 04-06-83            | 36.78      | 369                            | ---               |
| 13                                | 02473610       | Tallahala Creek tributary No. 2 at Grandview Drive at Laurel, MS | 1.52                             | 1974-             | 03-30-76                 | 32.30        | 920                            | 04-06-83            | 28.35      | 277                            | ---               |
| 14                                | 02473850       | Tallanoma Creek tributary at Lake Como, MS                       | 3.21                             | 1964-             | 04-06-64                 | 12.27        | 3,120                          | 04-06-83            | 8.59       | 1,060                          | 2                 |
| 15                                | 02474500       | Tallahala Creek near Runnels-town, MS                            | 612                              | 1900, 1920, 1940- | 04-1900, 02-24-61        | 35.5, 29.84  | ---                            | 04-07-83            | 23.03      | 11,700                         | 4                 |
| 16                                | 02474600       | Bogue Homo near Richton, MS                                      | 344                              | 1941-43, 1971-    | 03-21-43, 12-28-73       | 25.7, 27.63  | ---                            | 04-08-83            | 23.29      | 12,200                         | 4                 |
| 17                                | 02474650       | Buck Creek near Runnelstown, MS                                  | 20.8                             | 1951-             | 02-18-61, 04-03-79       | 21.41, 17.93 | 3,900, 5,700                   | 04-06-83            | 11.58      | 2,050                          | 4                 |
| 18                                | 02475000       | Leaf River near McLain, MS                                       | 3,495                            | 1900, 1938, 1940- | 04-1900, 02-26-61        | 32, 31.64    | ---                            | 04-10-83            | 27.27      | 75,900                         | 10                |
| 19                                | 02475050       | Waterfall Branch near McLain, MS                                 | 0.65                             | 1955-             | 06-01-59                 | 11.71        | 764                            | 04-06-83            | 10.73      | 655                            | >100              |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                           | Station number | Station name and location               | Drainage area (mi <sup>2</sup> ) | Period of record        | Flood data               |                 |                                |                     |            |                             |      |
|-----------------------------------|----------------|---|----------------------------------|-------------------------|--------------------------|-----------------|--------------------------------|---------------------|------------|-----------------------------|------|
|                                   |                |   |                                  |                         | Previous flood of record |                 |                                | Flood of April 1983 |            |                             |      |
|                                   |                |   |                                  |                         | Date                     | G.Ht. (ft)      | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge Frequency (years) |      |
| PASCAGOULA RIVER BASIN--Continued |                |   |                                  |                         |                          |                 |                                |                     |            |                             |      |
| 20                                | 02477330       | Shubuta Creek near Shubuta, MS          | 75.5                             | 1963-                   | 04-25-73                 | 24.88           | 12,700                         | 04-07-83            | 19.09      | 4,230                       | 4    |
| 21                                | 02478500       | Chickasawhay River at Leakesville, MS   | 2,690                            | 1900, 1916, 1938-       | 04-1900<br>02-28-61      | 38<br>33.52     | ---<br>73,600                  | 04-08-83            | 28.08      | 29,500                      | 4    |
| 22                                | 02478600       | Granny Branch at Piave, MS              | 0.69                             | 1967-                   | 03-04-79                 | 6.55            | 402                            | 04-06-83            | 5.99       | 330                         | <2   |
| 23                                | 02479000       | Pascagoula River at Merrill, MS         | 6,590                            | 1900, 1905-             | 04-1900<br>02-27-61      | 32.5<br>30.66   | ---<br>178,000                 | 04-09-83            | 26.89      | 113,000                     | 8    |
| 24                                | 02479094       | Blown Pine Creek near Hattiesburg, MS   | 1.92                             | 1955, 1966-77, 1983     | 04-12-55                 | 12.06           | 2,260                          | 04-06-83            | 9.67       | 1,600                       | >100 |
| 25                                | 02479130       | Black Creek near Brooklyn, MS           | 355                              | 1961, 1971-             | 02-18-61<br>04-14-74     | 25.70<br>a25.32 | 21,500<br>20,500               | 04-07-83            | a29.96     | 42,500                      | >100 |
| 26                                | 02479138       | Walls Creek tributary near Brooklyn, MS | 0.37                             | 1966-77, 1983           | 04-13-74                 | 10.39           | 490                            | 04-06-83            | 8.61       | 410                         | 100  |
| 27                                | 02479155       | Cypress Creek near Janice, MS           | 52.6                             | 1959, 1967-             | 06-01-59<br>04-04-79     | 32.06<br>28.67  | 22,800<br>12,500               | 04-07-83            | 29.49      | 12,400                      | 30   |
| 28                                | 02479160       | Black Creek near Wiggins, MS            | 701                              | 1916, 1959, 1961, 1972- | 07-1916<br>04-05-79      | 30.5<br>26.63   | ---<br>31,500                  | 04-08-83            | 28.81      | 43,900                      | >100 |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                           | Station number | Station name and location            | Drainage area (mi <sup>2</sup> ) | Period of record  | Flood data                   |  |                     |   |
|-----------------------------------|----------------|--------------------------------------|----------------------------------|-------------------|------------------------------|--|---------------------|---|
|                                   |                |                                      |                                  |                   | Previous flood of record     |  | Flood of April 1983 |   |
|                                   |                |                                      |                                  |                   | Date                         | G.Ht. (ft)<br>Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft)<br>Discharge (ft <sup>3</sup> /s)<br>Frequency (years) |
| PASCAGOULA RIVER BASIN--Continued |                |                                      |                                  |                   |                              |  |                     |   |
| 29                                | 02479187       | Red Creek tributary near Wiggins, MS | 0.22                             | 1965-             | 02-11-81                     | 8.02 276                                     | 04-06-83            | a9.54 390 >100  |
| 30                                | 02479300       | Red Creek at Vestry, MS              | 441                              | 1958-             | 12-12-61<br>02-12-81         | 18.56 21,500<br>18.94 16,000                 | 04-08-83            | a21.18 26,800 70  |
| TCHOUTACABOUFFA RIVER BASIN       |                |                                      |                                  |                   |                              |  |                     |   |
| 31                                | 02480500       | Tuxachanie Creek near Biloxi, MS     | 92.4                             | 1906, 1948, 1953- | 09-1966<br>09-19-57          | 23.2 ---<br>22.22 17,700                     | 04-08-83            | 19.60 7,380 5   |
| BILOXI RIVER BASIN                |                |                                      |                                  |                   |                              |  |                     |   |
| 32                                | 02481000       | Biloxi River at Wortham, MS          | 96.1                             | 1948, 1953-       | 1948<br>09-18-57<br>04-27-64 | 25.3 ---<br>23.08 7,740<br>22.94 8,420       | 04-08-83            | 25.30 10,300 50   |
| 33                                | 02481130       | Biloxi River near Lyman, MS          | 251                              | 1957, 1965-       | 09-1957<br>04-14-80          | 21.5 ---<br>19.75 22,000                     | 04-08-83            | 19.26 18,600 >100   |
| WOLF RIVER BASIN                  |                |                                      |                                  |                   |                              |  |                     |   |
| 34                                | 02481510       | Wolf River near Landon, MS           | 308                              | 1920, 1964, 1971- | 1920<br>04-27-64<br>05-20-80 | 28 ---<br>23.06 ---<br>19.83 15,800          | 04-08-83            | 21.53 18,400 20   |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.           | Station number | Station name and location               | Drainage area (mi <sup>2</sup> ) | Period of record        | Flood data               |                |                                |                     |                 |                                |                   |
|-------------------|----------------|---|----------------------------------|-------------------------|--------------------------|----------------|--------------------------------|---------------------|-----------------|--------------------------------|-------------------|
|                   |                |   |                                  |                         | Previous flood of record |                |                                | Flood of April 1983 |                 |                                |                   |
|                   |                |   |                                  |                         | Date                     | G.Ht. (ft)     | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft)      | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| PEARL RIVER BASIN |                |   |                                  |                         |                          |                |                                |                     |                 |                                |                   |
| 35                | 02486000       | Pearl River at Jackson, MS              | 3,171                            | 1874, 1881, 1900-       | 04-17-79                 | 43.28          | d128,000                       | 04-08-83            | 35.44           | e46,100                        | 6                 |
| 36                | 02487300       | Strong River near Puckett, MS           | 248                              | 1950, 1955-             | 01-1950<br>04-13-74      | 27.06<br>26.78 | ---<br>18,000                  | 04-07-83            | 26.47           | 18,100                         | 20                |
| 37                | 02487500       | Strong River at D'Lo, MS                | 425                              | 1900, 1929-38, 1939-    | 1900<br>01-07-50         | 33<br>33.00    | ---<br>24,800                  | 04-07-83            | 33.28<br>a33.52 | 25,700                         | 50                |
| 38                | 02487670       | Boggans ditch near Mendenhall, MS       | 0.94                             | 1955-                   | 04-12-55                 | 8.16           | 764                            | 04-06-83            | 8.09            | 747                            | >100              |
| 39                | 02487770       | Bradleys ditch near Pinola, MS          | 1.29                             | 1955-77, 1983           | 04-12-55                 | 8.15           | 516                            | 04-06-83            | 7.29            | 390                            | 60                |
| 40                | 02487900       | Copiah Creek near Hazlehurst, MS        | 47.4                             | 1948-                   | 04-12-80                 | a25.11         | 32,000                         | 04-07-83            | a22.87          | 16,500                         | 40                |
| 41                | 02488340       | Small Pine ditch near Monticello, MS    | 0.16                             | 1955-77, 1980-          | 03-24-73                 | 8.24           | 281                            | 04-06-83            | 6.52            | 172                            | 8                 |
| 42                | 02488500       | Pearl River near Monticello, MS         | 4,993                            | 1874, 1900, 1902, 1924- | 1874<br>04-20-79         | 34.5<br>34.08  | ---<br>122,000                 | 04-09-83            | 30.15           | 81,700                         | 40                |
| 43                | 02488510       | Roadside Park ditch near Monticello, MS | 0.25                             | 1955-77, 1983           | 04-12-74                 | 7.06           | 289                            | 04-06-83            | 7.04            | 286                            | 80                |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                      | Station number | Station name and location         | Drainage area (mi <sup>2</sup> ) | Period of record        | Flood data               |               |                                |                     |                 |                             |      |
|------------------------------|----------------|-----------------------------------|----------------------------------|-------------------------|--------------------------|---------------|--------------------------------|---------------------|-----------------|-----------------------------|------|
|                              |                |                                   |                                  |                         | Previous flood of record |               |                                | Flood of April 1983 |                 |                             |      |
|                              |                |                                   |                                  |                         | Date                     | G.Ht. (ft)    | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft)      | Discharge Frequency (years) |      |
| PEARL RIVER BASIN--Continued |                |                                   |                                  |                         |                          |               |                                |                     |                 |                             |      |
| 44                           | 02488540       | Newhebron Gulley at Newhebron, MS | 2.50                             | 1957, 1965-77, 1983     | 04-12-74                 | 17.05         | 2,650                          | 04-06-83            | 29.63           | 1,300                       | 8    |
| 45                           | 02488550       | Goines Draw near Prentiss, MS     | 0.34                             | 1955-                   | 04-12-74                 | 9.10          | 610                            | 04-06-83            | 4.79            | 230                         | 10   |
| 46                           | 02488680       | Plum ditch near Prentiss, MS      | 0.23                             | 1955-76, 1983           | 04-12-55                 | 7.18          | 211                            | 04-06-83            | 29.01           | 333                         | >100 |
| 47                           | 02488700       | Whitesand Creek near Oak Vale, MS | 130                              | 1900, 1925, 1961, 1966- | 04-1900<br>04-13-74      | 20.5<br>18.76 | ---<br>25,400                  | 04-07-83            | 17.42<br>217.90 | 18,300                      | 15   |
| 48                           | 02489000       | Pearl River near Columbia, MS     | 5,720                            | 1874, 1880, 1900, 1905- | 1874<br>04-22-79         | f31<br>27.80  | ---<br>120,000                 | 04-08-83            | 26.20           | ---                         | ---  |
| 49                           | 02489030       | Elmers Draw near Columbia, MS     | 0.91                             | 1955-                   | 04-12-55                 | 13.33         | 1,150                          | 04-06-83            | 216.22          | 1,620                       | >100 |
| 50                           | 02489160       | Kokomo Draw at Kokomo, MS         | 1.26                             | 1955-77, 1983           | 04-12-55                 | 9.63          | 1,320                          | 04-06-83            | 212.86          | 22,040                      | >100 |
| 51                           | 02489500       | Pearl River near Bogalusa, LA     | 6,573                            | 1938, 1939-             | 04-11-38<br>04-24-79     | 21.0<br>23.23 | ---<br>129,000                 | 04-08-83            | 22.78           | 116,000                     | 60   |
| 52                           | 02490105       | Bogue Lusa Creek at Bogalusa, LA  | 72.7                             | 1961, 1964-             | 11-14-61<br>04-18-73     | 13.0<br>11.86 | ---<br>7,100                   | 04-07-83            | 13.80           | 9,350                       | 35   |
| 53                           | 02490130       | Coburn Creek at Bogalusa, LA      | 7.96                             | 1969-                   | 04-14-75                 | 6.08          | ---                            | 04-07-83            | 4.34            | ---                         | ---  |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                      | Station number | Station name and location                   | Drainage area (mi <sup>2</sup> ) | Period of record              | Flood data               |              |                                |                     |               |  |
|------------------------------|----------------|---|----------------------------------|-------------------------------|--------------------------|--------------|--------------------------------|---------------------|---------------|--|
|                              |                |   |                                  |                               | Previous flood of record |              |                                | Flood of April 1983 |               |  |
|                              |                |   |                                  |                               | Date                     | G.Ht. (ft)   | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft)    | Discharge Frequency (ft <sup>3</sup> /s) (years) |
| PEARL RIVER BASIN--Continued |                |   |                                  |                               |                          |              |                                |                     |               |  |
| 54                           | 02490500       | Bogue Chitto near Tylertown, MS             | 492                              | 1936, 1945-                   | 02-1936 01-07-50         | h34.7 33.50  | --- 45,700                     | 04-07-83            | 34.62 64,200  | >100   |
| 55                           | 02490550       | Middle Fork Hickory Flat near Tylertown, MS | 1.46                             | 1953-                         | 08-22-53                 | 13.95        | 2,300                          | 04-06-83            | a13.30 2,060  | >100   |
| 56                           | 02491200       | Silver Springs Creek near Clifton, LA       | 50.1                             | 1966-                         | 03-29-80                 | 10.00        | 7,100                          | 04-07-83            | a12.03 12,200 | 35   |
| 57                           | 02491350       | Hays Creek near Franklinton, LA             | 42.2                             | 1966-                         | 03-24-73                 | 14.69        | 6,700                          | 04-07-83            | 17.06 10,600  | 45   |
| 58                           | 02491500       | Bogue Chitto at Franklinton, LA             | 990                              | 1900, 1928-31, 1938-57, 1976- | 04- 1900 03-30-80        | 29.6 j20.55  | --- 56,700                     | 04-07-83            | 24.69 125,000 | >100   |
| 59                           | 02491700       | Lawrence Creek near Franklinton, LA         | 44.2                             | 1964-                         | 03-24-73                 | 14.30        | 12,600                         | 04-07-83            | 15.32 16,000  | 60   |
| 60                           | 02491800       | Bogue Chitto at Eron, LA                    | 1,107                            | 1949-63, 1973-                | 02-23-61                 | k105.62      | ---                            | 04-08-83            | 38.02 ---     | ---  |
| 61                           | 02492000       | Bogue Chitto near Bush, LA                  | 1,213                            | 1937-                         | 03-31-80                 | 17.31        | 57,400                         | 04-08-83            | 21.22 131,700 | >100   |
| 62                           | 02492360       | West Hobolochitto Creek near McNeill, MS    | 175                              | 1961, 1966-                   | 12-10-61 04-04-79        | a24.96 22.58 | --- 14,600                     | 04-07-83            | 23.25 b18,000 | 25   |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                      | Station number | Station name and location               | Drainage area (mi <sup>2</sup> ) | Period of record     | Flood data                       |                         |                                |                     |            |                                |                   |
|------------------------------|----------------|---|----------------------------------|----------------------|----------------------------------|-------------------------|--------------------------------|---------------------|------------|--------------------------------|-------------------|
|                              |                |   |                                  |                      | Previous flood of record         |                         |                                | Flood of April 1983 |            |                                |                   |
|                              |                |   |                                  |                      | Date                             | G.Ht. (ft)              | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| PEARL RIVER BASIN--Continued |                |   |                                  |                      |                                  |                         |                                |                     |            |                                |                   |
| 63                           | 02492600       | Pearl River at Pearl River, LA          | 8,494                            | 1874, 1964-70, 1975- | 1874                             | 20.2                    | ---                            | 04-09-83            | 21.05      | 230,000                        | > 100             |
| 64                           | 02492663       | French Branch near Slidell, LA          | ---                              | 1966-                | 08-17-69                         | 12.40                   | ---                            | 04-09-83            | 11.72      | ---                            | ---               |
| BAYOU PIERRE BASIN           |                |   |                                  |                      |                                  |                         |                                |                     |            |                                |                   |
| 65                           | 07290525       | Whiteoak Creek tributary near Utica, MS | 1.36                             | 1965-                | 11-28-64                         | 11.26                   | 1,230                          | 04-06-83            | 8.48       | 607                            | 3                 |
| 66                           | 07290690       | Clarks Creek near Pattison, MS          | 77.4                             | 1961-                | 04-12-80                         | 27.90                   | 31,000                         | 04-06-83            | 21.95      | 12,800                         | 4                 |
| 67                           | 07290830       | Little Creek near Fayette, MS           | 1.71                             | 1966-                | 03-31-76                         | 13.80                   | 1,470                          | 04-06-83            | 11.02      | 1,000                          | 4                 |
| 68                           | 07290870       | Coles Creek near Fayette, MS            | 257                              | 1961-                | 04-12-74                         | 31.96                   | 75,000                         | 04-06-83            | 30.04      | 46,000                         | 4                 |
| HOMOCHITTO RIVER BASIN       |                |   |                                  |                      |                                  |                         |                                |                     |            |                                |                   |
| 69                           | 07291000       | Homochitto River at Eddiceton, MS       | 180                              | 1939-                | 04-13-74                         | 19.53                   | 55,400                         | 04-06-83            | 16.43      | 36,700                         | 15                |
| 70                           | 07291250       | McCall Creek near Lucien, MS            | 60                               | 1952-                | 04-13-74<br>05-08-78             | 92.70<br>91.58          | 23,000<br>26,000               | 04-06-83            | 89.08      | 15,500                         | 10                |
| 71                           | 07292500       | Homochitto River at Rosetta, MS         | 750                              | 1949-                | 03-31-49<br>05-04-53<br>04-13-74 | 37.80<br>36.03<br>28.60 | ---<br>59,400<br>150,000       | 04-06-83            | a23.36     | 106,000                        | 6                 |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                 | Station number | Station name and location                 | Drainage area (mi <sup>2</sup> ) | Period of record        | Flood data               |            |                                |                     |            |                                |                   |
|-------------------------|----------------|---|----------------------------------|-------------------------|--------------------------|------------|--------------------------------|---------------------|------------|--------------------------------|-------------------|
|                         |                |   |                                  |                         | Previous flood of record |            |                                | Flood of April 1983 |            |                                |                   |
|                         |                |   |                                  |                         | Date                     | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| BUFFALO RIVER BASIN     |                |   |                                  |                         |                          |            |                                |                     |            |                                |                   |
| 72                      | 07295000       | Buffalo River near Woodville, MS          | 182                              | 1942-                   | 03-25-73                 | a22.3      | 65,000                         | 04-05-83            | 19.95      | 35,100                         | 4                 |
| THOMPSON CREEK BASIN    |                |   |                                  |                         |                          |            |                                |                     |            |                                |                   |
| 73                      | 07373450       | Thompson Creek at Jackson, LA             | 99.3                             | 1949-59, 1972-73, 1975- | 03-24-73                 | k92.26     | 40,300                         | 04-06-83            | k88.54     | 22,200                         | 3                 |
| 74                      | 07373550       | Moore's Branch near Woodville, MS         | 0.21                             | 1955-                   | 03-24-73                 | 9.90       | 455                            | 04-05-83            | 6.57       | 309                            | 15                |
| 75                      | 07373700       | Thompson Creek near Starhill, LA          | 249                              | 1949-68, 1973, 1975-    | 04-22-79                 | 47.62      | ---                            | 04-06-83            | 47.61      | ---                            | ---               |
| 76                      | 07373800       | Alexander Creek near St. Francisville, LA | 23.9                             | 1953-68, 1971-73, 1975- | 05-18-53                 | 14.18      | 11,700                         | 04-06-83            | 12.20      | 7,540                          | 6                 |
| BAYOU BATON ROUGE BASIN |                |   |                                  |                         |                          |            |                                |                     |            |                                |                   |
| 77                      | 07373900       | Bayou Baton Rouge above Baker, LA         | 13.7                             | 1953-68m, 1975-         | 04-22-77                 | 24.56      | 1,610                          | 04-07-83            | 22.97      | 1,290                          | 3                 |
| 78                      | 07373965       | South Canal near Baker, LA                | ---                              | 1965-                   | 04-22-77 04-13-80        | 19.42 ---  | ---                            | 04-06-83            | 19.44      | 2,430                          | ---               |
| 79                      | 07373970       | Baker Canal at Baker, LA                  | ---                              | 1962-                   | 10-04-64                 | k73.35     | ---                            | 04-06-83            | k64.02     | ---                            | ---               |

Table 2.--Summary of peak stages and discharges--Continued

| Map No. | Station number | Station name and location                           | Drainage area (mi <sup>2</sup> ) | Period of record | Flood data               |            |                                |                     |            |                             |       |
|---------|----------------|---|----------------------------------|------------------|--------------------------|------------|--------------------------------|---------------------|------------|-----------------------------|-------|
|         |                |   |                                  |                  | Previous flood of record |            |                                | Flood of April 1983 |            |                             |       |
|         |                |   |                                  |                  | Date                     | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge Frequency (years) |       |
| 80      | 07373980       | Baker Canal near Baker, LA                          | ---                              | 1962-            | 04-28-62                 | k65.22     | ---                            | 04-06-83            | k54.11     | ---                         | ---   |
| 81      | 07373993       | Monte Sano Bayou at Ryan Airport at Baton Rouge, LA | ---                              | 1975-            | 11-25-79                 | k59.33     | ---                            | 04-06-83            | k56.67     | ---                         | ---   |
| 82      | 07373996       | Monte Sano Bayou at Baton Rouge, LA                 | ---                              | 1975-            | 04-22-79                 | k46.83     | ---                            | 04-06-83            | k41.16     | ---                         | ---   |
| 83      | 07374570       | Oakes diversion channel at Slidell, LA              | ---                              | 1966-            | 05-23-74                 | 8.95       | ---                            | 04-09-83            | a13.66     | ---                         | ---   |
| 84      | 07374700       | Tchefuncta River near Franklinton, LA               | 53.1                             | 1949-68, 1975-   | 11-13-61                 | 47.29      | 8,600                          | 04-06-83            | 51.04      | 26,900                      | > 100 |
| 85      | 07375000       | Tchefuncta River near Folsom, LA                    | 95.5                             | 1944-            | 05-03-53                 | 22.26      | 29,200                         | 04-06-83            | 24.12      | 29,800                      | 45    |
| 86      | 07375170       | Bogue Falaya at Covington, LA                       | 88.2                             | 1964-            | 04-27-64                 | 19.66      | 8,610                          | 04-08-83            | a23.58     | 12,700                      | 70    |
| 87      | 07375222       | Abita River north of Abita Springs, LA              | 46.1                             | 1966-            | 03-29-80                 | k24.07     | 4,750                          | 04-08-83            | k23.66     | 4,330                       | 7     |
| 88      | 07375235       | Tangipahoa River tributary near McComb, MS          | 2.71                             | 1966-            | 03-24-73                 | 10.23      | 1,460                          | 04-06-83            | 8.23       | 1,040                       | 10    |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                           | Station number | Station name and location                  | Drainage area (mi <sup>2</sup> ) | Period of record        | Flood data               |  |                     |   |      |
|-----------------------------------|----------------|--|----------------------------------|-------------------------|--------------------------|--|---------------------|---|------|
|                                   |                |  |                                  |                         | Previous flood of record |  | Flood of April 1983 |   |      |
|                                   |                |  |                                  |                         | Date                     | G.Ht. (ft)<br>Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft)<br>Discharge (ft <sup>3</sup> /s)<br>Frequency (years) |      |
| MISSISSIPPI RIVER DELTA-Continued |                |  |                                  |                         |                          |  |                     |   |      |
| 89                                | 07375300       | Tangipahoa River near Kentwood, LA         | n296                             | 1951-68, 1974-          | 04-26-80                 | 16.12<br>30,800                              | 04-07-83            | a17.20<br>43,000  | >100 |
| 90                                | 07375307       | Terrys Creek near Kentwood, LA             | 52.0                             | 1966-                   | 05-23-74                 | 14.33<br>18,900                              | 04-07-83            | 14.40<br>19,600   | 20   |
| 91                                | 07375410       | Tangipahoa River at Tangipahoa, LA         | 340                              | 1959-65, 1967-75, 1977- | 05-23-74                 | k169.34<br>---                               | 04-07-83            | q170.88<br>---  | ---  |
| 92                                | 07375420       | Tangipahoa River at Arcola, LA             | 381                              | 1959-65, 1967-          | 05-23-74                 | 26.67<br>---                                 | 04-07-83            | 28.31<br>---  | ---  |
| 93                                | 07375463       | Chappeeela Creek near Husser, LA           | 31.7                             | 1966-                   | 03-25-73                 | 27.71<br>9,020                               | 04-07-83            | 30.04<br>18,000   | >100 |
| 94                                | 07375480       | Chappeeela Creek southeast of Loranger, LA | 91.0                             | 1964-                   | 03-25-73                 | 16.12<br>18,500                              | 04-07-83            | 18.69<br>30,800   | 60   |
| 95                                | 07375500       | Tangipahoa River at Robert, LA             | 646                              | 1921, 1939-             | 1921<br>05-03-53         | a27.1<br>23.13<br>50,500                     | 04-08-83            | a25.87<br>86,000  | >100 |
| 96                                | 07375800       | Tickfaw River at Liverpool, LA             | 89.7                             | 1956-                   | 04-22-77<br>03-29-80     | 12.18<br>---<br>18,000                       | 04-06-83            | 13.30<br>32,000   | >100 |
| 97                                | 07375960       | Tickfaw River at Montpelier, LA            | 220                              | 1951-66, 1974-          | 05-23-74                 | k108.31<br>28,400                            | 04-07-83            | k108.10<br>27,500   | 45   |
| 98                                | 07376000       | Tickfaw River at Holden, LA                | 247                              | 1941-                   | 05-23-74                 | 20.37<br>19,000                              | 04-08-83            | a21.04<br>22,400  | 50   |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                            | Station number | Station name and location                     | Drainage area (mi <sup>2</sup> ) | Period of record | Flood data               |              |                                |                     |            |                                |                   |
|------------------------------------|----------------|---|----------------------------------|------------------|--------------------------|--------------|--------------------------------|---------------------|------------|--------------------------------|-------------------|
|                                    |                |   |                                  |                  | Previous flood of record |              |                                | Flood of April 1983 |            |                                |                   |
|                                    |                |   |                                  |                  | Date                     | G.Ht. (ft)   | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| MISSISSIPPI RIVER DELTA--Continued |                |   |                                  |                  |                          |              |                                |                     |            |                                |                   |
| 99                                 | 07376290       | Blood River near Springfield, LA              | 26.6                             | 1964-69, 1971-   | 04-17-67                 | 17.99        | 2,190                          | 04-08-83            | 19.94      | 4,100                          | >100              |
| 100                                | 07376500       | Natalbany River at Baptist, LA                | 79.5                             | 1944-            | 05-03-53                 | 19.73        | 9,550                          | 04-07-83            | 20.69      | 9,640                          | 45                |
| 101                                | 07376520       | Little Natalbany River at Albany, LA          | 40.6                             | 1966-            | 04-15-67                 | 30.95        | 6,880                          | 04-07-83            | 34.07      | 6,200                          | 20                |
| 102                                | 07376760       | CRS Draw near Liberty, MS                     | 0.80                             | 1955, 1965-      | 06-08-75                 | 11.81        | 993                            | 04-05-83            | 7.94       | 476                            | 6                 |
| 103                                | 07377000       | Amite River near Darlington, LA               | 580                              | 1949-            | 04-22-77                 | 21.76        | 76,400                         | 04-07-83            | 20.29      | 55,900                         | 10                |
| 104                                | 07377150       | Amite River at Grangeville, LA                | 741                              | 1951-63p, 1964-  | 04-14-55                 | 118.31       | 63,800                         | 04-07-83            | 111.29     | ---                            | ---               |
| 105                                | 07377190       | Sandy Creek southeast of Clinton, LA          | 17.2                             | 1966-            | 04-22-77                 | 14.96        | 7,310                          | 04-06-83            | 16.22      | 13,000                         | 50                |
| 106                                | 07377210       | Sandy Creek near Pride, LA                    | 69.9                             | 1976-            | 04-22-77                 | 20.03        | 8,740                          | 04-06-83            | 21.32      | 11,500                         | 15                |
| 107                                | 07377215       | Little Sandy Creek near Milldale, LA          | ---                              | 1974-            | 04-14-80                 | 13.81        | ---                            | 04-06-83            | 14.42      | ---                            | ---               |
| 108                                | 07377240       | Little Sandy Creek near Greenwell Springs, LA | 28.2                             | 1975-            | 04-21-77<br>04-22-79     | 24.47<br>--- | ---                            | 04-06-83            | 26.69      | 12,500                         | ---               |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                            | Station number | Station name and location                         | Drainage area (mi <sup>2</sup> ) | Period of record | Flood data.              |              |                                |                     |            |                                |                   |
|------------------------------------|----------------|---|----------------------------------|------------------|--------------------------|--------------|--------------------------------|---------------------|------------|--------------------------------|-------------------|
|                                    |                |   |                                  |                  | Previous flood of record |              |                                | Flood of April 1983 |            |                                |                   |
|                                    |                |   |                                  |                  | Date                     | G.Ht. (ft)   | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| MISSISSIPPI RIVER DELTA--Continued |                |   |                                  |                  |                          |              |                                |                     |            |                                |                   |
| 109                                | 07377300       | Amite River at Magnolia, LA                       | 884                              | 1949-            | 04-23-77                 | k51.91       | 85,100                         | 04-08-83            | k50.95     | 76,000                         | 50                |
| 110                                | 07377400       | Comite River near Clinton, LA                     | 112                              | 1949-65, 1969-   | 04-22-77                 | k180.11      | 27,600                         | 04-06-83            | k179.40    | ---                            | ---               |
| 111                                | 07377500       | Comite River near Olive Branch, LA                | 145                              | 1943-            | 03-18-61<br>04-22-77     | 23.37<br>--- | ---                            | 04-06-83            | 19.70      | 20,100                         | 15                |
| 112                                | 07377700       | Redwood Creek near Slaughter, LA                  | 41.1                             | 1966-            | 04-22-77                 | 18.60        | 4,160                          | 04-06-83            | 18.63      | 12,100                         | >100              |
| 113                                | 07377750       | Comite River near Zachary, LA                     | 230                              | 1951-            | 04-22-77                 | k89.95       | 23,700                         | 04-07-83            | k88.30     | ---                            | ---               |
| 114                                | 07377760       | Comite River at Comite Drive near Baton Rouge, LA | ---                              | 1962-            | 04-29-62                 | k64.25       | ---                            | 04-07-83            | k65.87     | ---                            | ---               |
| 115                                | 07377780       | White Bayou, at Highway 64, near Zachary, LA      | ---                              | 1962-75, 1977-   | 04-29-62                 | k92.04       | ---                            | 04-07-83            | k92.26     | ---                            | ---               |
| 116                                | 07377782       | White Bayou southeast of Zachary, LA              | 45                               | 1965-            | 04-23-79                 | 23.05        | 4,480                          | 04-06-83            | 23.24      | 4,600                          | 20                |
| 117                                | 07377840       | White Bayou near Baton Rouge, LA                  | ---                              | 1962-            | 04-13-69                 | k72.10       | ---                            | 04-07-83            | q73.23     | ---                            | ---               |
| 118                                | 07377842       | White Bayou near Baker, LA                        | ---                              | 1973-            | 04-23-77                 | 17.25        | 661                            | 04-07-83            | 16.78      | 890                            | 80                |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                            | Station number | Station name and location                         | Drainage area (mi <sup>2</sup> ) | Period of record  | Flood data               |              |                                |                     |            |                                |
|------------------------------------|----------------|---|----------------------------------|-------------------|--------------------------|--------------|--------------------------------|---------------------|------------|--------------------------------|
|                                    |                |   |                                  |                   | Previous flood of record |              |                                | Flood of April 1983 |            |                                |
|                                    |                |   |                                  |                   | Date                     | G.Ht. (ft)   | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) |
| MISSISSIPPI RIVER DELTA--Continued |                |   |                                  |                   |                          |              |                                |                     |            |                                |
| 119                                | 07377900       | Cypress Bayou at Plank Road, near Baton Rouge, LA | ---                              | 1962-65, 1967-    | 04-14-67                 | k 59.27      | ---                            | 04-07-83            | k 56.81    | ---                            |
| 120                                | 07377920       | Cypress Bayou at Hooper Road near Baton Rouge, LA | ---                              | 1962-             | 04-22-77                 | k 53.88      | ---                            | 04-07-83            | k 56.42    | ---                            |
| 121                                | 07377933       | Blackwater Bayou near Fred, LA                    | ---                              | 1975-             | 04-21-77                 | 11.79        | ---                            | 04-07-83            | 12.35      | ---                            |
| 122                                | 07377940       | Blackwater Bayou near Baton Rouge, LA             | 14.1                             | 1962-63, 1965-    | 04-29-62                 | k 56.42      | ---                            | 04-07-83            | k 56.20    | ---                            |
| 123                                | 07378000       | Comite River near Comite, LA                      | 284                              | 1944-             | 05-19-53<br>04-23-77     | 30.64<br>--- | 24,100                         | 04-07-83            | 29.72      | 28,000<br>40                   |
| 124                                | 07378008       | Hurricane Creek at Baton Rouge, LA                | ---                              | 1967-             | 11-06-73                 | k 55.72      | ---                            | 04-07-83            | k 51.13    | ---                            |
| 125                                | 07378010       | Hurricane Creek near Baton Rouge, LA              | ---                              | 1953, 1955, 1962- | 05-18-53                 | k 51.30      | ---                            | 04-07-83            | q 51.04    | ---                            |
| 126                                | 07378015       | Roberts Canal at Baton Rouge, LA                  | ---                              | 1967-             | 04-14-67                 | k 55.35      | ---                            | 04-07-83            | k 51.55    | ---                            |
| 127                                | 07378020       | Roberts Canal near Baton Rouge, LA                | ---                              | 1962-             | 04-14-67                 | k 49.08      | ---                            | 04-07-83            | q 51.11    | ---                            |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                            | Station number | Station name and location                                    | Drainage area (mi <sup>2</sup> ) | Period of record | Flood data               |            |                                |                     |            |                                |
|------------------------------------|----------------|--|----------------------------------|------------------|--------------------------|------------|--------------------------------|---------------------|------------|--------------------------------|
|                                    |                |  |                                  |                  | Previous flood of record |            |                                | Flood of April 1983 |            |                                |
|                                    |                |  |                                  |                  | Date                     | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) |
| MISSISSIPPI RIVER DELTA--Continued |                |  |                                  |                  |                          |            |                                |                     |            |                                |
| 128                                | 07378050       | Comite River at Greenwell Springs Road, near Baton Rouge, LA | ---                              | 1962             | 04-22-77                 | k47.05     | ---                            | 04-08-83            | k49.42     | ---                            |
| 129                                | 07378070       | Beaver Bayou near Fred, LA                                   | 0.17                             | 1975-            | 05-06-81                 | 12.46      | ---                            | 04-06-83            | 12.46      | ---                            |
| 130                                | 07378075       | Beaver Bayou at Denham Road, Baton Rouge, LA                 | ---                              | 1972             | 05-05-81                 | 16.55      | ---                            | 04-07-83            | 15.45      | ---                            |
| 131                                | 07378083       | Beaver Bayou at Hooper Road, near Baton Rouge, LA            | ---                              | 1983-            | ---                      | ---        | ---                            | 04-07-83            | 11.98      | ---                            |
| 132                                | 07378091       | Beaver Bayou tributary at Hooper Road, near Baton Rouge, LA  | ---                              | 1983-            | ---                      | ---        | ---                            | 04-07-83            | k60.64     | ---                            |
| 133                                | 07378100       | Beaver Bayou at Wax Road, near Baton Rouge, LA               | ---                              | 1972-            | 03-24-73                 | 17.36      | ---                            | 04-07-83            | 17.47      | ---                            |
| 134                                | 07378500       | Amite River near Denham Springs, LA                          | 1,280                            | 1921, 1939-      | 04-23-77                 | k41.08     | 110,000                        | 04-08-83            | q41.50     | 112,000 70                     |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                            | Station number | Station name and location                              | Drainage area (mi <sup>2</sup> ) | Period of record | Flood data               |            |                                |          |            |                                |                   |
|------------------------------------|----------------|--|----------------------------------|------------------|--------------------------|------------|--------------------------------|----------|------------|--------------------------------|-------------------|
|                                    |                |  |                                  |                  | Previous flood of record |            | Flood of April 1983            |          |            |                                |                   |
|                                    |                |  |                                  |                  | Date                     | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Date     | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| MISSISSIPPI RIVER DELTA--Continued |                |  |                                  |                  |                          |            |                                |          |            |                                |                   |
| 135                                | 07378510       | Amite River at 4H-Camp, near Denham Springs, LA        | 1,290                            | 1946-75, 1977-   | 04-23-77                 | k38.21     | ---                            | 04-08-83 | q38.13     | ---                            | ---               |
| 136                                | 07378595       | Jones Creek at Airline Highway at Baton Rouge, LA      | ---                              | 1967-            | 09-06-77                 | k49.81     | ---                            | 04-07-83 | k46.75     | ---                            | ---               |
| 137                                | 07378600       | Jones Creek at Florida Boulevard at Baton Rouge, LA    | ---                              | 1962-            | 04-14-67                 | k45.69     | ---                            | 04-07-83 | k42.00     | ---                            | ---               |
| 138                                | 07378635       | Lively Bayou northeast of Baton Rouge, LA              | ---                              | 1967-            | 04-14-67                 | k44.58     | ---                            | 04-07-83 | k39.64     | ---                            | ---               |
| 139                                | 07378640       | Lively Bayou east of Baton Rouge, LA                   | ---                              | 1967-            | 09-06-77                 | k41.20     | ---                            | 04-07-83 | k38.12     | ---                            | ---               |
| 140                                | 07378645       | Lively Bayou southeast of Baton Rouge, LA              | ---                              | 1967-            | 09-06-77                 | k40.18     | ---                            | 04-07-83 | k34.71     | ---                            | ---               |
| 141                                | 07378650       | Jones Creek at Old Hammond Highway, at Baton Rouge, LA | ---                              | 1962-            | 09-06-77                 | k39.18     | ---                            | 04-07-83 | k35.07     | ---                            | ---               |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                            | Station number | Station name and location                              | Drainage area (mi <sup>2</sup> ) | Period of record | Flood data               |            |                                |                     |            |                                |                   |  |
|------------------------------------|----------------|--|----------------------------------|------------------|--------------------------|------------|--------------------------------|---------------------|------------|--------------------------------|-------------------|--|
|                                    |                |  |                                  |                  | Previous flood of record |            |                                | Flood of April 1983 |            |                                |                   |  |
|                                    |                |  |                                  |                  | Date                     | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |  |
| MISSISSIPPI RIVER DELTA--Continued |                |  |                                  |                  |                          |            |                                |                     |            |                                |                   |  |
| 142                                | 07378670       | Weiner Creek near Baton Rouge, LA                      | ---                              | 1967-            | 03-25-76                 | k43.65     | ---                            | 04-07-83            | k42.09     | ---                            | ---               |  |
| 143                                | 07378700       | Jones Creek near Woodlawn School, near Baton Rouge, LA | 19.5                             | 1967-            | 04-23-77                 | k32.00     | ---                            | 04-08-83            | q31.80     | ---                            | ---               |  |
| 144                                | 07378710       | Amite River near Baton Rouge, LA                       | ---                              | 1968-79, 1981-   | 04-23-77                 | k28.39     | ---                            | 04-08-83            | q29.23     | ---                            | ---               |  |
| 145                                | 07378720       | Clay Cut Bayou at Siegen Lane, near Baton LA           | ---                              | 1967-            | 04-13-69                 | k29.98     | ---                            | 04-08-83            | k26.73     | ---                            | ---               |  |
| 146                                | 07378725       | Clay Cut Bayou near Hope Villa, LA                     | ---                              | 1967-            | 04-16-67                 | k25.71     | ---                            | 04-08-83            | k25.94     | ---                            | ---               |  |
| 147                                | 07378780       | Bayou Fountain at Ben Hur Road, near Baton Rouge, LA   | ---                              | 1962-            | 10-04-64                 | k19.43     | ---                            | 04-08-83            | k17.64     | ---                            | ---               |  |
| 148                                | 07378788       | Elbow Bayou at Ben Hur Road, near Baton Rouge, LA      | ---                              | 1981-            | 02-06-81                 | k17.15     | ---                            | 04-07-83            | k18.34     | ---                            | ---               |  |
| 149                                | 07378790       | Elbow Bayou tributary at Baton Rouge, LA               | ---                              | 1967-75, 1981-   | 02-06-81                 | k18.07     | ---                            | 04-07-83            | k17.48     | ---                            | ---               |  |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                            | Station number | Station name and location   | Drainage area (mi <sup>2</sup> ) | Period of record        | Flood data               |  |                     |   |     |
|------------------------------------|----------------|---|----------------------------------|-------------------------|--------------------------|--|---------------------|---|-----|
|                                    |                |   |                                  |                         | Previous flood of record |  | Flood of April 1983 |   |     |
|                                    |                |   |                                  |                         | Date                     | G.Ht. (ft)<br>Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft)<br>Discharge (ft <sup>3</sup> /s)<br>Frequency (years) |     |
| MISSISSIPPI RIVER DELTA--Continued |                |   |                                  |                         |                          |  |                     |   |     |
| 150                                | 07378792       | Elbow Bayou at Hwy 30, at Baton Rouge, LA                         | ---                              | 1981-                   | 02-06-81                 | k16.24                                       | 04-07-83            | k17.08  | --- |
| 151                                | 07378800       | Bayou Fountain at Gardere Lane, near Baton Rouge, LA              | ---                              | 1962-66, 1969-          | 02-12-66                 | k16.61                                       | 04-08-83            | k15.58  | --- |
| 152                                | 07378805       | Bayou Fountain tributary at Baton Rouge, LA                       | ---                              | 1967-                   | 04-22-79                 | k14.38                                       | 04-08-83            | k14.30  | --- |
| 153                                | 07379000       | Ward Creek at Government Street at Baton Rouge, LA                | 4.04                             | 1954-67, 1969-73, 1975- | 05-03-54                 | k46.44                                       | 04-06-83            | k40.07  | --- |
| 154                                | 07379010       | Ward Creek at College Drive, at Baton Rouge, LA                   | ---                              | 1967-                   | 04-14-67                 | k41.40                                       | 04-07-83            | k36.65  | --- |
| 155                                | 07379050       | Ward Creek at Essen Lane, near Baton Rouge, LA                    | ---                              | 1962-71, 1975-          | 09-06-77                 | k29.20                                       | 04-07-83            | k26.79  | --- |
| 156                                | 07379090       | North Branch Ward Creek at Goodwood Boulevard, at Baton Rouge, LA | ---                              | 1968-                   | 08-01-75                 | k40.91                                       | 04-07-83            | k36.66  | --- |

Table 2.--Summary of peak stages and discharges---Continued

| Map No.                             | Station number | Station name and location                          | Drainage area (mi. <sup>2</sup> ) | Period of record | Flood data               |            |                                |                     |            |                                |
|-------------------------------------|----------------|--|-----------------------------------|------------------|--------------------------|------------|--------------------------------|---------------------|------------|--------------------------------|
|                                     |                |  |                                   |                  | Previous flood of record |            |                                | Flood of April 1983 |            |                                |
|                                     |                |  |                                   |                  | Date                     | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) |
| MISSISSIPPI RIVER DELTA---Continued |                |  |                                   |                  |                          |            |                                |                     |            |                                |
| 157                                 | 07379100       | North Branch Ward Creek, at Baton Rouge, LA        | ---                               | 1962-            | 04-29-62                 | k31.82     | ---                            | 04-07-83            | k11.32     | ---                            |
| 158                                 | 07379550       | Bayou Duplantier at Lee Drive, at Baton Rouge, LA  | ---                               | 1962-            | 04-14-67                 | k23.69     | ---                            | 04-07-83            | k20.31     | ---                            |
| 159                                 | 07379950       | Dawson Creek at Staring Lane, near Baton Rouge, LA | ---                               | 1962-            | 04-14-67                 | k23.15     | ---                            | 04-07-83            | k20.19     | ---                            |
| 160                                 | 07380000       | Ward Creek at Siegen Lane, near Baton Rouge, LA    | 40.0                              | 1947-68, 1972-   | 05-03-53                 | k24.70     | 3,840                          | 04-06-83            | k19.23     | ---                            |
| 161                                 | 07380103       | Muddy Creek at Prairieville, LA                    | ---                               | 1980-            | 05-19-80                 | k19.84     | ---                            | 04-09-83            | k19.08     | ---                            |
| 162                                 | 07380108       | Bayou Mancnac near Port Vincent, LA                | 153                               | 1972-            | 04-23-77                 | k17.38     | ---                            | 04-09-83            | q18.85     | ---                            |
| 163                                 | 07380120       | Amite River at Port Vincent, LA                    | 1,596                             | 1955-73, 1976-   | 04-24-77                 | k12.87     | ---                            | 04-09-83            | k14.65     | ---                            |
| 164                                 | 07380126       | Henderson Bayou near Port Vincent, LA              | ---                               | 1980-            | 05-19-80                 | k16.21     | ---                            | 04-09-83            | q22.28     | ---                            |

Table 2.--Summary of peak stages and discharges--Continued

| Map No.                            | Station number | Station name and location            | Drainage area (mi <sup>2</sup> ) | Period of record | Flood data               |            |                                |                     |            |                                |                   |
|------------------------------------|----------------|--------------------------------------|----------------------------------|------------------|--------------------------|------------|--------------------------------|---------------------|------------|--------------------------------|-------------------|
|                                    |                |                                      |                                  |                  | Previous flood of record |            |                                | Flood of April 1983 |            |                                |                   |
|                                    |                |                                      |                                  |                  | Date                     | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Date                | G.Ht. (ft) | Discharge (ft <sup>3</sup> /s) | Frequency (years) |
| MISSISSIPPI RIVER DELTA--Continued |                |                                      |                                  |                  |                          |            |                                |                     |            |                                |                   |
| 165                                | 07380160       | Middle Colyell Creek near Walker, LA | 20.3                             | 1951-            | 04-23-66                 | 8.14       | 2,530                          | 04-07-83            | 6.25       | 1,850                          | 9                 |
| 166                                | 07380223       | New River at Gonzales, LA            | ---                              | 1963-            | 04-22-79                 | k10.15     | ---                            | 04-09-83            | k8.93      | ---                            | ---               |
| 167                                | 07380224       | Black Bayou near Duplessis, LA       | ---                              | 1965-70, 1980-   | 08-30-81                 | k13.13     | ---                            | 04-07-83            | k16.42     | ---                            | ---               |
| 168                                | 07380226       | Bayou Francois near Gonzales, LA     | ---                              | 1963-            | 04-23-66                 | k9.78      | ---                            | 04-09-83            | k6.74      | ---                            | ---               |
| 169                                | 07380227       | Bayou Francois at Gonzales, LA       | ---                              | 1963-            | 04-22-79                 | k9.18      | ---                            | 04-09-83            | k8.01      | ---                            | ---               |
| 170                                | 07380228       | New River at Acy, LA                 | ---                              | 1976-            | 04-24-79                 | 8.99       | ---                            | 04-10-83            | 8.83       | ---                            | ---               |

a - From floodmark.

b - Discharge estimated.

c - At site 3.5 mi downstream at different datum.

d - Regulated by Ross R. Barnett Reservoir, 15 mi upstream.

e - Possible minor regulation by Ross R. Barnett Reservoir, 15 mi upstream.

f - Approximately.

g - Does not include discharge over highway.

h - At site 0.2 mi downstream at same datum.

j - Observed at crest.

k - Elevation, National Geodetic Vertical Datum of 1929.

m - At different datum.

n - Including Terrys Creek.

p - Operated as a crest-stage partial-record station.

q - Elevation, National Geodetic Vertical Datum of 1929; from floodmark.