FLOODS OF DECEMBER 1982 AND JANUARY 1983 IN CENTRAL AND SOUTHERN MISSISSIPPI RIVER BASIN

By Vernon B. Sauer and Janice M. Fulford

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DEFINITION OF TERMS

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

Cubic feet per second (ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second.

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 heights and/or discharges are determined.

Recurrence interval, or frequency, of a flood is the average number of years between exceedances of a particular flood event. 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 (1977).

FACTORS FOR CONVERTING INCH-POUND UNITS TO

INTERNATIONAL SYSTEM (SI) UNITS

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI):

Multiply inch-pound	By	To obtain SI units
	Length	
inches (in)	25.40	millimeters (mm)
feet (ft)	0.3048	meters (m)
miles (mi)	1.609	kilometers (km)
	Area	
square miles (mi^2)	2.590	square kilometers (km^2)
	Flow	
cubic feet per second (ft^3/s)	0.02832	cubic meters per second (m^3/s)

FLOODS OF DECEMBER 1982 AND JANUARY 1983 IN CENTRAL AND SOUTHERN MISSISSIPPI RIVER BASIN

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ABSTRACT

Widespread flooding occurred in December 1982 and early January 1983 through a large part of the central and southern Mississippi River basin. The States affected the most by these floods were Illinois, Missouri, Arkansas, Louisiana, Mississippi, and Tennessee. The flooding was the result of two major storms; one in early December and the other in late December. The early December storm resulted in outstanding floods mainly in Illinois, Missouri, and Arkansas. The late December storm produced major flooding mainly in southeastern Arkansas, Louisiana, and Mississippi. Western Tennessee was on the fringes of both storms. Throughout the affected area for both storms, many streams exceeded previously known flood heights and discharges, and in many cases the recurrence interval of peak discharges exceeded 100 years.

INTRODUCTION

Purpose and Scope

The floods of December 1982 and early January 1983 affected an area, approximately 250 miles wide and 1,000 miles long, through the central and southern part of the United States extending from the Great Lakes to the Gulf of Mexico. This area was roughly centered over the central and southern part of the Mississippi River basin. States that were hardest hit by the flooding included Illinois, Missouri, Arkansas, Louisiana, Mississippi, and Tennessee. Figure 1 shows the 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 affected area. Rainfall data for many rain gages are 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, peak stages, discharges, and recurrence intervals were compiled by U.S. Geological Survey district offices in Illinois, Missouri, Arkansas, Louisiana, Mississippi, and Tennessee.

Figure 1.--Area affected by the floods of December 1982 and January 1983.

STORM CHARACTERISTICS

The two main storms, December 2-7 and December 24-29, 1982, were both related to deep low pressure troughs aloft over Texas and the Southwest. The resulting flow pattern fed warm, wet air over the lower Mississippi River basin and created atmospheric disturbances over the Gulf of Mexico and southeast Texas that encouraged development of the storm systems. Subsequent slow movement of these systems toward the northeast produced tornadoes, severe thunderstorms, and intense rainfall for extended time periods. Additional moderate but spotty rains in December served to maintain a high soil moisture content, thereby contributing to high runoff and extreme floods.

Illinois, Missouri, and Arkansas were affected severely by the December 2-7 storm, whereas the December 24-29 storm had the greatest affect in Louisiana and Mississippi. Western Tennessee was not severely affected by either storm, but had moderate to heavy rainfall from both events which resulted in moderate flooding on some streams.

Provisional rainfall data for many National Weather Service rain gages are given in table 1. However, for some states, rainfall data were available for only a few sites at the time this report was prepared. The accumulated rainfall totals shown in table 1 are for the periods December 2-7 and December 24-29, except as noted.

FLOODS

Peak Stages and Discharges

Peak stages and discharges were determined at many gaging stations and miscellaneous sites throughout the six-state area affected by the flooding. Table 2 lists provisional data for 350 of these sites. Note that table 2 lists only 349 map numbers; however, site 74 is followed by 74a, thus the total of 350 sites. Included in table 2 is a map number corresponding to the numbers on plate 1 which shows the location of each site. General information shown in table 2 includes the downstream order station number, the station name and location, drainage area size, and the period of record for which peak stage and discharge data are available. Peak stage and discharge for the maximum flood previously known is given. The maximum stage and discharge for the early December and late December-early January floods are shown where both are significant. At many sites only one peak is significant and consequently it is the only one listed.

The frequency, or recurrence interval, of the floods, as shown in table 2, is the average number of years between floods equal to or greater than the December or January events. It is emphasized that this is an average number of years, and it does not imply that it will be that many years before another event of that magnitude occurs. In fact, similar or greater events can occur within the same year, as indicated by some stations where two outstanding peaks occurred in December. 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 (1977), were used to compute individual station frequency curves.

Many of the outstanding peaks during December were on the large streams because of the generally widespread and long duration of the rainfall. Previous peaks of record were exceeded and recurrence intervals were greater than 100 years at many sites. A few of the outstanding flood peaks are described in the following paragraphs; however, there are too many to cite all of them. The reader can refer to table 2 for a comparison of flood peaks in any particular area of interest.

Illinois was affected most severely by the early December storm, with several streams exceeding previously known maximum floods. The Illinois River at Marseilles, for instance, exceeded the previous maximum by 1.5 feet for the period dating back to 1919. The December 5 flood peak of 94,100 ft^3/s has a frequency estimated to be 90 years.

Missouri, like Illinois, was affected most by the early December storm and also had many new peaks of record established as a result of this storm. As an example, the Gasconade River exceeded previous maximum flood by 2.3 and 4.1 feet, respectively, at Jerome (since 1897) and Rich Fountain (since 1922). For both stations the frequency of the peak discharges was greater than 100 years.

Arkansas had severe flooding caused by the early December storm, and the southeastern part of the State received additional flooding from the late December storm. Peaks of record were exceeded at many locations in Arkansas. An outstanding example occurred near Poughkeepsie on the Strawberry River where the maximum peak since 1936 was exceeded by 6.6 feet and the December 3 peak discharge of 158,000 ft^3/s is more than three times the previous maximum. This flood was greater than a 100-year event.

Large flood peaks in Mississippi were mostly in the western part of the State. Only a few really outstanding peaks occurred because Mississippi was on the eastern fringe of the storms. The Yalobusha River at Calhoun City exceeded the previous maximum since 1950 by 0.5 foot. The December 26 peak discharge of 70,600 ft^3/s had a frequency greater than 100 years.

Louisiana was affected by both the early and late December storms, but the late December storm was the most severe. The Little River near Rochelle exceeded the previous maximum since 1958 by 5.6 feet. The December 29 peak discharge of 108,000 ft^3/s was nearly twice as large as the previous maximum and had a frequency in excess of 100 years.

The main stem of the Mississippi River, although not exceeding any previous maximum floods, had fairly high peaks from Illinois downstream to its mouth. The peak discharges in the lower reaches exceeded 1 million ft^3/s, with a peak on January 11 of almost 1.2 million ft^3/s at Tarbert Landing, Miss. The Atchafalaya River, a distributary of the Mississippi River, had a peak discharge on January 12 of 513,000 ft^3/s at Simmesport, La.

Flood Hydrographs

Daily discharge hydrographs for the month of December 1982 and part of January 1983 are shown in figure 2. These hydrographs are for selected gaging stations to show the relative magnitude of flooding for the early and late December floods in various parts of the study area. The hydrographs illustrate again that the northern part of the study area had the most severe flooding in early December and the southern part had the most severe flooding in late December.

Additional Information

Additional information on floods during December 1982 and January 1983 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:

Arkansas

Federal Office Building
Room 2301
700 West Capitol Avenue
Little Rock, Arkansas 72201

Illinois

Champaign County Bank Plaza
102 East Main Street, 4th Floor
Urbana, Illinois 61801

Louisiana

P.O. Box 66492
Baton Rouge, Louisiana 70896

Mississippi

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

Missouri

1400 Independence Road
Main Stop 200
Rolla, Missouri 65401

Tennessee

A-413 Federal Building
U.S. Courthouse
Nashville, Tennessee 37203

SELECTED REFERENCES

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Colson, B. E., and Hudson, J. W., 1976, Flood frequency of Mississippi streams: Mississippi State Highway Department, 34 p.

Curtis, G. W., 1977, Technique for estimating magnitude and frequency of floods in Illinois: U.S. Geological Survey Water-Resources Investigations 77-117 (PB-277 255/AS), 70 p.

Hauth, L. D., 1974, A technique for estimating the magnitude and frequency of Missouri floods: U.S. Geological Survey Open-File Report.

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Neely, B. L., Jr., 1976, Floods in Louisiana, magnitude and frequency, 3d Edition 1976: Louisiana Department of Highways, 340 p.

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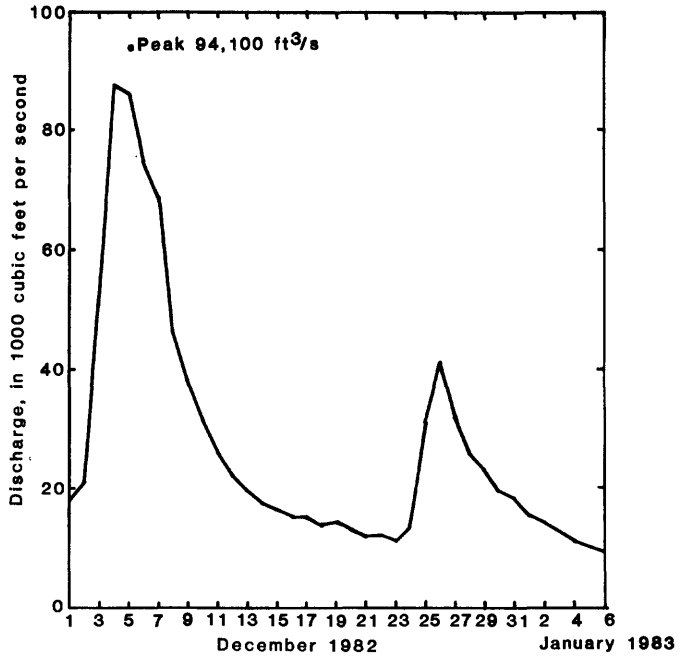
Randolph, W. J., and Gamble, C. R., 1976, A technique for estimating magnitude and frequency of floods in Tennessee: Tennessee Department of Transportation, 52 p.

Spencer, D. W., and Alexander, T. W., 1978, Technique for estimating the magnitude and frequency of floods in St. Louis County, Missouri: U.S. Geological Survey Water-Resources Investigations 78-139 (PB-298 245/AS), 23 p.

Water Resources Council, 1977, Guidelines for determining flood flow frequency: U.S. Water Resources Council Bulletin 17A, 26 p.



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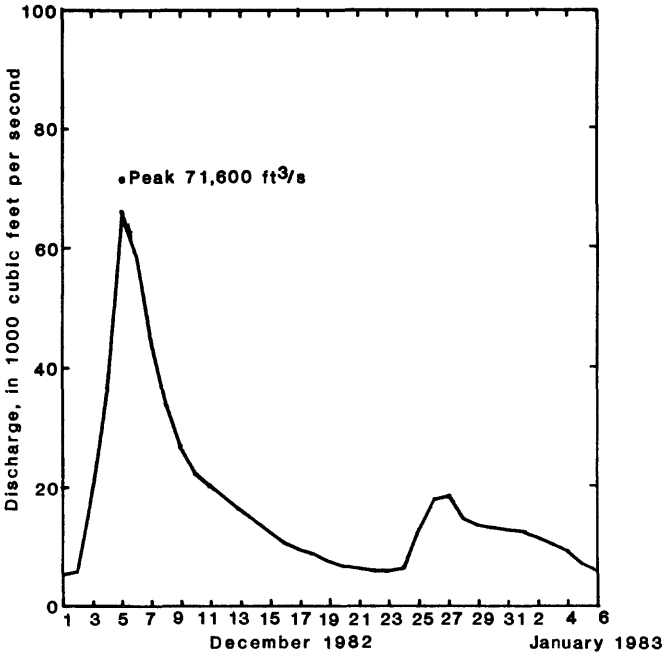

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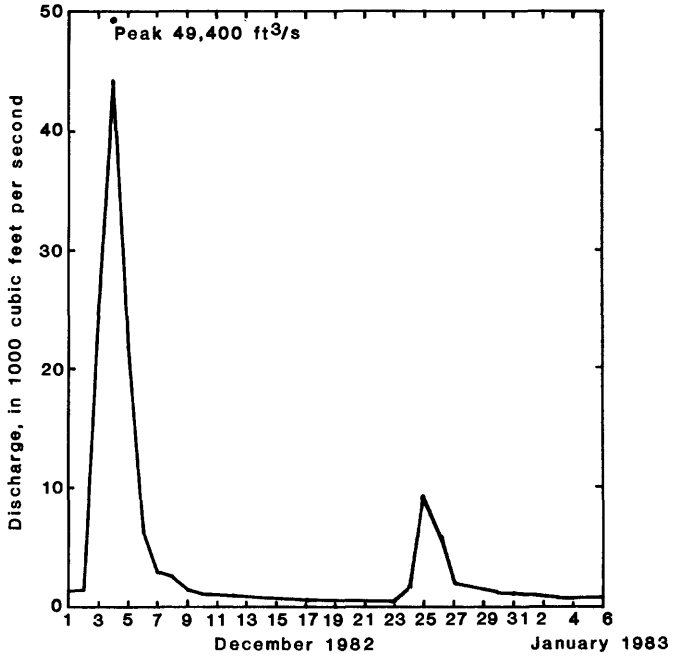

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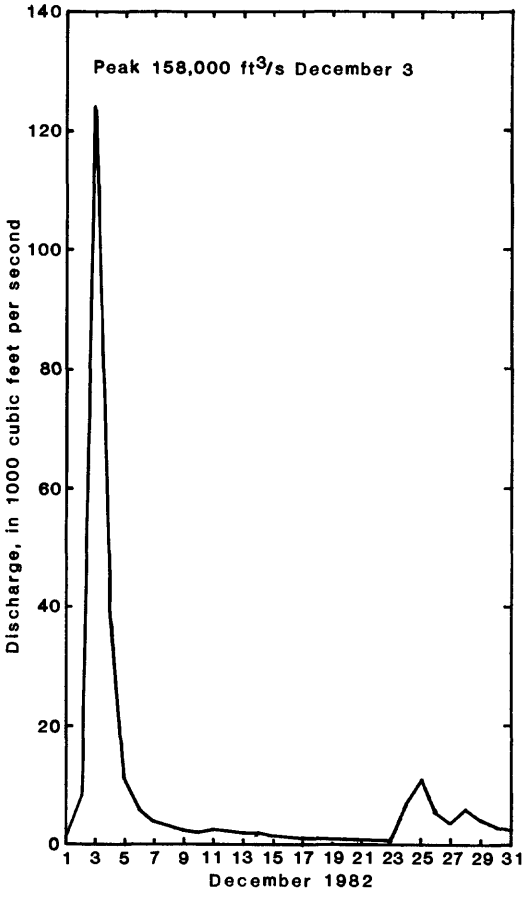
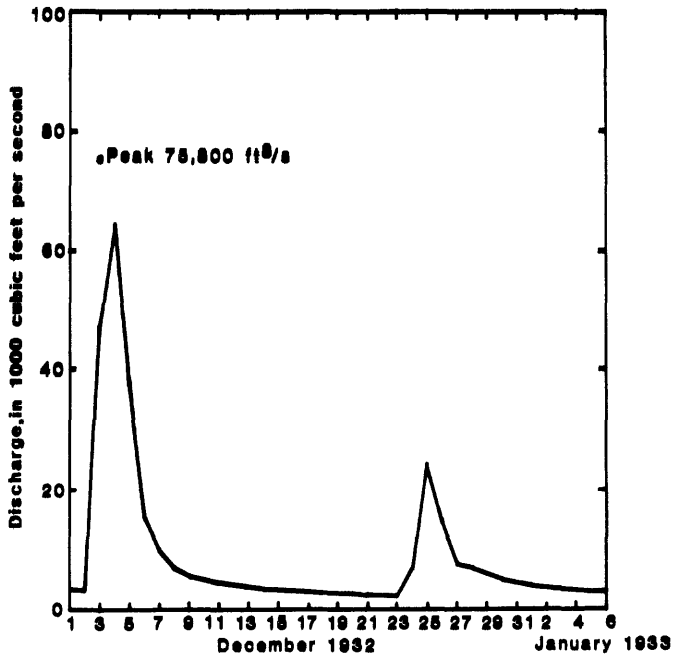


(d)

Figure 2.--Daily discharge hydrographs for (a) 05543500 Illinois River at Marseilles, Ill., (b) 05583000 Sangamon River near Oakford, Ill., (c) 07013000 Meramec River near Steelville, Mo., (d) 07056000 Buffalo River near St. Joe, Ark.



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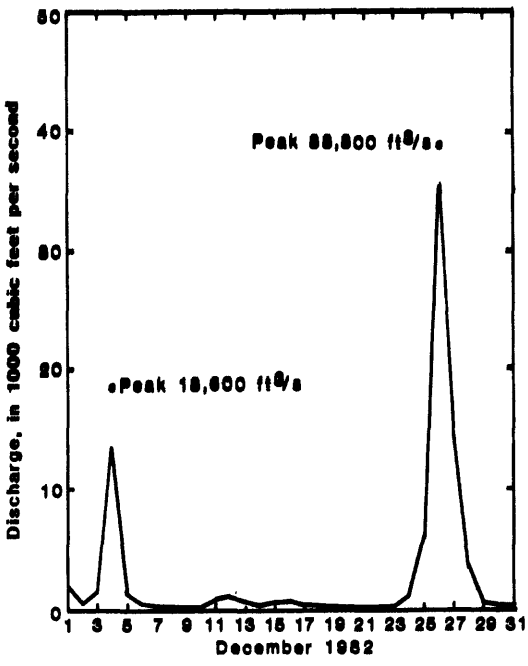

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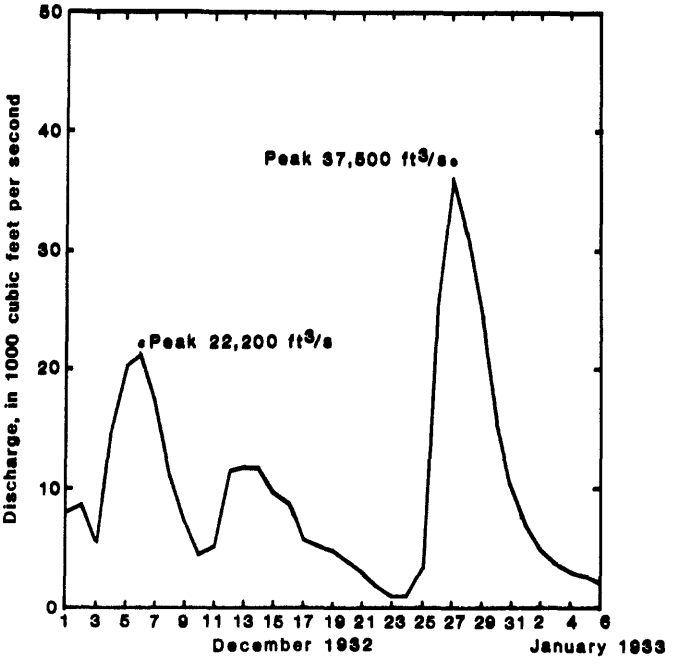

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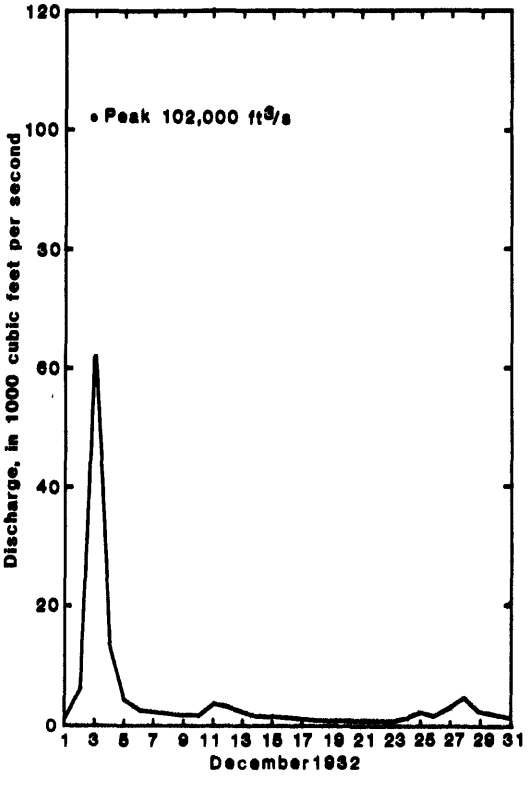
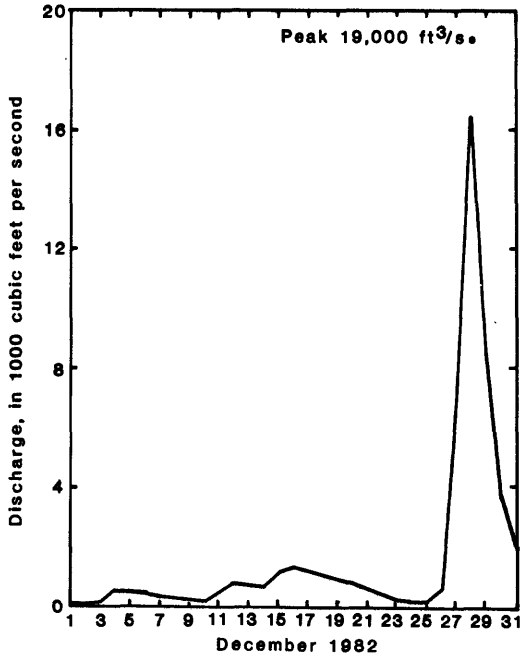
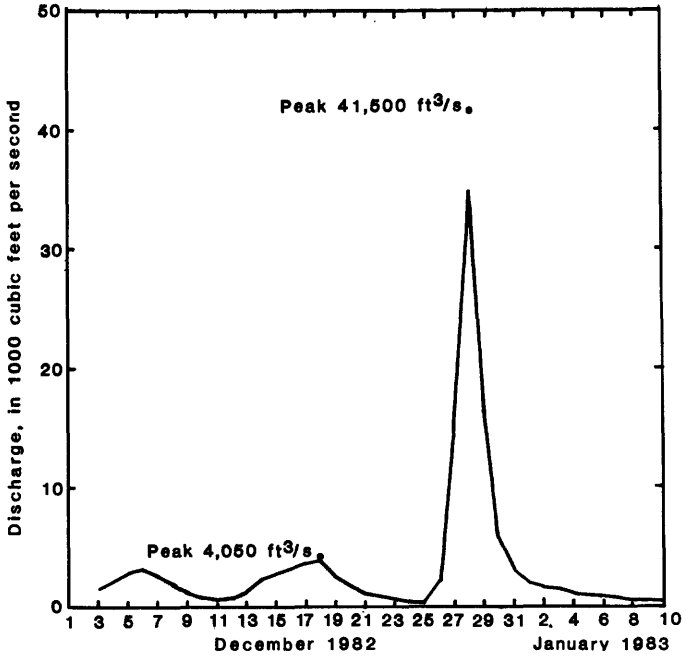


(h)

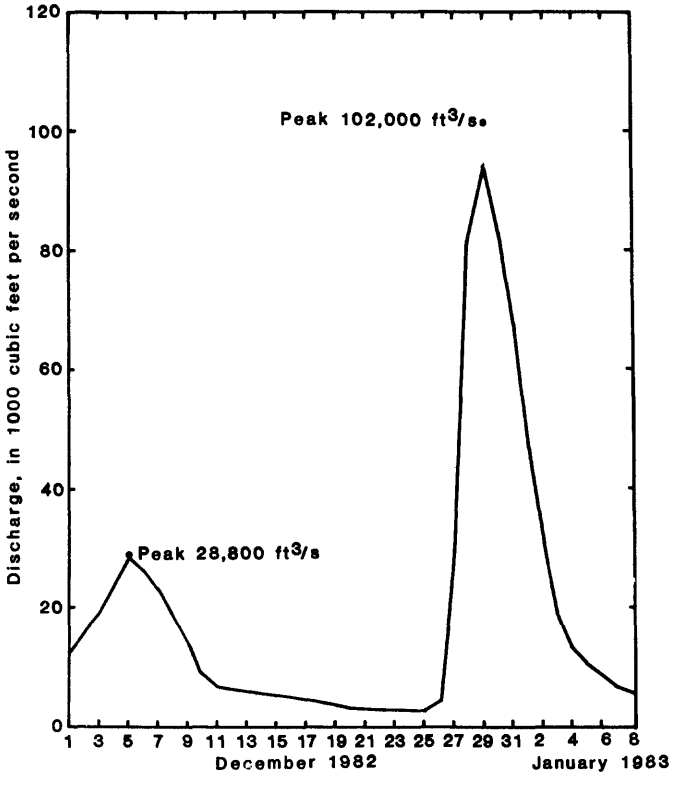
Figure 2 (continued).--Daily discharge hydrographs for (e) 07067000 Current River at Van Buren, Mo., (f) 07283000 Skuna River at Bruce, Miss., (g) 07289350, Big Black River at West, Miss., (h) 07356000 Ouachita River near Mount Ida, Ark.



(i)



(j)



(k)

Figure 2 (continued).--Daily discharge hydrographs for (i) 07362500 Moro Creek near Fordyce, Ark., (j) 07371500 Dugdemona River near Jonesboro, La., (k) 08015500 Calcasieu River near Kinder, La.

Table 1.—Cumulative rainfall for December 2-7, 1982, and December 24-29, 1982, for selected stations in the study area

Station	Latitude	Longitude	Cumulative rainfall, inches	
			Dec 2-7	Dec 24-29
ARKANSAS				
Abbott	35° 04'	94° 12'	6.42	4.44
Alicia	35° 54'	91° 05'	3.70	4.77
Amity	34° 17'	93° 25'	9.19	3.66
Arkadelphia	34° 07'	91° 03'	4.03	4.00
Benton	34° 33'	92° 37'	4.86	4.73
Bentonville	36° 22'	94° 13'	4.60	2.52
Big Fork	34° 29'	93° 58'	14.31	2.73
Bismark	34° 18'	93° 09'	4.75	4.17
Bogg Springs			5.50	1.77
Bonnerdale	34° 23'	93° 23'	12.50	2.20
Botkinburg	35° 39'	92° 30'	14.20	3.05
Buffalo Town	35° 32'	93° 30'	8.91	2.82
Center Ridge	35° 22'	92° 34'	13.75	3.69
Centerville			3.48	1.81
Chimes	35° 43'	92° 45'	13.85	3.21
Clarksville 6NE			9.32	1.92
Clarksville (AG)	35° 28'	93° 28'	9.29	2.06
Clinton	35° 35'	92° 28'	15.66	2.10
Coal Hill	35° 27'	93° 40'	10.15	2.53
Combs	35° 48'	93° 48'	4.85	2.40
Conway	35° 05'	92° 28'	7.10	3.25
Corning	36° 24'	90° 35'	3.74	6.29
Cove	34° 26'	94° 25'	5.24	1.84
Crystal Valley	34° 42'	92° 26'	2.46	5.90
Damascus	35° 22'	92° 25'	10.97	6.02
Danville	35° 03'	93° 24'	12.10	2.63
Deer	35° 50'	93° 12'	11.03	4.52
Devils Den			3.77	1.66
Dumas	33° 53'	91° 30'	2.99	6.17
Endora	33° 07'	91° 16'	4.69	7.21
Greenbrier	35° 14'	92° 21'	7.81	2.80
Green Forest	36° 20'	93° 26'	5.11	1.43
Greenwood	35° 13'	94° 15'	4.82	2.47
Gurdon	33° 54'	93° 09'	3.77	5.20
Hardy	36° 19'	91° 29'	13.09	6.19
Hattieville	35° 15'	92° 50'	14.20	3.06
Hector	35° 28'	92° 58'	7.87	0.65
Hope	33° 43'	93° 33'	4.51	4.85
Hopper	34° 22'	93° 41'	3.47	3.41
Hot Spring	34° 31'	93° 03'	6.55	4.57
Jasper	36° 01'	93° 11'	8.74	2.29
Jessieville	34° 42'	93° 04'	11.40	5.44
Lead Hill	36° 24'	92° 54'	6.72	1.86
Leola	34° 10'	92° 35'	1.85	6.91
Long Pool			11.72	2.68
Mammoth Spring	36° 29'	91° 32'	14.08	6.65
Marshall	35° 54'	92° 38'	8.12	0.70
Malbourne	36° 04'	91° 54'	14.34	3.26
Mena	34° 35'	94° 15'	6.79	2.11
Midland	35° 06'	94° 19'	5.20	2.11

Table 1.--Cumulative rainfall for December 2-7, 1982, and December 24-29, 1982, for selected stations in the study area--Continued

Station	Latitude	Longitude	Cumulative rainfall, inches	
			Dec 2-7	Dec 24-29
ARKANSAS--Continued				
Mountainburg	35° 38'	94° 10'	5.00	1.73
Mount Ida	34° 33'	93° 38'	11.10	2.72
Mountain View	32° 52'	92° 07'	15.86	5.03
Mulberry	35° 34'	94° 01'	5.17	2.06
Natural Dam			3.15	1.55
Newport	35° 36'	91° 17'	4.81	3.94
Odell	35° 48'	94° 24'	3.95	2.65
Oden	34° 38'	93° 48'	10.55	3.58
Omaha	36° 25'	93° 12'	7.07	1.35
Ozone	35° 38'	93° 27'	3.70	3.00
Parks	34° 48'	93° 57'	8.39	1.31
Patterson	35° 15'	91° 14'	2.66	7.59
Perry	35° 03'	92° 48'	11.98	3.73
Pine Bluff	34° 12'	92° 00'	2.09	9.27
Pine Ridge	34° 35'	93° 54'	9.00	3.10
Piney Grove			4.20	3.98
Prairie Grove	35° 58'	94° 18'	5.72	0.68
Ratcliff	35° 18'	93° 53'	5.85	2.92
Rohwer	33° 48'	91° 16'	3.51	8.98
Salem	36° 23'	91° 50'	11.83	3.95
Searcy	35° 15'	91° 44'	2.28	5.75
Siloam Springs	36° 11'	94° 33'	3.22	1.27
Sparkman	33° 55'	92° 48'	1.94	6.04
Stuttgart	34° 29'	91° 32'	2.64	4.39
Subiaco	35° 18'	93° 39'	7.41	1.09
ARKANSAS--Continued				
Vandervoort	34° 22'	94° 21'	6.09	2.19
Waldron	34° 54'	94° 06'	6.99	1.78
Warren	33° 36'	92° 04'	2.50	7.94
Washita	34° 38'	93° 32'	12.95	0.70
ILLINOIS				
Moline			3.78	1.15
Peoria			3.12	1.91
Springfield			6.76	1.60
LOUISIANA				
Alexandria			8.92	6.05
Baton Rouge			8.85	4.73
Bayou Sorrel	30° 08'	91° 19'	6.70	-----
Calhoun Exp. Sta.	32° 31'	92° 20'	-----	[a]13.01
Lafayette			7.79	6.17
Monroe			4.08	9.27
Plaquemine 2N	30° 19'	91° 14'	8.53	-----
Steplington	32° 43'	92° 05'	-----	[a]9.61
Vinton	30° 12'	93° 35'	-----	[a]18.21

[a]Cumulative rainfall for period December 23-28, 1982

Table 1.—Cumulative rainfall for December 2-7, 1982, and December 24-29, 1982, for selected stations in the study area—Continued

Station	Latitude	Longitude	Cumulative rainfall, inches	
			Dec 2-7	Dec 24-29
[b]MISSISSIPPI				
Anguilla 3E	32° 58'	90° 47'	8.06	8.10
Ashland	34° 49'	89° 12'	4.66	7.35
Batesville	34° 18'	89° 59'	6.83	7.28
Belzoni	33° 12'	90° 29'	7.24	7.25
Bovina	32° 21'	90° 42'	6.95	4.08
Brookhaven	31° 33'	90° 27'	8.88	5.41
Bruce 2W	34° 00'	89° 21'	4.99	10.47
Byhalia	34° 50'	89° 42'	5.54	6.35
Canton	32° 36'	90° 02'	7.50	6.38
Carrollton	33° 30'	89° 56'	5.70	11.40
Cleveland	33° 44'	90° 44'	6.70	8.36
Coffeeville	33° 59'	89° 40'	6.07	10.33
Grenada	33° 47'	89° 49'	7.05	9.83
Houston 2NE	33° 55'	88° 58'	5.99	10.77
Leland	33° 28'	90° 51'	6.86	6.87
Minter City	33° 45'	90° 18'	7.88	10.78
Moorhead	33° 27'	90° 31'	7.68	11.21
Natchez	31° 33'	91° 24'	8.12	6.25
Nitta Yuma	33° 02'	90° 51'	6.27	9.45
Port Gibson	31° 58'	91° 00'	6.19	4.55
Sunflower	33° 33'	90° 32'	7.40	10.12
Swan Lake	33° 53'	90° 17'	7.52	9.00
University	34° 23'	89° 32'	5.07	11.41
Valden 15SW	33° 19'	89° 45'	7.55	9.74
Vance	34° 04'	90° 22'	7.09	7.33
Vicksburg	32° 18'	90° 52'	6.24	3.67
Yazoo City	32° 51'	90° 26'	4.75	7.50
MISSOURI				
Bloomfield	36° 53'	89° 56'	——	[a]3.95
Cape Girardeau	37° 14'	89° 34'	——	[a]7.48
Farmington	37° 47'	90° 23'	——	[a]4.41
Jewett 7E	37° 22'	90° 21'	——	[a]3.90
Kirksville			2.78	0.99
St. Louis			5.20	2.60
Springfield			6.08	2.00
Summerville	37° 11'	91° 40'	——	[a]4.23
Van Buren	36° 58'	90° 59'	9.57	——
Vichy			5.93	0.53
West Plains	36° 44'	91° 51'	13.47	——
TENNESSEE				
Dyersburg			4.23	5.53
Memphis			4.82	5.92

[a]Cumulative rainfall for period December 23-28, 1982
[b]Cumulative rainfall for periods December 1-7, 1982, and December 24-29, 1982

Table 2.--Summary of peak stages and discharges

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	G.Ht. (ft)	Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					CACHE RIVER BASIN						
001	03612000	Cache River at Forman, Ill.	244	1922-	3-12-35	[a]17.99	9,360	Dec 6	24.99	6,490	6
								Dec 27	25.89	7,020	7
					ROCK RIVER BASIN						
002	05446500	Rock River near Joslin, Ill.	9,549	1939-	3-22-48	14.46	46,200	Dec 7	14.09	25,500	3
					3-22-79	17.81	------				
					EDWARDS RIVER BASIN						
003	05466500	Edwards River near New Boston, Ill.	445	1934-	4-22-73	22.33	18,000	Dec 5	21.36	4,230	2
					POPE CREEK BASIN						
004	05467000	Pope Creek at Keithsburg, Ill.	174	1934-	4-22-73	27.88	8,900	Dec 3	26.94	3,680	7
					7-07-82	28.36	------				
					HENDERSON CREEK BASIN						
005	05469000	Henderson Creek near Oquawka, Ill.	432	1934-	7-08-82	31.05	34,600	Dec 3	25.57	4,520	<2
					BEAR CREEK BASIN						
006	05495500	Bear Creek near Marcelline, Ill.	349	1944-	7-22-51	26.07	21,200	Dec 3	23.0	16,700	8
					BAY CREEK BASIN						
007	05513000	Bay Creek at	161	1939-	8-16-46	19.31	23,500	Dec 3	[n]14.6	10,700	3
					CUIVRE RIVER BASIN						
008	05514500	Cuivre River near Troy, Mo.	903	1922-72 1979-	10-05-41	33.4	120,000	Dec 3	30.10	71,400	40
					ILLINOIS RIVER BASIN						
009	05520500	Kankakee River at Momence, Ill.	2,294	1905, 06, 14-	3-06-79	[m]10.51	16,000	Dec 3	5.79	9,450	20
010	05525000	Iroquois River at Iroquois, Ill.	686	1944-	6-13-58	26.31	10,400	Dec 6	17.86	3,500	2
011	05526000	Iroquois River at Chebanse, Ill.	2,091	1923-	5-13-33	16.10	27,000	Dec 6	15.00	15,500	4
					3-07-79	[m]21.68	27,000				
012	05527500	Kankakee River near Wilmington, Ill.	5,150	1933-	7-13-57	11.40	75,900	Dec 3	8.53	56,800	70
					1-30-68	[m]13.88	-------				

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	G.Ht. (ft)	Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					ILLINOIS RIVER BASIN--Continued						
013	05528000	Des Plaines River near Gurnee, Ill.	232	1945-58 1960-	4-03-60	10.64	3,070	Dec 8	8.60	1,780	4
014	05528500	Buffalo Creek near Wheeling, Ill.	19.6	1952-	7-22-82	7.94	887	Dec 2	6.94	614	5
015	05529000	Des Plaines River near Des Plaines, Ill.	360	1940-	4-02-60	8.56	4,670	Dec 3	7.54	3,550	9
016	05529500	McDonald Creek near Mount Prospect, Ill.	7.93	1952-	6-20-72	7.58	644	Dec 3	7.46	553	10
					7-13-75	8.04	------				
017	05530000	Weller Creek at Des Plaines, Ill.	13.2	1950-	6-10-67	15.09	1,590	Dec 3	8.66	911	3
018	05530990	Salt Creek at Rolling Meadows, Ill.	30.5	1973-	4-18-75	10.82	910	Dec 3	12.56	1,060	15
019	05531500	Salt Creek at Western Springs, Ill.	114	1945-	3-04-79	8.48	1,930	Dec 3	8.59	1,970	40
					8-28-72	8.55	-----				
020	05532000	Addison Creek at Bellwood, Ill.	17.9	1950-	8-07-82	10.68	839	Dec 3	8.94	639	10
021	05532500	Des Plaines River at Riverside, Ill.	630	1943-	3-20-48	8.28	6,510	Dec 5	8.01	6,130	15
					1-26-69	[n]9.82	-----				
022	05534500	North Branch Chicago River at Deerfield, Ill.	19.7	1952-	7-22-82	10.93	756	Dec 3	10.78	702	>100
023	05535000	Skokie River at Lake Forest, Ill.	13.0	1951-	7-22-82	8.35	435	Dec 3	7.94	394	25
024	05535070	Skokie River near Highland Park, Ill.	21.1	1967-	7-22-82	8.44	716	Dec 2	8.46	724	>100

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood: Date	Previous flood: G.Ht. (ft)	Previous flood: Discharge (ft^3/s)	Flood of December 1982 and January 1983: Date	Flood of December 1982 and January 1983: G.Ht. (ft)	Flood of December 1982 and January 1983: Discharge (ft^3/s)	Flood of December 1982 and January 1983: Frequency (years)
					ILLINOIS RIVER BASIN--Continued						
025	05535500	West Fork of North Branch Chicago River at Northbrook, Ill.	11.5	1952-	7-22-82	9.65	1,060	Dec 2	8.29	740	20
026	05536000	North Branch Chicago River at Niles, Ill.	100	1950-	6-11-67	9.83	2,210	Dec 3	8.99	1,480	6
027	05536215	Thorn Creek at Glenwood, Ill.	24.7	1949-	8-17-68	11.26	2,600	Dec 3	10.98	2,210	40
028	05536255	Butterfield Creek at Flossmoor, Ill.	23.5	1948-	5-22-82	11.97	2,160	Dec 3	11.40	1,700	50
029	05536265	Lansing ditch near Lansing, Ill.	8.84	1948-	5-10-48	9.24	461	Dec 3	9.11	200	4
					10-11-54	10.18	------				
030	05536275	Thorn Creek at Thornton, Ill.	104	1948-	7-13-57	16.00	4,700	Dec 3	15.95	3,340	20
					6-14-81	17.06	------				
031	05536290	Little Calumet at South Holland, Ill.[1]	208	1947-	4-06-47	19.24	4,760	Dec 4	19.84	3,940	15
					6-14-81	20.20	------				
032	05539000	Hickory Creek at Joliet, Ill.	107	1944-	6-13-81	14.90	20,500	Dec 3	9.63	7,830	25
033	05539900	West Branch DuPage River near West Chicago, Ill.	28.5	1961-	6-10-67	10.36	805	Dec 3	10.44	984	100
034	05540095	West Branch DuPage River near Warrenville, Ill.	90.4	1968-	8-26-72	4.70	1,980	Dec 3	4.88	2,160	40
035	05540500	DuPage River at Shorewood, Ill.	324	1940-	10-11-54	11.06	12,000	Dec 3	7.61	6,010	6
036	05542000	Mazon River near Coal City, Ill.	455	1939-	7-15-58	19.70	17,600	Dec 4	19.57	22,800	35

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood: Date	Previous flood: G.Ht. (ft)	Previous flood: Discharge (ft^3/s)	Flood of December 1982 and January 1983: Date	Flood of December 1982 and January 1983: G.Ht. (ft)	Flood of December 1982 and January 1983: Discharge (ft^3/s)	Flood of December 1982 and January 1983: Frequency (years)
		ILLINOIS RIVER BASIN--Continued									
037	05543500	Illinois River at Marseilles, Ill.	8,259	1919-	7-14-57	15.20	93,900	Dec 5	16.78	94,100	90
038	05548280	Nippersink Creek near Spring Grove, Ill.	192	1966-	2-20-71	13.03	3,980	Dec 4	11.01	1,640	2
039	05549000	Boone Creek near McHenry, Ill.	15.5	1948-	6-02-70	4.87	276	Dec 3	4.02	190	5
040	05550500	Poplar Creek at Elgin, Ill.	35.2	1951-	4-22-73	5.45	896	Dec 3	5.37	696	15
041	05551200	Ferson Creek near St. Charles, Ill.	51.7	1960-	2-20-71 2-08-65	7.64 [m]9.66	1,970 ------	Dec 3	7.00	1,530	8
042	05551700	Blackberry Creek near Yorkville, Ill.	70.2	1960-	5-17-74	8.58	1,320	Dec 4	7.60	922	5
043	05552500	Fox River at Dayton, Ill.	2,642	1914-	10-11-54 1-25-60	24.63 [m]36.47	47,100	Dec 3	17.17	26,000	20
044	05554000	North Fork Vermilion River near Charlotte, Ill.	186	1943-	2-22-82	-----	[j]5,300	Dec 4	15.31	4,550	20
045	05554500	Vermilion River at Pontiac, Ill.	579	1942-	6-03-80	18.12	14,500	Dec 4	19.16	14,300	100
046	05555300	Vermilion River near Leonore, Ill.	1,251	1931-	7-15-58	15.30	33,500	Dec 4	27.07	31,500	40
047	05555890	Illinois River at Henry, Ill.	13,543	1982-	--------	-----	------	Dec 8	20.70	104,000	---
048	05567500	Mackinaw River near Congerville, Ill.	767	1944-	7-09-51 6-03-80	19.41 19.52	36,000 ------	Dec 5	20.18	43,100	>100

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					ILLINOIS RIVER BASIN--Continued						
049	05568000	Mackinaw River near Green Valley, Ill.	1,089	1922-	6-03-80 5-19-27	15.98 16.80	46,700 ------	Dec 6	16.13	48,300	>100
050	05568500	Illinois River at Kingston Mines, Ill.	15,819	1939-	5-23-43	26.02	83,100	Dec 8 Dec 9	23.86 24.37	89,000 ------	90
051	05569500	Spoon River at London Mills, Ill.	1,062	1942-	6-23-74	28.03	41,000	Dec 3	23.39	10,500	2
052	05570000	Spoon River at Seville, Ill.	1,636	1914-	8-22-24 6-24-74	30.77 31.82	37,300 ------	Dec 5	26.90	19,320	6
053	05570370	Big Creek near Bryant, Ill.	41.2	1971-	6-23-74 6-03-80	12.90 13.05	1,220 -----	Dec 3	12.93	1,070	7
054	05570500	Illinois River at Havana, Ill.	18,299	-----	--------	-----	-----	Dec 9	-----	80,200	--
055	05572000	Sangamon River at Monticello, Ill.	550	1908-12, 14-	10-04-26 5-16-68	18.50 18.55	19,000 ------	Dec 6	13.89	3,880	<2
056	05573540	Sangamon River at Decatur, Ill.	938	1981-	--------	-----	------	Dec 3	16.40	4,500	--
057	05576000	South Fork Sangamon River near Rochester, Ill.	867	1949-	7-01-57 4-14-79	28.36 31.92	18,100 ------	Dec 3	27.50	5,600	2
058	05576500	Sangamon River at Riverton, Ill.	2,618	1908-12, 15-	5-19-43	31.52	68,700	Dec 4	23.82	29,600	9
059	05577500	Spring Creek at Springfield, Ill.	107	1948-	3-30-60	12.70	6,750	Dec 3	14.55	7,730	60
060	05578500	Salt Creek near Rowell, Ill.	335	1942-	5-16-68	29.21	24,500	Dec 3	20.71	4,310	2
061	05579500	Lake Fork near Cornland, Ill.	214	1948-	4-12-79	23.11	8,930	Dec 4	22.45	5,900	10

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					ILLINOIS RIVER BASIN--Continued						
062	05580950	Sugar Creek near Bloomington, Ill.	34.6	1974-	3-03-79	11.04	3,680	Dec 3	14.02	6,600	--
063	05582000	Salt Creek near Greenview, Ill.	1,804	1941-	5-19-43	20.50	41,200	Dec 4	20.04	36,000	40
064	05583000	Sangamon River near Oakford, Ill.	5,093	1909-11 1911-12 1914-19 1921-22 1928-33 1939-	5-20-43	25.63	123,000	Dec 5	23.65	71,600	50
065	05585000	LaMoine River at Ripley, Ill.	1,293	1921-	9-27-70	28.42	24,100	Dec 6	26.95	19,700	25
066	05585500	Illinois River at Meredosia, Ill.	26,028	1938-	5-26-43	28.61	123,000	Dec 10	25.92	107,000	20
								Dec 11	26.40	-------	
067	05587000	Macoupin Creek near Kane, Ill.	868	1921-33 1940-	5-18-43	28.5	40,000	Dec 4	[n]26.5	27,800	20
					CAHOKIA CREEK BASIN						
068	05587900	Cahokia Creek at Edwardsville, Ill.	212	1969-	4-12-79	24.74	8,200	Dec 4	19.52	5,210	3
								Dec 25	19.79	5,350	3
					MOREAU RIVER BASIN						
069	06910500	Moreau River near Jefferson City, Mo.	531	1904, 1948-75	1904	39.00	------				
					10-14-69	28.60	24,400	Dec 3	29.83	30,000	100
					OSAGE RIVER BASIN						
070	06927000	Maries River at Westphalia, Mo.	257	1937, 1948-70	6-08-37	22.80	------				
					10-12-69	20.83	26,100	Dec 3	21.36	34,200	>100
					GASCONADE RIVER BASIN						
071	06927600	Wheeler Branch near Mountain Grove, Mo.	1.34	1955-	6-16-58	6.32	940	Dec 2	5.11	680	5

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					GASCONDE RIVER BASIN--Continued						
072	06927800	Osage Fork at Drynob, Mo.	404	1903, 1962-81	1903 4-12-79	31.00 17.96	------ 21,300	Dec 3	19.40	38,800	>100
073	06928000	Gasconade River at Hazelgreen, Mo.	1,250	1916, 1929-71	1- -16	30.60	90,000	Dec 3	34.46	94,000	40
074	--------	Roubidoux Creek near Waynesville, Mo.	278	-------	-------	-----	------	Dec 3	-----	27,700	[f]50
074a	06930000	Big Piney River near Big Piney, Mo.	560	1922-81	12-27-42	20.7	32,700	Dec 3	24.54	[h]81,200	>100
075	06931000	Beaver Creek near Rolla, Mo.	14	1949-79	7-28-79	9.50	12,000	Dec 3	6.84	5,900	20
076	06931500	Little Beaver Creek near Rolla, Mo.	6.41	1948-79	7-17-58	8.57	7,420	Dec 3	7.64	5,130	25
077	06932000	Little Piney Creek at Newburg, Mo.	200	1915, 1929-	8-20-15 8-14-46	16.70 16.20	30,000 32,500	Dec 3	16.11	28,100	40
078	06933500	Gasconade River at Jerome, Mo.	2,840	1897, 1923-	1-6-1897	29.00	120,000	Dec 5	31.34	140,000	>100
079	06934000	Gasconade River near Rich Fountain, Mo.	3,180	1922-65	4-16-45	29.13	96,400	Dec 6	33.27	134,000	>100
					MISSOURI RIVER MAIN STEM						
080	06934500	Missouri River at Hermann, Mo.	528,200	1844, 1929-	6- -1844	35.50	892,000	Dec 4	30.78	373,300	5
					MERAMEC RIVER BASIN						
081	07010350	Meramac River at Cook Station, Mo.	199	1965-81	2-10-66	17.74	34,900	Dec 3	15.30	16,000	5
082	07011200	Love Creek near Salem, Mo.	0.89	1955-	4-11-79	7.13	365	Dec 3	5.19	150	4
083	07011600	Love Branch at Rolla, Mo.	1.72	1978-	4-11-79	4.37	1,700	Dec 2	3.05	686	[f]5

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					MERAMEC RIVER BASIN--Continued						
084	07012050	Dry Fork near St. James, Mo.	370	1944-50	8-15-46	21.70	28,000	Dec 3	20.4	21,000	f_5
085	07013000	Meramec River near Steelville, Mo.	781	1915, 1923-	8-20-15	26.50	60,000	Dec 4	25.55	49,400	50
086	07014200	Courtois Creek at Berryman, Mo.	165	1944-46	6-08-45	12.90	24,300	-----	12.45	25,000	60
087	07014500	Meramac River near Sullivan, Mo.	1,475	1915, 1922-32 1944-	8- -15	33.50	90,000	Dec 4	32.30	68,500	90
088	07015000	Bourbeuse River near St. James, Mo.	21.3	1945, 1948-81	6-08-45	14.00	------				
					4-11-79	11.17	8,390	-----	10.85	7,200	15
089	07015720	Bourbeuse River near High Gate, Mo.	135	1957-	6- -57	23.00	------				
					4-11-79	21.15	33,500	Dec 4	23.65	50,000	>100
090	07016000	Bourbeuse River near Spring Bluff, Mo.	608	1915, 1944-	8- -15	35.70	------				
					6-30-57	34.71	50,700	Dec 5	41.26	85,000	>100
091	07016500	Bourbeuse River at Union, Mo.	808	1915, 1921-	8-22-15	28.50	50,000	Dec 5	33.80	77,000	>100
092	07017000	Meramac River at Robertsville, Mo.	2,673	1915, 1940-51	8- -15	36.10	125,000	Dec 5	37.53	133,000	100
093	07017200	Big River at Irondale, Mo.	175	1965-	11-01-72	27.92	43,200	Dec 3	17.01	17,300	3
094	07017500	Dry Branch near Bonne Terre, Mo.	3.35	1956-	6-30-57	5.55	1,520	Dec 3	3.82	750	3
095	07017700	Fountain Farm Branch near Potosi, Mo.	2.16	1957-	6-30-57	18.36	1,890	Dec 3	13.78	660	4
096	07018000	Big River near Desoto, Mo.	718	1915, 1949-	8- -15	29.40	70,500	Dec 4	22.37	32,800	10
097	07018500	Big River at Byrnesville, Mo.	917	1915, 1922	8-21-15	30.20	80,000	Dec 5	25.22	36,800	25

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	G.Ht. (ft)	Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					MERAMEC RIVER BASIN--Continued						
098	07019000	Meramac River near Eureka, Mo.	3,788	1903-06 1915, 1922	8-22-15	42.20	175,000	Dec 6	42.88	145,000	>100
					HEADWATER DIVERSION CHANNEL BASIN						
099	07021000	Castor River at Zalma, Mo.	423	1920-	3-11-35	28.20	--------	Dec 4	29.78	95,400	>100
					3-28-77	27.05	40,800				
100	--------	Crooked Creek at Lutesville, Mo.	75.2	--------	--------	-----	-------	-----	-----	40,900	f>100
101	--------	Whitewater River near Bufordville, Mo.	238	--------	--------	-----	-------	-----	-----	60,300	f>100
					OBION RIVER BASIN						
102	07024500	South Fork Obion River near Greenfield, Tenn.	383	1929-	1-22-37	17.82	25,600	Dec 3	13.21	2,680	<2
								Dec 28	16.54	16,000	8
103	07026000	Obion River at Obion, Tenn.	1,852	1929-58 1966-	1-24-37	40.4	99,500	Dec 6	31.98	19,400	<2
								Dec 30	34.83	41,000	5
					HATCHIE RIVER BASIN						
104	07029500	Hatchie River at Bolivar, Tenn.	1,480	1929-	3-18-73	21.66	61,600	Dec 5	16.56	13,300	<2
								Dec 30	20.61	45,800	20
					LOOSAHATCHIE RIVER BASIN						
105	07030240	Loosahatchie River near Arlington, Tenn.	262	1969-	3-13-75	24.96	23,700	Dec 4	21.62	8,980	f<2
								Dec 27	21.98	9,650	f2
					WOLF RIVER BASIN						
106	07031650	Wolf River at Germantown, Tenn.	699	1969-	3-14-75	27.98	33,400	Dec 4	18.6	13,100	f2
								Dec 28	22.82	20,100	f3
					NONCONNAH CREEK BASIN						
107	07032200	Nonconnah Creek near Germantown, Tenn.	68.2	1969-	3-12-75	27.11	9,680	Dec 3	22.7	6,940	f3
								Dec 26	18.1	4,650	f<2

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood G.Ht. (ft)	Flood Discharge (ft^3/s)	Frequency (years)
					ST. FRANCIS RIVER BASIN						
108	07033000	Wolf Creek near Farmington, Mo.	40.3	1955-79	12-21-67	18.46	13,600	Dec 3	17.97	10,000	50
109	07035500	Barnes Creek near Fredericktown, Mo.	4.03	1956-	5-21-57	9.62	5,550	Dec 3	8.80	2,100	5
110	07037500	St. Francis River near Patterson, Mo.	956	1915, 1920-	8- -15	33.80	100,000	Dec 3	35.77	155,000	>100
111	07038000	Clark Creek at Patterson, Mo.	38.0	1955-79	3-20-55	12.53	11,200	Dec 3	13.74	15,500	100
112	07043500	Little River Ditch 1 near Morehouse, Mo.	450	1945-	6- -45 5-10-61	19.85 19.35	5,830 8,250	Dec 4	12.84	6,340	4
113	07047942	L'Anguille River near Colt, Ark.	535	1971-	12-09-78	15.81	12,000	Dec 28	14.90	7,020	3
					WHITE RIVER BASIN						
114	07050500	Kings River near Berryville, Ark.	527	1927, 1939-	4-14-27	38.0	62,000	Dec 3	30.20	39,400	10
115	07054400	Charley Creek near Omaha, Ark.	3.41	1962-	3-10-73	13.18	2,850	Dec 3	16.54	4,850	>100
116	07055650	Smith Creek near Boxley, Ark.	8.35	1963-	11-24-73	15.8	6,830	Dec 3	13.74	7,200	35
117	07055800	Dry Branch near Vendor, Ark.	6.15	1962-	11-24-73	14.24	3,880	Dec 3	15.30	5,000	50
118	07056000	Buffalo River near St. Joe, Ark.	829	1915, 1927-33, 1936-	8- -15	50.5	139,000	Dec 3	53.75	158,000	>100
119	07057500	North Fork River near Tecumseh, Mo.	561	1945-	4-22-74	22.15	37,900	Dec 3	17.70	26,700	10
120	07058000	Bryant Creek near Tecumseh, Mo.	570	1945-	4-11-73	21.93	33,200	Dec 3	26.67	71,100	>100
121	07060500	White River at Calico Rock, Ark.	9,978	1905-	1-31-16	51.9	350,000	Dec 4	41.14	201,000	b

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data						
					Previous flood			Flood of December 1982 and January 1983			
					Date	G.Ht. (ft)	Discharge (ft^3/s)	Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					WHITE RIVER BASIN--Continued						
122	07060710	North Sylamore Creek near Fifty Six, Ark.	58.1	1966-	4-22-73	17.61	17,800	Dec 3	20.60	25,200	30
123	07060830	Wolf Bayou near Drasco, Ark.	0.27	1963-	3-10-73	8.05	190	Dec 3	9.49	283	90
124	07061000	White River at Batesville, Ark.	11,070	1904-58, 1979-	4-16-45	29.43	324,000	Dec 3	29.27	310,000	b
125	07061300	East Fork Black River at Lesterville, Mo.	94.5	1935, 1960-	3- -35 11-02-72	13.80 11.13	------ 13,700	Dec 3	10.04	9,760	15
126	07061500	Black River near Annapolis, Mo.	484	1939-	11-02-72	21.55	49,700	Dec 4	17.64	33,900	5
127	--------	McKenzie Creek at mouth near Piedmont, Mo.	31.0	----	--------	-----	-------	Dec 4	-----	40,000	f>100
128	07062500	Black River at Leeper, Mo.	957	1904, 1921-	3- -04	22.30	125,000	Dec 4	15.15	41,000	5
129	07063000	Black River at Poplar Bluff, Mo.	1,245	1904, 1923-	3-12-35 3- -04	21.10 -----	------- 100,000	Dec 5	21.68	65,600	25
130	07064300	Fudge Hollow near Licking, Mo.	1.72	1957-79	9-04-65	6.46	580	Dec 3	5.5	350	10
131	07064500	Big Creek near Yukon, Mo.	8.36	1949-79	10-27-70	5.54	5,520	Dec 3	8.17	7,800	70
132	07066000	Jacks Fork at Eminence, Mo.	398	1904, 1922-	3- -04 6-13-28	25.0 17.2	------- 40,000	Dec 3	13.81	24,600	10
133	07066500	Current River near Eminence, Mo.	1,272	1904, 1922-75	3- -04 2-10-66	37.50 29.69	------- 88,500	Dec 3	27.8	79,000	20
134	07067000	Current River at Van Buren, Mo.	1,667	1904, 1922-	3-26-04 8-21-15	29.00 25.90	------- 125,000	Dec 3	23.89	75,300	15
135	07067500	Big Spring near Van Buren, Mo.	--------	1922-	6- -28	-----	1,300	Dec 4	-----	1,500	---

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					WHITE RIVER BASIN--Continued						
136	07068000	Current River at Doniphan, Mo.	2,038	1904, 1922-	3- -04	25.90	130,000	Dec 3	25.41	117,000	>100
137	07068250	Middle Fork Little Black River at Grandin, Mo.	6.85	1981-	5-14-81	3.36	84	Dec 3	10.7	6,430	f>100
138	07068300	North Prong Little Black River near Grandin, Mo.	39.4	1980-	5-14-81	3.59	368	Dec 3	16.83	31,800	f>100
139	07068380	Little Black River near Grandin, Mo.	79.5	1980-	5-14-81	4.28	554	Dec 3	13.54	41,800	f>100
140	07068500	Little Black River near Fairdealing, Mo.	187	1936-42 1955-79	3-02-77	23.63	52,800	Dec 3	23.60	52,000	50
141	07068540	Logan Creek near Oxly, Mo.	37.5	1980-	6-06-81	4.88	260	Dec 3	14.94	15,000	f>100
142	07068863	Fourche River near Poynor, Mo.	87.2	1976-	3-27-77	15.91	25,400	Dec 3	14.54	17,200	f50
143	07064000	Black River near Corning, Ark.	1,749	1915-	6-13-45	16.92	48,600	Dec 7	14.82	23,400	b
144	07069000	Black River at Pocahontas, Ark.	4,845	1927-	4-17-27	25.9	80,000	Dec 7	25.22	66,300	b
145	07069500	Spring River at Imboden, Ark.	1,183	1915, 1937-	8- -15	32.1	125,000	Dec 3	c38.12	244,000	>100
146	07070500	Eleven Point River near Thomasville, Mo.	361	1951-76	2-10-66	21.65	31,000	Dec 3	17.51	15,000	10
147	07071000	Greer Spring at Greer, Mo.	-----	1904 1921-	11-17-58	2.63	1,510	Dec 4	2.97	1,800	---
148	07071500	Eleven Point River near Bardley, Mo.	793	1915, 1922	8- -15	19.70	44,000	Dec 3	21.5	49,000	80

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Flood of December 1982 and January 1983 Frequency (years)
					WHITE RIVER BASIN--Continued						
149	07072000	Eleven Point River near Ravenden Springs, Ark.	1,134	1930-33, 1936-	11-17-58	20.83	37,600	Dec 3	[c]29.06	162,000	>100
150	07072500	Black River at Black Rock, Ark.	7,369	1905-	8-21-15	31.9	160,000	Dec 4	[c]31.51	190,000	b
151	07073500	Piney Fork at Evening Shade, Ark.	99.2	1939-	1-24-49	23.42	17,500	Dec 3	[c]30.32	52,600	>100
152	07074000	Strawberry River near Poughkeepsie, Ark.	473	1936-	1-24-49	29.30	52,000	Dec 3	[c]35.9	158,000	>100
153	07074200	Dry Branch tributary near Sidney, Ark.	1.22	1961-	9-08-67	11.57	1,100	Dec 3	12.40	1,230	10
154	07074500	White River at Newport, Ark.	19,860	1886-	4-17-45	[k]35.9	343,000	Dec 5	34.00	340,000	b
155	07074900	Trace Creek tributary near Marshall, Ark.	0.26	1961-	11-24-73	10.50	208	Dec 3	11.89	288	45
156	07075000	Middle Fork Little Red River at Shirley, Ark.	302	1939-	1-24-49	28.3	101,000	Dec 3	[c]30.9	-------	---
157	07075300	South Fork Little Red River at Clinton, Ark.	148	1962-	3-28-77	26.43	32,700	Dec 3	[c]34.27	67,900	>100
158	07075600	Choctaw Creek tributary near Choctaw, Ark.	1.36	1964-	6-08-74	13.60	579	Dec 3	19.07	1,760	>100
159	07077380	Cache River at Egypt, Ark.	701	1938-40, 1945-	1-06-66	21.88	8,940	Dec 30	19.43	5,270	3
160	07077950	Big Creek at Poplar Grove, Ark.	448	1971-	4-23-73	31.74	5,910	Dec 28	30.47	4,290	4

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
		ARKANSAS RIVER BASIN									
161	07250550	Arkansas River at Dam No. 13, near Van Buren, Ark.	150,547	1927-	5-12-43	[a]38.0	850,000	Dec 3	[d]382.96	69,600	b
162	07251500	Frog Bayou at Rudy, Ark.	216	1945, 1950-	4-15-45	18.5	39,500	Dec 3	12.58	13,100	b
163	07252000	Mulberry River near Mulberry, Ark.	373	1927, 1939-	12- -27	22.0	59,000	Dec 3	23.66	70,200	100
164	07256500	Spadra Creek at Clarksville, Ark.	61.1	1953-	4-03-57	15.58	15,300	Dec 2	14.75	13,400	8
165	07257000	Big Piney Creek near Dover, Ark.	274	1949, 1951-	12-10-71	28.7	74,600	Dec 3	33.87	111,000	>100
166	07257200	Little Piney Creek near Lamar, Ark.	154	1978-	5-17-80	13.37	9,800	Dec 3	15.35	13,300	[f]4
167	07257500	Illinois Bayou near Scottsville, Ark.	241	1943, 1948-	5-10-43 1-24-49	24.60 24.60	77,000 77,000	Dec 3	27.08	120,000	>100
168	07258000	Arkansas River at Dardanelle, Ark.	153,670	1938-	5-13-43 5-25-43	 43.6	683,000	Dec 3	40.02	325,000	b
169	07258500	Petit Jean River near Booneville, Ark.	241	1939-	4-16-39	23.42	43,200	Dec 3	22.03	20,100	5
170	07259500	Petit Jean River near Waveland, Ark.	516	1939-	4-16-39	34.0	62,600	Dec 3	28.51	9,100	b
171	07260000	Dutch Creek at Waltreak, Ark.	81.4	1946-	7-26-69	22.38	24,500	Dec 3	20.80	18,600	25
172	07260500	Petit Jean River at Danville, Ark.	764	1917-	4-17-39	31.82	70,800	Dec 3	29.36	47,000	b
173	07260630	Jake Creek near Chickalah, Ark.	1.85	1961-	10-12-73	10.20	1,070	Dec 3	14.58	2,200	>100

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood G.Ht. (ft)	Flood Discharge (ft^3/s)	Frequency (years)
					ARKANSAS RIVER BASIN--Continued						
174	07260673	West Fork Remove Creek near Hattieville, Ark.	222	1978-	4-01-79	21.00	11,500	Dec 3	26.62	64,800	>100
175	07260679	East Fork Point Remove Creek tributary near St. Vincent, Ark.	0.09	1967-	3-20-68	7.69	82	Dec 3	8.24	101	>100
176	07261000	Cadron Creek near Guy, Ark.	169	1955-	8-14-57	24.95	18,600	Dec 4	29.29	24,000	80
177	07261050	Pine Mountain Creek tributary near Damascus, Ark.	0.29	1961-	5-05-61	10.22	270	Dec 3	13.50	573	>100
178	07261500	Fourche LaFave River near Gravelly, Ark.	410	1939-	5-20-60 7-26-69	30.30 30.30	69,400 69,400	Dec 3	32.45	-------	---
179	07261800	Brogan Creek near Rover, Ark.	1.40	1963-	4-23-66	9.59	1,010	Dec 3	10.65	1,260	80
180	07262500	Fourche LaFave River near Nimrod, Ark.	684	1935, 1937-	2-19-38	27.6	36,100	Dec 3	10.03	6,200	b
181	07263000	South Fourche LaFave River near Hollis, Ark.	210	1942-	3-30-45	19.47	54,400	Dec 3	24.55	94,000	>100
182	07263100	Fourche LaFave River tributary near Perryville, Ark.	1.47	1962-	3-28-75	9.72	700	Dec 3	11.45	1,150	>100
183	07263450	Arkansas River at Murray Dam, at Little Rock, Ark.	158,030	1883, 1927-	6- -1883 5-27-43	[a]34.6 [a]30.05	536,000	Dec 4	[d]253.12	290,000	b
184	07264000	Bayou Meto near Lonoke, Ark.	207	1948-	5-18-68	26.55	4,700	Dec 3	24.46	3,020	5

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					YAZOO RIVER BASIN						
185	07267000	Hell Creek near New Albany, Miss.	27.3	1939-42 1952-	4-26-70	16.66	4,800	Dec 4	10.49	2,550	3
186	07268000	Little Tallahatchie River at Etta, Miss.	526	1938-	3-22-55	29.32	79,000	Dec 4	22.75	8,900	<2
								Dec 26	28.55	70,000	50
187	07268500	Cypress Creek near Etta, Miss.	28.5	1939-42 1952-	5-11-70	18.78	9,970	Dec 26	14.66	5,700	4
188	07274000	Yocona River near Oxford, Miss.	262	1951-	3-21-55	28.72	44,100	Dec 4	24.76	7,000	<2
								Dec 26	28.38	31,000	15
189	07274250	Otoucalofa Creek at Water Valley, Miss.	84.1	1952-	3-15-73	26.84	10,400	Dec 4	23.47	4,050	<2
								Dec 26	27.43	13,500	60
190	07275500	Long Creek near Courtland, Miss.	66.2	1940-43 1952-	4-11-62	22.11	19,500	Dec 4	8.04	8,000	<2
								Dec 26	10.47	10,300	2
191	07280270	Tillatoba Creek below Oakland, Miss.	37.1	1974-	6-24-80	14.93	7,600	Dec 4	11.92	2,500	[f]<2
								Dec 26	14.58	7,000	[f]15
192	07280340	South Fork Tillatoba Creek near Charleston, Miss.	53.9	1975-	6-24-80	23.47	11,000	Dec 4	17.24	5,500	f4
								Dec 26	23.96	11,600	[f]35
193	07282000	Yalobusha River at Calhoun City, Miss.	305	1950-	3-16-73	25.22	52,100	Dec 4	21.80	18,100	3
								Dec 26	25.75	70,600	>100
194	07283000	Skuna River at Bruce, Miss.	254	1947-	3-21-55	34.11	61,400	Dec 4	22.45	18,600	5
								Dec 26	29.66	38,800	30
195	07287350	Fannegusha Creek near Tchula, Miss.	100	1953-65 1968-	1970	160.28	23,000	Dec 26	20.82	9,500	2

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Flood of December 1982 and January 1983 Frequency (years)
					BIG BLACK RIVER BASIN						
196	07289350	Big Black River at West, Miss.	985	1961	12-18-61	24.03	46,700	Dec 6	21.63	22,200	2
				1971-	1-05-72	23.08	33,800	Dec 27	23.34	37,500	9
197	07289395	Sharkey Creek tributary near West, Miss.	0.30	1967-	4-26-70	7.67	218	Dec 3	6.76	145	3
								Dec 26	7.61	213	8
198	07289470	Tacketts Creek tributary near Pickens, Miss.	0.15	1965-	1-04-72	6.84	206	Dec 3	5.29	114	4
								Dec 26	5.65	134	7
199	07289600	Tilda Bogue near Canton, Miss.	24.4	1948-	4-29-53	19.0	8,800	Dec 4	17.85	3,000	2
								Dec 26	19.12	8,200	90
200	07289641	Panther Creek tributary near Flora, Miss.	0.07	1965-	3-10-73	7.42	140	Dec 26	4.40	59	<2
201	07290000	Big Black River near Bovina, Miss.	2810	1936-	12-20-61	40.53	63,500	Dec 8	39.20	27,000	2
								Jan 1	38.71	25,000	2
202	07290005	Clear Creek at Bovina, Miss.	36	1952-	4-13-69	30.03	21,000	Dec 4	25.21	6,400	3
					BAYOU PIERRE BASIN						
203	07290525	White Oak Creek tributary near Utica, Miss.	1.36	1964-	11-28-64	11.26	1,230	Dec 4	4.55	106	<2
								Dec 6	6.78	320	<2
204	07290650	Bayou Pierre near Willows, Miss.	653	1959-	4-13-74	27.33	51,000	Dec 4	26.10	37,200	[f]15
								Dec 27	23.93	27,500	[f]6
205	07290690	Clarks Creek near Pattison, Miss.	77.4	1961-	4-12-74	26.18	21,000	Dec 4	18.34	9,000	5
206	07290830	Little Creek near Fayette, Miss.	1.71	1967-	4-12-74	15.45	1,770	Dec 4	7.72	435	<2
								Dec 26	9.85	790	3
207	07290870	Coles Creek near Fayette, Miss.	257	1961-	5-11-79	[e]31.50	71,000	Dec 4	24.13	32,000	2
								Dec 26	23.80	30,500	<2

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					HOMOCHITTO RIVER BASIN						
208	07291000	Homochitto River at Eddiceton, Miss.	180	1938-	3-29-39	-----	30,900	Dec 4	13.07	22,000	3
					4-13-74	19.53	56,000	Dec 26	9.14	11,700	<2
209	07291250	McCall Creek near Lucien, Miss.	60	1955-	4-13-74	92.7	24,000	Dec 4	86.46	10,800	4
								Dec 26	83.99	7,600	2
210	07292500	Homochitto River at Rosetta, Miss.	750	1951-	5-04-53	36.03	-------	Dec 4	22.13	94,000	5
					4-13-74	28.60	150,000	Dec 26	17.67	35,000	<2
					BUFFALO RIVER BASIN						
211	07295000	Buffalo River near Woodville, Miss.	182	1942-	10-04-64	20.19	44,800	Dec 3	18.19	34,500	4
								Dec 26	16.30	24,300	<2
212	07373550	Moores Branch near Woodville, Miss.	0.21	1955-	3-24-73	9.90	455	Dec 4	5.26	166	<2
								Dec 26	9.19	435	>100
					RED RIVER BASIN						
213	07337000	Red River at Index, Ark.	48,030	1936-	2-23-38	34.25	297,000	Dec 4	16.33	54,000	b
214	07340000	Little River near Horatio, Ark.	2,662	1915, 1930-	8- -15	38.0	124,000	Dec 3	30.20	37,200	b
215	07340200	West Flat Creek near Foreman, Ark.	10.7	1962-	1-30-69	12.40	3,400	Dec 3	12.97	3,800	20
216	07340300	Cossatot River near Vandervoort, Ark.	89.6	1961-	5-06-61	23.0	48,000	Dec 3	19.50	32,000	6
217	07340500	Cossatot River near DeQueen, Ark.	360	1938-	5-13-68	22.60	122,000	Dec 3	17.21	21,800	b
218	07341000	Saline River near Dierks, Ark.	121	1939-	5-13-68	22.95	59,200	Dec 2	13.95	6,730	b
219	07341200	Saline River near Lockesburg, Ark.	256	1964-	5-07-61	25.6	-------	Dec 3	20.52	59,600	b
					5-14-69	20.86	64,700				
220	07348700	Bayou Dorcheat near Springhill, La.	605	1958-	4-28-58	22.79	36,400	Dec 8	14.38	4,320	<2
								Dec 29	16.68	10,900	4
221	07349500	Bodcau Bayou near Sarepta, La.	546	1939-	5-02-58	25.14	18,600	Dec 13	17.64	4,270	<2
								Dec 29	18.86	5,760	3

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					RED RIVER BASIN--Continued						
222	07351600	Bayou Pierre near Grand Bayou, La.	661	1933, 1978-	8- -33	26.93	7,260	Dec 17	25.64	6,620	
					1-22-79	35.4	------	Dec 29	26.78	7,190	
223	07351980	Saline Bayou near Bienville, La.	54.9	1966-	1-21-79	44.74	2,210	Dec 16	44.02	1,210	<2
								Dec 27	45.24	3,500	>100
224	07352000	Saline Bayou near Lucky, La.	154	1940-	1-01-45	12.90	13,500	Dec 17	7.99	2,170	<2
								Dec 28	10.58	7,230	10
225	07352295	Black Lake Creek at Gibsland, La.	44.8	1968-	3-07-76	50.63	------	Dec 28	46.93	3,350	7
226	07352400	Kepler Creek at Sparta, La.	21.1	1954-68 1974-	4-06-56	44.45	2,430	Dec 16	42.96	820	3
								Dec 28	43.69	1,450	6
227	07352500	Black Lake Bayou near Castor, La.	423	1941-	4-03-45	13.20	14,100	Dec 28	11.98	8,520	8
228	07352730	Antoine Creek near Ashland, La.	17.7	1965-	2-10-66	46.10	------	Dec 16	43.68	------	---
								Dec 28	44.53	------	---
229	07352800	Grand Bayou near Coushatta, La.	93.9	1957-77 1979-	9-21-58	11.47	7,920	Dec 16	8.61	1,320	<2
								Dec 28	9.84	3,280	4
230	07352895	Black Lake Bayou near Clarence, La.	908	1970-	1-30-74	18.88	-------	Jan 1	20.25	-------	---
231	07353520	Nantachie Lake near Aloha, La.	80.4	1969-	4-13-74	9.12	9,470	Dec 28	9.38	-------	---
232	07353990	Kisatchie Bayou at Kisatchie, La.	37.3	1966-	4-08-68	25.44	14,200	Dec 3	22.13	3,260	2
								Dec 27	26.13	17,800	>100
233	07354100	Kisatchie Bayou at Lotus, La.	140	1939, 1980-	3-30-39	19.43	-------	Dec 4	15.96	6,400	---
					3-28-80	16.15	6,800	Dec 27	18.17	11,500	---
234	07355500	Red River at Alexandria, La.	67,500	1879-	4-17-45	45.23	233,000	Jan 3	30.0	119,000	[f]3
235	07355650	Larto Lake at Dam near Acme, La.	291	1969-	5-(14-18)-73	59.26	-------	Jan 4	52.19	-------	---
236	07355900	Big Fork Tributary at Big Fork, Ark.	0.17	1964-	4-22-74	9.36	103	Dec 3	14.25	225	>100

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					RED RIVER BASIN--Continued						
237	07356000	Ouachita River near Mount Ida, Ark.	414	1942-	12-10-71	38.62	95,900	Dec 3	40.02	102,000	>100
238	07356700	Barnes Branch near Mount Ida, Ark.	1.85	1961-	12-10-71	14.50	1,140	Dec 3	16.79	3,070	>100
239	07359500	Ouachita River near Malvern, Ark.	1,585	1903-05, 1923-	5-15-23	30.3	140,000	Dec 3	27.06	125,000	b
240	07361500	Antoine River at Antoine, Ark.	178	1905, 1951-	1905	29.7	40,000	Dec 3	28.43	26,900	20
241	07362000	Ouachita River at Camden, Ark.	5,357	1886-	4-03-45	44.82	243,000	Dec 7	38.06	93,900	b
242	07362100	Smackover Creek near Smackover, Ark.	385	1938-	6-08-74	24.97	52,700	Dec 28	19.08	13,500	6
243	07362500	Moro Creek near Fordyce, Ark.	240	1952-	5-02-58	16.47	26,800	Dec 28	16.05	19,000	40
244	07363000	Saline River at Benton, Ark.	550	1927, 1938-	4- -27	30.5	110,000	Dec 4	26.37	64,700	10
245	07363200	Saline River near Sheridan, Ark.	1,123	1938-	2-01-69	22.42	71,000	Dec 6	19.43	38,900	4
246	07363300	Hurricane Creek near Sheridan, Ark.	204	1938-40, 1947-	6-27-60	18.55	52,300	Dec 28	15.64	11,700	4
247	07363450	Varnell Creek near Rison, Ark.	0.28	1964-	8-31-74	8.14	173	Dec 27	8.71	214	20
248	07363500	Saline River near Rye, Ark.	2,102	1938-	5-18-68	31.40	74,500	Dec 30	27.49	37,700	4
249	07364070	Bear Creek near Strong, Ark.	5.62	1963-	6-08-74	15.27	890	Dec 26	15.35	950	>100
250	07364110	Nevins Creek tributary near Pine Bluff, Ark.	0.75	1961-	5-04-79	8.67	408	Dec 27	8.78	418	50

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood G.Ht. (ft)	Flood Discharge (ft^3/s)	Frequency (years)
					RED RIVER BASIN--Continued						
251	07364150	Bayou Bartholomew near McGehee, Ark.	576	1939-	5-11-58	25.49	6,870	Jan 2	22.4	4,470	5
252	07364200	Bayou Bartholomew near Jones, La.	1,187	1958-	3-13-61 5-21-58	----- 28.24	6,680 -----	Jan 5	28.45	6,800	10
253	07364740	Bayou DeLoutre near Farmerville, La.	241	1966-	6-10-74	51.34	17,300	Dec 28	48.27	10,300	30
254	07364800	Bayou D'Arbonne at Homer, La.	e30	1954-68 1974-	4-29-58	47.75	8,180	Dec 28	46.02	1,510	2
255	07364840	Lake Claiborne near Aycock, La.	133	1968-	5-05-79	12.03	------	Dec 28	11.38	———	——
256	07364870	Sugar Creek near Arcadia, La.	e47	1966-	1-21-79	46.16	5,110	Dec 5 Dec 27	43.72 45.30	1,450 3,510	<2 6
257	07364890	Bayou D'Arbonne near Hico, La.	254	1980-	4-14-80	13.87	3,500	Dec 10 Dec 28	9.38 15.74	870 10,000	—— ——
258	07365300	Middle Fork Bayou D'Arbonne near Colquitt, La.	43.9	1954-68 1974-	4-26-58	49.68	17,900	Dec 28	46.25	3,300	3
259	07365800	Cornie Bayou near Three Creeks, Ark.	180	1956-	6-08-74	17.50	65,000	Dec 28	11.63	4,960	2
260	07366000	Corney Bayou near Lillie, La.	462	1941-	4-27-58	25.20	48,200	Dec 28	16.07	8,690	3
261	07366200	Little Corney Bayou near Lillie, La.	208	1956-	6-09-74	17.54	24,000	Dec 17 Dec 28	8.91 10.72	2,810 6,290	<2 4
262	07366300	Bayou D'Arbonne Lake at Farmerville, La.	1,607	1965-	6-11-74	45.43	------	Dec 28	45.04	———	——
263	07366350	Stowe Creek near Farmerville, La.	e29	1954-68 1974-	2-10-66	47.61	16,600	Dec 27	c49.90	12,800	50
264	07366403	Bayou Choudrant tributary near Tremont, La.	0.54	1966-	5-07-75	10.62	735	Dec 5 Dec 27	9.52 9.90	494 570	25 30

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					RED RIVER BASIN--Continued						
265	07366420	Bayou Choudrant near Calhoun, La.	113	1966-	2-10-66	44.72	9,190	Dec 5	41.91	1,820	<2
								Dec 27	48.06	24,200	>100
266	07367250	Guyton Creek near Eros, La.	8.76	1968-	6-10-75	13.53	2,330	Dec 5	9.67	260	<2
								Dec 27	14.38	2,250	40
267	07367300	North Chenlere Creek at Chenlere, La.	e38	1954-68 1974-	3-21-55	45.89	6,270	Dec 5	43.16	1,240	<2
								Dec 27	46.29	7,620	>100
268	07367600	Cypress Creek near Vixen, La.	e16	1954-68 1974-	4-12-74	48.83	8,820	Dec 5	46.59	1,150	<2
								Dec 27	48.50	6,650	20
269	07367630	Ouachita River at Columbia Lock & Dam near Riverton, La.	15,630	1976-	5-13-79	43.08	71,000	Jan 6	44.62	78,700	---
270	07368000	Boeuf River near Girard, La.	P1,226	1927, 1939-	5-07-27	31.7	------	Dec 5	15.11	1,670	<2
					5-02-58	-----	3,070	Dec 29	18.30	2,030	2
					5-06-58	21.51	------				
271	07369000	Bayou Lafourche near Crew Lake, La.	P361	1939-	5-02-58	-----	26,800	Dec 7	27.68	18,300	4
					2-14-66	27.55	------	Dec 30	29.24	22,800	6
272	07369500	Tensas River at Tendal, La.	P309	1927, 1936-	5-15-27	34.02	------	Dec 6	26.33	3,590	7
					11-19-48	-----	4,610	Dec 29	24.75	3,120	
		Tendal, La.			6-12-75	24.91	------				4
273	07369700	Bayou Macon near Kilbourne, La.	P504	1958-	5-05-58	-----	4,740	Dec 5	24.55	3,880	4
					3-17-73	26.73	------	Dec 28	25.22	4,080	5
274	07370000	Bayou Macon near Delhi, La.	P782	1882, 1936-	3- -1882	37.5		Dec 5	25.12	8,400	15
					5-06-58	26.0	------	Dec 29	25.34	9,200	20
					1-21-79	-----	9,480				
275	07370530	Black Bayou at Kelly, La.	51.9	1966-	3-04-77	41.87	6,500	Dec 3	37.73	670	<2
								Dec 28	44.42	15,200	>100
276	07370575	Caney Creek near Chatham, La.	48.8	1966-	2-10-66	48.76	------	Dec 27	45.80	17,000	>100
					5-08-78	45.72	7,610				

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					RED RIVER BASIN--Continued						
277	07370600	Beaucoup Creek near Cotton Plant, La.	127	1951-68 1974-	5-17-53	13.18	13,400	Dec 4	10.31	2,870	<2
								Dec 28	13.93	17,200	>100
278	07370650	Flat Creek near Sikes, La.	41.5	1951-68 1974-	5-17-53	12.56	------	Dec 5	9.44	1,120	<2
								Dec 28	13.28	11,000	20
279	07370660	Flat Creek near Olla, La.	103	1966-	4-12-74	50.98	17,500	Dec 5	46.22	1,900	<2
								Dec 28	50.83	16,800	25
280	07370700	Beech Creek near Olla, La.	e58	1954-68 1974-	4-12-74	46.78	23,900	Dec 5	41.45	1,120	<2
								Dec 28	44.89	10,800	10
281	07370750	Chickasaw Creek near Olla, La.	47.6	1954-	2-10-66	43.22	10,400	Dec 5	40.29	1,830	<2
								Dec 28	42.87	8,440	60
282	07370820	Dugdemona River near Quitman, La.	117	1965-	2-10-66	44.49	6,250	Dec 5	40.85	1,100	<2
								Dec 27	47.29	12,000	>100
283	07370840	Choctaw Creek near Hodge, La.	16.5	1966-	1-22-79	44.77	2,950	Dec 5	44.68	2,800	15
								Dec 27	45.92	5,400	>100
284	07370930	Cypress Bayou at Quitman, La.	91.8	1966-	2-11-66	45.80	13,500	Dec 5	40.99	2,010	<2
								Dec 27	47.73	21,600	>100
285	07370980	Little Dugdemona River near Hodge, La.	p20	1965-	5-07-78	46.87	3,140	Dec 5	42.23	286	<2
								Dec 27	48.25	7,600	>100
286	07371500	Dugdemona River near Jonesboro, La.	355	1939-	1-01-45	19.87	30,600	Dec 18	13.80	4,050	<2
								Dec 28	c21.20	41,500	>100
287	07372110	Brushy Creek near Joyce, La.	e24	1965-	4-12-74	47.63	14,800	Dec 4	42.79	894	<2
								Dec 28	46.09	7,320	10
288	07372200	Little River near Rochelle, La.	1,899	1958-	4-14-74	40.20	54,800	Dec 6	34.87	17,900	2
								Dec 29	c45.88	108,000	>100
289	07372300	Bear Creek near Packton, La.	e11	1954-68	4-08-68	48.78	12,500	Dec 3	42.79	405	<2
				1974	5-05-75	51.03	------	Dec 27	48.60	11,000	50
290	07372900	Dyson Creek near Pollock, La.	e12	1964-	7-23-69	47.87	4,800	Dec 1	40.52	230	<2
								Dec 27	43.75	1,040	3

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					RED RIVER BASIN--Continued						
291	07373000	Big Creek at Pollock, La.	e51	1942-	4-29-53	16.90	23,500	Dec 1	10.90	2,070	<2
								Dec 26	14.18	6,740	5
292	07373250	Hemphill Creek at Nebo, La.	35.3	1979-	4-14-79	11.00	6,020	Dec 3	8.39	2,410	---
								Dec 27	14.19	13,600	---
293	07373259	Catahoula Lake Control Structure, La.	-------	1972-	5-16-73	59.41	-------	Jan 3	53.80	-------	---
					MISSISSIPPI RIVER DELTA						
294	07375235	Tangipahoa River tributary near McComb, Miss.	2.71	1966-	3-24-73	10.23	1,460	Dec 4	8.32	830	6
								Dec 26	6.28	355	<2
295	07376760	CRS Draw near Liberty, Miss.	0.8	1966-	3-24-73	10.17	764	Dec 4	7.78	440	5
								Dec 26	9.69	710	40
296	07381490	Atchafalaya River at Simmesport, La.	-------	1903-	5-16-27	59.13	-------	Jan 12	38.75	513,000	--
					5-12-73	54.43	781,000				
297	07381590	Wax Lake Outlet at Calumet, La.	-------	1977-	5-04-79	7.32	-------	Jan 12	6.58	-------	--
298	07381600	Lower Atchafalaya River at Morgan City, La.	-------	1977-	5-04-79	6.71	-------	Dec 27	6.23	-------	--
299	07381800	Spring Creek near Glenmora, La.	68.4	1953,	5- -53	20.50	-------	Dec 4	12.64	979	<2
				1954-	9-20-79	17.55	6,920	Dec 26	17.57	7,580	50
300	07382000	Bayou Cocodrie near Clearwater, La.	240	1922-24	5-18-53	26.72	28,200	Dec 5	17.47	1,320	<2
				1938-				Dec 28	23.28	7,270	90
301	07382500	Bayou Courtableau at Washington, La.	p715	1946-	5-21-53	-----	9,490	Dec 6	d27.08	4,010	<2
					5-22-53	d35.29	-------	Jan 10	d30.07	4,870	3
302	07383500	Bayou Des Glaises at Moreauville, La.	p270	1943-	5-18-53	22.68	6,340	Dec 4	17.39	-------	--
								Dec 27	19.32	-------	--
								Dec 28	-----	2,400	<2
303	07385500	Bayou Teche at Arnaudville, La.	p1,531	1949-	5-24-53	-----	4,630	Dec 4	d18.95	2,360	b
					5-23-53	d24.27	-------	Dec 27	d21.86	2,400	

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					MISSISSIPPI RIVER DELTA—Continued						
304	07385700	Bayou Teche near St. Martinville, La.	-------	1927, 1960–	5-27-27 9-05-73	24.30 -----	------- 3,970	Dec 4 Dec 26	11.96 12.74	2,390 3,790	b
					MERMENTAU RIVER BASIN						
305	08010000	Bayou Des Cannes near Eunice, La.	131	1939–	5-20-53	22.36	11,900	Dec 5 Dec 28	16.68 20.16	------- 7,460	-- 7
306	08011800	Castor Creek near Oberlin, La.	43.9	1964–	9-20-79	49.93	8,560	Dec 27	46.78	3,240	4
307	08012000	Bayou Nezpique near Basile, La.	527	1939–	5-20-53	34.39	35,800	Dec 5 Dec 30	20.42 26.22	3,740 13,600	<2 8
					CALCASIEU RIVER BASIN						
308	08012650	Floctaw Creek near Lacamp, La.	18.7	1951-68 1974–	5-18-53	19.00	28,800	Dec 2 Dec 27	14.33 14.70	1,970 2,640	<2 3
309	08013000	Calcasieu River near Glenmora, La.	499	1944–	5-19-53	21.55	59,900	Dec 4 Dec 28	15.64 20.40	12,700 45,000	2 30
310	08013500	Calcasieu River near Oberlin, La.	753	1923-24 1939–	5-19-53	26.53	72,800	Dec 4 Dec 30	18.63 24.33	15,300 51,100	2 50
311	08013700	Drakes Creek near Pitkin, La.	22.1	1954-68 1974–	8-04-55	17.41	7,800	Dec 3 Dec 27	15.01 17.36	1,130 7,540	<2 35
312	08013800	Little Sixmile Creek near Pitkin, La.	10.4	1954–	10-11-77	16.70	4,200	Dec 3 Dec 27	13.71 14.40	1,040 1,590	<2 3
313	08013950	Big Brushy Creek near Pitkin, La.	34.4	1965–	11-12-66	20.70	13,000	Dec 3 Dec 27	15.46 17.54	1,380 3,880	<2 5
314	08014000	Sixmile Creek near Sugartown, La.	171	1957–	11-12-66	17.66	21,600	Dec 27	17.52	20,700	90
315	08014200	Tenmile Creek near Elizabeth, La.	94.2	1950–	5-18-53	21.33	31,900	Dec 27	17.62	11,800	15
316	08014500	Whisky Chitto Creek near Oberlin, La.	510	1886, 1939–	6- -1886 5-18-53	[c]25.7 [c]32.8	 144,000	Dec 2 Dec 27	18.80 25.66	9,490 45,800	<2 25
317	08014600	Flat Creek near De Ridder, La.	26.3	1964–	3-25-73	13.42	7,240	Dec 27	13.79	8,450	80

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	G.Ht. (ft)	Discharge (ft^3/s)	Frequency (years)
					CALCASIEU RIVER BASIN--Continued						
318	08014800	Bundick Creek near De Ridder, La.	120	1957-79	11-12-66	20.79	7,090	Dec 27	[c]21.88	18,100	90
319	08014880	Bundick Lake near Dry Creek, La.	-------	----	--------	-----	-------	Dec 28	[c,d]104.3	-------	--
320	08015200	Dry Creek at Dry Creek, La.	42.7	1954-68 1975-	9-20-79	24.60	7,200	Dec 28	24.66	7,250	15
321	08015500	Calcasieu River near Kinder, La.	1,700	1923-24 1939-57 1962-	5-19-53	32.00	182,000	Dec 5 Dec 29	19.26 26.35	28,800 102,000	2 50
322	08016400	Beckwith Creek near De Quincy, La.	148	1946-	5-21-55	24.45	13,800	Dec 5 Dec 27	16.93 23.71	1,970 11,700	<2 25
323	08016500	Hickory Branch near Longville, La.	34.9	1953-68 1977-	5-20-55	21.38	10,200	Dec 28	19.72	6,280	9
324	08016600	Hickory Branch at Kernan, La.	82.2	1946-	5-20-55	27.83	11,400	Dec 28	28.60	12,500	35
325	08016800	Bear Head Creek near Starks, La.	177	1954-	5-18-80	17.70	11,500	Dec 5 Dec 28	13.47 18.24	1,380 18,000	<2 >100
326	08017050	Calcasieu River & Pass at Lake Charles, La.	-------	1937-73 1975-	5-22-53	9.8	------	Dec 31	6.3	------	---
					SABINE RIVER BASIN						
327	08023080	Bayou Grand Cane near Stanley, La.	27.5	1980-	4-12-80	14.18	6,200	Dec 15 Dec 28	12.98 11.75	4,130 2,290	--- ---
328	08023270	Bull Bayou near Hunter, La.	8.54	1964-	4-12-80	14.57	672	Dec 28	12.18	430	5
329	08023400	Bayou San Patricio near Benson, La.	80.2	1954-68 1978-	9-20-58	20.36	21,300	Dec 16 Dec 28	16.60 17.22	3,400 5,780	3 7
330	08024030	Bayou Scie at Zwolle, La.	45.9	1950-68 1974-	4-09-68	16.33	15,800	Dec 3 Dec 28	8.52 12.11	538 2,920	<2 3
331	08024060	Blackwell Creek at Many, La.	3.16	1960-	5-08-69	13.09	946	Dec 3 Dec 28	9.89 11.21	454 638	2 4

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood G.Ht. (ft)	Flood Discharge (ft^3/s)	Frequency (years)
					SABINE RIVER BASIN--Continued						
332	08025350	Toledo Bend Reservoir, La.	7,178	1967-	3-21-69	[d]173.42	-------	Dec 28	[d]172.37	-------	---
333	08025500	Bayou Toro near Toro, La.	148	1956-	4-09-68	25.73	31,200	Dec 1	10.50	1,390	<2
								Dec 28	23.01	14,300	10
334	08025850	Pearl Creek at Burr Ferry, La.	9.66	1967-	4-12-80	9.74	1,650	Dec 3	5.77	440	<2
								Dec 28	10.79	2,150	>100
335	08026000	Sabine River near Burkeville, Tex.	7,482	1884, 1956-	5- -1884	35.9	----------	Dec 27	28.20	36,600	b
					1-29-74	34.20	80,600	Dec 29	28.43	37,100	b
336	08026200	Red Bank Creek at Evans, La.	17.2	1966-	4-12-80	20.60	4,200	Dec 28	21.95	6,000	40
337	08026700	West Anacoco Creek near Hornbeck, La.	22.2	1950-68, 1974-	4-09-68	18.48	7,930	Dec 3	11.87	950	<2
								Dec 28	17.82	6,910	10
338	08027550	Prairie Creek near Leesville, La.	40.0	1949-68 1974-	4-29-53	47.68	28,000	Dec 3	43.71	3,300	3
								Dec 28	48.11	33,600	>100
339	08028000	Bayou Anacoco near Rosepine, La.	365	1952-	5-19-53	28.38	64,300	Dec 4	21.02	8,260	2
								Dec 28	[c]27.76	59,000	40
340	08028500	Sabine River near Bon Wier, Tex.	8,229	1913, 1924-	4-23-13	33.5	----------	Dec 29	26.86	83,800	b
					5-19-53	28.70	115,000				
341	08028700	Hoosier Creek near Merryville, La.	13.1	1956-81	3-24-73	12.86	3,550	Dec 28	[c]13.12	3,860	>100
342	08029700	Brushy Creek at Bancroft, La.	25.9	1954-68 1974-	9-21-58	16.97	----------	Dec 28	17.88	9,190	>100
					5-17-80	16.92	4,530				
343	08030500	Sabine River near Ruliff, Tex.	9,329	1884, 1925-	5- -1884	22.2	----------	Dec 31	18.00	90,000	b
					5-22-53	19.98	121,000				
					MISSISSIPPI RIVER MAIN STEM						
344	05587500	Mississippi River at Alton, Ill.	171,500	1927-	4-28-73	432.15	----------	Dec 8	427.73	401,000	15
					4-29-73	-------	535,000				
345	07010000	Mississippi River at St. Louis, Mo.	701,000	1844, 1861-	6-27-1844	41.32	1,300,000	Dec 7	37.98	694,000	5
					4-28-73	43.23	852,000				
346	07020500	Mississippi River at Chester, Ill.	708,600	1844, 1928-	6-30-1844	39.80	1,350,000	Dec 9	39.50	753,000	5
					4-30-73	43.32	886,000				

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

Map no.	Station number	Station name and location	Drainage area (mi^2)	Period of record	Discharge data: Previous flood Date	Previous flood G.Ht. (ft)	Previous flood Discharge (ft^3/s)	Flood of December 1982 and January 1983 Date	Flood of December 1982 and January 1983 G.Ht. (ft)	Flood of December 1982 and January 1983 Discharge (ft^3/s)	Frequency (years)
					MISSISSIPPI RIVER MAIN STEM--Continued						
347	07022000	Mississippi River at Thebes, Ill.	713,200	1844, 1933-	6-04-1844	345.14	1,375,000	Dec 9	42.36	832,000	5
348	07295100	Mississippi River at Tarbert Landing, Miss.	1,124,900	1932-	2-19-37	58.09	1,977,000	Jan 11	53.4	1,195,000	<2
349	07374000	Mississippi River Baton Rouge, La.	1,125,810	1871-	4-16-45 5-15-27	------ 47.8	1,473,000 ---------	Jan 13	37.3	[9]1,070,000	2

FOOTNOTES:

[a]At former site and datum

[b]Not determined because of regulation

[c]From floodmark

[d]Elevation (NGVD)

[e]Approximately

[f]From regional relationship

[g]Discharge measurement

[h]Indirect measurement made at site 14 miles downstream from gaging station. Drainage area at this site is 603 mi^2.

[i]Prior to 3/31/81 gage located at site 1.4 miles upstream at same datum

[j]Estimated discharge

[k]Occurred on following day

[m]Gage height affected by ice

[n]Estimated from observer gage-height readings

[p]Interchange of flow between basins