

ANNUAL PEAK DISCHARGES AND STAGES THROUGH 1984
FOR GAGING STATIONS IN ARKANSAS

By Braxtel L. Neely, Jr.

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CONVERSION FACTORS

For use of readers who prefer to use metric (International System) units, conversion factors for inch-pound units used in this report are listed below:

<u>Multiply inch-pound unit</u>	<u>By</u>	<u>To obtain</u>
foot (ft)	0.3048	meter (m)
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second (m ³ /s)
mile (mi)	1.609	kilometer (km)
square mile (mi ²)	2.590	square kilometer (km ²)

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Mean Sea Level of 1929."

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ABSTRACT

Annual peak discharges and stages at 254 gaging stations, which are the basic data supporting the U.S. Geological Survey report "Magnitude and Frequency of Floods in Arkansas", are presented.

These data include the peak discharge and stage for each year and the date of occurrence, location of gaging station, description of gage, and supplemental remarks. These data are from gaging stations which have at least 10 years of record. A map of the area shows the location of the data-collection gaging stations.

INTRODUCTION

The primary use for annual peak discharge data is for flood-frequency studies. The magnitude and frequency of floods are primary factors in the design of bridges, culverts, streets, embankments, dams, levees, and other structures near streams. Information on flood magnitude and frequency is used in managing flood plains, planning subdivisions, and establishing flood insurance rates.

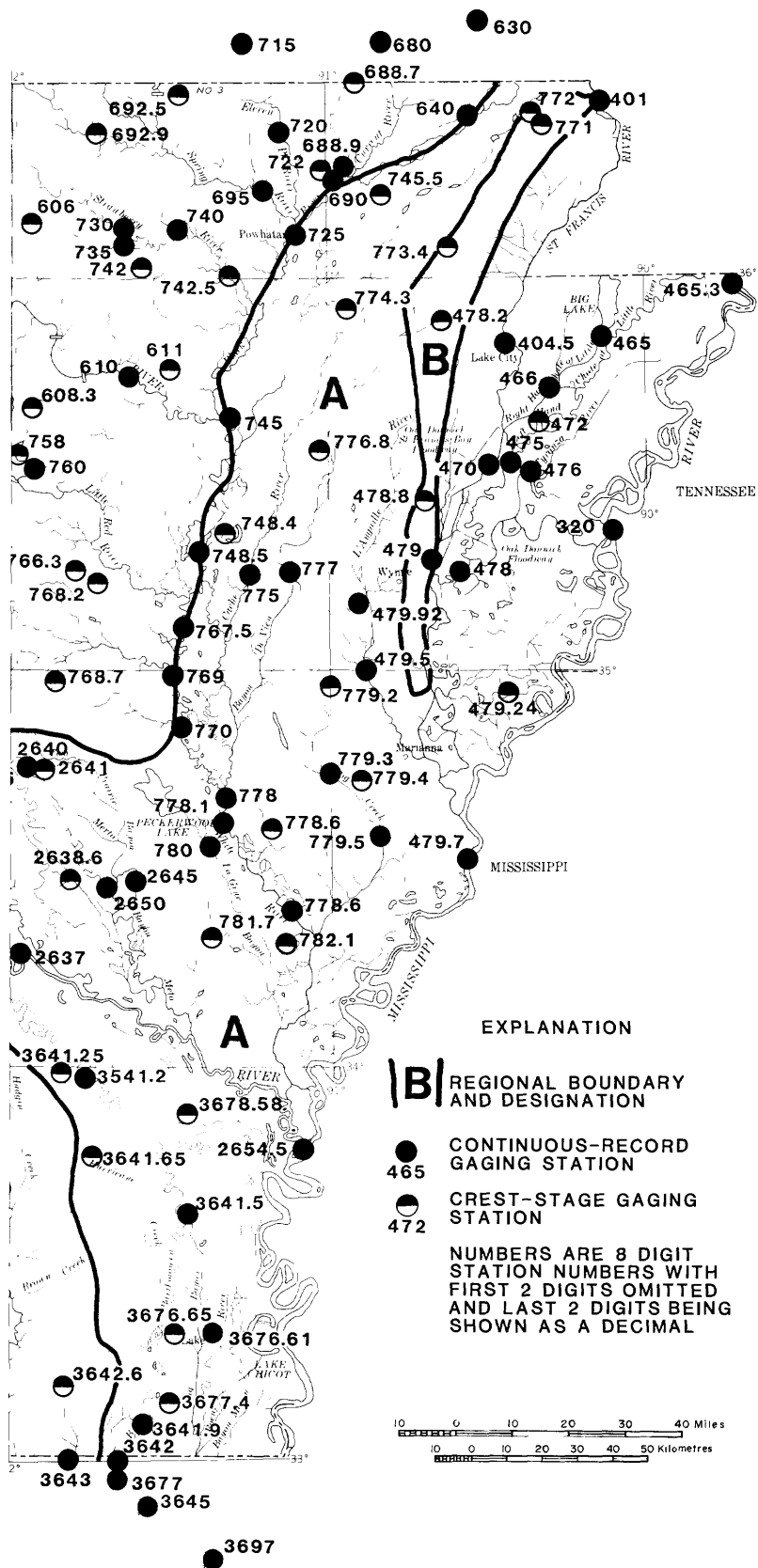
This report presents annual peak discharges and stages at all gaging stations in Arkansas, Missouri, Louisiana, and Oklahoma used in developing two sets of magnitude-frequency relations (for Regions A and B) for floods in Arkansas (Neely, 1987). The primary study area is Arkansas (fig. 1), however, data collected outside the State on streams draining into and from Arkansas are included. Data shown in this report were collected through the 1984 water year.

ANNUAL PEAK DISCHARGE AND STAGE DATA AT GAGING STATIONS

Data in this report were collected primarily by the U.S. Geological Survey in cooperation with the Arkansas Geological Commission and the Arkansas State Highway and Transportation Department and by the U.S. Army Corps of Engineers. Annual peak discharge and stage data for 254 gaging stations (fig. 1) that have 10 or more years of record are tabulated. Of these stations, 3 are in Missouri, 3 in Oklahoma, and 12 in Louisiana.

The peak discharge and stage data were collected at two types of gaging stations: (1) regular gaging stations where records of daily stage and discharge are collected, and (2) crest-stage gaging stations where only the maximum peak stage and discharge for each year are determined. Of the 254 gaging stations presented in this report, 160 are regular gaging stations and 94 are crest-stage gaging stations. Generally, regular gaging stations are on large streams and have been operated for a relatively long period. Almost all have drainage areas greater than 100 mi². The crest-stage gaging program was begun in 1960 to fill the need for flood data on streams with small drainage areas. The drainage areas upstream from these sites range from less than 0.1 mi² to about 50 mi².

The following table contains peak discharge and stage data for gaging stations have 10 or more years of record through the 1984 water year. The table contains a brief description of the gage location, type of gage, gage datum (if known), historical data, and occasional explanatory remarks.



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annually).

Table 1.--Annual peak discharge and stage data at gaging stations

[Generally, only annual maximums are shown. Supplemental peaks are shown at some sites if the secondary peak is relatively high. A line in the water-year column indicates a break in record; a line in the gage-height column indicates a change in datum; a line in the date and discharge columns indicates a change in gage location; and a continuous line from the date column through the discharge column indicates a change in gage locations and datum. mi = mile; ft³/s = cubic feet per second; mi² = square miles; a = peak stage occurred on different day. Sea level is used instead of National Geodetic Vertical Datum of 1929]

MISSISSIPPI RIVER MAIN STEM

07032000 Mississippi River at Memphis, Tenn.

Location.--Lat 35°07'37", long 90°04'25", on left bank 50 ft downstream from Harahan Bridge at Memphis, Shelby County, 1.3 miles downstream from Beale Street gage, 3.5 miles downstream from Wolf River, 70 miles upstream from St. Francis River, and at mile 734.8.

Drainage area.--932,800 mi².

Gage.--Nonrecording prior to April 16, 1934, at site 1.3 miles upstream (Beale Street gage) and April 16 to December 21, 1934, in present vicinity; recording thereafter. All gages at datum 183.91 ft above sea level, 184.21 ft above mean Gulf level (1912, Mississippi River Commission), and 190.86 ft on Memphis datum (1881, Mississippi River Commission). To adjust gage heights obtained at present site to those obtained at Beale Street, add 0.3 ft for each 10-ft increment of stage.

Stage-discharge relation.--Defined by current-meter measurements. (Measurements made frequently since 1932 and occasionally from 1882 to 1904.)

Bankfull stage.--34 ft.

Remarks.--Records furnished by Corps of Engineers. Natural flow of stream affected by many reservoirs and navigation dams. Records of peaks prior to 1935 from reports of Mississippi River Commission. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge, (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge, (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge, (ft ³ /s)
1872	4/24/72	31.50		1909	3/22/ 9	38.60		1946	1/20/46	36.14a	1410
1873	3/ 3/73	32.50		1910	3/19/10	33.12		1947	4/23/47	32.12	1128
1874	5/ 2/74	34.00		1911	4/25/11	36.42		1948	4/ 8/48	36.49	1310
1875	8/15/75	33.05		1912	4/ 6/12	45.23		1949	2/ 4/49	35.20	1271
1876	4/ 8/76	34.08		1913	4/ 9/13	46.55		1950	1/24/50	40.50a	1568
1877	4/29/77	32.05		1914	4/15/14	32.63		1951	3/ 3/51	35.32	1217
1878	5/ 2/78	29.10		1915	2/17/15	36.08		1952	4/ 1/52	37.12	1323
1879	1/29/79	28.10		1916	2/ 9/16	43.40		1953	5/24/53	25.93	843
1880	3/24/80	33.40		1917	4/10/17	40.38		1954	1/29/54	19.17	630
1881	4/27/81	33.30		1918	3/ 1/18	30.00		1955	4/ 1/55	35.47	1247
1882	3/ 6/82	35.15		1919	3/29/19	37.30		1956	2/28/56	29.37a	1012
1883	3/ 6/83	34.75		1920	4/ 5/20	40.30		1957	2/16/57	31.16	1060
1884	3/ 1/84	34.15		1921	4/ 8/21	29.90		1958	7/31/58	29.88a	967
1885	1/28/85	29.25		1922	4/ 1/22	42.50		1959	2/26/59	27.90	884
1886	4/28/86	34.80		1923	3/27/23	36.30		1960	4/17/60	33.28	1,137
1887	3/ 9/87	35.30		1924	1/18/24	34.10		1961	5/20/61	40.18a	1,451
1888	4/11/88	34.20		1925	3/ 3/25	29.00		1962	3/21/62	36.84	1,281
1889	6/26/89	26.60		1926	4/19/26	31.00		1963	3/28/63	36.61a	1,311
1890	3/20/90	35.60	1,345	1927	4/23/27	45.80	1,744	1964	3/26/64	33.14	1,150
1891	3/10/91	34.90	1,289	1928	7/10/28	35.80		1965	4/12/65	32.99a	1,110
1892	5/ 2/92	34.60		1929	5/22/29	41.50		1966	2/21/66	27.69a	931
1893	5/15/93	35.20		1930	1/22/30	34.70		1967	5/24/67	29.77	1,010
1894	2/19/94	29.00		1931	4/15/31	24.40		1968	6/10/68	28.33	907
1895	1/23/95	24.05		1932	2/19/32	38.70	1,308	1969	2/15/69	33.66a	1,130
1896	4/15/96	29.40		1933	4/ 9/33	40.40a	1,416	1970	5/11/70	33.26	1,145
1897	3/20/97	37.66		1934	3/19/34	29.98	839	1971	3/ 8/71	32.78	1,190
1898	4/10/98	37.22		1935	3/28/35	37.20	1,190	1972	5/ 3/72	32.78	1,150
1899	4/ 1/99	35.20		1936	4/21/36	39.33	1,340	1973	4/ 1/73	40.48a	1,630
1900	3/19/ 0	29.47		1937	2/ 8/37	48.69a	1,980	1974	2/ 7/74	36.36	1,490
1901	5/ 6/ 1	32.12		1938	4/20/38	32.97	971	1975	4/ 7/75	40.32	1,780
1902	3/21/ 2	30.90		1939	2/28/39	37.76	1,280	1976	2/28/76	25.79a	860
1903	3/20/ 3	40.10		1940	5/ 6/40	31.70	962	1977	4/15/77	24.70	893
1904	4/11/ 4	39.20		1941	4/28/41	20.64	595	1978	4/ 2/78	34.21	1,350
1905	3/21/ 5	28.93		1942	3/27/42	30.20	987	1979	4/21/79	39.24	154
1906	4/15/ 6	37.07		1943	6/ 3/43	37.75	1,384	1980	4/ 3/80	31.99a	1,260
1907	2/ 3/ 7	40.30		1944	5/ 5/44	37.11	1,289	1981	5/26/81	24.90	953
1908	3/24/ 8	35.55		1945	3/24/45	39.26a	1,446				

ST. FRANCIS RIVER BASIN

07040100 St. Francis River at St. Francis, Ark.

Location.--Lat 36°27'21", long 90°08'13", in sec. 18, T.21 N., R.9 E., at bridge on U.S. Highway 62 at St. Francis, at mile 229.0.

Drainage area.--1,772 mi².

Gage.--Nonrecording prior to August 1, 1946; recording thereafter. Datum of gage is 270.57 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--19 ft.

Remarks.--Records furnished by Corps of Engineers. Flow regulated by Wappapello Reservoir since April 1, 1941 (capacity at spillway crest, 625,000 acre-ft); flood records affected since that date. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1916	2/ 16	23.16		1938	4/ 4/38	23.60a	18,600	1960	12/28/59	18.50	6,140
1917	4/ 9/17	20.50		1939	4/23/39	22.70	14,900	1961	5/13/61	21.85	13,600
1918	5/18/18	22.10		1940	4/24/40	21.00a	9,720	1962	3/ 4/62	20.83	9,540
1919	12/22/18	20.30		1941	1/ 9/41		3,060	1963	6/ 4/63	17.67a	4,940
1920	5/25/20	22.60		1942	4/15/42	20.20	8,930	1964	3/14/64	22.10	13,400
1921	5/ 4/21	22.70		1943	1/ 5/43	19.60	7,460	1965	4/15/65	18.72	6,200
1922	4/ 6/22	23.60		1944	4/12/44	19.60	7,600	1966	5/ 2/66	21.88	13,500
1923	5/21/23	25.10		1945	4/20/45	23.50	20,500	1967	5/15/67	18.51a	6,320
1924	6/ 6/24	18.30		1946	5/28/46	21.65	13,000	1968	3/27/68	20.60	10,100
1925	2/28/25	16.80		1947	5/ 3/47	20.53a	8,950	1969	2/ 3/69	22.80	16,000
1926	11/14/25	22.90		1948	1/12/48	20.91a	9,560	1970	5/ 1/70	21.25a	12,100
1927	4/18/27	26.60		1949	2/15/49	22.82	17,000	1971	2/23/71	19.52	6,370
1928	6/26/28	26.70		1950	1/14/50	23.42	20,000	1972	5/ 2/72	21.20	10,600
1929	5/19/29	25.20		1951	2/25/51	21.10	12,000	1973	5/ 2/73	22.37	14,500
1930	1/18/30	26.50	33,100	1952	11/30/51	21.17	11,700	1974	12/31/73	21.75a	15,400
1931	3/15/31	19.40	6,540	1953	3/23/53	19.10	6,250	1975	3/29/75	23.98	21,700
1932	1/23/32	21.60a	11,200	1954	6/19/54	17.25	5,210	1976	2/18/76	20.76	8,190
1933	5/18/33	27.10	31,000	1955	3/29/55	20.60	8,700	1977	3/29/77	23.48	17,400
1934	4/ 3/34	18.50	5,350	1956	2/26/56	18.65	6,330	1978	3/14/78	22.35	12,900
1935	3/15/35	28.20	39,200	1957	5/27/57	23.00	17,300	1979	4/ 2/79	24.83	27,400
1936	4/13/36		4,400	1958	3/29/58	21.85	12,900	1980	3/31/80	20.36	6,760
1937	1/19/37	26.70	28,600	1959	11/28/58		6,010				

07040450 St. Francis River at Lake City, Ark.

Location.--Lat 35°49'16", long 90°25'56", in SE 1/4 sec.22, T.14 N., R.6 E., at bridge on State Highway 18 at Lake City, at mile 173.6.

Drainage area.--2,374 mi².

Gage.--Nonrecording prior to September 1, 1948; recording thereafter. Datum of gage is 217.69 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--9 ft.

Remarks.--Records furnished by Corps of Engineers. Flow regulated by Wappapello Reservoir since April 1, 1941 (capacity at spillway crest, 625,000 acre-ft). Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1917	4/13/17	8.90		1939	3/15/39	10.10	14,000	1961	5/ 9/61	9.90	14,400
1918	5/14/18	9.20		1940	4/30/40	8.70	9,470	1962	2/28/62	10.88	18,300
1919	1/ 3/19	9.80		1941	1/16/41		3,100	1963	5/28/63	6.92	6,380
1920	6/ 2/20	9.10		1942	2/20/42	8.70	10,300	1964	3/11/64	10.96	17,700
1921	5/12/21	9.30		1943	5/17/43	7.50	7,080	1965	2/13/65	8.87	9,670
1922	4/12/22	9.60		1944	4/13/44	8.90	10,900	1966	1/ 3/66	12.20	22,500
1923	5/17/23	10.10		1945	4/24/45	11.90	21,300	1967	5/16/67	9.10	10,800

07040450 St. Francis River at Lake City, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1924	1/ 1/24	7.70		1946	5/27/46	10.00	18,000	1968	4/ 5/68	9.91	13,300
1925	2/26/25	7.20		1947	5/10/47	8.10	9,260	1969	1/31/69	11.45	17,500
1926	10/27/25	9.10		1948	1/16/48	8.60	10,100	1970	5/ 3/70	10.31	13,800
1927	4/16/27	10.50		1949	1/31/49	11.24	19,400	1971	2/24/71		8,290
1928	6/24/28	10.70		1950	1/14/50	12.98a	25,700	1972	5/ 2/72	10.04a	15,700
1929	5/18/29	10.00		1951	2/22/51		14,800	1973	4/21/73	12.79	30,400
1930	1/15/30	11.10		1952	1/ 5/52	10.90	18,600	1974	11/27/73	10.46	17,500
1931	3/22/31	7.00	5,280	1953	3/19/53	9.90	15,200	1975	3/30/75	12.38	25,800
1932	1/19/32	10.50	15,400	1954	5/ 4/54	6.95	5,730	1976	2/19/76	10.22	14,600
1933	5/25/33	10.90	16,800	1955	4/ 6/55	8.76	10,600	1977	4/ 4/77	9.57	13,400
1934	3/28/34	9.40	11,900	1956	2/19/56	10.25	15,500	1978	3/15/78		10,500
1935	3/23/35	12.00	20,900	1957	6/ 2/57		19,200	1979	4/ 2/79	14.37a	42,700
1936	4/16/36		3,940	1958	11/20/57	12.95	24,200	1980	4/14/80	7.76a	7,940
1937	1/22/37	13.30	36,700	1959	2/16/59	8.78	10,500				
1938	4/ 9/38	10.70	16,100	1960	5/22/60	7.90	7,940				

07046600 Right Hand Chute of Little River at Rivervale, Ark.

Location.--Lat 35°40'20", long 90°20'12", in SW 1/4 sec.10, T.12 N., R.7 E., at floodway bridge at Rivervale.

Drainage area.--2,106 mi².

Gage.--Nonrecording prior to October 6, 1949; recording thereafter. Datum of gage is 213.15 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--8 ft.

Remarks.--Records furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	3/12/39	11.20		1953	3/27/53	9.27a	8,540	1967	5/19/67	11.27	19,000
1940	4/28/40	7.85		1954	5/ 8/54	5.00	2,680	1968	5/18/68	10.06	14,300
1941	2/ 1/41	4.85		1955	3/29/55	8.70	6,340	1969	2/ 3/69	12.80	29,500
1942	4/18/42	8.45		1956	2/24/56	10.70	9,340	1970	4/29/70	9.97	16,900
1943	5/21/43	8.40		1957	5/29/57	12.93	23,700	1971	2/27/71	9.73	14,100
1944	4/20/44	10.00		1958	11/23/57	13.55	31,400	1972	4/26/72	8.41	10,600
1945	6/22/45	12.90	23,000	1959	2/22/59	8.30	6,330	1973	4/23/73	12.70	32,400
1946	1/18/46	9.65	11,000	1960	5/27/60	7.85	5,100	1974	11/28/73	10.79	17,500
1947	4/19/47	7.80	5,800	1961	5/14/61	11.30	18,600	1975	4/ 2/75	12.75	33,800
1948	4/ 5/48	9.45	8,030	1962	3/ 4/62	12.20	23,900	1976	2/23/76	9.22	15,400
1949	2/ 2/49	12.60	23,100	1963	3/13/63	8.06	5,870	1977	4/ 4/77	7.74	8,320
1950	2/20/50	12.37a	29,200	1964	3/16/64	12.09	22,500	1978	3/17/78		11,400
1951	1/22/51	10.60	14,900	1965	2/16/65	11.21	16,400	1979	4/ 6/79	13.28	35,600
1952	1/10/52	11.82	20,600	1966	1/ 6/66	12.54	24,700	1980	4/16/80	7.42a	8,450

07047000 St. Francis River floodway near Marked Tree, Ark.

Location.--Lat 35°32'15", long 90°29'05", in SE 1/4 NE 1/4 sec.31, T.11 N., R.6 E., on downstream side of bridge on U.S. Highway 63, 3.6 miles west of Marked Tree.

Drainage area.--Indeterminate. Total drainage area of St. Francis River and St. Francis River floodway, 5,148 mi².

Gage.--Nonrecording. Prior to October 1, 1965, at site 4.8 miles upstream at datum 192.08 ft above sea level (Morgan Engineering Co. benchmark). Datum of present gage is 185.00 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 47,000 ft³/s.

Remarks.--Flow diverted from St. Francis River bypasses Marked Tree and returns to St. Francis River downstream from Marianna. Regulation by Wappapello Reservoir since 1941 (capacity, 625,000 acre-ft) does not materially affect peak flows. (See St. Francis River at Marked Tree for maximum daily discharges.)

07047000 St. Francis River floodway near Marked Tree, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1935	3/25/35		36,200	1947	4/21/47		8,410	1959	2/24/59		12,800
1936	4/23/36		3,400	1948	4/ 4/48		12,700	1960	5/28/60		8,420
1937	1/26/37		53,000	1949	2/ 4/49		32,600	1961	5/18/61		27,300
1938	3/ 2/38		22,200	1950	1/19/50		46,800	1962	3/ 4/62		34,000
1939	3/16/39		21,800	1951	3/ 1/51		20,600	1963	3/17/63		7,930
1940	5/ 2/40		12,600	1952	1/11/52		25,700	1964	3/17/64		30,100
1941	2/10/41		2,190	1953	3/23/53		15,300	1965	2/18/65		21,700
1942	4/21/42		12,100	1954	5/ 6/54		4,570	1966	1/ 9/66	27.82	20,000
1943	5/25/43		8,750	1955	4/ 7/55		13,200	1967	5/22/67	26.53	18,400
1944	4/22/44		16,800	1956	2/25/56		17,500	1968	5/21/68	26.36	21,100
1945	6/22/45		36,400	1957	6/ 2/57		36,800	1969	2/ 6/69		37,600
1946	6/ 4/46		16,000	1958	11/23/57		45,700	1970	4/30/70	25.80	19,700

07047200 Ditch No. 45 near Lepanto, Ark.

Location.--Lat 35°36'46", long 90°22'30", in SW 1/4 SW 1/4 sec.32, T.12 N., R.7 E., on left upstream wingwall, 7 ft upstream from culvert on State Highway 14, 0.5 mile upstream from Ditch No. 45B, and 2.5 miles west of Lepanto.

Drainage area.--2.16 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from 1969 to 1974.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	11/22/61	8.46	185	1970	4/25/70	8.36	176	1978	5/ 7/78	8.65	203
1963	3/ 5/63	8.71	208	1971	2/21/71	8.06	154	1979	12/ 8/78	8.37	178
1964	3/ 9/64	8.40	180	1972	9/29/72	7.78	134	1980	12/24/79	7.15	94
1965	2/11/65	8.21	165	1973	4/19/73	8.83	220	1981	6/ 6/81	8.67	204
1966	2/ 9/66	8.25	168	1974	4/22/74	8.84	220	1982	4/16/82	7.70	117
1967	10/ 1/66	8.27	169	1975	3/28/75	8.49	188	1983	12/ 3/82	7.81	126
1968	4/ 4/68	8.19	162	1976	3/29/76	8.06	148	1984	3/ 5/84	7.90	143
1969	1/30/69	8.78	215	1977	2/ 3/77	7.93	136				

07047500 St. Francis River at Marked Tree, Ark.

Location.--Lat 35°31'58", long 90°25'25", in NE 1/4 SW 1/4 sec.35, T.11 N., R.6 E., near left bank on downstream side of pier of bridge on U.S. Highway 63 at Marked Tree, 4.8 miles downstream from Little River, and 7 miles downstream from dam of Poinsett County Drainage District 7.

Drainage area.--Indeterminate. Total drainage area of St. Francis River and St. Francis River floodway, 5,148 mi².

Gage.--Nonrecording prior to January 18, 1935; recording thereafter. Auxiliary nonrecording gage from December 23, 1934, to February 18, 1941, and recording gage thereafter at site 3 miles upstream. All gages at datum 196.44 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 7,100 ft³/s. Affected by variable slope.

Bankfull stage.--17 ft.

Remarks.--Floodflow is diverted through St. Francis River floodway at dam of Poinsett County Drainage District 7, 7 miles upstream from station, and returns to St. Francis River downstream from Marianna. Only annual maximum daily discharges are shown.

07047500 St. Francis River at Marked Tree, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1935	3/26/35	13.19a	4150	1948	3/ 3/48	9.04	4450	1961	5/11/61	11.09	3560
1936	4/25/36	4.70	1580	1949	1/26/49	13.60a	4650	1962	2/27/62	13.91a	4360
1937	2/ 6/37	18.88	7120	1950	1/18/50	16.06a	5110	1963	5/28/63	9.84	2660
1938	5/ 8/38	9.39a	4380	1951	2/22/51	10.90	3790	1964	4/ 6/64	11.43	2820
1939	7/ 3/39	8.14a	2500	1952	2/23/52	12.02a	4380	1965	2/12/65	11.90	3210
1940	5/ 3/40	8.13a	3300	1953	5/18/53	12.50	3940	1966	1/ 8/66	11.96a	3790
1941	2/ 6/41	7.46	2950	1954	5/23/54	6.24a	2210	1967	5/20/67	8.92a	2810
1942	3/11/42	9.00a	3330	1955	4/15/55	11.75	3660	1968	5/20/68	11.35a	3200
1943	3/21/43	9.78	3680	1956	2/18/56	11.20a	3130	1969	1/30/69	12.87a	3860
1944	4/11/44	11.03	3970	1957	4/ 4/57	11.40a	3450	1970	5/ 4/70	10.66a	2950
1945	4/ 3/45	14.58	4540	1958	11/18/57	13.94a	4130	1971	12/24/70	10.85	2930
1946	2/27/46	12.85a	4370	1959	2/14/59	11.83a	3640	1972	5/ 2/72	8.11	2490
1947	4/16/47	8.95a	3260	1960	3/16/60	8.49a	2590	1973	5/ 7/73	14.60a	4250

07047501 St. Francis River floodway near Marked Tree (07047000) and St. Francis River at Marked Tree (07047500) combined

Remarks.--Discharges tabulated below are combined flows of St. Francis River floodway near Marked Tree and St. Francis River at Marked Tree.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1935	3/26/35		40,400	1947	4/21/47		11,500	1959	2/24/59		15,400
1936	4/20/36		4,980	1948	4/ 4/48		15,600	1960	5/28/60		10,500
1937	1/27/37		58,000	1949	2/ 4/49		36,700	1961	5/18/61		30,000
1938	3/ 2/38		24,000	1950	1/19/50		51,800	1962	3/ 5/62		37,500
1939	3/16/39		23,400	1951	3/ 1/51		23,700	1963	3/17/63		9,830
1940	5/ 3/40		15,400	1952	1/11/52		29,200	1964	3/20/64		31,800
1941	2/ 6/41		4,870	1953	3/23/53		19,000	1965	2/18/65		23,800
1942	4/21/42		14,300	1954	5/ 8/54		6,460	1966	1/ 9/66		23,500
1943	5/25/43		11,700	1955	4/ 7/55		16,400	1967	5/21/67		20,800
1944	4/22/44		19,700	1956	2/25/56		20,100	1968	5/21/68		24,000
1945	6/22/45		40,400	1957	6/ 2/57		39,900	1969	2/ 6/69		41,000
1946	6/ 4/46		19,100	1958	11/24/57		49,600	1970	5/ 4/70		21,600

07047600 Tyronza River near Tyronza, Ark.

Location.--Lat 35°30'18", long 90°22'48", in SE 1/4 sec.7, T.10 N., R.7 E., at bridge on U.S. Highway 63, 2 miles northwest of Tyronza and at mile 34.8.

Drainage area.--290 mi².

Gage.--Nonrecording prior to Aug. 16, 1948; recording thereafter. Prior to Jan. 1, 1953, datum of gage was at mean Gulf level, or 0.30 ft below sea level. Present datum of gage is 183.87 ft above sea level. All stages adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements. Affected at times by backwater from St. Francis River.

Bankfull stage.--27 ft.

Remarks.--Records furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	2/ 5/39	29.90		1951	7/ 6/51	31.20a	4,080	1963	5/29/63	27.98	4,130
1940	4/20/40	18.00		1952	3/12/52	28.68	3,860	1964	3/12/64		3,280
1941	1/25/41	13.70		1953	5/20/53	31.45	5,240	1965	2/13/65	30.58	4,010
1942	4/10/42	25.90		1954	1/17/54	28.50	3,370	1966	2/11/66	29.89a	3,610
1943	3/22/43	23.50		1955	4/14/55	29.10	4,470	1967	7/29/67	24.80	2,640
1944	2/19/44	25.88		1956	1/31/56	29.42a	4,040	1968	4/ 5/68	30.40	6,700

07047600 Tyronza River near Tyronza, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1945	4/ 3/45	29.60		1957	1/30/57		3,940	1969	2/ 1/69	30.20	6,020
1946	1/12/46	29.60		1958	5/ 4/58	30.80a	4,510	1970	12/31/69	28.27	5,360
1947	6/24/47	24.80		1959	2/17/59	29.53	3,950	1971	12/24/70		3,970
1948	3/ 3/48	25.70		1960	12/13/59		2,680	1972	9/30/72	20.10	1,950
1949	1/28/49	29.20a	4,040	1961	2/23/61		3,830	1973	4/23/73	30.64a	4,790
1950	2/16/50	31.61	5,660	1962	12/13/61	30.60a	4,720	1974	6/10/74	28.59	4,520

07047800 St. Francis River at Parkin, Ark.

Location.--Lat 35°16'23", long 90°33'33", in NE 1/4 SE 1/4 sec.33, T.8 N., R.5 E., at bridge on U.S. Highway 64 at Parkin, 1.1 miles downstream from Tyronza River, and at mile 102.0.

Drainage area.--Indeterminate. Total drainage area of St. Francis River and St. Francis Bay, 6,475 mi².

Gage.--Nonrecording prior to September 10, 1948; recording thereafter. Prior to April 25, 1968, at site 1.8 miles upstream. Datum of gage is 175.30 ft above sea level, supplementary adjustment of 1959.

Stage-discharge relation.--Defined by current-meter measurements. Affected by backwater from St. Francis Bay.

Bankfull stage.--30 ft.

Historical data.--Gage-height records date back to 1893, but are not comparable to stages experienced since 1928 due to levee construction.

Remarks.--The greater part of St. Francis River floodflow is diverted through St. Francis River floodway at Murray Lock and Dam, about 4 miles northwest of Marked Traas, and is not included in records for this station. qDiverted flow, which is included in records for St. Francis Bay at Riverfront, returns to St. Francis River below Marianna.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1930	1/31/30	27.19a	25,300	1948	3/ 4/48	23.70a	8,900	1966	2/13/66	18.60	11,400
1931	3/29/31		8,080	1949	1/28/49	29.38a	10,600	1967	1/ 1/67	15.90	8,850
1932	2/ 3/32	27.07	22,200	1950	2/16/50	32.75a	11,100	1968	5/19/68		10,900
1933	4/ 4/33	26.60a	15,200	1951	1/17/51	24.13a	9,950	1969	2/ 2/69	21.23	11,800
1934	3/31/34	21.18a	13,700	1952	3/13/52	25.45a	9,960	1970	4/27/70	21.10	11,900
1935	1/23/35	29.10a	9,960	1953	5/20/53	24.40	11,000	1971	12/25/70		9,100
1936	5/ 3/36	20.90a	2,990	1954	1/18/54	14.40a	7,350	1972	5/ 2/72	15.03	5,110
1937	2/ 2/37	34.20a	20,000	1955	4/15/55	24.85	9,870	1973	4/25/73	27.36a	15,800
1938	2/22/38	22.70a	8,160	1956	2/22/56	24.80a	10,000	1974	4/24/74	22.42a	12,400
1939	2/ 5/39	25.56a	7,260	1957	2/ 4/57		9,380	1975	3/31/75	23.46	10,600
1940	4/21/40	16.79a	5,350	1958	10/19/57	31.22a	11,700	1976	4/ 1/76	17.05	8,600
1941	1/27/41	7.92a	3,760	1959	2/20/59	23.30	9,870	1977	3/ 5/77	14.43	5,960
1942	4/12/42	18.60	7,750	1960	3/18/60	14.30	5,090	1978	5/10/78	23.91	13,100
1943	3/22/43	19.88a	7,320	1961	2/23/61	25.65a	7,810	1979	4/ 4/79	24.54	13,600
1944	4/12/44	21.95a	9,850	1962	2/28/62	27.36a	13,500	1980	4/ 9/80	18.58	9,030
1945	4/ 2/45	30.60a	12,300	1963	5/28/63	14.85a	8,520	1981	6/ 8/81	23.46	10,900
1946	1/11/46	24.85a	12,800	1964	3/11/64	28.00a	11,500				
1947	6/24/47	17.00a	10,600	1965	2/13/65	22.00a	11,000				

07047820 Murray Creek near Jonesboro, Ark.

Location.--Lat 35°51'52", long 90°38'26", in SW 1/4 SW 1/4 sec.2, T.14 N., R.4 E., on left bank, 32 ft upstream from culvert on State Highway 1, 0.1 mile upstream from small tributary, and 4.0 miles northeast of Jonesboro.

Drainage area.--1.38 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement below 51 ft³/s and by culvert measurements below 1,330 ft³/s.

Remarks.--Only annual peaks are shown.

07047820 Murray Creek near Jonesboro, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1960	8/20/60	13.90	1300	1969	11/28/68	9.93	500	1978	5/ 7/78	9.60	455
1961	5/ 6/61	8.46	292	1970	9/18/70	11.17	710	1979	4/ 2/79	11.22	712
1962	6/ 1/62	9.25	413	1971	10/ 8/70	8.21	260	1980	12/24/79	11.50	770
1963	3/ 5/63	7.50	173	1972	12/ 9/71	7.85	212	1981	6/ 6/81	8.83	345
1964	3/ 9/64	11.20	620	1973	5/27/73	14.20	1330	1982	1/31/82	8.51	300
1965	2/10/65	9.96	530	1974	11/24/73	9.71	470	1983	12/ 3/82	11.33	760
1966	4/23/66	11.92	845	1975	3/28/75	9.11	385				
1967	6/30/67	9.74	470	1976	2/18/76	10.64	615				
1968	5/16/68	13.21	1160	1977	3/ 4/77	7.87	215				

07047880 Pope Creek tributary at Birdeye, Ark.

Location.--Lat 35°22'35", long 90°42'02", in NE 1/4 SE 1/4 sec.30, T.9 N., R.4 E., on right bank 25 ft upstream from culvert on State Highway 42, 0.6 mile west of junction with State Highway 163, and 0.9 mile west of Birdeye.

Drainage area.--0.08 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 18 ft³/s and by culvert measurements at 42 ft³/s and 49 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	10/13/62	4.14	49	1971	4/20/71	4.06	46	1979	4/ 2/79	4.61	70
1964	3/ 9/64	3.95	42	1972	9/29/72	3.84	38	1980	7/22/80	4.66	72
1965	12/ 4/64	3.57	28	1973	4/19/73	5.05	90	1981	5/30/81	4.04	45
1966	2/ 9/66	3.55	28	1974	6/ 7/74	4.39	60	1982	7/ 2/82	4.51	66
1967	7/30/67	3.87	38	1975	9/12/75	5.00	88	1983	5/15/83	6.12	144
1968	4/ 4/68	4.02	44	1976	6/18/76	3.61	29	1984	4/ 8/84	4.12	48
1969	1/30/69	3.95	42	1977	9/25/77	3.54	27				
1970	4/25/70	3.85	38	1978	9/13/78	7.73	511				

07047900 St. Francis Bay at Riverfront, Ark.

Location.--Lat 35°15, 34", long 90°40'48", in W 1/2 sec.4, T.7 N., R.4 E., at bridge on U.S. Highway 64 at Riverfront, 0.8 mile upstream from mouth, and 7 miles west of Parkin.

Drainage area.--Indeterminate. Total drainage area of St. Francis River and St. Francis Bay, 6,475 mi².

Gage.--Nonrecording prior to August 20, 1948; recording thereafter. Datum of gage is 171.22 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements. Affected by backwater from St. Francis River.

Bankfull stage.--30 ft.

Remarks.--The greater part of St. Francis River floodflow is through St. Francis River floodway at Murry Lock and Dam, about 4 miles northwest of Marked Tree. Diverted flow, which is included in records for St. Francis River at Parkin, returns to St. Francis River below Marianna.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1935	3/28/35	33.20a	31,600	1951	3/ 6/51	28.70a	20,900	1967	5/25/67	24.50	19,700
1936	4/30/36	25.00a	5,240	1952	1/16/52	25.45	27,500	1968	5/22/68	26.44	24,200
1937	2/ 2/37	38.20a	54,100	1953	3/24/53	27.38a	18,700	1969	2/10/69	34.18	35,300
1938	3/ 6/38	27.20	22,300	1954	1/27/54	16.10a	5,640	1970	5/ 5/70	27.95	24,900
1939	3/23/39	29.85a	22,200	1955	4/14/55	28.00a	15,300	1971	3/ 4/71	25.49	19,700
1940	5/ 7/40	21.10	11,700	1956	2/28/56	28.40a	19,700	1972	5/ 2/72	22.70	15,300

07047900 St. Francis Bay at Riverfront, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1941	2/14/41	9.51a	2,100	1957	6/ 9/57		32,900	1973	4/28/73	39.03a	49,900
1942	4/25/42	21.24a	12,700	1958	11/29/57	35.78	38,400	1974	12/ 5/73		24,500
1943	5/28/43	23.85a	8,750	1959	2/24/59	26.35	16,000	1975	4/11/75	37.27	40,600
1944	4/27/44	26.17a	18,800	1960	5/30/60	16.90a	7,550	1976	7/12/76	21.60	16,700
1945	6/26/45	35.07a	37,900	1961	5/25/61	30.35	26,000	1977	4/10/77	22.38	15,800
1946	5/28/46	28.83a	20,400	1962	3/11/62	31.42	31,600	1978	3/23/78	25.50	21,300
1947	4/25/47	20.67a	8,890	1963	3/20/63	18.58a	8,690	1979	4/ 8/79	38.90	54,700
1948	4/15/48	27.65	16,400	1964	3/23/64		26,100	1980	4/ 8/80	22.30	14,300
1949	2/ 9/49	34.02	32,800	1965	2/21/65		18,600	1981	6/ 7/81	24.49	16,800
1950	1/21/50	37.00a	48,000	1966	1/12/66	29.56a	25,700				

07047902 St. Francis River at Parkin (07047800) and St. Francis Bay at Riverfront (07047900) combined

Remarks.--Discharges tabulated are combined flows of St. Francis River at Parkin and St. Francis Bay at Riverfront and are published by Corps of Engineers as "St. Francis River near Wittsburg." Records furnished by Corps of Engineers. Only annual maximum daily discharges are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1936	5/ 1/36		7,630	1951	1/23/51		24,700	1966	5/ 2/66		31,200
1937	2/ 2/37		74,100	1952	1/16/52		31,100	1967	5/24/67		23,000
1938	3/ 7/38		26,100	1953	3/24/53		28,000	1968	5/20/68		34,000
1939	2/21/39		26,400	1954	1/22/54		10,900	1969	2/ 8/69		41,000
1940	5/ 6/40		14,700	1955	4/15/55		24,900	1970	5/ 2/70		31,400
1941	1/26/41		5,340	1956	2/24/56		27,900	1971	3/ 4/71		23,600
1942	4/12/42		17,800	1957	6/ 5/57		37,400	1972	5/ 2/72		20,400
1943	6/ 1/43		11,700	1958	11/27/57		45,200	1973	4/28/73		62,600
1944	4/24/44		22,700	1959	2/19/59		24,500	1974	12/ 5/73		30,400
1945	6/27/45		44,500	1960	3/17/60		11,200	1975	4/11/75		43,200
1946	1/17/46		26,600	1961	5/25/61		28,500	1976	6/24/76		19,200
1947	5/22/47		14,300	1962	3/11/62		39,000	1977	4/ 9/77		17,800
1948	4/15/48		23,200	1963	5/29/63		15,800	1978	5/10/78		23,900
1949	2/ 8/49		37,600	1964	3/20/64		30,300	1979	4/ 7/79		62,700
1950	1/21/50		53,400	1965	4/ 7/65		23,300	1980	4/ 9/80		22,200

07047924 Crooked Bayou tributary at State Highway 149, at Hughes, Ark.

Location.--Lat 34°57'07", long 90°28'00", in SW 1/4 SE 1/4 sec.16, T.4 N., R.6 E., on right bank 19 ft upstream from culvert on State Highway 149, 0.2 mile upstream from U.S. Highway 79, and 0.4 mile northeast of junction with State Highway 38 at Hughes.

Drainage area.--0.48 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 7 ft³/s and by culvert measurements at 18 ft³/s, 81 ft³/s, 115 ft³/s, and 167 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	3/11/63		110	1970	12/29/69	8.43	91	1977	3/ 3/77	7.66	35
1964	4/ 5/64	8.39	81	1971	5/25/71	7.88	44	1978	1/ 8/78	8.65	108
1965	5/27/65	9.24	167	1972	7/ 3/72	9.02	144	1979	9/21/79	9.57	205
1966	2/ 9/66	8.68	115	1973	4/19/73	10.23	284	1980	7/22/80	12.63	625
1967	8/ 3/67	7.92	46	1974	4/22/74	8.97	140	1981	5/26/81	9.21	166
1968	12/ 2/67	8.79	119	1975	3/13/75	9.47	195	1982	8/14/82	8.66	110
1969	11/28/68	8.16	62	1976	5/ 6/76	7.52	30				

07047942 L'Anguille River near Colt, Ark.

Location.--Lat 35°08'40", long 90°52'42", in NE 1/4 NW 1/4 sec.15, T.6 N., R.2 E., St. Francis County, near center of span on downstream side of bridge on State Highway 306, 1.1 mile downstream from Lick Creek, 3.9 mi northwest of Colt, and at mile 52.8.

Drainage area.--535 mi².

Gage.--Water-stage recorder. Datum of gage is 192.52 ft above sea level.

Remarks.--Defined by current-meter measurements below 6,100 ft³/s.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1971	12/26/70	13.42	2,520	1976	6/27/76	13.77	4,120	1981	6/ 6/81	14.00	4,680
1972	12/13/71	12.54	1,730	1977	9/29/77	13.34	3,550	1982	4/19/82	14.52	5,570
1973	4/23/73	15.75	11,400	1978	9/17/78	15.21	8,440	1983	5/19/83	15.78	8,550
1974	6/ 8/74	15.61	10,800	1979	12/ 9/78	15.81	12,000	1984	12/ 4/83	14.82	6,690
1975	3/15/75	14.55	7,080	1980	3/20/80	13.90	4,280				

07047950 L'Anguille River at Palestine, Ark.

Location.--Lat 34°58'20", long 90°53'10", in NW 1/4 sec.10, T.4 N., R.2 E., at bridge on U.S. Highway 70, 1 mile east of Palestine, and at mile 11.6.

Drainage area.--786 mi².

Gage.--Nonrecording prior to November 1, 1949; recording thereafter; Prior to January 1, 1952, datum of gage was at mean Gulf level, or 0.32 ft below sea level. Present datum of gage is 166.68 ft above sea level. All stages adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 13,700 ft³/s and extended above by logarithmic plotting. Affected at times by backwater from Mississippi River.

Bankfull stage.--22 ft.

Remarks.--Records furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1933	4/13/33	28.80		1953	5/20/53	27.55	15,600	1968	5/19/68	24.80	7,700
1935	4/ 1/35	27.45		1954	1/24/54	23.90	5,800	1969	2/ 2/69	26.44	13,800
1936	4/23/36	28.87		1955	5/29/55	24.55	8,150	1970	5/ 2/70	25.30	8,620
1937	2/13/37	39.70		1956	2/20/56	25.70	11,000	1971	2/23/71	23.23	4,120
1939	3/ 3/39	26.80		1957	4/ 6/57		10,900	1972	12/22/71	21.58	2,700
1943	6/ 8/43	26.08		1958	11/20/57	27.65	15,300	1973	4/25/73	29.92	15,500
1944	5/ 7/44	25.20		1959	2/18/59	25.10	10,200	1974	6/10/74		13,000
1945	4/ 3/45	29.60		1960	6/29/60	23.65	4,300	1975	3/30/75	27.08	10,600
1946	1/12/46	26.75		1961	3/11/61	26.95a	5,630	1976	6/30/76		4,360
1947	5/26/47	22.90		1962	3/ 1/62	26.38	13,700	1977	9/30/77	22.88	2,870
1948	3/ 3/48	25.40		1963	3/14/63	23.46a	4,610	1978	9/20/78	25.20	9,550
1949	1/29/49	26.60	13,500	1964	3/12/64	25.41	9,980	1979	12/11/78	26.59	12,900
1950	1/14/50	30.92a	12,400	1965	2/15/65	24.89	8,880	1980	3/25/80	24.44a	7,350
1951	1/18/51	24.70	9,000	1966	5/ 2/66	26.20	10,700				
1952	3/14/52	24.65a	6,430	1967	1/ 3/67	23.00	3,650				

MISSISSIPPI RIVER MAIN STEM

07047970 Mississippi River at Helena, Ark.

Location.--Lat 34°31'26", long 90°35'02", on right bank at Helena, Phillips County, 10 miles downstream from St. Francis River and at mile 663.3.

Drainage area.--941,700 mi², approximately.

Gage.--Nonrecording. Datum of gage is 141.70 ft above sea level, supplementary adjustment of 1958.

Stage-discharge relation.--Defined by current-meter measurements below 2,014,000 ft³/s. Measurements made occasionally since 1882 and frequently since 1928.

Bankfull stage.--41 ft.

Remarks.--Natural flow of stream affected by many reservoirs and navigation dams. Records from publications of Mississippi River Commission and Memphis District, Corps of Engineers. Only annual peaks are shown.

07047970 Mississippi River at Helena, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge, in thousands (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge, in thousands (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge, in thousands (ft ³ /s)
1828		43.11		1902	3/23/ 2	39.58		1942	3/30/42	38.22	990
1844		42.21		1903	3/25/ 3	51.00a	1,558	1943	6/ 7/43	46.89	1,298
1849		42.81		1904	4/14/ 4	47.62	1,412	1944	5/10/44	45.95a	1,361
1850	5/ 1/50	42.81		1905	5/29/ 5	37.77		1945	4/12/45	49.27a	1,442
1851		.81		1906	4/18/ 6	47.05	1,259	1946	1/23/46	44.20	1,333
1858	7/ 2/58	44.61		1907	2/ 3/ 7	50.39a	1,691	1947	4/25/47	40.38	1,103
1859	3/22/59	43.61		1908	3/23/ 8	45.20a	1,356	1948	4/ 6/48	45.30a	1,296
1862		46.40		1909	3/23/ 9	47.65a	1,429	1949	2/ 6/49	43.90a	1,284
1865		44.40		1910	3/21/10	40.70		1950	2/23/50	50.28	1,643
1867		45.82		1911	4/28/11	44.56		1951	3/ 5/51	43.35	1,176
1872	4/26/72	39.03		1912	4/23/12	54.20a	2,041	1952	4/ 3/52	45.46	1,366
1873	3/ 6/73	40.00		1913	4/22/13	55.20	1,805	1953	5/25/53	34.97	866
1874	5/11/74	45.82		1914	4/17/14	39.43		1954	1/30/54	26.25	622
1875	4/12/75	42.40		1915	2/20/15	43.55		1955	4/ 4/55	44.12	1,298
1876	4/18/76	44.85		1916	2/10/16	53.40a	1,565	1956	3/ 2/56	38.10	1,019
1877	4/30/77	41.80		1917	4/13/17	49.90	1,474	1957	2/17/57	39.05a	1,027
1878	5/ 3/78	38.75		1918	3/ 2/18	37.49		1958	5/16/58	39.02a	1,021
1879	1/31/79	37.25		1919	4/ 1/19	46.20		1959	2/27/59	35.70	895
1880	3/31/80	43.70		1920	4/ 5/20	50.10a	1,535	1960	4/20/60	40.60	1,136
1881	5/14/81	43.74		1921	4/ 9/21	38.65		1961	5/23/61	48.00	1,541
1882	3/ 8/82	47.20a	1,558	1922	4/ 3/22	53.10a	1,612	1962	4/ 5/62	44.70a	1,308
1883	3/ 8/83	46.90		1923	3/30/23	45.40		1963	4/ 1/63	42.70	1,329
1884	3/ 6/84	47.00		1924	1/21/24	42.20		1964	3/26/64	39.73a	1,195
1885	1/28/85	40.70a	1,021	1925	3/ 4/25	35.10		1965	4/13/65	40.64a	1,139
1886	4/30/86	48.10		1926	4/23/26	38.30		1966	2/25/66	35.30a	972
1887	3/21/87	46.40		1927	4/29/27	56.75a	1,756	1967	5/25/67	37.00	1,022
1888	4/14/88	42.80		1928	7/12/28	45.70	1,242	1968	6/10/68	36.02a	942
1889	6/28/89	34.10		1929	5/27/29	52.62a	1,584	1969	2/16/69	39.32a	1,171
1890	3/29/90	47.72		1930	1/25/30	43.86	1,133	1970	5/12/70	40.79	1,170
1891	3/21/91	44.70a	1,455	1931	4/16/31	30.30	685	1971	3/ 8/71		1,230
1892	5/11/92	45.73	1,326	1932	2/20/32	49.20a	1,287	1972	5/ 2/72		1,120
1893	5/23/93	47.92a	1,594	1933	4/12/33	50.62a	1,264	1973	4/ 6/73	50.18a	1,630
1894	2/21/94	38.07		1934	3/18/34	36.77a	866	1974	2/ 8/74		1,500
1895	3/30/95	31.30		1935	3/28/35	48.94	1,192	1975	4/ 7/75	47.94a	1,790
1896	4/17/96	38.42		1936	4/23/36	50.64	1,369	1976	3/ 1/76	33.20	932
1897	4/ 4/97	51.75		1937	2/12/37	60.21	1,968	1977	4/15/77	32.27	892
1898	4/14/98	49.11a	1,405	1938	4/23/38	43.55	1,028	1978	4/ 3/78	41.30a	1,282
1899	4/12/99	46.75		1939	3/27/39	48.20	1,309	1979	3/15/79	48.17a	1,656
1900	3/21/ 0	38.25		1940	5/ 9/40	40.51	993	1980	4/ 8/80	39.57	1,262
1901	5/ 8/ 1	41.45		1941	4/29/41	27.00	587				

WHITE RIVER BASIN

07047975 Dog Branch at St. Paul, Ark.

Location.--Lat 35°49'35", long 93°45'50", in NW 1/4 NW 1/4 sec.4, T.13 N., R.26 W., on left bank 26 ft upstream from culvert on State Highway 23, 200 ft upstream from mouth, at St. Paul.

Drainage area.--1.23 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 95 ft³/s and by culvert measurement below 956 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/19/61	8.50	370	1968	10/30/67	8.19	300	1975	11/ 3/74	8.15	290
1962			170	1969	1/29/69	7.57	160	1976	4/20/76	7.03	83
1963			30	1970	9/23/70	8.38	345	1977	3/28/77	8.07	275
1964	4/ 5/64	7.40	130	1971	5/23/71	8.67	410	1978	5/ 7/78	8.02	260
1965	7/ 3/65	7.11	90	1972	12/10/71	8.55	390	1979	5/ 4/79	8.00	257
1966	2/ 9/66	7.59	165	1973	4/22/73	10.60	956	1980	6/17/80	7.04	83
1967	9/15/67	7.04	82	1974	11/24/73	9.41	600	1981	5/12/81	7.07	85

07047990 West Fork White River tributary near Greenland, Ark.

Location.--Lat 35°38'20", long 94°09'55", in SE 1/4 sec.16, T.15 N., R.30 W., on right bank 15 ft upstream from culvert on U.S. Highway 71, 0.5 mile upstream from mouth, and 1.5 miles south of Greenland.

Drainage area.--0.67 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 36 ft³/s and by culvert measurements below 1,360 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1960	5/ 5/60	11.40	1,360	1969	1/29/69	5.36	127	1978	3/24/78	6.11	255
1961	5/ 7/61	7.70	640	1970	3/ 3/70	5.52	155	1979	5/ 3/79	5.67	175
1962	4/10/62	5.64	260	1971	10/26/70	5.86	210	1980	3/29/80	4.58	36
1963	3/ 5/63	3.60	15	1972	4/21/72	5.65	175	1981	5/10/81	6.07	250
1964	9/22/64	4.59	38	1973	8/14/73	5.87	210	1982	7/30/82	5.75	200
1965	1/22/65	4.34	24	1974	11/24/73	11.09	1,130	1983	5/14/83	6.51	330
1966	2/ 9/66	5.10	88	1975	3/28/75	5.88	215	1984	5/ 7/84	5.40	135
1967	7/ 5/67	4.97	72	1976	4/20/76	5.85	208				
1968	12/21/67	5.59	165	1977	9/29/77	6.01	235				

07048000 West Fork White River at Greenland, Ark.

Location.--Lat 35°59', long 94°10', in NW 1/4 sec.16, T.15 N., R.30 W., near left bank on downstream side of pier of bridge on old U.S. Highway 71, 1 mile south of Greenland, 5.5 miles upstream from small tributary, and 10.5 miles upstream from mouth.

Drainage area.--83.1 mi².

Gage.--Recording. Datum of gage is 1,233.00 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 12,000 ft³/s and by contracted-opening measurement at 34,700 ft³/s.

Bankfull stage.--9 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1946	5/24/46	13.71	23,400	1959	3/ 5/59	8.90	7,400	1972	12/10/71	10.64	11,900
1947	6/ 1/47	9.76	6,660	1960	5/ 6/60	14.50	34,700	1973	4/22/73	13.20	25,600
1948	8/14/48	12.10	18,600	1961	5/ 5/61	11.15	14,200	1974	11/24/73	14.30	33,300
1949	6/13/49	10.64	12,100	1962	4/11/62	6.15	2,740	1975	11/ 4/74	13.37	20,400
1950	5/11/50	9.71	9,900	1963	5/ 5/63	5.30	2,330	1976	4/20/76	9.97	9,830
1951	2/20/51	8.72	7,410	1964	4/ 5/64	7.63	4,940	1977	3/27/77	9.72	7,600
1952	5/23/52	7.60	5,700	1965	5/ 9/65	6.86	3,830	1978	5/ 7/78	10.52	8,920
1953	3/14/53	9.50	9,800	1966	2/ 9/66	12.96	24,200	1979	4/11/79	8.71	6,070
1954	5/ 2/54	5.98	3,270	1967	5/ 6/67	4.56	1,890	1980	5/18/80	5.06	1,850
1955	4/21/55	8.35	7,180	1968	10/30/67	8.90	7,400	1981	5/31/81	11.32	10,800
1956	5/15/56	10.00	10,800	1969	1/29/69	8.08	5,800	1982	5/13/82	12.94	17,900
1957	4/ 3/57	13.54	27,700	1970	4/30/70	6.12	3,530	1983	12/ 3/82	7.96	5,050
1958	7/12/58	9.75	9,420	1971	10/27/70	7.94	6,420				

07048600 White River near Fayetteville, Ark.

Location.--Lat 36°04'23", long 94°04'51", in NE 1/4 SW 1/4 sec.8, T.16 N., R.29 W., 0.65 mile downstream from West Fork White River, 4.3 miles east of Fayetteville, and at mile 684.0.

Drainage area.--400 mi².

Gage.--Recording. Datum of gage is 1,138.25 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 14,000 ft³/s.

Remarks.--Only annual peaks are shown.

07048600 White River near Fayetteville, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1964	4/ 5/64	17.75	13,200	1971	10/27/70	22.20	29,700	1978	3/24/78	22.82	32,700
1965	5/10/65	15.35	9,740	1972	12/10/71	25.00	45,200	1979	4/11/79	19.27	18,700
1966	2/ 9/66	24.92	44,700	1973	4/22/73	20.36	22,200	1980	5/18/80	10.79	5,190
1967	4/14/67	11.88	6,370	1974	11/25/73	30.29	80,200	1981	5/31/81	17.38	12,900
1968	10/30/67	22.48	31,000	1975	11/ 4/74	21.93	28,500	1982	1/31/82	25.65	48,600
1969	1/30/69	21.37	26,000	1976	4/20/76	18.13	14,000	1983	12/ 3/82	22.95	33,400
1970	5/ 1/70	16.33	10,900	1977	3/27/77	20.94	24,300	1984	5/ 7/84	18.22	14,200

07048900 Whitener Branch tributary near Spring Valley, Ark.

Location.--Lat 36°10'24", long 93°54'59", in SE 1/4 NW 1/4 sec.1, T.17 N., R.28 W., on left bank 30 ft upstream from culvert on State Highway 68, 1.0 mile east of Spring Valley, and 1.3 miles upstream from mouth.

Drainage area.--1.07 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 138 ft³/s and by culvert measurements at 686 ft³/s and 1,410 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1960	7/25/60	17.60	1,500	1968	12/21/67	5.59	107	1976	4/20/76	5.37	88
1961	5/ 7/61	11.46	686	1969	1/29/69	5.48	100	1977	8/ 1/77	6.35	162
1962	0/ 0/62		140	1970	4/30/70	7.92	285	1978	9/21/78	6.09	143
1963	5/26/63	6.27	153	1971	5/23/71	6.13	145	1979	5/ 3/79	6.20	150
1964	4/ 5/64	5.27	85	1972	9/29/72	5.82	122	1980	6/17/80	7.52	252
1965	0/ 0/65		30	1973	3/10/73	5.29	82	1981	6/30/81	6.16	148
1966	2/ 9/66	7.66	262	1974	11/24/73	8.96	385	1982	7/30/82	7.08	220
1967	7/ 5/67	4.88	60	1975	9/19/75	6.04	140				

07048940 War Eagle Creek near Witter, Ark.

Location.--Lat 35°54'12", long 93°42'06", in SE 1/4 SE 1/4 sec.2, T.14 N., R.26 W., on right bank on downstream side of bridge on State Highway 23, 800 ft upstream from small tributary, and 2.8 miles south of Witter.

Drainage area.--22.4 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 3,490 ft³/s and by indirect measurements at 6,580 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	18.81	13,300	1969	1/29/69	14.54	5,700	1977	3/28/77	12.36	2,580
1962	8/ 1/62		2,300	1970	4/30/70	10.75	1,280	1978	3/24/78	14.56	5,500
1963	5/26/63	9.20	500	1971	5/23/71	15.22	6,580	1979	5/ 3/79	12.37	2,580
1964	3/ 9/64	11.52	1,800	1972	12/10/71	14.00	4,730	1980	6/18/80	10.34	1,040
1965	5/ 9/65	11.70	2,000	1973	4/22/73	16.78	9,300	1981	6/30/81	10.89	1,400
1966	4/23/66	13.63	4,200	1974	11/24/73	17.29	10,300	1982	1/30/82	12.40	2,660
1967	5/14/67	10.37	1,050	1975	11/ 3/74	14.74	5,500				
1968	10/30/67	12.59	2,900	1976	4/20/76	11.43	1,750				

07049000 War Eagle Creek near Hindsville, Ark.

Location.--Lat 36°12'02", long 93°51'16", in SE 1/4 NE 1/4 sec. 28, T.18 N., R.27 W., on left bank 800 ft upstream from bridge on State Highway 45, 3.8 miles downstream from Clear Creek, 3.9 miles north of Hindsville, and at mile 22.4.

Drainage area.--262 mi².

Gage.--Recording. Datum of gage is 1,168.06 ft above sea level. Prior to October 1, 1964, at datum 2.00 ft higher.

Stage-discharge relation.--Defined by current-meter measurements below 42,800 ft³/s.

Bankfull stage.--15 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1943	5/10/43	28.10	50,000	1960	7/25/60	20.25	22,700	1969	12/28/68	18.08	14,900
1953	5/13/53	12.91	9,770	1961	5/ 7/61	23.10	31,600	1970	5/ 1/70	15.26	10,200
1954	5/ 2/54	7.47	3,810	1962	8/ 1/62	12.25	7,980	1971	10/ 9/70	14.58	9,210
1955	3/21/55	14.56	11,900	1963	3/ 5/63	6.21	2,320	1972	12/10/71	18.80	16,200
1956	5/15/56	14.84	12,300	1964	4/ 5/64	13.12	9,950	1973	4/22/73	22.83	24,600
1957	4/ 3/57	23.86	34,600	1965	5/10/65	16.27	11,800	1974	11/25/73	24.05	27,900
	5/23/57	23.30	32,300	1966	2/10/66	19.84	18,200	1975	11/ 4/74	18.45	15,600
1958	8/ 2/58	15.04	12,200	1967	4/14/67	9.34	3,450	1976	6/25/76	10.18	4,160
1959	6/12/59	10.54	5,890	1968	10/30/67	20.30	19,200	1977	3/28/77	17.29	13,400

07049500 White River near Rogers, Ark.

Location.--Lat 36°19'59", long 94°01'07", in N 1/2 sec.12, T.19 N., R.29 W., on right bank at downstream side of pier of bridge on State Highway 12, 2.6 miles upstream from Prairie Creek, 5.5 miles east of Rogers, and at mile 643.2.

Drainage area.--1,020 mi².

Gage.--Recording. Datum of gage is 1,006.47 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 67,000 ft³/s.

Bankfull stage.--31 ft.

Historical data.--Flood in May 1943 was highest known since at least 1892, from information by local residents.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1943	5/ 0/43	52.90	100,000	1956	5/16/56	29.58	32,200	1961	5/ 8/61	40.60	53,600
1945	4/ 0/45	50.40	89,000	1957	4/ 4/57	43.73	65,700	1962	11/23/61	17.95	12,300
1953	5/13/53	27.34	28,300	1958	8/ 3/58	22.08	20,100	1963	3/ 6/63	9.80	4,470
1954	5/ 3/54	16.58	11,600	1959	3/ 6/59	20.34	17,400				
1955	3/21/55	25.42	24,500	1960	5/ 7/60	39.13	51,400				

07049691 White River at Beaver Dam, near Eureka Springs, Ark.

Location.--Lat 36°25'15", long 93°50'50", in NW 1/4 NW 1/4 sec.10, T.20 N., R.27 W., Carroll County, at Beaver Dam, 6.0 mi west of Eureka springs, and at mile 609.0.

Drainage area.--1,192 mi².

Period of Record.--Water years 1946, 1950-53, October 1967 to current year.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1966	6/ 6/66		3,900	1973	4/23/73		25,900	1980	8/20/80		3,450
1967	11/30/66		2,940	1974	6/10/74		13,700	1981	8/24/81		4,340
1968	3/21/68		6,030	1975	3/29/75		5,510	1982	1/11/82		7,200
1969	4/ 4/69		5,900	1976	11/24/75		5,830	1983	2/22/83		8,390
1970	1/21/70		5,620	1977	1/10/77		6,070	1984	5/ 3/84		8,350
1971	2/ 9/71		7,510	1978	5/ 9/78		8,060				
1972	1/ 4/72		4,370	1979	5/12/79		7,970				

07050000 White River at Beaver, Ark.

Location.--Lat 36°28'20", long 93°45'55", in NE 1/4 sec.20, T.21 N., R.26 W., on upstream side of Missouri & North Arkansas Railway bridge, a quarter of a mile east of Beaver, 2 3/4 miles upstream from Leatherwood Creek, and at mile 595.5.

Drainage area.--1,238 mi².

Gage.--Nonrecording. Datum of gage is 883.04 ft above sea level.

Stream-discharge relation.--Defined by current-meter measurements below 90,000 ft³/s.

Bankfull stage.--30 ft.

Remarks.--Peaks for periods 1921-23 computed from plotted Empire District Electric Co. gage readings at site 1,500 ft upstream revised to read same as present gage.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1898		40.00	94,000	1934	10/23/33	14.83	16,500	1947	12/12/46	20.97	28,300
1910	5/17/10	17.35	21,500	1935	6/19/35	27.55	41,100	1948	8/16/48	24.52	36,800
1922	4/ 6/22	10.50	9,400	1936	12/ 8/35	12.32	12,000	1949	2/16/49	28.50	48,000
1923	2/ 2/23	21.08	28,200	1937	1/16/37	18.58	23,400	1950	5/12/50	31.95	59,500
1924	5/ 1/24	18.35	23,500	1938	2/19/38	26.80	40,300	1951	2/20/51	27.75	45,900
1925	12/20/24	18.12	22,900	1939	4/18/39	16.70	19,700	1952	4/14/52	19.10	24,100
1926	10/11/25	12.30	12,300	1940	4/13/40	16.00	18,400	1953	5/14/53	21.65	27,100
1927	4/16/27	37.00	80,200	1941	4/20/41	26.30	39,500	1954	5/ 4/54	13.80	12,100
1928	12/15/27	30.60	48,900	1942	11/ 1/41	20.50	27,200	1955	3/22/55	20.20	23,900
1929	1/26/29	23.85	33,900	1943	5/12/43	42.33	105,000	1956	5/17/56	23.70	31,800
1930	5/12/30	19.15	24,500		12/29/42	31.95	59,500	1957	4/ 5/57	33.50	61,600
1931	2/10/31	19.69	25,100	1944	6/16/44	22.30	31,300		5/25/57	33.00	59,700
1932	1/18/32	16.15	19,100	1945	4/16/45	40.90	98,200	1958	8/ 3/58	16.72	17,700
1933	5/15/33	27.70	42,200	1946	5/26/46	32.50	61,400				

07050200 Maxwell Creek at Kingston, Ark.

Location.--Lat 36°03'06", long 93°31'03", in SW 1/4 NW 1/4 sec.15, T.16 N., R.24 W., on right bank 60 ft upstream from bridge on State Highway 21, 0.1 mile north of Kingston, and 0.4 mile upstream from mouth.

Drainage area.--2.75 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 12 ft³/s and 60 ft³/s, by slope-area measurement at 971 ft³/s, and by contracted-opening measurement at 4,270 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	14.40	4,270	1968	3/20/68	6.87	971	1975	3/28/75	6.11	570
1962	0/ 0/62		235	1969	1/29/69	6.35	660	1976	6/24/76	5.71	410
1963	3/ 4/63	4.25	70	1970	9/23/70	7.02	1,000	1977	8/17/77	6.38	670
1964	4/ 5/64	4.80	160	1971	5/23/71	6.45	720	1978	7/15/78	5.91	480
1965	5/ 9/65	6.79	900	1972	9/29/72	7.04	1,050	1979	5/ 4/79	6.49	730
1966	1/ 1/66	6.65	850	1973	4/22/73	8.60	1,750	1980	6/17/80	5.33	290
1967	6/29/67	5.08	215	1974	11/24/73	9.63	2,200	1981	5/10/81	5.29	285

07050400 Freeman Branch at Berryville, Ark.

Location.--Lat 36°22'07", long 93°33'30", in SE 1/4 NW 1/4 sec.29, T.20 N., R.24 W., on left bank 20 ft upstream from culvert on College Street, 0.5 mile east of State Highway 21 in Berryville, and 2.4 miles upstream from mouth.

Drainage area.--0.73 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 3.6 ft³/s and by culvert measurements at 128 ft³/s, 160 ft³/s, and 406 ft³/s.

Remarks.--Only annual peaks are shown.

07050400 Freeman Branch at Berryville, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	7.58	406	1968	5/13/68	7.20	368	1975	11/ 3/74	8.22	370
1962	4/22/62	5.27	185	1969	1/29/69	4.90	152	1976	7/ 3/76	8.52	476
1963	5/26/63	5.01	160	1970	4/30/70	4.79	142	1977	4/30/77	8.66	525
1964	4/ 5/64	4.55	126	1971	10/26/70	6.48	290	1978	3/24/78	5.21	85
1965	6/13/65	5.02	160	1972	12/10/71	4.80	61	1979	5/ 4/79	6.45	175
1966	2/ 9/66	6.02	252	1973	3/10/73	5.27	90	1980	6/18/80	6.57	185
1967	6/29/67	3.97	70	1974	4/21/74	7.56	260				

07050500 Kings River near Berryville, Ark.

Location.--Lat 36°25'30", long 93°37'20", in E 1/2 sec.3, T.20 N., R.25 W., on right bank at downstream side of highway bridge, 1 1/4 miles downstream from Bee Creek, 2 1/4 miles upstream from Clabber Creek, 5 1/4 miles northwest of Berryville, and at mile 35.1.

Drainage area.--527 mi².

Gage.--Nonrecording April 4 to July 11, 1939, and October 1, 1951, to October 22, 1952; recording July 12, 1939, to September 30, 1951, and since October 23, 1952. Prior to October 1, 1951, at site 5 miles upstream at datum 27.71 ft higher. Present datum is 963.10 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 57,000 ft³/s.

Bankfull stage.--28 ft; 16 ft at former site and datum.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/14/27	38.00	62,000	1953	5/13/53	17.50	12,800	1969	12/28/68	24.67	25,000
1939	4/17/39	17.00	19,000	1954	5/ 3/54	7.01	2,760	1970	9/23/70	18.52	13,200
1940	4/11/40	13.93	12,400	1955	5/21/55	17.07	12,300	1971	10/27/70	16.77	10,700
1941	4/19/41	20.18	25,600	1956	5/15/56	20.50	17,900	1972	12/10/71	22.83	21,000
1942	10/31/41	15.30	14,000	1957	4/ 4/57	33.28	46,300	1973	4/23/73	27.13	31,200
1943	5/10/43	30.20	59,000	1958	3/24/58	13.83	8,780	1974	11/25/73	30.50	40,200
	12/27/42	24.48	39,900	1959	6/12/59	16.84	12,100	1975	11/ 3/74	21.10	17,600
1944	6/15/44	13.23	10,400	1960	7/26/60	30.41	40,00	1976	12/ 6/75	22.03	19,400
1945	4/14/45	26.90	50,000	1961	5/ 7/61	35.98	55,900	1977	3/27/77	21.90	19,200
1946	5/25/46	17.82	18,900	1962	4/11/62	12.24	6,890	1978	3/24/78	28.27	34,200
1947	12/12/46	15.64	15,500	1963	3/ 5/63	8.84	3,720	1979	4/12/79	18.77	13,600
1948	1/ 1/48	9.55	6,210	1964	4/ 6/64	15.01	9,630	1980	3/25/80	5.92	1,770
1949	2/14/49	20.65	26,200	1965	5/10/65	16.90	11,500	1981	5/10/81	14.03	7,780
1950	5/10/50	24.32	39,400	1966	2/10/66	25.34	26,500	1982	6/16/82	20.78	17,000
1951	2/18/51	20.40	25,900	1967	4/14/67	10.42	5,340	1983	12/ 3/82	30.20	39,400
1952	3/11/52	18.24	13,700	1968	3/21/68	21.56	18,500	1984	1/22/84	29.23	36,800

07054400 Charley Creek near Omaha, Ark.

Location.--Lat 36°27'24", long 93°04'46", in NW 1/4 SW 1/4 sec.23, T.21 N., R.20 W., on right bank 44 ft upstream from culvert on State Highway 14, 0.1 mile upstream from Sidney Creek, 0.5 mile upstream from mouth, and 6.1 miles east of Omaha.

Drainage area.--3.41 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 3.1 ft³/s, by slope-area measurements at 725 ft³/s, and by culvert measurement at 2,740 ft³/s and 4,850 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962			60	1969	11/ 2/68	10.42	1,440	1976	6/23/76	9.41	1,050
1963	6/19/63	12.95	2,740	1970	4/19/70	9.43	1,050	1977	8/12/77	9.82	1,250
1964	3/ 9/64	7.92	480	1971	10/26/70	8.55	660	1978	3/24/78	11.36	1,970
1965	6/24/65	10.07	1,280	1972	12/10/71	8.96	840	1979	4/11/79	8.50	645
1966	2/ 9/66	8.84	775	1973	3/10/73	13.18	2,850	1980	6/18/80	11.89	790
1967	6/30/67	8.79	760	1974	4/21/74	11.78	2,180	1981	8/17/81	12.61	2,580
1968	10/30/67	8.58	690	1975	11/ 4/74	9.34	1,020	1983	12/ 3/82	16.54	4,850

07054450 East Sugarloaf Creek tributary near Lead Hill, Ark.

Location.--Lat 36°22'26", long 92°49'55", in NW 1/4 NW 1/4 sec.19, T.20 N., R.17 W., on left upstream wingwall 40 ft upstream from culvert on State Highway 14, 0.2 mile upstream from mouth, and 5.0 miles southeast of Lead Hill.

Drainage area.--0.85 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 1 ft³/s and by culvert measurements at 255 ft³/s, 466 ft³/s, 543 ft³/s, and 2,480 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	1/14/62	7.24	75	1970	4/19/70	7.46	210	1978	3/24/78	7.91	275
1963	3/16/63	8.96	466	1971	1/13/71	6.79	98	1979	4/11/79	7.68	235
1964	6/ 0/64	7.71	255	1972	12/10/71	7.93	280	1980	6/23/80	7.08	140
1965	5/ 9/65	7.91	287	1973	4/22/73	8.17	320	1981	5/10/81	6.46	62
1966	1/ 1/66	7.61	240	1974	11/24/73	9.32	540	1982	6/27/82	7.76	248
1967	7/ 6/67	6.95	125	1975	9/19/75	9.45	565	1983	12/ 3/82	9.03	485
1968	7/ 2/68	9.39	543	1976	6/23/76	7.59	220	1984	3/ 4/84	7.57	227
1969	10/13/68	15.30	2480	1977	3/28/77	7.70	240				

07055000 White River near Flippin, Ark.

Location.--Lat 36°18'35", long 92°33'28", in NE 1/4 NW 1/4 sec.10, T.19 N., R.15 W., on right bank 1.4 miles upstream from Hightower Creek, 3.2 miles northeast of Flippin, 11.5 miles downstream from Bull Shoals Dam, 11.8 miles upstream from Crookad Creek, and at mile 406.7.

Drainage area.--6,081 mi².

Gage.--Nonrecording prior to December 21, 1938, at site 1.1 miles upstream at datum 1.52 ft higher; recording thereafter at present site and datum. Datum of present gage is 419.66 ft above sea level (Corps of Engineers benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 217,000 ft³/s.

Bankfull stage.--36 ft.

Remarks.--Flow completely regulated since July 23, 1951 by Bull Shoals Reservoir (capacity 5,408,000 acre-ft). Only annual peaks are shown since 1950.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/16/27	45.40	240,000		4/ 3/45	28.56	108,000	1966	8/16/66	12.50	24,100
1929	5/ 9/29	23.80	70,400	1946	5/28/46	22.90	74,000	1967	7/10/67	12.81	26,100
1930	1/15/30	19.69	50,100	1947	11/10/46	22.82	73,500	1968	7/17/68	13.24	29,700
1931	8/ 7/31	17.30	38,800	1948	6/19/48	20.57	62,200	1969	12/14/68	13.16	29,300
1932	1/17/32	18.90	46,100	1949	1/28/49	24.89	85,000	1970	9/21/70	13.10	29,000
1933	5/16/33	32.30	116,000	1950	5/13/50	36.82	178,000	1971	9/27/71	13.61	31,300
1934	3/29/34	13.52	23,500	1951	2/23/51	16.54	43,900	1972	3/24/72	13.16	29,300
1935	3/12/35	38.10	164,000	1952	4/25/52	11.70	21,500	1973	2/ 7/73	13.11	29,100
	6/19/35	29.30	102,000	1953	5/ 3/53	13.52	27,500	1974	2/ 9/74	12.72	25,700
1936	9/29/36	14.73	27,500	1954	4/22/54	8.06	10,500	1975	1/ 9/75	13.55	29,400
1937	1/17/37	21.54	58,900	1955	7/ 1/55	12.68	24,800	1976	8/ 4/76	12.78	26,000
1938	2/19/38	34.10	134,000	1956	9/12/56	8.32	11,100	1977	5/24/77	13.32	28,300
1939	7/ 3/39	20.61	56,600	1957	7/25/57	13.30	27,200	1978	11/26/77	13.25	28,000
1940	4/11/40	20.33	57,800	1958	10/ 3/57	12.30	24,400	1979	8/29/79	12.65	25,400
1941	4/21/41	29.60	115,000	1959	8/31/59	7.63	9,680	1980	7/14/80	12.48	24,700
1942	11/ 1/41	21.54	65,300	1960	6/ 6/60	12.71	25,800	1981	1/12/81	11.92	22,500
1943	5/12/43	39.06	20,000	1961	8/11/61	11.73	21,500	1982	1/20/82	12.41	24,400
	12/30/42	28.72	110,000	1962	7/13/62	10.16	16,800	1983	8/26/83	13.14	27,500
	5/21/43	29.89	118,000	1963	7/24/63	10.66	18,300	1984	12/25/83	12.94	26,600
1944	3/23/44	15.58	37,900	1964	8/ 3/64	12.37	23,800				
1945	4/17/45	39.82	215,000	1965	8/26/65	12.81	25,100				

07055550 Crooked Creek tributary near Dogpatch, Ark.

Location.--Lat 36°09'01", long 93°07'23", in SW 1/4 SW 1/4 sec.4, T.17 N., R.20 W., on right bank 28 ft upstream from culvert on State Highway 7, 0.4 mile upstream from small tributary, 1.1 miles upstream from mouth, and 2.9 miles north of Dogpatch.

Drainage area.--4.36 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from September 1968 to October 1974.

Stage-discharge relation.--Defined by culvert measurements at 518 ft³/s, 962 ft³/s, and 2,980 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	17.40	2,980	1969	1/29/69	8.85	900	1977	9/29/77	7.15	575
1962			250	1970	6/24/70	6.32	430	1978	3/24/78	7.48	635
1963	5/26/63	6.83	518	1971	5/23/71	5.06	330	1979	4/11/79	5.05	220
1964	3/ 9/64	6.06	384	1972	12/10/71	9.83	1,110	1980	9/23/80	5.74	335
1965	6/24/65	7.07	560	1973	4/22/73	11.42	1,500	1981	8/17/81	10.74	1,320
1966	1/ 1/66	6.52	462	1974	11/24/73	14.53	2,390	1982	1/31/82	4.07	54
1967	6/29/67	6.97	540	1975	3/28/75	5.60	310	1983	12/ 3/82	9.20	960
1968	7/ 1/68	9.86	1,110	1976	6/23/76	6.57	470	1984	3/ 4/84	8.92	900

07055650 Smith Creek near Boxley, Ark.

Location.--Lat 35°56'50", long 93°23'52", in SW 1/4 NW 1/4 sec.23, T.15 N., R.23 W., on left bank 75 ft upstream from bridge on State Highway 21, 1,000 ft upstream from mouth, and 1.7 miles south of Boxley.

Drainage area.--8.35 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from July 1969 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 266 ft³/s and by slope-area measurements at 659 ft³/s, 3,510 ft³/s, 6,170 ft³/s, and 6,790 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	6/16/63	5.40	140	1970	4/30/70	8.78	1,700	1977	3/28/77	5.87	970
1964	4/ 5/64	8.30	1,560	1971	10/26/70	7.76	975	1978	3/24/78	6.75	1,500
1965	4/ 2/65	5.83	260	1972	12/10/71	11.92	4,350	1979	5/ 4/79	6.44	1,320
1966	2/ 9/66	8.67	1,900	1973	4/22/73	14.75	6,170	1980	6/17/80	5.20	580
1967	5/14/67	5.96	300	1974	11/24/73	15.80	6,830	1981	5/10/81	5.99	1,040
1968	10/30/67	7.37	910	1975	11/ 4/74	7.13	1,650	1982	1/31/82	6.89	1,580
1969	1/29/69	11.06	3,510	1976	6/24/76	6.16	1,140	1983	12/ 3/82	13.74	7,200

07055800 Dry Branch near Vendor, Ark.

Location.--Lat 35°56'00", long 93°06'46", in SW 1/4 SW 1/4 sec.21, T.15 N., R.20 W., on right bank 85 ft upstream from bridge on county road, 1,000 ft upstream from mouth, and 2.4 miles southwest of Vendor.

Drainage area.--6.15 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 65 ft³/s and by indirect measurements at 1,200 ft³/s, 2,900 ft³/s and 3,880 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	8/ 1/62	8.30	40	1969	1/29/69	13.10	2,900	1976	6/23/76	10.88	1,320
1963	5/26/63	9.00	200	1970	4/19/70	10.12	800	1977	3/28/77	9.79	700
1964	5/11/64	10.06	790	1971	10/26/70	9.95	720	1978	3/24/78	10.05	790
1965	7/ 2/65	9.36	350	1972	12/10/71	13.68	3,500	1979	4/11/79	9.91	690
1966	2/ 9/66	10.70	1,200	1973	4/22/73	12.40	2,400	1980	6/18/80	9.01	450
1967	6/30/67	11.58	1,830	1974	11/24/73	14.24	3,880	1981	8/17/81	11.80	1,980
1968	7/ 1/68	11.36	1,670	1975	11/ 4/74	9.65	530	1983	12/ 3/82	15.30	5,000

07056000 Buffalo River near St. Joe, Ark.

Location.--Lat 35°59'02", long 92°44'44", in SW 1/4 SW 1/4 sec.36, T.16 N., R.17 W., near right bank on downstream side of pier of bridge on U.S. Highway 65, 1.6 miles downstream from Mill Creek, 5.4 miles upstream from Bear Creek, 4.5 miles southeast of St. Joe, and at mile 58.3.

Drainage area.--829 mi².

Gage.--Nonrecording prior to March 1, 1940; recording thereafter. Prior to October 1, 1939, at site 4.5 miles downstream and at datum 15.25 ft lower (stages published by U.S. Weather Bureau as "at Gilbert"). Datum of present gage is 560.35 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 91,000 ft³/s and extended above by logarithmic plotting. Not defined at Gilbert site.

Bankfull stage.--25 ft.

Historical data.--Maximum stage known, 50.5 ft in August 1915 (present site and datum), from information by Corps of Engineers; 54.0 ft (former site and datum), from information by U.S. Weather Bureau.

Remarks.--Gage-height records prior to October 1939 furnished by U.S. Weather Bureau. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1915	8/ 1/15	50.5	142,000	1955	3/21/55	25.11	42,200	1971	10/27/70	16.11	14,700
1940	4/11/40	13.79	13,000	1956	2/ 2/56	16.10	18,700	1972	12/10/71	43.40	102,000
1941	1/ 1/41	13.70	12,800	1957	4/ 4/57	31.30	62,600	1973	4/22/73	38.26	79,300
1942	10/31/41	20.80	32,000	1958	3/ 9/58	16.70	19,900	1974	11/25/73	45.41	111,000
1943	5/10/43	39.70	96,900	1959	4/19/59	20.11	24,900	1975	2/23/75	19.23	20,500
1944	2/28/44	15.95	19,300	1960	5/20/60	22.88	31,600	1976	6/24/76	21.40	25,700
1945	4/15/45	41.00	100,000	1961	5/ 6/61	28.66	53,300	1977	3/28/77	29.15	47,000
1946	5/25/46	25.65	46,200	1962	1/22/62	12.34	9,430	1978	3/24/78	24.07	32,500
1947	12/12/46	22.92	37,500	1963	3/17/63	9.15	4,820	1979	4/12/79	23.73	32,200
1948	1/ 1/48	19.34	27,300	1964	4/ 5/64	25.12	40,400	1980	12/24/79	12.31	7,660
1949	1/24/49	38.80	91,100	1965	4/ 3/65	14.70	13,800	1981	8/17/81	20.32	23,100
1950	1/ 4/50	25.58	46,200	1966	2/ 9/66	37.46	85,900	1982	1/31/82	32.62	58,100
1951	2/20/51	27.57	50,900	1967	5/15/67	13.85	10,900	1983	12/ 3/82	53.75	158,000
1952	4/12/52	22.30	35,400	1968	3/21/68	28.16	50,400	1984	5/ 7/84	27.41	40,200
1953	3/18/53	20.63	29,400	1969	1/30/69	35.45	74,900				
1954	5/ 2/54	22.70	35,200	1970	4/19/70	24.87	38,500				

07057000 Buffalo River near Rush, Ark.

Location.--Lat 36°07'02", long 92°33'17", in SE 1/4 NE 1/4 sec.15, T.17 N., R.15 W., 0.6 mile upstream from Rush Creek, 1.4 miles southeast of Rush, and at mile 24.3.

Drainage area.--1,091 mi².

Gage.--Nonrecording prior to January 27, 1939, at site 0.6 mile downstream at present datum; recording thereafter at present site and datum. Datum of present gage is 451.98 ft above sea level (Corps of Engineers benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 120,000 ft³/s and by slope-area measurement at 164,000 ft³/s.

Bankfull stage.--24 ft.

Remarks.--Discontinued as continuous record station in 1970.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1915	8/19/15	45.50	164,000	1944	2/29/44	12.96	20,200	1961	5/ 6/61	27.55	61,700
1927	4/14/27	35.90	110,000	1945	4/15/45	38.86	121,000	1962	1/23/62	8.24	9,570
1929	1/25/29	22.20	50,100	1946	2/14/46	20.90	44,000	1963	5/27/63	6.61	6,530
1930	5/11/30	22.70	51,800	1947	12/12/46	19.23	38,400	1964	4/ 6/64	21.70	41,200
1931	2/ 9/31	15.20	28,600	1948	1/ 1/48	15.00	25,600	1965	4/ 4/65	11.05	15,100
1932	2/17/32	10.00	15,200	1949	1/24/49	37.06	114,000	1966	2/10/66	32.99	93,600
1933	5/14/33	23.90	56,000	1950	1/ 4/50	21.66	46,700	1967	5/15/67	9.93	11,600
1934	3/26/34	12.38	22,600	1951	2/20/51	24.35	56,000	1968	3/21/68	25.77	56,400
1935	3/11/35	24.50	58,300	1952	3/11/52	20.08	41,300	1969	1/30/69	30.97	84,600
1936	12/ 7/35	9.70	13,500	1953	3/18/53	17.41	32,800	1970	4/19/70	22.87	48,500

07057000 Buffalo River near Rush, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1937	1/15/37	16.90	35,900	1954	5/ 2/54	18.83	37,200	1971	10/27/70		17,000
1938	2/18/38	26.40	65,800	1955	3/21/55	21.23	45,000	1972	12/10/71	37.44	113,000
1939	4/17/39	26.46	58,900	1956	2/18/56	13.70	22,000	1973	4/22/73		93,000
1940	4/12/40	9.98	14,000	1957	4/ 4/57	28.30	67,000	1974	11/25/73	40.45	130,000
1941	1/ 2/41	9.97	14,000	1958	3/ 9/58	13.14	21,300	1983	12/ 3/82	55.80	215,000
1942	10/31/41	18.33	32,300	1959	4/19/59	16.06	29,500				
1943	5/11/43	37.38	120,000	1960	5/21/60	19.42	38,200				

07057300 Dodd Creek tributary near Mountain Home, Ark.

Location.--Lat 36°19'05", long 92°24'01", in NE 1/4 SW 1/4 sec.17, T.19 N., R.13 W., on right bank 25 ft upstream from culvert on U.S. Highway 62, 0.4 mile upstream from small tributary, and 1.5 miles southwest of Mountain Home.

Drainage area.--0.76 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from September 1968 to November 1974.

Stage-discharge relation.--Defined by current-meter measurement at 263 ft³/s and by culvert measurements at 223 ft³/s and 449 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	11.50	449	1969	1/29/69	12.08	543	1977	3/28/77	9.12	135
1962			80	1970	4/30/70	10.59	325	1978	3/24/78	10.33	285
1963	5/26/63	11.27	408	1971	1/13/71	8.77	95	1979	5/20/79	11.08	390
1964	8/15/64	11.70	483	1972	12/10/71	11.62	470	1980	6/23/80	10.00	242
1965	4/ 3/65	9.86	223	1973	4/22/73	9.57	190	1981	5/10/81	8.82	100
1966	2/ 9/66	9.85	222	1974	11/24/73	12.82	661	1982	1/30/82	9.61	195
1967	4/14/67	9.31	165	1975	6/23/75	11.34	430	1983	12/ 3/82	11.92	516
1968	3/20/68	9.64	198	1976	12/ 5/75	9.01	121	1984	9/ 9/84	10.00	235

07059000 North Fork River near Henderson, Ark.

Location.--Lat 36°22', long 92°14', in SE 1/4 NW 1/4 sec. 26, T.20 N., R.12 W., 1/2 mile downstream from Bennetts Bayou, 1/2 mile east of Henderson, 8 1/4 miles northeast of Mountain Home, and 15 miles upstream from Norfolk Dam.

Drainage area.--1,612 mi².

Gage.--Nonrecording prior to January 14, 1939; recording January 14, 1939, to June 25, 1943. Nonrecording gage was at site 1/4 mile downstream at datum 2.00 ft lower. Datum of last used gage was 432.67 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 36,000 ft³/s. Maximum discharge for flood of May 11, 1943, furnished by Corps of Engineers, computed on basis of records for station at Tecumseh, Mo., and unit hydrograph method for ungaged area.

Remarks.--Station discontinued as a result of backwater from Norfolk Dam.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1910	7/10/10	7.20		1933	5/14/33	14.60	26,900	1939	4/17/39	18.20	38,300
1915	8/ 0/15	29.50		1934	4/ 6/34	5.70	6,000	1940	4/11/40	15.22	30,600
1929	1/24/29	17.00	33,700	1935	3/11/35	22.20	50,400	1941	4/17/41	9.66	17,200
1930	1/13/30	12.20	20,600	1936	12/ 7/35	7.56	10,300	1942	10/31/41	13.64	26,500
1931	10/ 7/30	10.40	16,000	1937	1/14/37	18.70	38,900	1943	5/11/43		61,000
1932	1/23/32	6.72	7,930	1938	2/18/38	19.00	39,800				

07060000 North Fork River at Norfork Dam, near Norfork, Ark.

Location.--Lat 36°14'18", long 92°14'18", in SE 1/4 SW 1/4 sec.2, T.18 N., R.12 W., at Norfork Dam, 3.9 miles northeast of Norfork.

Drainage area.--1,808 mi².

Gage.--Recording. Datum of gage is at sea level (levels by Corps of Engineers).

Stage-discharge relation.--Discharge computed from powerplant records, flow through flood-control conduits, and flow over spillway.

Remarks.--Floodflow regulated by Norfork Dam (capacity 1,983,000 acre-ft). Records furnished by Corps of Engineers and reviewed by Geological Survey. Only annual maximum daily discharges are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1945	4/16/45		21,000	1959	12/ 1/58		4,040	1973	5/15/73		8,620
1946	3/17/46		8,400	1960	1/22/60		3,720	1974	4/29/74		10,700
1947	5/18/47		4,260	1961	4/ 3/61		6,060	1975	2/11/75		5,400
1948	3/23/48		4,730	1962	1/23/62		5,710	1976	12/19/75		5,260
1949	2/ 0/49		11,200	1963	9/18/63		2,780	1977	10/22/76		4,770
1950	4/10/50		10,200	1964	5/20/64		3,230	1978	8/25/78		3,420
1951	7/31/51		5,450	1965	6/ 3/65		3,480	1979	5/ 1/79		6,880
1952	3/18/52		10,400	1966	2/19/66		10,800	1980	1/ 4/80		5,440
1953	5/28/53		8,780	1967	7/10/67		3,070	1981	8/31/81		3,280
1954	4/30/54		2,980	1968	2/23/68		6,040	1982	4/ 9/82		7,380
1955	9/16/55		2,600	1969	3/11/69		6,140	1983	1/19/83		6,990
1956	3/23/56		2,660	1970	11/14/69		5,470	1984	4/24/84		7,260
1957	8/15/57		5,900	1971	12/18/70		5,580				
1958	7/19/58		7,590	1972	1/ 3/72		4,130				

07060500 White River at Calico Rock, Ark.

Location.--Lat 36°06'58", long 92°08'35", in SE 1/4 NE 1/4 sec.22, T.17 N., R.11 W., on left bank at Calico Rock, just upstream from Calico Creek, 3 1/4 miles downstream from Cataract Creek, 6 miles upstream from Piney Creek, and at mile 359.1.

Drainage area.--9,978 mi².

Gage.--Nonrecording prior to August 14, 1940, at datum 2.07 ft higher; recording thereafter. At datum 1.00 ft higher August 14, 1940, to December 5, 1966. At site 500 ft downstream January 27 to August 13, 1940. Datum of present gage is 316.38 ft above sea level. All stages have been adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 290,000 ft³/s and extended above by logarithmic plotting.

Bankfull stage.--37 ft.

Remarks.--Annual flood height for 1904-39 computed from graph based on U.S. Weather Bureau readings and adjusted to present datum. Flow regulated by Norfork Reservoir on North Fork River since 1943, by Bull Shoals Reservoir since 1951, by Table Rock Reservoir since 1956, and by Beaver Reservoir since 1964; total capacity at top of designated flood-control pools, 12,804,500 acre-ft. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1905	8/ 1/ 5	32.00	146,000	1932	1/23/32	18.80	64,700	1959	11/17/58	13.52	39,000
1906	3/27/ 6	35.00	166,000	1933	5/16/33	38.40	193,000	1960	5/21/60	17.26	58,600
1907	5/ 7/ 7	43.50	239,000	1934	3/27/34	15.20	45,300	1961	5/ 6/61	23.97	99,500
1908	5/15/ 8	31.60	143,000	1935	3/12/35	43.80	242,000	1962	1/23/62	10.30	24,800
1909	3/ 9/ 9	23.00	89,000	1936	9/29/36	15.50	46,800	1963	6/ 8/63	8.20	16,600
1910	6/10/10	15.30	45,800	1937	1/15/37	29.40	128,000	1964	3/10/64	15.97	51,600
1911	8/15/11	27.60	117,000	1938	2/19/38	44.50	250,000	1965	5/11/65	10.76	24,800
1912	4/27/12	28.70	123,000	1939	4/17/39	32.50	149,000	1966	2/10/66	23.30	92,400
1913	1/24/13	16.60	52,600	1940	4/12/40	24.05	95,000	1967	7/11/67	10.03	22,500
1914	4/29/14	20.60	74,600	1941	4/22/41	27.85	118,000	1968	3/21/68	21.14	79,100
1915	8/21/15	50.50	318,000	1942	11/ 1/41	28.40	122,000	1969	1/30/69	23.35	92,700
1916	1/31/16	52.90	350,000	1943	5/12/43	47.50	269,000	1970	4/20/70	18.25	62,200
1917	4/ 2/17	25.20	102,000	1944	2/29/44	16.23	48,900	1971	1/16/71	11.69	30,000
1918	5/12/18	37.00	182,000	1945	4/16/45	49.84	310,000	1972	12/11/71	25.25	99,800
1919	6/ 3/19	20.00	71,300	1946	5/16/46	25.61	110,000	1973	4/23/73	27.82	109,000
1920	3/26/20	32.60	150,000	1947	12/13/46	25.94	112,000	1974	11/25/73	29.69	121,000

07060500 White River at Calico Rock, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1921	4/27/21	37.20	183,000	1948	6/20/48	18.49	65,400	1975	3/28/75	18.51	59,700
1922	4/11/22	16.60	52,600	1949	1/25/49	38.14	190,000	1976	6/25/76	11.88	30,500
1923	2/ 2/23	29.30	127,000	1950	5/13/50	39.25	211,000	1977	3/29/77	19.97	66,700
1924	6/12/24	28.00	119,000	1951	2/21/51	25.56	110,000	1978	3/25/78	16.85	52,100
1925	4/28/25	22.50	86,000	1952	3/11/52	18.66	66,600	1979	4/12/79	14.76	42,700
1926	10/ 9/25	19.00	65,800	1953	3/18/53	15.07	46,900	1980	2/18/80	10.38	24,500
1927	4/15/27	51.50	332,000	1954	5/ 3/54	14.25	42,400	1981	8/18/81	11.02	27,100
1928	12/14/27	41.50	220,000	1955	3/21/55	15.90	51,100	1982	2/ 1/82	19.00	62,000
1929	1/25/29	29.20	126,000	1956	2/18/56	12.27	33,400	1983	12/ 4/82	41.14	201,000
1930	5/11/30	24.20	96,200	1957	4/ 4/57	25.05	106,000	1984	5/ 8/84	15.66	46,700
1931	2/ 9/31	19.00	65,800	1958	5/10/58	13.73	40,000				

07060600 Band Mill Creek near Brockwell, Ark.

Location.--Lat 36°08'02", long 91°58'48", in SE 1/4 SE 1/4 sec.7, T.17 N., R.9 W., on right bank 52 ft upstream from culvert on State Highway 56 at Band Mill, 1.7 miles upstream from mouth, and 3.1 miles west of Brockwell.

Drainage area.--1.25 mi²

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by culvert measurements below 1,830 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	7.46	529	1969	10/ 6/68	5.73	295	1977	3/28/77	5.42	245
1962	5/ 0/62	7.39	518	1970	4/19/70	5.39	240	1978	11/ 2/77	4.63	135
1963	5/26/63	5.06	190	1971	10/26/70	5.17	208	1979	5/ 4/79	4.75	150
1964	3/ 9/64	4.55	128	1972	7/ 3/72	4.85	164	1980	5/16/80	4.85	165
1965	4/ 3/65	6.48	417	1973	4/22/73	6.16	365	1981	8/17/81	4.82	160
1966	1/ 1/66	4.73	150	1974	11/24/73	6.09	350	1982	1/31/82	4.79	155
1967	6/29/67	4.65	140	1975	9/20/75	12.65	1,830	1983	12/ 3/82	8.09	730
1968	10/30/67	4.91	171	1976	6/24/76	5.71	290				

07060670 Hughes Creek near Mountain View, Ark.

Location.--Lat 35°51'46", long 92°08'47", in NE 1/4 SW 1/4 sec.10, T.14 N., R.11 W., on right bank 45 ft upstream from bridge on State Highway 66, 1.5 miles upstream from Tubbs Creek, and 1.7 miles west of Mountain View.

Drainage area.--3.20 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 75 ft³/s and by contracted-opening measurements at 699 ft³/s and 2,700 ft³/s.

Remarks.--Only annual peaks are shown. Published as "Lick Fork tributary" prior to 1969.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	4.15	650	1968	12/21/67	7.59	1010	1975	3/29/75	8.97	1530
1962	5/ 1/62	3.80	500	1969	12/27/68	7.81	1080	1976	5/28/76	5.86	540
1963	5/26/63	2.68	165	1970	9/18/70	8.37	1270	1977	3/28/77	7.35	930
1964	3/ 9/64	4.43	780	1971	10/26/70	7.86	1100	1978	11/ 2/77	5.81	525
1965	9/22/65	6.64	2700	1972	7/ 3/72	9.51	1720	1979	4/ 2/79	7.50	975
1966	1/ 1/66	4.37	750	1973	4/22/73	8.61	1380	1980	5/23/80	5.89	545
1967	8/ 2/67	3.67	450	1974	11/24/73	7.89	1110	1981	4/23/81	5.66	490

07060710 North Sylamore Creek near Fifty Six, Ark.

Location.--Lat 35°59'43", long 92°12'45", in SW 1/4 NW 1/4 sec.25, T.16 N., R.12 W., Stone County, in right bank 30 ft upstream from bridge on Ozark National Forest service road, 200 ft downstream from Gunner Creek, 2.7 mi north of Fifty Six, and 7.0 mi upstream from South Sylamore Creek.

Drainage area.--58.1 mi².

Gage.--Water-stage recorder and crest-stage gage. Datum of gage is 434.99 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 3,700 ft³/s and extended by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1966	4/23/66	16.35	14,900	1973	4/22/73	17.61	17,800	1980	12/23/79	7.60	2,360
1967	5/14/67	4.58	626	1974	10/13/73	13.00	8,700	1981	3/29/81	3.86	564
1968	3/20/68	10.74	5,590	1975	2/22/75	11.31	6,300	1982	1/31/82	9.71	4,380
1969	1/29/69	12.61	8,240	1976	6/ 1/76	3.69	460	1983	12/ 3/82	20.60	25,200
1970	4/25/70	10.06	4,770	1977	3/27/77	13.17	8,990	1984	5/ 7/84	10.13	5,290
1971	1/13/71	5.76	1,030	1978	11/ 1/77		900				
1972	12/10/71	9.88	4,570	1979	3/ 3/79	10.48	5,240				

07060830 Wolf Bayou near Drasco, Ark.

Location.--Lat 35°39'33", long 91°55'18", in NW 1/4 SE 1/4 sec.23, T.12 N., R.9 W., on right bank 20 ft upstream from culvert on State Highway 25, 2.4 miles northeast of Drasco.

Drainage area.--0.27 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 25 ft³/s and by culvert measurements at 47 ft³/s, 103 ft³/s, and 190 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	5/26/63	4.00	6	1970	4/19/70	5.30	52	1977	3/28/77	7.03	132
1964	9/27/64	5.15	47	1971	10/26/70	4.24	19	1978	5/ 7/78	4.75	29
1965	3/29/65	6.45	103	1972	7/ 3/72	5.51	62	1979	4/ 2/79	5.94	80
1966	4/23/66	5.92	80	1973	3/10/73	8.05	190	1980	12/24/79	4.77	30
1967	9/ 8/67	4.22	18	1974	11/24/73	6.20	92	1981	6/ 6/81	4.10	12
1968	5/13/68	6.97	131	1975	3/29/75	6.21	94	1982	1/31/82	6.51	108
1969	1/29/69	5.26	52	1976	2/17/76	4.61	25	1983	12/ 3/82	9.49	283

07061000 White River at Batesville, Ark.

Location.--Lat 35°45'37", long 91°38'28", in NE 1/4 sec.21, T.13 N., R.6 W., on left bank at downstream side of bridge on State Highway 11 at Batesville, 0.3 mile upstream from Lock and Dam 1, 0.6 mile downstream from Polk Bayou, and at mile 300.1.

Drainage area.--11,062 mi².

Gage.--Nonrecording prior to January 28, 1939, at site 0.3 mile downstream at present datum; recording thereafter at present site. Datum of gage is 237.72 ft above sea level. All gage heights adjusted to present site.

Stage-discharge relation.--Defined by current-meter measurements below 290,000 ft³/s and extended above by logarithmic plotting.

Bankfull stage.--16 ft.

Remarks.--Peak gage height for 1904-38 computed from graph based on Corps of Engineers readings. For regulation, see remarks for station at Calico Rock. Only annual peaks are shown.

07061000 White River at Batesville, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1904	3/27/4	24.90	220,000	1925	4/29/25	16.80	87,200	1946	2/14/46	18.52a	106,000
1905	8/2/5	20.80	141,000	1926	10/17/25	16.60	85,200	1947	12/13/46	19.12	114,000
1906	3/28/6	23.90	199,000	1927	4/15/27	31.40	369,000	1948	6/20/48	15.27	73,900
1907	5/8/7	26.70	259,000	1928	12/15/27	26.00	244,000	1949	1/26/49	25.72	236,000
1908	5/16/8	22.10	164,000	1929	1/26/29	20.40	134,000	1950	5/13/50	24.77	216,000
1909	3/10/9	17.50	94,600	1930	5/12/30	18.40	105,000	1951	2/21/51	18.80	107,000
1910	6/10/10	13.70	51,500	1931	2/9/31	16.20	81,100	1952	3/12/52	15.62	77,700
1911	8/15/11	20.20	130,000	1932	1/24/32	15.90	77,500	1953	3/18/53	14.48	63,500
1912	4/27/12	20.10	129,000	1933	5/17/33	24.90	220,000	1954	5/2/54	13.20	47,900
1913	1/12/13	15.10	67,600	1934	3/26/34	15.00	66,400	1955	3/22/55	14.14	58,500
1914	4/29/14	16.30	82,200	1935	3/13/35	27.00	266,000	1956	2/18/56	12.95	45,700
1915	8/22/15	31.60	373,000	1936	12/8/35	13.70	51,500	1957	4/4/57	19.82	124,000
1916	2/1/16	31.90	382,000	1937	1/16/37	20.40	134,000	1958	5/9/58	13.87	56,100
1917	4/2/17	18.70	108,000	1938	2/19/38	27.40	260,000	1979	4/1/79	15.77	76,000
1918	5/13/18	24.90	220,000	1939	4/18/39	21.65	165,000	1980	12/25/79	10.61	23,700
1919	6/3/19	16.50	84,200	1940	4/12/40	16.66	93,600	1981	8/19/81	10.45	22,400
1920	3/27/20	22.70	175,000	1941	4/22/41	19.24	114,000	1982	2/5/82	15.93	78,100
1921	4/27/21	25.10	224,000	1942	11/2/41	20.00	122,000	1983	12/3/82	29.27	312,000
1922	3/31/22	15.70	74,900	1943	5/12/43	28.01	281,000	1984	5/8/84	14.20	57,700
1923	2/3/23	21.50	153,000	1944	3/1/44	13.96	54,800				
1924	6/13/24	19.50	120,000	1945	4/16/45	29.43	324,000				

07061100 Gibbs Creek at Sulphur Rock, Ark.

Location.--Lat 35°45'32", long 91°30'52", in SE 1/4 SW 1/4 sec.15, T.13 N., R.5 W., on right bank 38 ft upstream from culvert on State Highway 69, 0.4 mile upstream from small tributary, 0.8 mile downstream from Cooper Cane Creek, and 0.9 mile west of Sulphur Rock.

Drainage area.--3.90 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from November 1968 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 352 ft³/s and by culvert measurements at 990 ft³/s and 2,660 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	2/26/62	8.38	820	1970	4/24/70	7.90	700	1978	8/30/78	7.04	480
1963	5/26/63	6.70	480	1971	8/11/71	6.84	490	1979	4/2/79	11.15	1,680
1964	3/9/64	7.71	700	1972	12/10/71	6.38	340	1980	12/24/79	6.59	380
1965	4/4/65	13.62	2,660	1973	3/10/73	10.89	1,590	1981	5/27/81	5.78	215
1966	1/1/66	9.01	990	1974	12/4/73	8.10	770	1982	5/22/82	6.44	350
1967	5/14/67	6.22	330	1975	3/29/75	11.37	1,750	1983	12/3/82	11.41	1,780
1968	5/13/68	10.97	1,620	1976	2/17/76	11.29	1,740	1984	10/22/83	9.21	1,050
1969	1/29/69	8.26	780	1977	3/28/77	11.61	1,850				

07063000 Black River at Poplar Bluff, Mo.

Location.--Lat 36°45'35", long 90°23'15", in SW 1/4 NW 1/4 sec.2, T.24 N., R.6 E., 1,500 ft upstream from bridge on U.S. Highway 60 in Poplar Bluff, 4 3/4 miles downstream from Indian Creek, and at mile 211.2.

Drainage area.--1,245 mi².

Gage.--Nonrecording prior to June 8, 1955; recording thereafter. Prior to July 17, 1935, at site 300 ft downstream at datum 1.89 ft higher. July 17, 1935, to September 30, 1940, at present site at datum 2.00 ft higher. Datum of present gage is 317.38 ft above sea level. Gage heights given herein converted to present site and datum.

Stage-discharge relation.--Defined by current-meter measurements below 44,000 ft³/s; shifts in relation occur. Stage-discharge relation affected by right-bank levee constructed 1906-10 and left-bank levee constructed 1918-22.

Bankfull stage.--16 ft.

Remarks.--Flow regulated since June 3, 1948, by Clearwater Reservoir (capacity 413,700 acre-ft). Peaks prior to October 1, 1936, and October 1, 1937, to September 30, 1939, computed from plotted U.S. Weather Bureau gage readings. Only annual peaks are shown.

07063000 Black River at Poplar Bluff, Mo.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1904	3/ / 4		100,000	1943	5/12/43	20.77	52,600	1964	3/10/64	19.72	17,200
1923	2/ 3/23	19.30	23,900	1944	4/25/44	17.40	8,520	1965	4/ 4/65	13.04	4,420
1924	5/31/24	14.80	5,000	1945	6/10/45	20.80	50,800	1966	4/24/66	17.42	8,380
1925	6/14/25	15.90	6,420	1946	5/26/46	20.02	32,600	1967	5/14/67	12.13	4,050
1926	11/10/25	17.50	11,700	1947	4/27/47	18.81	14,800	1968	3/21/68	14.81	5,720
1927	4/16/27	20.30	32,500	1948	1/ 3/48	18.09	10,800	1969	1/30/69	19.00	12,600
1928	12/15/27	20.10	30,700	1949	1/25/49	18.85	14,800	1970	4/24/70	15.82	6,900
1929	5/15/29	20.20	31,600	1950	2/14/50	17.90	10,000	1971	1/14/71	12.22	4,000
1930	1/16/30	19.30	23,900	1951	2/21/51	16.81	6,060	1972	4/22/72	15.90	7,000
1931	3/ 9/31	14.60	4,820	1952	11/25/51	16.66	7,210	1973	3/11/73	18.86	14,000
1932	1/24/32	14.60	4,820	1953	3/29/53	11.50	3,630	1974	11/26/73	18.30	12,000
1933	5/16/33	20.60	35,300	1954	5/ 9/54	9.49	2,840	1975	3/29/75	18.78	12,600
1934	3/27/34	10.00	2,880	1955	3/22/55	16.85	7,370	1976	7/ 4/76	13.42	4,670
1935	3/12/35	21.10	40,200	1956	2/18/56	12.92	4,400	1977	3/28/77	20.17	21,700
1936	4/ 6/36	12.60	3,796	1957	4/ 5/57	18.59	14,300	1978	3/14/78	12.94	5,220
1937	1/16/37	19.66	27,300	1958	3/25/58	17.81	10,200	1979	5/ 4/79	17.69	8,840
1938	2/20/38	19.42	24,800	1959	11/18/58	16.35	7,220	1980	12/29/79	9.16	3,020
1939	4/19/39	19.40	24,800	1960	5/21/60	12.30	3,800	1981	6/ 7/81	10.31	3,680
1940	4/21/40	17.80	10,300	1961	5/ 8/61	18.65	14,300	1982	2/ 1/82	19.69	17,100
1941	4/19/41	13.60	4,880	1962	2/27/62	15.80	6,550	1983	12/ 4/82	21.68	65,600
1942	11/ 3/41	17.38	8,520	1963	3/17/63	12.22	4,000	1984	4/ 3/84	12.35	4,670

07064000 Black River near Corning, Ark.

Location.--Let 36°24'07", long 90°32'29", in SW 1/4 NE 1/4 sec.4, T.20 N., R.5 E., on left bank at downstream side of bridge on U.S. Highway 62, 2 1/4 miles east of Corning, 11.9 miles downstream from Cane Creek, and at mile 152.2.

Drainage area.--1,749 mi².

Gage.--Nonrecording prior to November 5, 1953; recording thereafter. Datum of gage is 272.90 ft above sea level (Corps of Engineers benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 32,000 ft³/s. Affected by variable slope.

Bankfull stage.--10 ft.

Remarks.--Flow partly regulated since June 3, 1948, by Clearwater Reservoir 105 miles upstream. Peak stages prior to 1939 furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1915		13.30	18,900	1940	4/22/40	11.62	6,900	1963	5/30/63	11.22	5,220
1916		13.90	23,400	1941	1/ 7/41	9.00	2,800	1964	3/13/64	15.23	32,500
1919	12/22/18	11.80	8,330	1942	4/12/42	12.09	9,900	1965	2/14/65	12.22	8,550
1920	12/ 6/19	11.70	7,750	1943	5/15/43	15.20	30,800	1966	1/ 5/66	13.54	17,300
1921	5/ 1/21	12.40	12,300	1944	4/14/44	11.88	8,620	1967	5/17/67	12.27	8,940
1922	4/ 5/22	12.50	13,000	1945	6/13/45	16.92	48,600	1968	3/23/68	12.78	11,900
1923	5/21/23	12.50	13,000	1946	5/30/46	13.08	17,400	1969	2/ 2/69	14.10	22,100
1924	6/ 4/24	10.80	4,430	1947	5/ 1/47	12.03a	10,500	1970	4/27/70	13.02	13,700
1925	6/17/25	9.60	3,100	1948	1/ 8/48	12.19	11,200	1971	1/17/71	11.80	6,550
1926	11/10/25	11.50	6,710	1949	1/29/49	13.78	22,800	1972	4/24/72	12.27	8,940
1927	4/18/27	14.40	27,200	1950	1/ 8/50	13.15	18,600	1973	4/24/73	14.00	22,600
1928	6/18/28	13.10	17,400	1951	2/24/51	12.02	10,200	1974	11/28/73	14.09	22,000
1929	5/19/29	12.70	14,400	1952	11/28/51	12.27	12,000	1975	3/30/75	14.70a	28,200
1930	1/20/30	13.00	16,600	1953	3/20/53	11.07	5,340	1976	12/ 9/75	11.74	6,310
1931	3/10/31	11.20	5,480	1954	3/28/54	8.76	2,630	1977	3/31/77	15.53	28,000
1932	1/20/32	11.80	8,330	1955	3/25/55	11.98	8,950	1978	3/16/78	12.16	8,330
1933	5/19/33	13.80	22,600	1956	2/21/56	11.60	7,210	1979	4/ 3/79	13.73	19,500
1934	3/30/34	11.10	5,160	1957	4/ 8/57	13.54	18,700	1980	4/ 1/80	10.88	4,150
1935	3/15/35	14.20	25,600	1958	3/28/58	13.03	15,000	1981	6/10/81	10.72	3,930
1936	4/ 9/36	11.10	5,160	1959	1/24/59	10.67	4,060	1982	2/ 3/82	13.94	22,700
1937	1/19/37	14.10	24,900	1960	5/23/60	11.47	6,150	1983	12/ 7/82	14.82	23,400
1938	2/23/38	13.60	21,200	1961	5/11/61	13.73	19,900	1984	4/ 5/84	11.96	7,300
1939	4/22/39	13.15	18,000	1962	3/ 1/62	12.92	14,000				

07068000 Current River at Doniphan, Mo.

Location.--Lat 36°37'25", long 90°50'55", in NW 1/4 NW 1/4 sec. 27, T.23 N., R.2 E., half a mile upstream from U.S. Highway 160, 1 mile west of Doniphan, 2 1/2 miles upstream from Briar Creek, and at mile 51.3.

Drainage area.--2,038 mi².

Gage.--Nonrecording prior to July 2, 1936, recording thereafter. Prior to May 22, 1928, at site 2,700 ft downstream at datum 0.06 ft higher; May 22, 1928, to September 30, 1929, at site 2,800 ft downstream at datum 0.07 ft lower; October 1, 1929, to September 30, 1932, at site 2,800 ft downstream at datum 1.07 ft lower; October 1, 1932, to July 2, 1936, at site 2,800 ft downstream at datum 3.07 ft lower. Datum of present gage is 322.21 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--12 ft.

Remarks.--Peaks for 1919-21 computed from plotted Corps of Engineers gage readings.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1904	3/ / 4	24.90	130,000	1940	4/20/40	9.02	12,500	1963	5/28/63	12.64	25,500
1915	8/ /15		105,000	1941	1/ 3/41	5.00	5,110	1964	3/10/64	13.71	30,100
1919	6/ 5/19		19,400	1942	11/ 2/41	9.89	15,400	1965	4/ 8/65	6.93	10,700
1920	3/27/20		19,700	1943	12/29/42	19.13	63,600	1966	2/11/66	19.27	65,300
1921	4/27/21		35,400	1944	4/24/44	11.70	20,300	1967	1/28/67	4.06	6,250
1922	4/ 1/22		22,000	1945	4/16/45	19.05	62,800	1968	12/23/67	12.35	26,000
1923	2/ 3/23		29,600	1946	8/16/46	17.46	50,600	1969	1/31/69	18.73	60,300
1924	5/31/24		8,300	1947	4/27/47	13.20	26,800	1970	4/21/70	9.22	16,700
1925	6/13/25		6,540	1948	1/ 2/48	11.50	20,600	1971	10/15/70	8.29	15,000
1926	10/18/25		10,300	1949	1/26/49	18.30	57,000	1972	4/23/72	13.33	25,200
1927	4/15/27		48,800	1950	5/11/50	18.20	56,200	1973	4/24/73	13.77	26,600
1928	6/14/28		43,000	1951	7/11/51	12.26	24,400	1974	11/27/73	16.51	38,600
1929	5/14/29		27,800	1952	3/12/52	11.73	22,200	1975	1/12/75	15.23	32,600
1930	1/15/30		25,500	1953	3/ 5/53	6.23	8,530	1976	7/ 5/76	9.81	16,000
1931	3/ 9/31		9,500	1954	5/ 3/54	6.68	9,530	1977	3/30/77	15.69	34,700
1932	1/24/32		8,300	1955	3/22/55	13.88	30,900	1978	3/26/78	12.55	22,900
1933	5/15/33		49,000	1956	5/16/56	17.17	49,000	1979	4/13/79	17.00	41,500
1934	9/16/34		6,210	1957	4/ 5/57	17.98	54,600	1980	4/ 1/80	4.45	5,620
1935	3/12/35	22.00	94,400	1958	3/25/58	15.72	39,600	1981	5/16/81	8.38	12,800
1936	11/11/35	7.45	7,400	1959	11/17/58	13.38	28,700	1982	1/31/82	14.46	31,600
1937	1/14/37	16.28	48,400	1960	12/29/59	11.63	21,900	1983	12/ 3/82	25.49	122,000
1938	2/19/38	15.72	43,100	1961	5/ 9/61	17.00	47,600		5/ 1/83	21.61	83,400
1939	4/18/39	16.41	49,300	1962	3/22/62	10.50	18,600	1984	3/21/84	11.24	26,300

07068870 Fourche River tributary at Middlebrook, Ark.

Location.--Lat 36°27'46", long 90°55'26", in NW 1/4 SW 1/4 sec.13, T.21 N., R.1 E., on left bank 20 ft upstream from culvert on State Highway 115, 0.3 mile north of Middlebrook, and 1.1 miles upstream from mouth.

Drainage area.--0.19 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 8 ft³/s and by culvert measurements at 88 ft³/s, 220 ft³/s, and 330 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	7.70	220	1968	5/11/68	6.99	154	1975	3/28/75	6.83	140
1962	6/24/62	6.65	125	1969	1/29/69	6.80	137	1976	5/28/76	8.36	293
1963	3/ 4/63	6.08	83	1970	9/18/70	7.19	172	1977	3/28/77	6.82	139
1964	3/ 9/64	6.90	146	1971	2/12/71	6.19	86	1978	8/30/78	6.19	86
1965	7/10/65	6.58	120	1972	9/24/72	6.40	100	1979	12/ 3/78	6.90	146
1966	6/13/66	6.99	154	1973	4/22/73	8.69	330	1980	3/17/80	5.33	18
1967	5/14/67	7.03	158	1974	4/22/74	8.30	287	1981	8/16/81	6.11	79

07068890 Fourche River above Pochahontas, Ark.

Location.--Lat 36°20'21", long 90°56'33", in NE 1/4 NW 1/4 sec.35, T.20 N., R.1 E., Randolph County, on right bank at upstream side of bridge on State Highway 115, 5.6 mi north of Pochahontas.

Drainage area.--229 mi².

Gage.--Recording 1965 to 1970; non-recording thereafter.

Stage-discharge relation.--Defined by current-meter measurements below 13,000 ft³/s and extended by logarithmic plotting.

Remarks.--Discontinued in 1979.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1965	2/10/65	19.11	4,920	1970	4/24/70	20.49	9,340	1975	3/28/75	23.95	29,600
1966	1/ 1/66	24.36	33,200	1971	2/22/71	18.62	3,970	1976	6/24/76	22.35	18,600
1967	5/13/67	22.60	18,900	1972	4/22/72	19.55	6,150	1977	3/28/77	25.40	42,600
1968	5/16/68	21.50	13,800	1973	4/23/73	23.70	27,600	1978	4/11/78	19.48	5,940
1969	1/30/69	24.68	35,400	1974	5/15/74	22.72	20,800	1979	2/23/79	21.59	14,200

07069000 Black River at Pochahontas, Ark.

Location.--Lat 36°15'14", long 90°58'12", in SW 1/4 SW 1/4 sec.27, T.19 N., R.1 E., at bridge on U.S. Highway 67 at Pochahontas, 2.2 miles downstream from Fourche River, 6.4 miles downstream from Current River, 18.1 miles upstream from Spring River, and at mile 90.1.

Drainage area.--4,845 mi².

Gage.--Nonrecording prior to July 23, 1940; recording July 24, 1940, to September 30, 1970; nonrecording thereafter. Prior to July 15, 1937, at site 0.3 mile upstream at present datum. Datum of gage is 241.81 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 56,000 ft³/s.

Bankfull stage.--18 ft.

Remarks.--Records for January 1, 1936, to July 14, 1937, computed by Corps of Engineers and reviewed by Geological Survey. Peak flows not materially affected by regulation by Clear Water Reservoir.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/17/27	25.90	80,000	1953	3/24/53	17.37	14,500	1970	5/ 4/70	19.72	18,400
1937	1/21/37	24.00	31,600	1954	5/ 4/54	12.68	10,200	1971	1/15/71	14.61	11,300
1938	2/25/38	21.92	30,100	1955	3/26/55	18.38	16,200	1972	5/ 3/72	19.22	16,900
1939	4/24/39	21.15	28,000	1956	5/20/56	16.68	13,700	1973	4/25/73	25.00	66,000
1940	4/24/40	17.85	15,000	1957	5/29/57	23.34	42,800	1974	11/30/73	22.46	35,900
1941	1/25/41	8.92	7,270	1958	3/29/58	22.13	32,400	1975	4/ 1/75	23.65	47,800
1942	4/16/42	19.60	18,600	1959	11/22/58	17.68	15,000	1976	7/ 7/76	17.32	14,000
1943	5/18/43	22.46	39,500	1960	5/22/60	15.57	12,600	1977	4/ 1/77	24.21	53,800
1944	4/26/44	19.07	17,300	1961	5/12/61	24.18	52,300	1978	3/30/78	19.55	17,600
1945	6/17/45	24.32	59,600	1962	3/ 5/62	18.02	15,500	1979	4/ 3/79	22.42	35,500
1946	5/29/46	21.66	30,300	1963	5/31/63	16.40a	13,800	1980	4/ 2/80	13.07	10,100
1947	5/ 1/47	17.16	14,700	1964	3/14/64	23.32	42,900	1981	5/18/81	12.10	9,340
1948	1/ 5/48	17.51a	15,800	1965	4/10/65	15.11	12,000	1982	2/ 5/82	22.58	37,100
1949	1/29/49	24.07	53,800	1966	4/30/66	21.77	29,400	1983	12/ 7/82	25.22	66,300
1950	1/11/50	22.92	39,100	1967	5/16/67	18.46	15,800	1984	4/11/84	18.34	15,400
1951	2/25/51	20.83	23,600	1968	5/17/68	19.55	17,600				
1952	12/ 1/51	20.78	23,600	1969	2/ 3/69	24.18	53,500				

07069250 Brush Creek near Mammoth Spring, Ark.

Location.--Lat 36°25'36", long 91°29'27", in SE 1/4 SE 1/4 sec.34, T.21 N., R.5 W., on left bank 32 ft upstream from culvert on U.S. Highway 63, 1.3 miles upstream from mouth, and 5.5 miles southeast of Mammoth Spring.

Drainage area.--0.48 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by culvert measurements at 191 ft³/s, 597 ft³/s, 849 ft³/s, and 960 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	12.30	597	1969	1/29/69	8.67	200	1977	3/28/77	11.68	520
1962	2/25/62	8.55	191	1970	4/19/70	9.43	270	1978	5/ 7/78	7.22	98
1963	3/ 4/63	9.60	286	1971	8/22/71	8.14	160	1979	4/ 2/79	13.00	682
1964	3/ 9/64	8.91	221	1972	4/21/72	8.40	180	1980	12/24/79	9.03	230
1965	4/ 3/65	12.32	600	1973	4/22/73	15.05	960	1981	5/10/81	8.50	187
1966	4/23/66	12.42	610	1974	5/22/74	14.25	849	1982	1/30/82	8.75	207
1967	5/13/67	10.85	420	1975	3/28/75	7.57	120	1983	12/ 3/82	12.22	586
1968	9/16/68	10.28	356	1976	12/ 6/75	7.78	133				

07069290 Miller Creek near Salem, Ark.

Location.--Lat 36°20'13", long 91°46'32", in SE 1/4 NW 1/4 sec.6, T.19 N., R.7 W., on left bank 34 ft upstream from culvert on U.S. Highway 62, 0.7 mile upstream from mouth, and 3.6 miles southeast of Salem.

Drainage area.--2.28 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from June 1969 to November 1974.

Stage-discharge relation.--Defined by current-meter measurement at 21 ft³/s and by culvert measurements at 1,380 ft³/s and 2,160 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	10.70	2,160	1968	12/14/67	5.16	400	1975	3/29/75	4.95	312
1962			700	1969	1/29/69	7.33	1,060	1976	6/23/76	6.39	740
1963	5/26/63	8.20	1,380	1970	12/29/69	4.73	260	1977	3/28/77	7.44	1,100
1964	3/ 9/64	5.32	450	1971	1/13/71	4.88	295	1978	11/ 3/77	4.72	258
1965	9/22/65	7.00	947	1972	12/10/71	4.54	210	1979	3/20/79	7.08	970
1966	1/ 1/66	6.32	725	1973	4/22/73	6.61	810	1980	12/24/79	4.72	258
1967	6/29/67	4.49	220	1974	5/14/74	6.57	800	1981	5/10/81	3.30	22

07069500 Spring River at Imboden, Ark.

Location.--Lat 36°12'19", long 91°10'19", in SE 1/4 NE 1/4 sec.15, T.18 N., R.2 W., at bridge on U.S. Highway 62 at Imboden, 3.9 miles downstream from Jones Creek, 8.2 miles upstream from Eleven Point River, and at mile 12.1.

Drainage area.--1,183 mi².

Gage.--Nonrecording prior to February 9, 1939; recording thereafter. Datum of gage is 254.07 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 75,000 ft³/s and indirect measurement at 244,000 ft³/s.

Bankfull stage.--16 ft.

Remarks.--Records for February 21, 1936, to July 17, 1937, furnished by Corps of Engineers and reviewed by Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1915	8/ /15	32.10	125,000	1953	3/18/53	18.16	13,400	1970	4/24/70	19.40	18,700
1937	1/15/37	22.30	31,800	1954	5/ 3/54	17.82	12,500	1971	1/14/71	18.10	14,200
1938	2/18/38	23.97	42,200	1955	3/21/55	18.49	14,200	1972	12/10/71	21.18	26,600
1939	3/ 5/39	22.40	32,400	1956	2/18/56	16.50	10,600	1973	4/23/73	25.17	50,300
1940	4/12/40	17.86	13,100	1957	4/ 4/57	25.74	54,200	1974	11/25/73	23.48	41,200
1941	1/24/41	9.87	4,680	1958	5/ 5/58	22.10	30,600	1975	3/29/75	23.76	40,700
1942	4/ 8/42	23.10	36,600	1959	11/17/58	26.50	60,500	1976	12/ 6/75	18.77	16,300
1943	5/11/43	26.10	57,300	1960	5/ 7/60	16.07	10,200	1977	3/28/77	28.78	82,700
1944	4/11/44	19.13	16,100	1961	5/ 7/61	27.75	72,500	1978	8/30/78	13.48	8,270
1945	3/31/45	24.87	48,300	1962	2/26/62	19.34	16,800	1979	4/12/79	21.73	29,200
1946	2/14/46	22.16	31,600	1963	5/27/63	20.25	20,500	1980	12/24/79	12.97	7,770
1947	12/10/46	14.54	8,290	1964	3/ 9/64	26.16	58,100	1981	2/10/81	5.70	1,840
1948	1/ 1/48	19.10	16,100	1965	9/22/65	19.51	17,500	1982	1/31/82	24.36	44,600
1949	1/24/49	28.42	78,500	1966	1/ 2/66	26.15	58,100	1983	12/ 3/82	38.12	244,000
1950	1/ 4/50	25.08	49,800	1967	5/13/67	17.92	13,800	1984	5/ 7/84	18.95	16,900
1951	2/20/51	21.27	26,200	1968	5/16/68	21.80	26,700				
1952	11/24/51	22.43	32,400	1969	1/30/69	26.68	62,100				

07071500 Eleven Point River near Bardley, Mo.

Location.--Lat 36°38'55", long 91°12'03", in NE 1/4 SE 1/4 sec.17, T.23 N., R.2 W., at bridge on U.S. Highway 160, 7 miles southwest of Bardley and 7 1/2 miles upstream from Fredericks Fork.

Drainage area.--793 mi².

Gage.--Nonrecording prior to October 20, 1939; recording thereafter. Datum of gage is 410.84 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 25,000 ft³/s.

Bankfull stage.--12 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1915	8/20/15	19.70	44,000	1943	5/11/43	15.18	25,800	1965	4/16/65	3.85	17,500
1922	3/31/22	10.00	7,560	1944	4/23/44	8.36	6,840	1966	2/10/66	15.56	27,700
1923	3/16/23	10.60	9,450	1945	3/31/45	15.50	27,200	1967	5/19/67	3.44	1,390
1924	8/10/24	3.90	1,680	1946	2/14/46	10.88	11,400	1968	4/20/68	10.46	10,400
1925	6/13/25	7.20	4,400	1947	12/12/46	5.50	3,100	1969	1/30/69	13.88	20,200
1926	11/ 8/25	5.10	2,490	1948	6/19/48	9.54	8,680	1970	4/24/70	8.45	6,870
1927	4/14/27	18.70	40,000	1949	1/24/49	16.70	33,200	1971	1/14/71	4.68	2,470
1928	6/13/28	15.60	27,200	1950	1/ 4/50	12.80	16,200	1972	12/11/71	13.19	17,500
1929	1/25/29	9.50	8,000	1951	2/21/51	8.50	7,020	1973	4/23/73	12.69	16,300
1930	1/13/30	8.00	5,800	1952	11/24/51	9.66	9,040	1974	4/23/74	11.76	13,100
1931	8/ 6/31	5.20	2,640	1953	4/18/53	4.90	2,530	1975	9/12/75	8.25	6,640
1932	1/23/32	3.60	1,280	1954	5/ 2/54	10.60	10,800	1976	6/24/76	8.72	7,370
1933	4/16/33	10.90	10,100	1955	3/21/55	11.23	12,000	1977	3/28/77	12.97	16,500
1934	9/15/34	3.50	1,190	1956	5/16/56	7.37	5,420	1978	3/25/78	7.89	6,100
1935	3/12/35	13.70	20,200	1957	4/ 4/57	15.76	28,600	1979	4/12/79	11.09	11,700
1936	12/ 8/35	3.10	900	1958	5/ 5/58	10.35	10,400	1980	12/24/79	4.52	1,940
1937	1/14/37	13.90	20,900	1959	11/17/58	16.10	30,100	1981	5/14/81	3.39	1,290
1938	2/19/38	10.00	9,100	1960	12/28/59	7.41	5,420	1982	1/31/82	11.32	12,200
1939	4/17/39	13.90	20,900	1961	5/ 7/61	12.80	16,200	1983	12/ 3/82	21.64	49,800
1940	4/12/40	8.30	6,530	1962	2/26/62	8.30	6,720	1984	11/24/83	9.56	7,820
1941	4/ 4/41	3.40	976	1963	6/17/63	7.94	6,120				
1942	5/31/42	15.70	28,300	1964	3/ 9/64	12.81	16,200				

07072000 Eleven Point River near Ravenden Springs, Ark.

Location.--Lat 36°20'48", long 91°06'48", in SE 1/4 SE 1/4 sec.30, T.20 N., R.1 W., on left bank at downstream side of bridge on State Highway 90, 0.9 mile downstream from Hinch Creek, 6.6 miles northeast of Ravenden Springs, and at mile 21.2.

Drainage area.--1,134 mi².

Gage.--Nonrecording prior to December 11, 1938; recording thereafter. Prior to November 21, 1938, at datum 0.04 ft higher. Datum of present gage is 291.98 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 35,000 ft³/s and indirect measurement at 162,000 ft³/s.

Bankfull stage.--14 ft.

Remarks.--Records for periods 1929-33 and 1935-38 collected and computed by Corps of Engineers and reviewed by Geological Survey. Published as "near Eleven Point" prior to October 1949.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1930	1/14/30	13.01	9,460	1950	1/ 5/50	17.22	19,800	1968	5/16/68	15.98	14,500
1931	3/ 7/31	10.00	5,680	1951	2/20/51	13.92	10,600	1969	1/30/69	18.50	23,800
1932	1/17/32	11.65	7,160	1952	3/12/52	14.43	11,600	1970	4/25/70	14.80	12,000
1933	5/15/33	14.92	12,800	1953	3/18/53	9.87	5,340	1971	1/14/71	11.80	7,120
1936	4/ 6/36	11.60	7,160	1954	5/ 3/54	12.30	7,960	1972	12/12/71	13.80	10,400
1937	1/15/37	15.90	15,500	1955	3/22/55	14.58	12,000	1973	4/23/73	20.27	34,400
1938	3/29/38	15.60	14,600	1956	2/18/56	8.99	4,640	1974	5/15/74	16.77	18,300
1939	4/18/39	16.55	17,800	1957	4/ 5/57	18.80	26,00	1975	3/29/75	16.37	16,300
1940	4/12/40	11.38	6,770	1958	5/ 5/58	16.24	16,400	1976	12/ 6/75	13.52	9,530
1941	9/ 3/41	9.63	5,120	1959	11/17/58	20.83	37,00	1977	3/28/77	20.18	32,300
1942	6/ 1/42	18.04	23,000	1960	12/29/59	9.04	4,640	1978	3/26/78	10.20	5,520
1943	5/11/43	18.97	26,900	1961	5/ 8/61	20.47	35,800	1979	4/12/79	16.19	17,300
1944	4/23/44	14.03	10,800	1962	2/27/62	13.12	9,180	1980	3/30/80	7.77	3,670
1945	3/31/45	18.84	26,200	1963	3/ 5/63	12.01	7,540	1981	6/ 6/81	6.61	2,830
1946	2/14/46	15.81	15,200	1964	3/10/64	20.05	31,000	1982	1/31/82	17.61	20,300
1947	4/11/47	8.65	4,340	1965	6/13/65	8.34	4,120	1983	12/ 3/82	29.06	162,000
1948	1/ 1/48	12.30	7,960	1966	4/24/66	17.27	20,200		12/24/82	21.20	38,500
1949	1/25/49	20.21	34,000	1967	5/13/67	13.91	10,600	1984	11/24/83	11.28	6,480

07072200 Hubble Creek near Pocahontas, Ark.

Location.--Lat 36°15'32", long 91°02'02", in SE 1/4 SW 1/4 sec.25, T.19 N., R.1 W., on left bank 45 ft upstream from culvert on U.S. Highway #2, 3.4 miles west of Pocahontas, and 5.3 miles upstream from mouth.

Drainage area.--1.33 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 278 ft³/s and by culvert measurements at 666 ft³/s and 925 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/14/61	9.70	666	1969	1/29/69	10.08	735	1977	3/28/77	12.40	1,160
1962	4/10/62	8.03	373	1970	3/ 3/70	8.86	520	1978	8/30/78	8.15	370
1963	3/ 4/63	7.33	260	1971	2/12/71	8.40	440	1979	12/ 3/78	11.85	1,050
1964	3/ 9/64	11.14	925	1972	9/25/72	10.11	740	1980	3/17/80	8.33	400
1965	7/10/65	8.68	490	1973	4/22/73	10.59	825	1981	8/16/81	9.34	600
1966	7/24/66	9.79	715	1974	11/24/73	9.12	600	1982	1/31/82	8.41	430
1967	5/14/67	9.13	600	1975	3/28/75	12.37	1,150	1983	12/ 3/82	10.15	745
1968	4/20/68	10.26	765	1976	7/ 3/76	8.74	480	1984	5/ 7/84	9.24	570

07072500 Black River at Black Rock, Ark.

Location.--Lat 36°06'15", long 91°05'50", in NW 1/4 sec.21, T.17 N., R.1 W., on right bank 900 ft downstream from St. Louis-San Francisco Railway Co. bridge at Black Rock, 3.7 miles downstream from Spring River, and at mile 68.3.

Drainage area.--7,369 mi².

Gage.--Nonrecording. Prior to August 1, 1946, at site 900 ft upstream at same datum. Datum of gage is 229.56 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurement below 100,000 ft³/s and extended above by logarithmic plotting.

Bankfull stage.--20 ft.

Remarks.--Peak gage heights for 1904-29 and 1932-39 computed from plotted U.S. Weather Bureau gage readings. Discharge records for 1940-68 furnished by Corps of Engineers and reviewed by Geological Survey. Some regulation since June 3, 1948, by Clearwater Reservoir (effect on peak discharge slight). Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1905	5/ 8/ 5	22.90	37,500	1932	1/18/32	19.60	23,300	1959	11/18/58	25.10	57,800
1906	1/23/ 6	24.50	51,700	1933	5/22/33	23.10	38,900	1960	5/20/60	18.40a	27,400
1907	1/ 4/ 7	26.00	69,000	1934	3/27/34	19.30	22,800	1961	5/ 8/61	28.00	96,300
1908	5/ 7/ 8	23.40	41,400	1935	3/12/35	26.70	78,300	1962	2/26/62	21.70a	33,300
1909	3/10/ 9	25.00	56,900	1936	4/ 6/36	16.40	18,500	1963	5/27/63	19.30a	29,900
1910	4/18/10	17.00	19,300	1937	1/16/37	26.20	71,700	1964	3/10/64	27.80	90,800
1911	8/16/11	19.10	22,500	1938	2/19/38	25.50	63,000	1965	9/23/65	16.60	26,600
1912	4/28/12	23.50	42,200	1939	4/18/39	24.80	54,800	1966	1/ 2/66	26.80	75,100
1913	1/12/13	24.40	50,700	1940	5/ 1/40	18.20	22,800	1967	5/13/67	15.70	27,600
1914	4/30/14	21.60	28,800	1941	1/25/41	10.00	11,800	1968	5/17/68	23.80	40,700
1915	8/21/15	31.90	160,000	1942	4/10/42	23.00	37,300	1969	1/31/69	27.72	89,500
1916	1/31/16	26.50	75,600	1943	5/12/43	26.20	68,200	1970	4/26/70	23.04	35,700
1917	4/ 3/17	24.60	52,700	1944	4/24/44	22.00	31,200	1971	1/14/71	17.50	27,900
1918	5/14/18	25.90	67,800	1945	3/31/45	27.20	87,400	1972	5/ 2/72	21.16a	28,300
1919	12/14/18	19.90	23,800	1946	6/ 1/46	23.60	42,000	1973	4/24/73	29.24	105,000
1920	3/27/20	21.10	26,800	1947	4/11/47	16.70a	21,200	1974	12/ 5/73	25.93	61,600
1921	4/28/21	25.70	65,300	1948	1/ 2/48	19.80	29,500	1975	3/29/75	27.90	94,500
1922	4/ 9/22	23.40	41,400	1949	1/25/49	28.50	103,000	1976	12/ 6/75	19.43a	29,200
1923	5/16/23	24.30	49,600	1950	1/ 5/50	25.90	67,800	1977	3/29/77	28.10	109,000
1924	5/30/24	14.30	15,800	1951	2/22/51	23.10	38,800	1978	3/26/78	19.92	24,900
1925	6/15/25	12.10	13,300	1952	11/27/51	23.30	40,600	1979	3/ 4/79	25.61	63,400
1926	10/18/25	20.80	26,000	1953	3/18/53	20.00a	30,100	1980	3/31/80	13.90	15,500
1927	4/15/27	30.30	132,000	1954	5/ 3/54	17.60a	24,900	1981	5/18/81	9.66	10,600
1928	6/14/28	26.20	71,700	1955	3/21/55	19.50a	26,200	1982	2/ 1/82	24.92	56,600
1929	1/26/29	24.70	53,800	1956	2/18/56	17.60a	25,700	1983	12/ 4/82	31.51	190,000
1930	1/15/30	23.60	43,000	1957	4/ 5/57	26.90	77,800	1984	5/ 8/84	20.62	27,600
1931	3/ 8/31	18.00	20,600	1958	5/ 6/58	24.50	50,200				

07073000 Strawberry River near Evening Shade, Ark.

Location.--Lat 36°05'36", long 91°36'30", in NE 1/4 NE 1/4 sec.27, T.17 N., R.6 W., at bridge on State Highway 11, 2 miles north of Evening Shade, 6.3 miles upstream from Piney Fork, and at mile 55.9.

Drainage area.--217 mi².

Gage.--Nonrecording prior to July 21, 1939; recording thereafter. Datum of gage is 406.56 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 16,000 ft³/s and extended above by logarithmic plotting.

Bankfull stage.--9 ft.

Remarks.--Prior to February 28, 1978, records furnished by Corps of Engineers and reviewed by Geological Survey. After February 28, 1978, gage operated by U.S. Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	4/17/39	19.78	8,750	1953	3/18/53	17.04	6,480	1967	6/30/67	17.85	8,000
1940	4/11/40	15.42	4,650	1954	5/ 3/54	15.38	4,940	1968	2/ 1/68	16.70	6,570
1941	1/24/41	13.43	3,080	1955	5/20/55	18.16	7,840	1969	1/30/69	22.84	17,200
1942	4/ 8/42	19.18	8,120	1956	6/25/56	15.86	5,410	1970	4/24/70	15.07	4,850
1943	5/11/43	24.55	22,700	1957	4/ 4/57	21.80	14,700	1971	1/14/71	14.54	4,330
1944	5/ 3/44	18.50	7,290	1958	5/ 5/58	22.02	15,200	1972	12/10/71	17.27	7,250
1945	3/31/45	22.46	15,900	1959	11/17/58	22.80	17,100	1973	4/23/73	21.91	15,100
1946	3/ 6/46	21.07	12,000	1960	5/20/60	16.10	5,910	1974	11/24/73	21.05	13,100
1947	12/10/46	17.63	6,260	1961	5/ 8/61	23.12	17,900	1975	3/29/75	19.82	10,800
1948	6/18/48	17.33	5,960	1962	2/26/62	15.70	5,480	1976	12/ 6/75	13.54	3,470
1949	1/24/49	26.59	31,000	1963	5/27/63	16.68	6,570	1977	3/28/77	25.38	24,000
1950	1/ 4/50	21.82	13,800	1964	3/ 9/64	21.37	13,900	1978	11/ 3/77	12.17	2,690
1951	7/ 4/51	18.77	8,090	1965	9/22/65	19.46	10,400	1979	4/11/79	19.88	10,900
1952	11/24/51	20.36	10,900	1966	1/ 2/66	22.97	17,600				

07073500 Piney Fork at Evening Shade, Ark.

Location.--Lat 36°04'50", long 91°36'39", in SE 1/4 NE 1/4 sec.34, T.17 N., R.6 W., 20 ft upstream from bridge on U.S. Highway 167, 3/4 mile north of Evening Shade, and at mile 5.8.

Drainage area.--99.2 mi².

Gage.--Nonrecording prior to October 5, 1945; recording thereafter. Datum of gage is 420.62 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 11,000 ft³/s and indirect measurement at 50,400 ft³/s.

Bankfull stage.--12 ft.

Remarks.--Prior to March 8, 1978, records furnished by Corps of Engineers and reviewed by Geological Survey. After March 8, 1978, gage operated by U.S. Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	4/16/39	14.40	5,740	1955	3/21/55	9.92	2,760	1971	1/14/71	6.66	812
1940	4/19/40	8.50	1,900	1956	2/18/56	10.69	2,950	1972	12/10/71	11.35	4,020
1941	11/11/40	7.26	1,220	1957	4/ 4/57	18.64	9,620	1973	4/23/73	17.45	8,350
1942	4/ 8/42	14.74	6,000	1958	5/ 5/58	14.60	5,680	1974	12/ 4/73	14.12	5,500
1943	5/11/43	19.96	11,300	1959	11/17/58	11.79	3,660	1975	3/29/75	17.79	8,690
1944	4/11/44	11.68	3,680	1960	5/20/60	12.53	3,930	1976	7/ 4/76	8.05	1,760
1945	4/15/45	18.50	9,650	1961	5/ 5/61	13.20	4,460	1977	3/28/77	18.85	9,800
1946	3/ 6/46	17.84	8,900	1962	4/11/62	10.19	2,440	1978	11/ 3/77	7.19	1,300
1947	5/21/47	14.00	5,200	1963	5/27/63	10.69	2,740	1979	2/23/79	15.84	6,900
1948	6/18/48	11.60	4,700	1964	3/ 9/64	19.20	10,400	1980	9/ 3/80	12.02	4,060
1949	1/24/49	23.42	17,500	1965	9/22/65	16.50	7,300	1981	5/30/81	12.22	4,180
1950	6/ 3/50	17.77	8,700	1966	4/23/66	17.40	8,240	1982	1/31/82	13.07	4,770
1951	2/20/51	12.90	4,480	1967	6/30/67	8.64	1,610	1983	12/ 3/82	30.32	50,400
1952	11/24/51	12.40	4,170	1968	3/21/68	13.84	4,970	1984	5/ 7/84	12.16	4,150
1953	3/18/53	11.70	3,750	1969	12/28/68	18.75	9,800				
1954	9/30/54	8.27	1,720	1970	9/19/70	15.56	6,430				

07074000 Strawberry River near Poughkeepsie, Ark.

Location.--Lat 36°06'37", long 91°26'59", in SE 1/4 NW 1/4 sec. 19, T.17 N., R.4 W., on right bank at downstream side of bridge on State Highway 58, half a mile downstream from Hurricane Creek, 2 1/2 miles northeast of Poughkeepsie, and at mile 35.9.

Drainage area.--473 mi².

Gage.--Nonrecording prior to December 11, 1938; recording thereafter. Datum of gage is 298.07 ft above sea level (Corps of Engineers benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 27,000 ft³/s and by slope-area measurement at 52,000 ft³/s and 158,000 ft³/s.

Bankfull stage.--20 ft.

Remarks.--From February 23, 1936, to March 1, 1978, records furnished by Corps of Engineers and reviewed by Geological Survey. After March 1, 1978, gage operated by U.S. Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1937	10/25/36	18.30	14,600	1953	3/18/53	18.07	12,900	1969	12/27/68	22.28	25,500
1938	2/18/38	23.60	31,600	1954	5/ 2/54	13.83	6,200	1970	4/25/70	13.71	7,490
1939	4/16/39	19.50	17,600	1955	5/20/55	17.77	12,100	1971	1/14/71	10.59	4,900
1940	4/19/40	12.43	5,230	1956	2/18/56	17.15	10,800	1972	12/10/71	17.03	11,700
1941	1/24/41	10.90	3,850	1957	4/ 4/57	24.36	32,700	1973	4/23/73	22.77	27,100
1942	4/ 8/42	21.25	22,700	1958	5/ 5/58	20.44	19,800	1974	11/25/73	21.04	21,700
1943	5/11/43	24.60	32,900	1959	11/18/58	19.30	16,500	1975	3/28/75	22.54	26,300
1944	4/11/44	17.40	12,200	1960	5/20/60	16.84	9,980	1976	12/ 6/75	10.56	4,880
1945	6/11/45	22.62	26,500	1961	5/ 7/61	22.24	25,200	1977	3/28/77	24.27	32,300
1946	3/ 6/46	20.25	19,200	1962	4/11/62	16.40	10,500	1978	4/10/78	10.39	4,640
1947	12/10/46	16.94	10,100	1963	5/27/63	14.77	8,180	1979	2/23/79	20.76	20,900
1948	6/18/48	17.79	12,100	1964	3/ 9/64	24.22	31,900	1980	12/24/79	8.93	3,490
1949	1/24/49	29.30	52,000	1965	9/22/65	19.06	16,100	1981	5/31/81	9.96	4,280
1950	1/ 4/50	21.41	22,800	1966	1/ 2/66	22.73	26,800	1982	1/31/82	18.61	14,900
1951	2/20/51	19.56	17,400	1967	6/30/67	17.14	11,800	1983	12/ 3/82	35.90	158,000
1952	11/25/51	19.64	17,400	1968	3/20/68	19.83	18,100	1984	5/ 7/84	15.69	9,660

07074200 Dry Branch tributary near Sidney, Ark.

Location.--Lat 36°00'12", long 91°35'06", in NW 1/4 SW 1/4 sec.25, T.16 N., R.6 W., on left bank 20 ft upstream from culvert on U.S. Highway 167, 0.8 mile upstream from mouth, and 4.2 miles east of Sidney.

Drainage area.--1.22 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by culvert measurements at 324 ft³/s, 491 ft³/s, 675 ft³/s and 1,000 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	10.50	675	1969	3/23/69	11.51	995	1977	3/28/77	10.90	880
1962			100	1970	9/24/70	10.34	720	1978	5/ 7/78	9.13	420
1963	5/26/63	8.66	324	1971	8/22/71	10.25	695	1979	12/ 8/78	11.55	1,100
1964	3/ 9/64	9.39	491	1972	5/ 2/72	9.72	285	1980	6/23/80	7.09	135
1965	5/10/65	9.78	540	1973	4/22/73	11.55	1,100	1981	5/25/81	7.07	135
1966	4/23/66	11.50	1,000	1974	11/24/73	10.65	790	1983	12/ 3/82	12.40	1,230
1967	9/ 8/67	11.57	1,100	1975	3/29/75	11.22	930				
1968	5/10/68	8.95	390	1976	12/ 6/75	9.55	530				

07074250 Reeds Creek near Strawberry, Ark.

Location.--Lat 35°58'58", long 91°20'12", in SW 1/4 SW 1/4 sec.32, T.16 N., R.3 W., on left bank 20 ft downstream from bridge on State Highway 117, 0.2 mile downstream from small tributary, 0.4 mile upstream from small tributary, and 1.4 miles northwest of Strawberry.

Drainage area.--34.9 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 3,410 ft³/s and by indirect measurement at 18,500 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	5/26/63	12.30	1,450	1970	9/18/70	12.26	1,400	1977	3/28/77	13.68	3,700
1964	3/ 9/64	13.65	3,600	1971	10/ 8/70	13.01	2,300	1978	11/ 2/77	12.11	1,300
1965	5/10/65	13.15	2,570	1972	5/ 1/72	11.28	850	1979	9/21/79	13.69	3,700
1966	1/ 1/66	14.35	5,500	1973	4/19/73	14.52	5,900	1980	3/17/80	14.04	4,500
1967	7/ 6/67	12.82	2,010	1974	5/22/74	14.06	4,600	1981	6/ 6/81	11.77	1,080
1968	5/13/68	13.41	3,060	1975	3/28/75	16.30	18,500	1982	1/31/82	11.77	1,080
1969	12/27/68	14.94	7,200	1976	12/ 6/75	13.35	2,950	1983	12/ 3/82	15.05	8,400

07074500 White River at Newport, Ark.

Location.--Lat 35°36'18", long 91°17'19", in NE 1/4 NE 1/4 sec.10, T.11 N., R.3 W., at bridge on U.S. Highway 67 at Newport, 7.2 miles downstream from Black River, and at mile 257.6.

Drainage area.--19,860 mi².

Gage.--Nonrecording prior to August 14, 1953; recording thereafter. October 1927 to September 1931, 2.8 miles upstream at datum 2.30 ft lower. Datum of present gage is 194.09 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 341,000 ft³/s at present site and below 162,000 ft³/s at former site.

Bankfull stage.--26 ft.

Remarks.--Records of peak stage 1885-1927 and 1932-37 furnished by U.S. Weather Bureau. Discharge records since 1938 furnished by Corps of Engineers and reviewed by Geological Survey. Peak flows affected to some extent since 1943 by regulation by Norfolk Reservoir on North Fork River, since 1948 by Clearwater Reservoir on Black River, since 1950 by Bull Shoals Reservoir, since 1956 by Table Rock Reservoir, and since 1964 by Beaver Reservoir; total capacity at top of designated flood-control pools, 13,218,200 acre-ft. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1886	5/12/86	24.00	66,500	1919	6/ 5/19	23.40	63,200	1952	4/15/52	25.60	75,200
1887	5/ 8/87	24.50	69,500	1920	3/29/20	29.30	125,000	1953	3/20/53	24.40	66,300
1888	5/23/88	26.10	80,900	1921	4/30/21	31.30	174,000	1954	5/ 3/54	19.49a	48,000
1889	3/28/89	23.00	61,000	1922	4/14/22	26.20	81,800	1955	3/22/55	21.70a	54,800
1890	3/14/90	33.00	235,000	1923	2/ 5/23	29.50	130,000	1956	2/19/56	22.10a	55,300
1891	4/26/91	23.80	65,400	1924	6/14/24	25.40	75,500	1957	4/ 6/57	28.25	101,000
1892	5/21/92	29.60	132,000	1925	5/ 1/25	21.80	55,100	1958	5/11/58	27.54	92,800
1893	5/ 5/93	30.70	158,000	1926	10/19/25	26.10	80,900	1959	11/17/58	20.40a	60,300
1894	5/11/94	28.00	102,000	1927	4/17/27	35.60	387,000	1960	5/22/60	24.87a	70,200
1895	7/11/95	19.60	45,900	1928	6/15/28	33.10	172,000	1961	5/ 9/61	30.16	130,000
1896	12/24/95	28.80	116,000	1929	5/12/29	30.00	108,000	1962	2/28/62	21.45	56,000
1897	1/ 7/97	27.90	101,000	1930	1/17/30	30.30	112,000	1963	5/28/63	13.42a	33,400
1898	5/ 8/98	32.10	199,000	1931	2/13/31	23.60	64,200	1964	3/13/64	27.46	99,000
1899	5/13/99	28.00	102,000	1932	1/26/32	26.70	86,300	1965	4/ 5/65	19.75a	50,900
1900	3/ 3/ 0	18.50	41,800	1933	5/19/33	32.10	119,000	1966	4/27/66	28.12	99,000
1901	3/15/ 1	23.50	63,800	1934	3/29/34	25.70	77,800	1967	5/17/67	16.16	37,900
1902	3/ 2/ 2	18.10	40,400	1935	3/14/35	33.70	270,000	1968	3/23/68	26.69	84,700
1903	3/12/ 3	28.70	114,000	1936	12/ 9/35	18.00	40,000	1969	2/ 1/69	30.00	125,000
1904	3/29/ 4	28.90	117,000	1937	1/18/37	30.70	158,000	1970	4/28/70	25.70	73,100
1905	5/26/ 5	28.20	105,000	1938	2/20/38	33.40	259,000	1971	1/21/71	18.83	43,000
1906	3/29/ 6	30.50	152,000	1939	4/20/39	30.30	144,000	1972	12/12/71	23.92a	65,800
1907	5/11/ 7	30.70	158,000	1940	4/14/40	24.40a	75,200	1973	4/25/73	32.73	244,000
1908	5/ 0/ 8	29.40	127,000	1941	4/23/41	27.25a	106,000	1974	11/28/73	30.15	138,000
1909	3/14/ 9	26.00	80,000	1942	11/ 5/41	28.10	102,000	1975	3/30/75	31.46	202,000
1910	6/13/10	20.50	49,500	1943	5/14/43	34.68	304,000	1976	6/25/76	16.70a	39,300
1911	8/17/11	24.80	71,300	1944	3/ 3/44	23.00a	60,700	1977	3/30/77	29.12	123,000
1912	5/ 2/12	29.40	127,000	1945	4/17/45	35.90a	343,000	1978	3/26/78	23.00	57,500
1913	1/26/13	26.00	80,000	1946	5/30/46	30.00	125,000	1979	4/ 3/79	29.58	125,000
1914	5/ 1/14	23.10	61,600	1947	12/16/46	28.20	100,000	1980	12/26/79	14.57	30,800
1915	8/24/15	33.90	280,000	1948	6/21/48	23.30a	66,200	1981	2/13/81	9.24	19,400
1916	2/ 1/16	34.30	303,000	1949	1/28/49	34.00a	260,000	1982	2/ 3/82	26.55	84,100
1917	4/ 6/17	24.90	71,900	1950	5/15/50	32.10	194,000	1983	12/ 5/82	34.00	330,000
1918	5/15/18	32.20	207,000	1951	2/23/51	28.50	104,000	1984	5/10/84	24.69	69,100

07074550 Village Creek near O'Kean, Ark.

Location.--Lat 36°10'45", long 90°50'29", on south line SW 1/4 SW 1/4 sec.23, T.18 N., R.2 E., on left bank 10 ft upstream from bridge on State Highway 90, 0.5 mile downstream from small tributary, 0.6 mile upstream from small tributary, and 1.6 miles northwest of O'Kean.

Drainage area.--6.24 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 396 ft³/s.

Remarks.--Only annual peaks are shown. Published as "Village Creek Main Ditch" prior to 1965.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 7/61	8.25	360	1968	5/10/68	7.85	242	1975	3/28/75	9.44	760
1962	2/26/62	7.62	185	1969	1/29/69	8.73	450	1976	7/ 3/76	7.92	240
1963	5/26/63	6.69	54	1970	3/ 3/70	6.99	86	1977	3/28/77	8.69	510
1964	3/ 9/64	8.42	420	1971	2/12/71	7.29	130	1978	8/30/78	7.29	130
1965	7/ 9/65	9.61	870	1972	9/29/72	7.03	90	1979	12/ 3/78	8.20	325
1966	1/ 2/66	10.00	1,600	1973	4/19/73	8.54	430	1980	3/17/80	6.81	67
1967	5/13/67	7.39	145	1974	6/ 7/74	6.73	60	1981	8/16/81	6.70	57

07074855 Cypress Creek tributary near Augusta, Ark.

Location.--Lat 35°20'37", long 91°20'38", in SE 1/4 SE 1/4 sec.6, T.8 N., R.3 W., Woodruff County, at culvert on State Highway 33, 4.4 mi north of Augusta.

Drainage area.--5.54 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 248 ft³/s and by indirect measurement at 525 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	2/26/62	5.08	145	1969	1/30/69	6.04	740	1976	6/24/76	3.73	205
1963	3/ 5/63	4.46	131	1970	4/25/70	5.41	575	1977	6/27/77	3.78	210
1964	7/12/64	6.07	748	1971	12/22/70	4.06	265	1978	9/13/78	4.27	305
1965	6/24/65	4.96	460	1972	7/ 3/72	3.61	180	1979	4/ 2/79	5.76	665
1966	1/ 2/66	4.55	370	1973	3/10/73	4.67	390	1980	3/17/80	3.71	200
1967	8/ 3/67	4.04	260	1974	4/21/74	4.36	325	1981	6/ 6/81	4.17	285
1968	5/13/68	4.40	335	1975	3/28/75	4.45	345				

07074900 Trace Creek tributary near Marshall, Ark.

Location.--Lat 35°52'14", long 92°36'08", in NE 1/4 SW 1/4 sec.8, T.14 N., R.15 W., on left bank 21 ft upstream from culvert on U.S. Highway 65, 0.2 mile upstream from mouth, and 3.2 miles south of Marshall.

Drainage area.--0.26 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 6 ft³/s and by culvert measurements at 85 ft³/s and 208 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	9.96	208	1969	12/27/68	7.99	85	1977	3/28/77	9.44	145
1962			20	1970	9/18/70	8.39	110	1978	8/30/78	10.40	203
1963	5/26/63	7.00	25	1971	1/ 5/71	6.89	20	1979	5/12/79	9.71	162
1964	4/ 5/64	8.14	94	1972	7/ 3/72	7.92	53	1980	5/17/80	8.21	72
1965	11/19/64	7.89	80	1973	4/22/73	10.31	198	1981	5/10/81	7.87	50
1966	2/ 9/66	8.16	95	1974	11/24/73	10.50	208	1982	1/30/82	7.46	25
1967	3/ 6/67	7.81	74	1975	3/28/75	8.23	73	1983	12/ 3/82	11.89	288
1968	10/18/67	7.88	79	1976	4/19/76	8.97	117	1984	5/10/84	8.39	107

07074950 Tick Creek near Leslie, Ark.

Location.--Lat 35°51'30", long 92°26'24", in SW 1/4 NE 1/4 sec.14, T.14 N., R.14 W., on left wingwall 25 ft upstream from culvert on State Highway 66, 1.5 miles east of Oxy, and 7.0 miles east of Leslie.

Drainage area.--1.58 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 148 ft³/s and by culvert measurements at 806 ft³/s and 915 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	8.74	915	1969	12/27/68	8.06	625	1977	3/28/77	7.62	460
1962	1/ /62	6.09	72	1970	9/18/70	7.19	280	1978	5/ 7/78	7.28	320
1963	5/26/63	5.70	40	1971	1/ 3/71	5.99	50	1979	5/12/79	7.15	270
1964	4/ 5/64	7.24	320	1972	12/10/71	8.09	640	1980	12/24/79	6.87	180
1965	9/22/65	7.09	250	1973	4/22/73	9.94	1,380	1981	5/10/81	6.46	105
1966	4/23/66	7.39	350	1974	11/24/73	8.13	660	1982	1/30/82	7.42	365
1967	3/ 6/67	6.68	140	1975	3/28/75	7.63	460	1983	12/ 3/82	9.79	1,320
1968	10/18/67	7.39	350	1976	7/ 4/76	6.67	135				

07075000 Middle Fork Little Red River at Shirley, Ark.

Location.--Lat 35°39', long 92°18', in SW 1/4 sec.20, T.12 N., R.12 W., on right bank 1/2 mile downstream from Sugar Camp (or Weavers) Creek, 1 mile east of Shirley, and at mile 122.0.

Drainage area.--302 mi².

Gage.--Nonrecording prior to June 6, 1939; recording thereafter. Prior to July 16, 1952, 70 ft upstream at same datum. Datum of present gage is 483.12 ft above sea level. Recording gage at former site located on downstream side of railroad pier and subject to considerable drawdown. All crest stages subject to drawdown adjusted to nonrecording gage by stage-relation curve.

Stage-discharge relation.--Defined by current-meter measurements below 59,000 ft³/s and by indirect measurement at 241,000 ft³/s.

Bankfull stage.--19 ft.

Remarks.--Records furnished by Corps of Engineers and reviewed by Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1935	3/10/35	27.30	61,000	1954	5/ 2/54	21.13	29,000	1970	4/25/70	17.96	14,900
1939	4/17/39	19.50	16,800	1955	3/21/55	20.25	22,800	1971	10/14/70	15.48	9,560
1940	4/19/40	11.40	3,480	1956	2/ 2/56	17.95	15,300	1972	12/10/71	23.47	35,500
1941	1/ 1/41	14.22	7,770	1957	8/13/57	26.03	51,700	1973	4/22/73	25.70	47,600
1942	10/31/41	19.95	18,900	1958	5/ 9/58	17.89	15,000	1974	12/ 4/73	24.18	39,200
1943	5/11/43	27.15	60,700	1959	11/17/58	23.42	37,200	1975	3/28/75	22.85	32,400
1944	4/23/44	21.28	24,700	1960	11/ 4/59	23.57	36,200	1976	6/25/76	15.61	9,800
1945	3/30/45	24.60	43,200	1961	5/ 6/61	23.45	35,100	1977	3/28/77	26.23	48,300
1946	2/13/46	21.45	25,500	1962	2/26/62	16.31	11,100	1978	5/ 7/78	17.27	13,200
1947	12/10/46	19.58	19,000	1963	5/17/63	13.10	5,460	1979	3/ 3/79	21.16	26,900
1948	1/ 1/48	19.47	18,800	1964	3/10/64	25.01	43,700	1980	12/24/79	17.99	15,000
1949	1/24/49	31.00	101,000	1965	9/22/65	14.56	7,980	1981	3/29/81	13.25	5,700
1950	1/ 4/50	21.73	27,900	1966	2/10/66	21.80	27,700	1982	1/31/82	24.71	42,100
1951	2/20/51	19.73	20,000	1967	5/14/67	13.97	6,850	1983	12/ 3/82	37.53	241,000
1952	11/24/51	18.62	16,500	1968	3/21/68	21.24	25,400	1984	5/ 7/84	17.99	15,000
1953	11/25/52	21.26	27,900	1969	1/30/69	22.07	28,800				

07075300 South Fork Little Red River at Clinton, Ark.

Location.--Lat 35°35'29", long 92°27'20", in SW 1/4 sec.14, T.11 N., R.14 W., on downstream side of bridge on U.S. Highway 65 at Clinton, 1/4 mile upstream from Archey Fork, and at mile 23.7.

Drainage area.--148 mi².

Gage.--Nonrecording prior to October 1966; recording thereafter. Datum of gage is 481.11 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 24,100 ft³/s and indirect measurement at 67,900 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	2/26/62	16.19	6,910	1970	4/26/70	18.87	12,800	1978	9/13/78	16.98	8,770
1963	3/17/63	10.50	1,560	1971	10/27/70	16.07	7,720	1979	2/23/79	18.86	12,200
1964	3/ 9/64	24.00	24,300	1972	12/10/71	21.66	18,900	1980	12/24/79	17.11	9,000
1965	3/29/65	14.34	4,720	1973	4/23/73	19.35	13,800	1981	3/29/81	12.70	3,140
1966	2/10/66	19.00	10,600	1974	12/ 4/73	23.20	22,400	1982	1/31/82	21.04	17,100
1967	4/14/67	12.30	2,930	1975	3/28/75	21.53	18,600	1983	12/ 3/82	34.27	67,900
1968	5/14/68	19.50	14,200	1976	5/25/76	13.79	4,300	1984	5/ 3/84	15.59	6,590
1969	1/30/69	21.35	18,200	1977	3/28/77	26.43	32,700				

07075500 South Fork Little Red River near Clinton, Ark.

Location.--Lat 35°34', long 92°23', in NE 1/4 sec.29, T.11 N., R.13 W., on left bank 1 3/4 miles downstream from Pedee Creek, 4 1/2 miles southeast of Clinton, and 6 miles downstream from Archey Fork.

Drainage area.--316 mi².

Gage.--Nonrecording prior to July 14, 1939; recording thereafter. Datum of gage is 430.02 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 42,000 ft³/s.

Bankfull stage.--20 ft.

Historical data.--Maximum stage known prior to January 24, 1949, 25.2 ft, date unknown, from information by local residents.

Remarks.--Records furnished by Corps of Engineers and reviewed by Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	4/17/39	21.10	31,300	1947	12/12/46	18.00	20,700	1955	3/21/55	17.44	19,300
1940	5/ 1/40	10.67	5,770	1948	1/ 1/48	16.24	16,600	1956	2/ 2/56	16.06	16,300
1941	5/ 7/41	11.40	6,820	1949	1/24/49	26.55	54,900	1957	8/13/57	28.16	59,500
1942	10/31/41	18.40	20,800	1950	1/ 4/50	17.83	19,400	1958	11/18/57	17.84	19,500
1943	5/11/43	24.27	43,800	1951	2/20/51	14.25	11,400	1959	11/17/58	19.12	22,800
1944	4/23/44	21.01	30,900	1952	3/11/52	16.27	16,800	1960	5/20/60	17.15	18,100
1945	3/30/45	23.36	43,100	1953	11/25/52	19.55	25,300	1961	5/ 6/61	18.13	20,200
1946	2/13/46	20.10	27,300	1954	5/ 2/54	18.43	19,800				

07075600 Choctaw Creek tributary near Choctaw, Ark.

Location.--Lat 35°31'30", long 92°25'03", in SE 1/4 SW 1/4 sec.6, T.10 N., R.13 W., on right bank 26 ft upstream from culvert on State Highway 330, 0.2 mile upstream from mouth, and 1.4 miles east of Choctaw.

Drainage area.--1.36 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 73 ft³/s and by culvert measurements at 207 ft³/s, 337 ft³/s, and 1,760 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1964	5/11/64	10.81	337	1971	10/26/70	9.35	218	1978	11/ 2/77	9.04	195
1965	2/ 9/65	7.74	106	1972	12/10/71	9.10	198	1979	4/ 2/79	12.84	518
1966	4/23/66	9.74	249	1973	4/22/73	10.23	288	1980	6/19/80	7.93	105
1967	5/15/67	7.80	110	1974	6/ 8/74	13.60	597	1981	6/ 7/81	7.92	103
1968	5/13/68	11.20	368	1975	3/28/75	12.85	518	1982	1/31/82	9.58	237
1969	12/27/68	10.59	318	1976	6/24/76	7.75	90	1983	12/ 3/82	19.07	1,760
1970	4/19/70	10.11	278	1977	3/28/77	9.71	247	1984	5/ 8/84	8.01	130

07075800 Dill Branch tributary near Ida, Ark.

Location.--Lat 35°32'36", long 91°57'25", in E 1/2 sec. 33, T.11 N., R.9 W., on left bank 9 ft upstream from culvert on State Highway 25, 0.3 mile upstream from mouth, and 3.5 miles southwest of Ida.

Drainage area.--0.26 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 43 ft³/s and by culvert measurements at 32 ft³/s, 52 ft³/s, 79 ft³/s, and 230 ft³/s.

Remarks.--Only annual peaks are shown. Published as "Peter Creek tributary" prior to 1975.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1964	3/ 9/64	6.79	52	1971	7/23/71	6.68	48	1978	5/ 7/78	6.17	25
1965	11/19/64	6.34	32	1972	7/ 3/72	6.86	56	1979	4/ 2/79	9.96	230
1966	1/ 1/66	7.35	79	1973	3/10/73	9.64	216	1980	5/16/80	5.98	17
1967	12/27/66	5.88	15	1974	11/24/73	8.12	123	1981	5/26/81	5.82	11
1968	5/13/68	8.33	136	1975	3/28/75	8.65	155	1982	1/31/82	6.56	42
1969	1/30/69	6.88	57	1976	6/24/76	6.55	42	1983	12/ 3/82	9.61	215
1970	4/19/70	7.01	63	1977	3/28/77	7.33	78				

07076000 Little Red River near Haber Springs, Ark.

Location.--Lat 33°31'02", long 91°59'50", in NE 1/4 sec. 7, T.10 N., R.9 W., on right bank 1,600 ft downstream from Greers Ferry Dam, 3 miles northeast of Haber Springs, and at mile 78.8.

Drainage area.--1,153 mi².

Gage.--Norecording prior to December 15, 1938, at site 2 1/4 miles upstream at datum 8.97 ft higher than present datum; recording thereafter. December 14, 1938, to September 30, 1960, at site 1 3/4 miles upstream at datum 10.03 ft higher than present datum. Datum of present gage is 261.78 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records since July 1935 furnished by Corps of Engineers and reviewed by Geological Survey. Flow completely regulated since March 1962 by Greers Ferry Reservoir. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/ 0/27	44.00	78,900	1947	12/12/46	29.30	43,800	1966	7/12/66	16.38	8,430
1928	4/ 6/28	42.35	74,400	1948	1/ 1/48	27.66	39,600	1967	1/ 3/67	15.89	8,820
1929	2/26/29	29.10	41,100	1949	1/25/49	46.53	117,000	1968	12/22/67	16.34	8,360
1930	5/11/30	38.90	65,200	1950	1/ 5/50	32.51	53,700	1969	11/27/68	16.61	8,690
1931	10/ 8/30	24.45	28,500	1951	2/21/51	27.67	38,600	1970	1/12/70	16.67	8,770
1932	1/ 6/32	31.30	47,400	1952	3/11/52	28.18	40,100	1971	2/12/71	16.49	8,540
1933	5/16/33	38.00	62,900	1953	3/18/53	31.15	49,400	1972	1/ 7/72	16.27	8,270
1934	3/26/34	31.86	49,100	1954	5/ 3/54	29.76	45,000	1973	12/11/72	16.13	8,110
1935	5/ 5/35	42.00	73,300	1955	3/21/55	28.37	40,700	1974	9/30/74	16.21	8,200
1937	1/15/37	29.90	41,800	1956	2/18/56	28.37	40,700	1975	9/30/75	16.28	8,440
1938	2/18/38	41.90	73,100	1957	4/ 4/57	44.23	96,500	1976	10/ 8/75	16.51	8,710
1939	4/17/39	36.83	72,800		8/14/57	40.84	87,500	1977	10/20/76	16.55	8,760

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1940	5/ 1/40	17.55	17,300	1958	5/ 3/58	30.85	48,200	1978	1/16/78	16.33	8,450
1941	1/ 2/41	16.60	15,300	1959	11/17/58	31.47	50,400	1979	12/31/78	16.14	8,220
1942	4/ 9/42	32.37	57,900	1960	5/21/60	31.75	49,900	1980	9/ 8/80	16.20	8,290
1943	5/11/43	43.95	99,100	1961	5/ 7/61	40.00	66,000	1981	9/ 3/81	16.32	8,430
1944	4/23/44	33.08	53,600	1962	12/10/61	16.20	8,000	1982	1/12/82	16.38	8,510
1945	3/31/45	42.47	96,200	1963	1/11/63	5.44	273	1983	2/ 5/83	18.33	11,000
	6/11/45	40.77	88,900	1964	4/ 2/64	15.54	7,350	1984	9/11/84	16.35	8,470
1946	2/14/46	33.90	58,800	1965	9/14/65	16.84	8,940				

07076630 Key Branch near Searcy, Ark.

Location.--Lat 35°14'47", long 91°47'01", in NW 1/4 SW 1/4 sec.8, T.7 N., R.7 W., on right bank 23 ft upstream from culvert on State Highway 36, 1.0 mile upstream from mouth, and 2.8 miles west of Searcy.

Drainage area.--0.66 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 52 ft³/s and by culvert measurements at 244 ft³/s, 338 ft³/s, 457 ft³/s, and 573 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 6/61	5.77	244	1969	1/30/69	6.86	415	1977	3/28/77	5.71	185
1962	9/ 9/62	6.34	338	1970	8/ 9/70	5.70	200	1978	11/ 1/77	4.97	75
1963	3/ 4/63	5.49	204	1971	4/23/71	5.65	173	1979	9/21/79	6.11	265
1964	3/ 9/64	5.88	262	1972	5/ 1/72	6.48	335	1980	4/ 8/80	6.49	337
1965	9/11/65	5.46	195	1973	3/10/73	6.54	348	1981	5/26/81	6.50	340
1966	8/20/66	7.07	457	1974	11/24/73	7.79	573	1982	6/16/82	6.34	295
1967	5/31/67	5.37	125	1975	3/28/75	7.11	442				
1968	5/10/68	6.86	415	1976	6/24/76	6.35	300				

07076820 Gum Springs Creek near Higginson, Ark.

Location.--Lat 35°12'04", long 91°43'56", on east line NE 1/4 SE 1/4 sec.27, T.7 N., R.7 W., on right bank 30 ft downstream from bridge on U.S. Highway 67, just south of junction with U.S. Highway 67C south of Searcy, 0.5 mile downstream from tributary, 1.0 mile upstream from tributary, and 1.2 miles northwest of Higginson.

Drainage area.--5.00 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from November 1967 to July 13, 1970.

Stage-discharge relation.--Defined by current-meter measurements below 1,100 ft³/s and by contracted-opening measurements at 1,460 ft³/s and 1,880 ft³/s.

Remarks.--Only annual peaks are shown. Published as "Glade Creek" prior to 1964.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 6/61	9.51	765	1968	5/10/68	11.24	1,150	1975	7/ 3/75	9.87	630
1962	9/ 9/62	11.38	1,460	1969	1/30/69	11.77	1,880	1976	6/24/76	9.83	625
1963	3/ 5/63	9.10	600	1970	4/25/70	10.82	950	1977	7/10/77	10.37	1,040
1964	3/ 9/64	11.01	1,050	1971	8/22/71	9.27	370	1978	11/ 1/77	9.28	370
1965	9/11/65	9.60	730	1972	5/ 1/72	8.62	225	1979	5/ 4/79	10.15	860
1966	8/13/66	11.08	1,100	1973	3/10/73	9.94	675	1980	4/ 8/80	10.50	1,230
1967	5/ 7/67	9.45	675	1974	11/24/73	10.25	950	1981	5/26/81	9.45	450

07076850 Cypress Bayou near Beebe, Ark.

Location.--Lat 35°01'30", long 91°52'23", in SW 1/4 SW 1/4 sec.28, T.5 N., R.8 W., on downstream side of bridge on State Highway 31, 2.1 miles downstream from Mill Creek, and 3.2 miles south of Beebe.

Drainage area.--166 mi².

Gage.--Recording. Datum of gage is 194.54 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 15,000 ft³/s.

Bankfull stage.--10 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	2/28/62	12.97	6,640	1967	3/ 8/67	12.02	2,590	1972	5/ 2/72	12.68	4,780
1963	3/ 6/63	12.01	2,860	1968	5/12/68	14.27	10,800	1973	4/24/73	13.08	7,080
1964	3/10/64	13.88	11,900	1969	1/30/69	16.09	21,000	1974	6/ 8/74	13.94	9,260
1965	1/11/65	12.67	5,410	1970	4/27/70	12.13	3,550	1975	3/29/75	14.04	9,700
1966	1/ 3/66	13.25	8,110	1971	2/14/71	11.46	1,270	1976	6/26/76	12.94	5,610

07076870 Pigeon Roost Creek at Butlerville, Ark.

Location.--Lat 34°58'36", long 91°50'38", in NW 1/4 NE 1/4 sec. 15, T.4 N., R.8 W., near left bank on downstream side of bridge on State Highway 38, 0.1 mile upstream from small tributary, and 0.6 mile west of Butlerville.

Drainage area.--23.0 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 3,600 ft³/s and by contracted-opening measurement at 7,400 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/30/61		1,200	1969	1/30/69	12.30	7,400	1977	6/27/77	9.70	825
1962	1/22/62	10.47	1,950	1970	12/29/69	10.59	2,000	1978	5/ 7/78	10.39	1,650
1963	5/ 6/63	8.71	228	1971	12/22/70	10.13	1,300	1979	4/23/79	10.75	2,270
1964	3/ 9/64	11.84	5,000	1972	12/ 9/71	9.10	410	1980	3/17/80	10.22	1,400
1965	2/11/65	11.12	3,300	1973	4/22/73	11.42	4,000	1981	5/26/81	10.42	1,800
1966	4/26/66	10.19	1,500	1974	4/21/74	12.62	8,800	1982	4/ 2/82	10.73	2,250
1967	3/ 7/67	10.33	1,700	1975	9/20/75	10.22	1,400	1983	12/24/82	11.70	5,000
1968	5/14/68	10.81	2,600	1976	3/ 8/76	9.85	960	1984	5/ 3/84	10.54	1,800

07077000 White River at DeValls Bluff, Ark.

Location.--Lat 34°47'25", long 91°26'45", in SE 1/4 sec.17, T.2 N., R.4 W., on downstream side of bridge on U.S. Highway 70, 1 mile northeast of DeValls Bluff, 7.5 miles downstream from Wattensaw Bayou, 24.1 miles upstream from Cache River, and at mile 125.3.

Drainage area.--23,483 mi².

Gage.--Nonrecording prior to December 22, 1933; recording thereafter. Datum of gage is 152.93 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 220,000 ft³/s.

Bankfull stage.--20 ft.

Historical data.--Maximum stage known, 34.6 ft April 23, 1927, from information by U.S. Weather Bureau.

Remarks.--Prior to 1948, a large part of floodflows bypassed the station and overflowed into Cache River. Peak flows affected since 1943 by regulation by Norfolk Reservoir on North Fork River, since 1948 by Clearwater Reservoir on Black River, since 1951 by Bull Shoals Reservoir, since 1956 by Table Rock Reservoir, since 1962 by Greers Ferry Reservoir on Little Red River, and since 1964 by Beaver Reservoir; total capacity at top of designated flood-control pools, 16,062,700 acre-ft. Only annual peaks are shown.

07077000 White River at Devalls Bluff, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/23/27	34.60		1941	5/ 1/41	22.22	56,900	1958	5/15/58	26.06	101,000
1928	6/28/28	28.50	140,000	1942	4/19/42	24.60	86,100	1959	2/19/59	21.92	53,600
1929	5/19/29	26.80	113,000	1943	5/19/43	27.98	131,000	1960	5/29/60	22.78	62,000
1930	1/22/30	26.80	113,000	1944	5/ 8/44	23.06	63,300	1961	5/15/61	27.40	126,000
1931	2/25/31	22.60	54,200	1945	4/ 3/45	30.30a	146,000	1962	3/ 5/62	22.38	58,100
1932	1/30/32	25.70	96,600	1949	2/ 3/49	31.35	220,000	1963	3/14/63	17.83	31,200
1933	5/25/33	26.90	114,000	1950	1/20/50	28.42	154,000	1964	3/20/64	23.66	71,700
1934	4/ 2/34	24.80	83,600	1951	3/ 3/51	25.07	94,900	1965	2/15/65	20.86	46,200
1935	3/19/35	28.04	132,000	1952	12/ 8/51	24.02	82,000	1966	5/ 3/66	25.71	96,100
1936	12/15/35	20.42	37,100	1953	3/25/53	24.02	82,000	1967	5/22/67	19.51	38,400
1937	1/23/37	29.20	151,000	1954	5/ 7/54	22.08	58,100	1968	5/18/68	25.60	98,700
1938	2/25/38	28.42a	134,000	1955	3/27/55	22.42	58,000	1969	2/ 6/69	28.12	132,000
1939	4/27/39	26.08	102,000	1956	2/24/56	24.17	77,400	1970	5/ 4/70	24.51	79,300
1940	4/25/40	23.10	60,100	1957	5/ 4/57	27.47	117,000				

07077100 Big Creek near Boydsville, Ark.

Location.--Lat 36°22'12", long 90°19'50", in SE 1/4 NW 1/4 sec.16 T.20 N., R.7 E., on right bank 120 ft upstream from bridge on county road, 300 ft upstream from tributary, 0.5 mile south of Crockett, and 4.0 miles northeast of Boydsville.

Drainage area.--12.9 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 94 ft³/s and by contracted-opening measurements at 1,840 ft³/s and 3,260 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	9/14/62	16.85	3,420	1969	3/24/69	17.69	4,000	1976	6/24/76	17.68	3,800
1963	3/ 4/63	13.60	1,960	1970	4/25/70	14.76	2,450	1977	9/25/77	15.27	2,700
1964	4/ 5/64	16.11	3,080	1971	1/ 3/71	10.54	910	1978	7/11/78	14.32	2,270
1965	9/11/65	16.30	3,170	1972	5/ 1/72	15.55	2,820	1979	12/ 3/78	18.59	4,950
1966	4/23/66	18.85	5,300	1973	4/19/73	19.14	5,700	1980	8/14/80	14.13	2,250
1967	5/13/67	15.42	2,750	1974	12/ 4/73	12.85	1,700	1981	6/ 6/81	11.03	1,050
1968	5/10/68	17.91	4,100	1975	3/28/75	18.14	4,180				

07077200 Big Creek tributary near Boydsville, Ark.

Location.--Lat 36°22'32", long 90°19'56", in SE 1/4 SW 1/4 sec.9, T.20 N., R.7 E., on left bank 22 ft upstream from culvert on county road, 0.1 mile west of Crockett, 0.5 mile upstream from mouth, and 4.1 miles northeast of Boydsville.

Drainage area.--1.58 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 89 ft³/s and by culvert measurements at 193 ft³/s, 427 ft³/s, and 735 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	4/30/62	7.97	427	1970	4/25/70	7.02	305	1978	5/ 7/78	6.54	240
1963	3/ 4/63	6.01	172	1971	2/12/71	6.59	248	1979	12/ 3/78	9.44	785
1964	4/ 5/64	8.35	479	1972	5/ 1/72	6.93	292	1980	3/17/80	6.92	290
1965	9/11/65	7.77	400	1973	4/19/73	9.13	590	1981	6/ 6/81	5.93	160
1966	4/23/66	9.17	735	1974	5/15/74	6.52	240	1982	1/31/82	6.99	295
1967	5/13/67	8.47	495	1975	3/28/75	8.39	485	1983	12/ 3/82	9.32	653
1968	5/10/68	7.97	427	1976	6/24/76	8.07	440	1984	5/ 8/84	9.65	730
1969	4/24/69	7.63	383	1977	3/28/77	5.94	163				

07077340 Sugar Creek tributary near Walcott, Ark.

Location.--Lat 36°04'26", long 90°36'55", in NW 1/4 SW 1/4 sec.25, T.17 N., R.4 E., on left bank 45 ft upstream from culvert on State Highway 25, 1.0 mile upstream from mouth, 3.2 miles east of junction of State Highways 25 and 141, and 3.9 miles northeast of Walcott.

Drainage area.--0.68 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from November 1968 to November 6, 1974.

Stage-discharge relation.--Defined by culvert measurements at 205 ft³/s, 369 ft³/s, and 1,000 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	3/ 4/63	6.67	205	1971	2/21/71	7.80	312	1979	4/ 2/79	8.71	405
1964	3/ 9/64	8.39	369	1972	5/ 1/72	6.03	145	1980	5/23/80	5.81	125
1965	7/10/65	9.76	510	1973	4/19/73	13.62	1,000	1981	10/17/80	5.42	92
1966	1/ 2/66	8.06	338	1974	11/24/73	10.25	560	1982	8/24/82	7.30	283
1967	7/ 5/67	8.19	350	1975	9/12/75	9.18	452	1983	5/15/83	8.27	357
1968	4/19/68	8.69	402	1976	7/ 4/76	7.27	260	1984	5/ 7/84	7.54	290
1969	4/ 9/69	6.87	225	1977	9/25/77	7.65	298				
1970	4/23/70	5.85	130	1978	5/ 7/78	5.15	70				

07077380 Cache River at Egypt, Ark.

Location.--Lat 35°51'28", long 90°56'00", in NW 1/4 SE 1/4 sec.12, T.14 N., R.1 E., on right bank on downstream side of bridge on State Highway 91, 1.0 mile southeast of Egypt, 2.2 miles northwest of Winesburg, and at mile 143.

Drainage area.--701 mi².

Gage.--Nonrecording prior to October 29, 1964; recording thereafter. Datum of gage is 222.99 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 8,200 ft³/s. Measurements made occasionally by Corps of Engineers prior to that date (maximum measured, 7,720 ft³/s).

Remarks.--Gage-height records prior to October 1, 1964, furnished by Corps of Engineers. After October 1, 1964, gage operated by U.S. Geological Survey. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1938	2/22/38	21.30	6,860	1962	3/ 6/62	19.13	4,780	1974	11/28/73	20.69	5,900
1939	2/11/39	19.30	4,940	1963	3/11/63	15.90	3,280	1975	4/ 1/75	21.12	6,850
1940	4/20/40	15.70	2,800	1964	3/15/64	20.64	6,210	1976	2/21/76	17.76	3,370
1953	3/19/53	18.80	5,360	1965	2/12/65	17.87	3,420	1977	3/29/77	17.13	3,150
1954	2/21/54	15.00	2,820	1966	1/ 6/66	21.88	8,940	1978	5/ 8/78	17.61	3,310
1955	3/22/55	17.30	3,890	1967	7/ 6/67	16.60	2,900	1979	4/ 5/79	21.23	7,620
1956	2/19/56	18.40	4,840	1968	5/16/68	19.60	4,260	1980	12/25/79	15.82	2,620
1957	5/15/57	19.30	5,490	1969	2/ 1/69	20.36	4,750	1981	2/11/81	16.35	3,390
1958	11/23/57	21.10	8,060	1970	12/31/69	18.19	3,590	1982	2/ 3/82	18.82	4,790
1959	2/16/59	16.70	3,930	1971	12/23/70	17.75	3,360	1983	12/30/82	19.44	5,270
1960	5/22/60	16.30	3,500	1972	5/ 2/72	17.77	3,370	1984	5/11/84	19.16	4,320
1961	5/17/61	17.29	4,230	1973	4/26/73	21.57	8,010				

07077430 Willow Ditch near Egypt, Ark.

Location.--Lat 35°56'29", long 90°56'33", in SW 1/4 SW 1/4 sec.12, T.15 N., R.1 E., on left bank 8 ft upstream from culvert on State Highway 91 and 5.1 miles north of Egypt.

Drainage area.--0.48 mi², approximately.

Gage.--Crest-stage gage. Supplementary dual-digital recorders from June 1969 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 31 ft³/s and by culvert measurements at 26 ft³/s, 101 ft³/s, and 157 ft³/s.

Remarks.--Only annual peaks are shown.

07077430 Willow Ditch near Egypt, Ark.—Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	5/27/63	4.33	17	1971	5/13/71	5.42	32	1979	4/ 2/79	6.25	148
1964	3/ 9/64	6.19	101	1972	4/30/72	4.87	25	1980	3/17/80	3.83	12
1965	3/29/65	5.30	31	1973	4/22/73	6.11	68	1981	5/26/81	3.99	14
1966	1/ 1/66	6.26	157	1974	11/24/73	4.86	24	1982	8/15/82	5.02	27
1967	6/29/67	4.59	20	1975	3/28/75	6.20	108	1983	12/ 3/82	5.03	28
1968	5/13/68	5.42	33	1976	5/28/76	5.02	27	1984	12/ 3/83	4.61	22
1969	1/30/69	5.62	35	1977	3/28/77	6.11	75				
1970	9/18/70	5.56	34	1978	8/30/78	5.31	31				

07077500 Cache River at Patterson, Ark.

Location.—Lat 35°16'10", long 91°14'15", in SE 1/4 sec. 31, T.8 N., R.2 W., at bridge on U.S. Highway 64, 1 mile northwest of Patterson, 10.9 miles upstream from Maple Slough, and at mile 77.2.

Drainage area.—1,037 mi².

Gage.—Nonrecording prior to October 6, 1949; recording thereafter. Prior to October 3, 1966, at or within 1,000 ft of old U.S. Highway 64 crossing 1.4 miles downstream. Prior to 1931 and since January 1, 1950, at datum 182.96 ft above sea level. January 1937 to December 31, 1950, at mean Gulf level or 0.24 feet below sea level. All gage heights adjusted to present datum.

Stage-discharge relation.—Defined by current-meter measurements below 12,000 ft³/s since 1931. Peak discharge for earlier years computed from rating curve defined since 1931.

Bankfull stage.—9 ft.

Remarks.—Peak flow of 1927 affected by White River overflow. Records since January 1937 furnished by Corps of Engineers. Gage-height records from 1916 to 1931 from publications of U.S. Weather Bureau. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1921	4/18/21	9.70	5,100	1945	4/21/45	12.10	10,200	1964	3/13/64	10.28	7,460
1922	4/ 1/22	10.30	6,600	1946	5/27/46	10.30	6,020	1965	4/11/65	9.25	5,230
1923	2/ 3/23	10.80	8,000	1947	4/17/47	9.50	4,360	1966	1/14/66	11.06	9,210
1924	6/ 6/24	9.70	5,100	1948	3/ 6/48	9.85	5,560	1967	7/ 7/67	9.70a	3,290
1925	10/22/24	10.50	7,200	1949	1/31/49	11.30	10,400	1968	5/17/68	10.56	6,010
1926	10/22/25	10.50	7,200	1950	2/15/50	11.65	11,600	1969	2/ 1/69	12.06	10,200
1927	4/19/27	16.10	24,500	1951	2/22/51	9.30	5,370	1970	5/ 2/70	10.59	5,400
1928	6/27/28	11.80	12,100	1952	1/ 8/52	10.40	8,530	1971	12/29/70	10.02	3,930
1929	5/16/29	10.30	6,340	1953	3/24/53	10.65	8,640	1972	5/ 9/72	9.77	3,380
1930	1/15/30	11.50	10,800	1954	5/ 4/54	8.85a	3,880	1973	5/ 3/73	11.62	8,340
1931	2/19/31	8.70	2,400	1955	3/24/55	9.76	5,720	1974	12/ 6/73	0.00	7,500
1937	1/24/37	13.20	13,200	1956	2/19/56	10.98	9,250	1975	3/31/75	11.41	8,600
1938	2/24/38	11.90	10,100	1957	5/25/57	11.48	11,200	1976	2/24/76	9.98	4,200
1939	2/ 7/39	10.90	7,320	1958	11/22/57	12.00	10,900	1977	4/ 3/77	9.80	3,400
1940	4/21/40	9.95	5,380	1959	2/23/59	9.60	5,320	1978	3/15/78	0.00	4,770
1941	2/ 3/41	8.70	2,820	1960	5/28/60	8.80	4,810	1979	4/ 3/79	0.00	11,100
1942	4/14/42	10.15a	6,200	1961	4/ 2/61	10.00	7,550	1980	12/30/79	9.80	3,720
1943	5/18/43	10.30	6,060	1962	3/ 2/62	10.25	7,690				
1944	4/13/44	9.70	4,760	1963	3/13/63	8.80	4,160				

07077680 Threemile Creek near Amagon, Ark.

Location.—Lat 35°33'42", long 91°01'25", in NW 1/4 NE 1/4 sec.30, T.11 N., R.1 E., near right bank on downstream side of bridge on State Highway 14, 4.8 miles east of Amagon.

Drainage area.—7.93 mi², approximately.

Gage.—Crest-stage gage.

Stage-discharge relation.—Defined by current-meter measurements.

Remarks.—Only annual peaks are shown.

07077680 Threemile Creek near Amagon, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 6/61	4.98	130	1968	5/13/68	4.22	350	1975	3/28/75	4.98	420
1962	9/ 9/62	5.42	220	1969	1/30/69	5.00	422	1976	6/18/76	3.37	112
1963	5/28/63	4.58	158	1970	12/29/69	3.89	318	1977	6/27/77	3.94	325
1964	3/10/64	4.85	180	1971	7/24/71	4.48	375	1978	9/13/78	4.17	345
1965	2/11/65	4.65	390	1972	9/29/72	3.63	295	1979	4/ 2/79	4.48	375
1966	1/ 3/66	3.61	295	1973	11/ 1/72	4.19	345	1980	7/22/80	3.51	285
1967	12/28/66	3.51	285	1974	11/24/73	4.52	375				

07077700 Bayou DeVille at Morton, Ark.

Location.--Lat 35°15'07", long 91°06'37", near corner of secs.4, 5, 8, and 9, T.7 N., R.1 W., at bridge on U.S. Highway 64, 1 mile west of Morton, and at mile 39.6.

Drainage area.--422 mi².

Gage.--Nonrecording prior to November 8, 1949; recording thereafter. Prior to January 1, 1952, at datum 0.76 ft below sea level. Datum of present gage is 187.71 ft above sea level. All gage heights adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 4,900 ft³/s and extended above by logarithmic plotting.

Bankfull stage.--16 ft.

Remarks.--Records furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1933	4/ 5/33	16.00		1951	12/ 8/50	16.60a	3,060	1966	5/ 4/66	17.80a	3,750
1935	3/24/35	15.88		1952	1/13/52	17.52	4,100	1967	1/ 1/67	17.15	2,180
1937	1/26/37	18.57		1953	3/20/53	17.68	3,940	1968	5/18/68	17.90	3,230
1939	2/10/39	16.80	4,150	1954	1/21/54	17.33	2,700	1969	2/ 6/69	18.40	5,280
1940	4/21/40	16.00	2,870	1955	3/28/55	17.49	2,820	1970	5/ 2/70	17.99	3,370
1941	1/28/41		1,420	1956	2/25/56	17.92	6,340	1971	12/26/70		2,260
1942	4/14/42	16.20a	3,480	1957	5/29/57	17.80	3,450	1972	5/ 4/72	17.23a	1,460
1943	3/20/43	16.00	2,790	1958	11/23/57	18.23	6,700	1973	5/ 2/73	18.75	4,480
1944	4/13/44	16.70	3,710	1959	2/16/59	17.64	3,190	1974	6/11/74	18.05	2,830
1945	6/21/45	16.60	3,800	1960	1/18/60	16.87	1,750	1975	3/30/75	18.08a	2,890
1946	1/15/46	16.50	3,780	1961	4/ 4/61	17.55a	2,690	1976	6/29/76	17.57a	2,490
1947	4/13/47	16.20	2,800	1962	3/ 3/62	17.93	3,190	1977	3/ 6/77	17.38	1,700
1948	3/ 4/48	16.50	3,710	1963	3/ 9/63	17.49	2,610	1980	3/21/80	17.55a	2,070
1949	3/30/49	16.80a	4,430	1964	3/17/64	17.96	4,180				
1950	1/17/50	17.16	5,300	1965	2/14/65	17.71	3,500				

07077800 White River at Clarendon, Ark.

Location.--Lat 34°41'08", long 91°18'55", in W 1/2 sec.22, T.1 N., R.3 W., on St. Louis Southwestern Railroad bridge at Clarendon, 1.1 miles downstream from Cache River, and at mile 100.1.

Drainage area.--25,555 mi².

Gage.--Nonrecording. Datum of gage is 139.91 ft above sea level or 140.02 ft above mean Gulf level.

Stage-discharge relation.--Defined by current-meter measurements below 297,000 ft³/s.

Bankfull stage.--23 ft.

Remarks.--Records furnished by Corps of Engineers. Floodflow regulated to some extent since June 1943. See Remarks for White River at DeValls Bluff. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1885	1/ 8/85	33.58		1920	4/ 9/20	29.60		1953	3/28/53	29.31	92,100
1886	5/ 4/86	29.20		1921	5/10/21	30.75		1954	5/11/54	26.07	54,700
1887	3/22/87	27.90		1922	4/18/22	30.72		1955	4/ 2/55	27.00	62,200
1888	4/ 8/88	25.70		1923	6/ 3/23	30.36		1956	2/26/56	29.05	80,700
1889	4/11/89	29.10		1924	6/23/24	26.95		1957	5/ 6/57	31.20	120,000

07077800 White River at Clarendon, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1890	3/20/90	36.63		1925	3/ 3/25	22.50		1958	5/16/58	30.50	115,400
1891	3/19/91	29.10		1926	10/28/25	28.35		1959	2/21/59	26.60	58,700
1892	5/27/92	32.65		1927	4/23/27	43.30	395,000	1960	6/ 2/60	27.55	64,600
1893	5/11/93	33.95		1928	6/30/28	34.90	230,000	1961	5/17/61	31.00	129,000
1894	2/20/94	30.80		1929	5/24/29	31.30	156,000	1962	3/12/62	27.90	70,600
1895	7/24/95	24.20		1930	1/23/30	30.98	135,000	1963	3/19/63	22.80a	35,200
1896	1/ 5/96	28.20		1931	2/26/31	26.95	56,900	1964	3/22/64	28.60	84,000
1897	4/14/97	32.40		1932	1/30/32	30.38	105,000	1965	2/18/65	26.10	51,000
1898	4/ 5/98	35.47		1933	5/27/33	30.97	124,000	1966	5/ 5/66	30.30	107,000
1899	5/21/99	29.55		1934	4/ 5/34	29.78a	106,000	1967	5/23/67	24.20	40,000
1900	3/16/ 0	25.45		1935	3/25/35	33.70	179,000	1968	5/20/68	30.00	119,000
1901	3/26/ 1	29.75		1936	12/18/35	23.00	34,200	1969	2/ 8/69	32.00	150,000
1903	3/20/ 3	32.63		1937	1/27/37	35.75a	215,000	1970	5/ 7/70	29.20	90,600
1904	4/ 8/ 4	29.60		1938	2/28/38	35.05a	203,000	1971	12/31/70		47,100
1905	6/ 3/ 5	29.90		1939	4/28/39	30.75	119,000	1972	5/13/72	26.33	50,800
1906	4/ 6/ 6	33.10		1940	4/28/40	27.75	67,800	1973	5/ 3/73	34.97	191,000
1907	5/18/ 7	34.20		1941	5/ 3/41	26.10	50,400	1974	12/10/73	31.41	133,000
1908	5/25/ 8	30.70		1942	4/22/42	29.28	94,200	1975	4/ 5/75	32.85	159,000
1909	3/21/ 9	28.90		1943	5/27/42	35.25a	147,000	1976	7/ 2/76	25.47	45,300
1911	4/27/11	29.02		1944	5/ 9/44	27.80	69,800	1977	4/ 9/77	29.44	93,400
1912	4/14/12	32.60		1945	4/23/45	39.10a	299,000	1978	4/25/78		59,000
1913	4/15/13	30.35		1946	6/ 4/46	31.40	132,000	1979	4/ 9/79		137,000
1914	5/15/14	27.00		1947	12/24/46	28.60	89,200	1980	4/15/80		50,400
1915	9/ 2/15	33.02		1948	3/10/48	28.55a	75,400	1981	6/ 9/81	24.20a	31,500
1916	2/ 7/16	38.43		1949	2/ 4/49	35.32a	211,000	1982	2/16/82	28.50	79,200
1917	4/20/17	27.57		1950	1/21/50	33.55a	157,000	1983	12/15/82	32.85	179,000
1918	5/27/18	30.40		1951	3/ 6/51	29.95	104,000				
1919	1/ 8/19	28.50		1952	1/15/52	28.85	83,500				

07077860 Boat Gunwale Slough tributary near Holly Grove, Ark.

Location.--Lat 34°36'18", long 91°10'12", in SE 1/4 SW 1/4 sec.13, T.1 S., R.2 W., on right bank 15 ft upstream from State Highway 86, 1,500 ft upstream from small tributary, and 1.8 miles northeast of Holly Grove.

Drainage area.--10.0 mi², approximately.

Gage.--Crest-stage gage. Supplementary dual-digital recorders from November 1968 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	12/16/61	9.26	465	1970	12/29/69	8.54	330	1978	1/25/78	9.24	350
1963	5/27/63	7.30	138	1971	12/21/70	7.37	135	1979	12/ 4/78	10.04	402
1964	4/ 5/64	9.73	558	1972	12/10/71	6.90	70	1980	3/17/80	10.20	420
1965	2/11/65	9.23	460	1973	12/10/72	9.86	540	1981	5/26/81	9.54	365
1966	2/ 9/66	9.33	480	1974	11/27/73	9.23	420	1982	2/ 9/82	8.63	285
1967	5/ 6/67	7.73	200	1975	3/13/75	9.32	435	1983	4/ 8/83	9.33	349
1968	5/13/68	8.99	414	1976	3/ 8/76	8.14	225				
1969	1/30/69	7.97	235	1977	10/25/76	9.10	330				

07077920 Big Creek at Goodwin, Ark.

Location.--Lat 34°56'22", long 91°00'55", in NE 1/4 NE 1/4 sec.29, T.4 N., R.1 E., near right bank on downstream side of bridge on U.S. Highway 70, 0.3 mile east of Goodwin, and 0.8 mile upstream from Hog Tusk Creek.

Drainage area.--31.1 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

07077920 Big Creek at Goodwin, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/31/61	8.78	310	1969	1/30/69	9.01	440	1977	9/14/77	9.18	450
1962	2/27/62	9.83	910	1970	8/11/70	9.15	520	1978	1/25/78	9.58	690
1963	4/29/63	7.59	88	1971	7/27/71	8.75	290	1979	12/ 8/78	9.65	730
1964	4/24/64	9.39	660	1972	12/10/71	9.30	530	1980	3/17/80	9.25	490
1965	2/11/65	9.51	730	1973	4/19/73	9.73	780	1981	5/26/81	9.33	540
1966	4/26/66	9.62	790	1974	6/ 7/74	9.47	620	1982	5/25/82	9.07	390
1967	7/ 6/67	8.90	380	1975	3/13/75	9.79	810	1983	5/15/83	9.64	725
1968	5/13/68	9.66	815	1976	3/29/76	8.67	240	1984	5/ 3/84	9.63	750

07077940 Spring Creek near Aubrey, Ark.

Location.--Lat 34°41'16", long 90°53'45", in SW 1/4 SE 1/4 sec.16, T.1 N., R.2 E., on downstream side of bridge on State Highway 121, 1.0 mile downstream from Cat Creek, 1.8 miles upstream from mouth, and 2.1 miles south of Aubrey.

Drainage area.--38.0 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	1/22/62	13.02	1,040	1969	1/30/69	12.93	1,050	1976	5/29/76	13.19	1,130
1963	3/11/63	10.79	560	1970	3/ 3/70	14.16	1,420	1977	3/ 3/77	13.50	1,230
1964	4/ 4/64	15.43	1,820	1971	2/12/71	11.86	775	1978	1/25/78	13.17	1,130
1965	3/25/65	14.45	1,500	1972	9/29/72	10.66	530	1979	5/ 4/79	15.34	1,800
1966	2/ 9/66	15.28	1,750	1973	4/19/73	15.87	2,020	1980	7/22/80	16.03	2,100
1967	5/ 6/67	14.99	1,670	1974	5/15/74	15.17	1,720	1981	5/26/81	14.79	1,600
1968	3/21/68	15.59	1,920	1975	3/13/75	13.42	1,200				

07077950 Big Creek at Poplar Grove, Ark.

Location.--Lat 34°33'20", long 90°50'44", in sec.1, T.2 S., R.2 E., Phillips County, near right bank on downstream side of bridge on U.S. Highway 49, at Poplar Grove, 900 ft upstream from Crooked Creek, and 3.9 mi east of Marvel.

Drainage area.--448 mi², includes that of Crooked Creek. Area at site used prior to September 30, 1972, 459 mi².

Gage.--Water-stage recorder. Datum of gage is 143.00 ft above sea level. Auxiliary water-stage recorder 7.0 mi downstream at same datum. Prior to February 6, 1978, auxiliary water-stage recorder at site 8.7 downstream at same datum. October 1970 to September 1972, the downstream site was used as the base gage. The auxiliary gage was removed on December 28, 1981.

Stage-discharge relation.--Defined by current-meter measurements below 5,100 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1971	2/25/71	22.22a	1,130	1976	3/10/76	28.06	2,430	1981	6/ 8/81	29.53	3,160
1972	12/22/71	17.90a	808	1977	3/13/77	27.44	1,980	1982	2/10/82	28.10	1,820
1973	4/23/73	31.74	5,910	1978	5/13/78	29.69a	2,800	1983	5/21/83	31.18	5,030
1974	5/16/74	30.42	4,000	1979	3/ 3/79	30.37	3,750	1984	5/ 8/84	30.31	4,280
1975	3/13/75	30.50	4,200	1980	3/24/80	30.20	4,320				

07078000 LaGrue Bayou near Stuttgart, Ark.

Location.--Lat 34°31'55", long 91°21'20", in NW 1/4 sec.17, T.2 S., R.3 W., on downstream side of bridge on State Highway 146, 7 1/2 miles downstream from small tributary, 11 miles east of Stuttgart, and 24 miles upstream from Little LaGrue Bayou.

Drainage area.--175 mi².

Gage.--Nonrecording prior to September 13, 1940; recording thereafter. Datum of gage is 175.14 ft above mean Gulf level (Corps of Engineers benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 3,000 ft³/s and extended above by velocity-area studies.

Bankfull stage.--10 ft.

Remarks.--Flow affected by diversions for irrigation of rice fields and return flow from irrigated areas. Peak discharge not seriously affected. Gage was discontinued September 30, 1954, due to backwater from local dam.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1936	7/ 5/36	11.40	1,210	1943	3/16/43	12.94	1,930	1950	1/14/50	14.00	3,090
1937	1/24/37	16.90	6,580	1944	3/31/44	12.63	1,740	1951	1/15/51	14.36	3,530
1938	1/25/38	14.74	3,660	1945	1/ 1/45	14.22	3,310	1952	12/14/51	12.10	1,410
1939	2/ 4/39	14.95	4,210	1946	1/ 9/46	14.66	3,860	1953	5/17/53	14.17	3,310
1940	2/22/40	10.71	850	1947	1/21/47	10.97	960	1954	1/17/54	12.33	1,620
1941	4/25/41	9.44	592	1948	2/16/48	14.83	3,970				
1942	4/13/42	13.28	2,340	1949	1/28/49	14.45	3,530				

07078170 Little LaGrue Bayou tributary near DeWitt, Ark.

Location.--Lat 34°19'58", long 91°24'06", on east line of NE 1/4 NE 1/4 sec.26, T.4 S., R.4 W., on left bank 20 ft upstream from bridge on county road, 4.5 miles northwest of DeWitt.

Drainage area.--1.51 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 134 ft³/s and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/30/61	8.60	167	1968	5/13/68	9.58	234	1975	3/13/75	8.84	182
1962	11/22/61	8.86	183	1969	1/30/69	8.83	180	1976	3/ 8/76	8.55	152
1963	4/28/63	8.77	177	1970	3/ 3/70	8.88	185	1977	3/ 3/77	8.81	170
1964	4/ 5/64	9.25	210	1971	12/20/70	7.25	92	1978	1/25/78	8.94	187
1965	3/29/65	8.99	192	1972	7/29/72	5.79	30	1979	5/ 4/79	9.52	223
1966	2/ 9/66	8.78	178	1973	4/19/73	10.14	270	1980	11/22/79	9.45	218
1967	5/ 6/67	8.25	145	1974	5/15/74	9.27	205				

07078210 Tarleton Creek tributary at Ethel, Ark.

Location.--Lat 34°18'02", long 91°09'45", in NW 1/4 SE 1/4 sec.31, T.4 S., R.1 W., on right bank 12 ft upstream from culvert on State Highway 17, 0.6 mile upstream from mouth, and 1.0 mile north of Ethel.

Drainage area.--0.20 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 46 ft³/s and by culvert measurements at 39 ft³/s, 61 ft³/s, 107 ft³/s, and 645 ft³/s.

Remarks.--Only annual peaks are shown.

07078210 Tarleton Creek tributary at Ethel, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	4/28/63	5.11	68	1971	7/24/71	4.40	43	1979	12/ 3/78	7.12	121
1964	4/23/64	6.24	107	1972	7/29/72	4.24	33	1980	3/17/80	5.62	84
1965	9/21/65	5.00	62	1973	4/19/73	8.05	645	1981	5/17/81	6.95	118
1966	5/ 1/66	5.02	63	1974	4/22/74	4.80	65	1982	4/20/82	4.28	75
1967	5/ 6/67	4.80	55	1975	3/13/75	4.35	41	1983	10/ 7/82	4.10	68
1968	3/21/68	4.89	59	1976	3/ 8/76	4.50	61	1984	12/ 3/83	4.54	53
1969	11/28/68	5.27	72	1977	3/ 3/77	4.68	54				
1970	8/10/70	6.27	91	1978	1/25/78	4.54	49				

07188900 Butler Creek tributary near Gravetta, Ark.

Location.--Lat 36°26'51", long 94°26'36", in SW 1/4 SE 1/4 sec.36, T.21 N., R.33 W., on right bank 40 ft upstream from culvert on State Highway 59, 1.9 miles upstream from mouth, and 2.0 miles north of Gravette.

Drainage area.--0.96 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 10 ft³/s, by slope-area measurement at 88 ft³/s, and by culvert measurement at 562 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/19/61	6.85	562	1968	3/19/68	4.40	29	1975	11/ 3/74	5.93	310
1962			6	1969	1/29/69	4.67	50	1976	12/ 6/75	5.50	200
1963	3/ 4/63	4.69	52	1970	4/30/70	5.98	320	1977	9/29/77	5.64	235
1964	6/17/64	4.20	17	1971	10/26/70	4.43	13	1978	4/10/78	5.74	260
1965	4/ 2/65	4.78	58	1972	7/ 1/72	6.00	330	1979	7/17/79	5.25	140
1966	2/ 9/66	4.71	53	1973	9/ 4/73	6.02	330	1980	5/26/80	5.00	90
1967	6/28/67	3.58	2	1974	6/ 8/74	6.36	420	1981	6/30/81	5.24	140

07191220 Spavinaw Creek near Sycamore, Oklahoma

Location.--Lat 36°20'00", long 94°38'30", in NE 1/4 NW 1/4 sec.4, T.21 N., R.25 E., 1.8 miles downstream from Cherokee Creek, 6.5 miles southeast of Sycamore, and at mile 35.0.

Drainage area.--133 mi² (128 mi² at former site).

Gage.--Recording. Prior to October 1, 1961, at site 1 mile upstream at datum of 880 ft above sea level (from topographic map). Datum of gage is 875 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 6,030 ft³/s and by slope-area measurements at 18,100 ft³/s and 39,800 ft³/s.

Bankfull stage.--18 ft.

Remarks.--Base for partial-duration series, 2,500 series.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1960	5/ 6/60		7,530	1969	1/30/69	11.39	4,470	1976	4/20/76	12.40	6,480
1961	5/19/61	15.61	15,000	1970	4/30/70	14.95	12,000	1977	9/29/77	14.41	10,600
1962	7/10/62	5.74	595	1971	10/27/70	6.96	1,020	1978	4/10/78	13.21	7,430
1963	10/ 7/62	8.66	1,940	1972	7/ 3/72	8.45	1,820	1979	5/ 4/79	8.52	1,850
1964	6/17/64	7.25	1,210	1973	3/10/73	12.32	5,670	1980	3/25/80	5.20	245
1965	4/15/65	11.76	4,910	1974	6/ 8/74	17.54	19,100	1981	6/30/81	6.08	403
1966	2/10/66	8.78	2,020		11/24/73	17.36	18,400	1982	1/31/82	9.67	2,600
1967	4/14/67	4.25	242	1975	7/27/75	22.07	39,800	1983	4/29/83	8.98	2,350
1968	2/ 1/68	9.62	2,580		11/ 4/74	17.16	16,200	1984	3/28/84	7.51	1,280

07194890 Osage Creek at Cave Springs, Ark.

Location.--Lat 36°15'56", long 94°14'15", in SW 1/4 NW 1/4 sec.1, T.18 N., R.31 W., on upstream abutment at right end of bridge on county road, just downstream from small tributary, 0.4 mile west of Cave Springs, 0.6 mile upstream from Cave Springs Branch, and 2.1 miles upstream from Spring Creek.

Drainage area.--40.4 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 309 ft³/s and by contracted-opening measurement at 5,420 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1950	5/10/50	10.60	12,700	1969	1/29/69	8.83	5,420	1976	4/20/76	5.67	660
1963	10/ 7/62	7.40	2,500	1970	4/30/70	6.85	1,600	1977	9/29/77	8.04	3,350
1964	0/ 0/64		150	1971	10/26/70	7.41	2,550	1978	3/28/78	5.65	655
1965	4/13/65	6.70	1,450	1972	12/ 9/71	5.97	835	1979	5/ 4/79	7.76	2,800
1966	2/ 9/66	6.42	1,200	1973	5/ 7/73	6.81	1,550	1980	6/19/80	4.31	200
1967	0/ 0/67	0.00	210	1974	6/ 8/74	10.30	11,300	1981	2/ 9/81	4.86	325
1968	7/ 1/60	7.11	1,900	1975	7/27/75	7.89	3,100	1982	1/30/82	5.12	405

07195000 Osage Creek near Elm Springs, Ark.

Location.--Lat 36°13', long 94°17', in sec.21, T.18 N., R.31 W., on left bank 1 mile downstream from Little Osage Creek and 3 1/4 miles northwest of Elm Springs.

Drainage area.--130 mi².

Gage.--Recording. Datum of gage is 1,052 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 11,000 ft³/s and slope-area measurements at 22,500 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1950	5/10/50	16.70	22,500	1960	5/ 6/60	8.46	3,270	1970	4/30/70	10.55	5,480
1951	2/20/51	11.72	6,770	1961	5/19/61	16.66	22,500	1971	10/27/70	10.91	5,910
1952	8/22/52	6.99	2,210	1962	7/10/62	7.33	2,170	1972	7/13/72	9.13	3,880
1953	3/17/53	6.40	1,820	1963	10/ 7/62	8.50	3,270	1973	3/10/73	9.72	4,520
1954	5/ 2/54	9.44	4,050	1964	8/28/64	3.86	492	1974	6/ 8/74	16.62	22,200
1955	2/19/55	10.58	5,280	1965	4/ 6/65	11.11	6,140	1975	7/27/75	14.65	11,600
1956	5/15/56	5.79	1,160	1966	2/ 9/66	9.34	3,270	1976	4/20/76	10.74	5,710
1957	4/ 3/57	14.36	10,800	1967	6/11/67	4.52	684	1977	9/29/77	13.26	9,090
1958	7/25/58	7.05	2,200	1968	7/ 1/68	12.76	8,360	1978	3/24/78	8.89	3,650
1959	7/23/59	10.37	5,300	1969	1/29/69	15.37	13,900	1979	4/11/79	12.60	8,140

07195200 Brush Creek tributary near Tontitown, Ark.

Location.--Lat 36°10'38", long 94°16'40", in NW 1/4 SW 1/4 sec.3, T.17 N., R.31 W., on right bank 14 ft upstream from culvert on State Highway 68, 1.6 miles upstream from mouth, and 2.2 miles west of Tontitown.

Drainage area.--0.37 mi².

Stage-discharge relation.--Defined by current-meter measurement at 11 ft³/s and by culvert measurements at 100 ft³/s, 131 ft³/s, 193 ft³/s, 264 ft³/s, and 278 ft³/s.

Remarks.--Only annual peaks are shown. Annual peaks greater than about 60 ft³/s affected by storage.

07195200 Brush Creek tributary near Tontitown, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1959	7/23/59	17.00	278	1966			10	1973	3/10/73	7.75	77
1960	7/25/60	15.80	264	1967	9/15/67	5.61	18	1974	11/24/73	8.33	98
1961	5/ 7/61	11.77	193	1968	2/ 1/68	5.82	24	1975	9/19/75	9.88	143
1962			20	1969	1/29/69	8.36	96	1976	4/20/76	7.88	63
1963	5/ 5/63	5.10	8	1970	10/12/69	6.02	27	1977	9/29/77	11.57	188
1964	9/22/64	5.49	16	1971	10/26/70	8.63	108	1978	3/28/78	5.53	17
1965	8/27/65	15.58	261	1972	9/29/72	10.38	155	1979	5/ 4/79	8.17	93

07195450 Ballard Creek at Summers, Ark.

Location.--Lat 35°58'42", long 94°29'56", in SW 1/4 SW 1/4 sec. 16, T.15 N., R.33 W., on right bank 110 ft upstream from bridge on U.S. Highway 62, 100 ft downstream from Price Creek, 0.8 mile upstream from small tributary, and 0.4 mile west of Summers.

Drainage area.--14.6 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 122 ft³/s and by slope-area measurement at 1,620 ft³/s, and 4,750 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	4/27/63	3.40	144	1971	10/26/70	9.70	3,140	1979	5/ 4/79	12.24	4,830
1964	9/22/64	4.79	455	1972	7/13/72	9.32	2,900	1980	6/19/80	3.40	144
1965	4/15/65	4.70	425	1973	4/22/73	8.39	2,350	1981	7/ 1/81	5.86	980
1966	2/ 9/66	6.35	1,150	1974	5/30/74	10.40	3,600	1982	5/14/82	8.67	2,520
1967	5/14/67	4.12	275	1975	11/ 4/74	9.98	3,320	1983	12/ 3/82	11.05	4,000
1968	2/ 1/68	7.17	1,620	1976	4/20/76	12.16	4,750	1984	4/ 9/84	6.82	1,450
1969	1/29/69	9.89	3,280	1977	3/28/77	5.66	880				
1970	9/23/70	8.13	2,200	1978	5/ 7/78	11.45	4,300				

07195500 Illinois River near Watts, Oklahoma

Location.--Lat 36°07'48", long 94°34'12", in NE 1/4 sec.18, T.19 N., R.26 W., on downstream side of bridge on U.S. Highway 59, 1.5 miles north of Watts, 4.5 miles downstream from Cincinnati Creek, and at mile 106.2

Drainage area.--635 mi².

Gage.--Recording. Datum of gage is 893.78 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 51,000 ft³/s.

Bankfull stage.--13 ft.

Remarks.--Records furnished by Corps of Engineers and reviewed by Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1956	5/15/56	13.05	8,650	1966	2/ 9/66	20.54	26,800	1976	4/20/76	22.38	31,700
1957	4/ 3/57	24.73	49,000	1967	4/14/67	8.21	3,430	1977	9/29/77	14.99	11,700
1958	7/12/58	18.25	18,200	1968	2/ 2/68	17.35	16,800	1978	3/24/78	20.54	22,500
1959	7/23/59	15.46	12,600	1969	1/30/69	21.90	31,400	1979	4/12/79	20.76	22,400
1960	7/25/60	25.96	68,000	1970	5/ 1/70	19.37	21,100	1980	3/30/80	7.71	3,010
1961	5/ 7/61	24.32	51,600	1971	10/27/70	20.48	25,200	1981	7/ 1/81	12.47	7,940
1962	8/ 1/62	12.97	8,630	1972	7/13/72	17.11	15,700	1982	6/16/82	22.91	35,400
1963	10/ 8/62	9.69	4,770	1973	3/11/73	18.28	18,400	1983	12/ 3/82	18.76	18,700
1964	5/11/64	8.98	4,100	1974	11/25/73	23.96	47,600	1984	3/19/84	13.73	9,700
1965	4/ 6/65	14.57	11,100	1975	11/ 4/74	21.50	25,500				

07195800 Flint Creek at Springtown, Ark.

Location.--Lat 36°15'20", long 94°25'50", in NW 1/4 sec.7, T.18 N., R.32 W., 20 ft downstream from bridge on State Highway 12 and 0.8 mile southwest of Springtown.

Drainage area.--14.2 mi².

Gage.--Recording. Datum of gage is 1,173.47 ft above sea level. Recording rainfall gage since December 5, 1967.

Stage-discharge relation.--Defined by current-meter measurements below 230 ft³/s and by contracted-opening measurements at 1,850 ft³/s, 6,730 ft³/s, and 14,600 ft³/s.

Bankfull stage.--10 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	8/14/61	14.75	6,730	1970	4/30/70	9.72	1,510	1978	6/21/78	7.91	774
1962	7/10/62	6.23	330	1971	10/26/70	6.81	502	1979	5/ 3/79	6.10	359
1963	7/ 3/63	6.25	210	1972	12/14/71	6.22	384	1980	11/21/79	4.39	67
1964	8/21/64	4.93a	70	1973	3/10/73	8.84	1,110	1981	8/ 3/81	5.00	153
1965	4/13/65	8.20	870	1974	6/ 6/74	17.51	14,600	1982	1/30/82	6.83	505
1966	2/ 9/66	7.82	740		11/24/73	12.59	3,850	1983	12/ 3/82	5.50	240
1967	6/11/67	5.19	120	1975	7/27/75	12.16	3,370	1984	3/19/84	5.70	277
1968	1/30/68	7.59	677	1976	4/20/76	8.32	908				
1969	1/29/69	11.51	2,720	1977	9/29/77	9.25	1,280				

07196000 Flint Creek near Kansas, Oklahoma

Location.--Lat 36°11'54", long 94°42'30", in SW 1/4 sec.24, T.20 N., R.24 E., on downstream side of bridge on Oklahoma State Highway 33, 6 miles southwest of Kansas, 6 miles downstream from Sugar Creek, and at mile 2.8.

Drainage area.--110 mi².

Gage.--Recording. Datum of gage is 854.59 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 3,910 ft³/s, and contracted-opening measurement of 44,400 ft³/s.

Bankfull stage.--17 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1956	5/15/56	8.42	1,370	1965	4/ 6/65	9.07	3,040	1974	6/ 8/74	19.42	44,400
1957	5/25/57	11.52	8,780	1966	2/ 9/66	8.98	2,930	1975	11/ 4/74	13.70	16,000
1958	7/12/58	12.55	12,000	1967	6/25/67	8.05	1,210	1976	4/20/76	10.68	6,970
1959	7/23/59	9.44	3,530	1968	2/ 1/68	9.32	3,980	1979	5/ 3/79	8.44	1,790
1960	5/ 5/60	12.47	11,700	1969	1/29/69	14.20	17,500	1980	3/24/80	7.20	270
1961	8/14/61	15.66	23,600	1970	4/30/70	10.85	6,960	1981	8/ 3/81	7.77	769
1962	8/ 1/62	9.10	3,140	1971	10/27/70	8.76	2,430	1982	1/30/82	9.62	4,510
1963	10/ 7/62	7.68	680	1972	5/ 1/72	8.33	1,560	1983	4/23/83	7.40	480
1964	4/ 5/64	7.58	580	1973	3/10/73	11.40	8,520	1984	3/19/84	7.95	1,080

07196900 Barren Fork at Dutch Mills, Ark.

Location.--Lat 35°52'40", long 94°29'10", on line between secs.21 and 22, T.14 N., R.33 W., on downstream side of bridge on State Highway 59 at Dutch Mills, 1 3/4 miles downstream from Fly Creek, and 2 3/4 miles upstream from Arkansas-Oklahoma State line.

Drainage area.--46.0 mi².

Gage.--Recording. Datum of gage is 986.47 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 2,900 ft³/s and by contracted-opening measurement at 12,900 ft³/s.

Bankfull stage.--11 ft.

Remarks.--Only annual peaks are shown.

07196900 Barren Fork at Dutch Mills, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1958	7/12/58	12.80	14,800	1967	4/13/67	5.53	1,140	1976	4/20/76	12.80	14,000
1959	7/23/59	11.02	9,750	1968	7/ 1/68	8.75	4,620	1977	3/27/77	10.49	7,480
1960	5/ 5/60	12.12	12,800	1969	1/29/69	9.52	5,540	1978	6/18/78	10.04	6,550
1961	7/16/61	11.96	12,600	1970	5/10/70	7.51	2,610	1979	4/11/79	11.94	11,100
1962	11/ 2/61	5.96	1,850	1971	10/26/70	13.24	15,400	1980	5/18/80	4.72	644
1963	8/10/63	3.04	174	1972	7/13/72	13.74	17,100	1981	5/31/81	10.91	8,430
1964	5/11/64	6.30	1,950	1973	4/22/73	12.86	14,200	1982	1/30/82	8.17	3,380
1965	1/ 2/65	5.71	1,360	1974	9/20/74	13.48	16,200	1983	5/14/83	11.01	8,680
1966	2/ 9/66	8.89	5,950	1975	11/ 3/74	12.07	11,800	1984	3/19/84	7.55	2,630

07247000 Poteau River at Cauthron, Ark.

Location.--Lat 34°55'08", long 94°17'55", in SW 1/4 sec.16, T.3 N., R.31 W., on right bank at downstream side of highway bridge at Cauthron, 7.8 miles downstream from Jones Creek, and at mile 109.0.

Drainage area.--203 mi².

Gage.--Nonrecording prior to May 2, 1939; recording thereafter. Datum of gage is 569.53 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--19 ft.

Historical data.--Flood in June 1935 was reported by local residents as greatest known.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1935	6/ /35	27.40		1954	5/ 2/54	19.86	13600	1970	4/19/70	17.54	7960
1939	4/16/39	22.50	24,400	1955	3/21/55	17.22	7,830	1971	4/23/71	12.55	3,740
1940	4/29/40	10.71	2,810	1956	2/18/56	16.52	6,790	1972	12/10/71	21.82	22,300
1941	12/16/40	10.57	2,760	1957	5/23/57	18.73	10,300	1973	4/16/73	17.28	7,590
1942	10/31/41	18.87	10,500	1958	5/ 2/58	18.91	11,200	1974	6/ 7/74	21.24	19,400
1943	5/11/43	21.74	19,000	1959	3/26/59	12.44	4,130	1975	3/28/75	18.39	9,280
1944	2/28/44	17.09	7,580	1960	5/20/60	23.76	32,200	1976	3/ 8/76	12.48	3,810
1945	5/15/45	22.39	23,800	1961	5/ 6/61	17.59	8,930	1977	3/28/77	19.20	11,400
1946	2/13/46	18.30	9,350	1962	11/22/61	17.60	8,930	1978	3/24/78	15.63	5,740
1947	12/10/46	21.18	17,400	1963	3/19/63	11.76	3,750	1979	4/ 1/79	17.99	8,580
1948	1/ 1/48	21.08	17,000	1964	3/ 9/64	17.20	8,380	1980	12/24/79	16.56	6,670
1949	1/24/49	23.34	31,000	1965	2/ 9/65	20.23	14,400	1981	7/ 1/81	17.57	7,990
1950	2/12/50	22.78	27,800	1966	2/10/66	20.42	15,200	1982	1/31/82	17.55	7,960
1951	2/15/51	15.08	5,770	1967	5/ 6/67	16.85	7,000	1983	12/ 3/82	20.12	14,100
1952	4/22/52	18.69	10,900	1968	5/14/68	21.75	22,000	1984	5/ 3/84	17.19	7,760
1953	5/13/53	20.46	16,000	1969	7/26/69	23.24	29,400				

07249300 James Fork near Midland, Ark.

Location.--Lat 35°04'27", long 94°20'20", in NW 1/4 NW 1/4 sec.32, T.5 N., R.31 W., on right bank on downstream side of bridge pier on State Highway 252, 1.6 miles southeast of Midland, 2.1 miles upstream from Prairie Creek, and 2.5 miles downstream from West Creek.

Drainage area.--44.0 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 2,600 ft³/s and by contracted-opening measurement at 25,400 ft³/s.

Remarks.--Only annual peaks are shown.

07249300 James Fork near Midland, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	11/ 7/62	6.09	2,450	1970	4/17/70	8.90	7,500	1977	3/28/77	7.60	4,700
1964	9/27/64	8.17	5,800	1971	10/23/70	4.32	920	1978	3/24/78	7.29	4,200
1965	11/19/64	8.07	5,700	1972	12/ 9/71	12.15	18,800	1979	5/22/79	8.53	6,600
1966	5/18/66	6.25	2,650	1973	4/22/73	11.34	15,200	1980	5/16/80	5.63	2,000
1967	5/ 6/67	6.89	3,500	1974	4/30/74	8.90	7,400	1981	5/10/81	5.76	2,200
1968	5/14/68	13.49	25,400	1975	5/ 7/75	7.00	3,800	1982	10/18/81	10.93	13,600
1969	12/28/68	11.47	15,700	1976	6/24/76	5.17	1,550				

07249400 James Fork near Hackett, Ark.

Location.--Lat 35°09'45", long 94°24'25", in NW 1/4 NW 1/4 sec.34, T.6 N., R.32 W., on downstream side of bridge on State Highway 45, 1.7 miles south of Hackett, 2 miles downstream from Elder Branch, and 3.6 miles upstream from Arkansas-Oklahoma State line.

Drainage area.--147 mi².

Gage.--Recording. Datum of gage is 459.71 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 20,000 ft³/s.

Bankfull stage.--20 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1958	5/ 2/58	21.40	10,300	1967	4/23/67	17.43	3,540	1976	4/20/76	13.96	2,270
1959	3/21/59	14.68	2,180	1968	5/14/68	23.00	30,000	1977	3/28/77	20.31	6,300
1960	5/19/60	21.30	9,700	1969	12/28/68	22.04	15,400	1978	3/24/78	18.88	4,570
1961	7/15/61	21.84	13,600	1970	4/17/70	20.80	7,250	1979	5/22/79	20.84	7,650
1962	11/21/61	20.69	6,900	1971	10/24/70	15.39	2,660	1980	5/16/80	17.31	3,510
1963	11/ 7/62	13.19	1,780	1972	12/10/71	22.24	17,500	1981	6/ 6/81	16.88	3,310
1964	3/ 9/64	17.66	3,580	1973	4/23/73	22.11	16,100	1982	5/14/82	21.19	12,000
1965	5/27/65	19.78	5,540	1974	4/30/74	20.63	6,690	1983	12/ 3/82	20.45	6,630
1966	2/ 9/66	18.51	3,910	1975	5/ 7/75	20.18	5,870	1984	5/27/84	16.00	3,150

07249500 Cove Creek near Lee Creek, Ark.

Location.--Lat 35°43'20", long 94°24'30", in SW 1/4 NW 1/4 sec.16, T.12 N., R.32 W., on downstream side of highway bridge, 4 1/2 miles northwest of Lee Creek, and at mile 5.8.

Drainage area.--35.3 mi².

Gage.--Crest-stage gage. Recording from 1950-1970. Datum of gage is 850.07 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 5,000 ft³/s and extended on basis of slope-area measurements at 20,500 ft³/s and 33,600 ft³/s.

Bankfull stage.--7 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1950	5/10/50	10.50	9,510	1961	5/ 5/61	9.25	6,820	1974	11/24/73	11.37	12,500
1951	7/ 2/51	8.80	5,890	1962	7/31/62	6.65	2,850	1975	11/ 2/74	9.40	6,000
1952	5/23/52	6.01	2,250	1963	10/13/62	4.80	1,140	1976	4/20/76	10.58	8,600
1953	3/14/53	8.03	4,640	1964	5/11/64	7.04	3,360	1977	3/27/77	9.94	7,180
1954	5/ 2/54	5.56	1,670	1965	4/14/65	5.92	2,030	1978	3/24/78	7.65	3,220
1955	6/ 5/55	7.95	4,640	1966	2/ 9/66	10.40	9,640	1979	4/11/79	8.22	3,910
1956	4/28/56	7.80	4,320	1967	7/ 5/67	5.85	1,980	1980	5/22/80	5.18	1,030
1957	4/ 3/57	13.50	20,500	1968	7/ 1/68	8.35	5,220	1981	5/31/81	8.82	4,920
	5/17/57	11.75	13,700	1969	1/29/69	7.66	3,230	1982	1/30/82	7.81	3,410
	5/22/57	11.75	13,700	1970	9/22/70	8.43	4,280	1983	5/14/83	8.66	4,990
1958	7/12/58	12.45	16,100	1971	10/26/70	10.00	7,560	1984	5/ 7/84	8.72	4,740
1959	3/ 5/59	8.36	5,300	1972	12/10/71	8.00	3,680				
1960	5/ 5/60	15.60	33,600	1973	4/22/73	12.00	14,600				

07249650 Mountain Fork Creek near Evansville, Ark.

Location.--Lat 35°42'23", long 94°28'57", in NE 1/4 SE 1/4 sec.22, T.12 N., R.33 W., on right bank 100 ft upstream from bridge on State Highway 59, 0.5 mile upstream from Indian Creek, and 6.2 miles south of Evansville.

Drainage area.--8.15 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 346 ft³/s and by contracted-opening measurement at 2,390 ft³/s and 5,120 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	11/22/61	6.40	600	1969	1/29/69	6.38	600	1976	4/20/76	8.68	2,070
1963	4/27/63	5.80	345	1970	9/23/70	9.84	3,150	1977	3/27/77	7.84	1,460
1964	4/ 5/64	5.72	310	1971	10/26/70	11.41	5,120	1978	6/19/78	7.91	1,500
1965	4/14/65	6.97	910	1972	7/13/72	9.05	2,350	1979	5/ 4/79	8.09	1,620
1966	2/ 9/66	8.74	2,390	1973	4/22/73	9.72	3,020	1980	6/19/80	5.66	290
1967	7/ 5/67	6.43	625	1974	11/24/73	8.08	1,620	1981	5/31/81	7.69	1,360
1968	7/ 2/68	7.71	1,380	1975	11/ 4/74	8.34	1,800				

07249950 Webber Creek tributary near Cedarville, Ark.

Location.--Lat 35°36'00", long 94°22'49", in SE 1/4 SE 1/4 sec.27, T.11 N., R.32 W., on right bank 24 ft upstream from culvert on State Highway 59, 200 ft upstream from small tributary, and 2.3 miles north of Cedarville.

Drainage area.--0.34 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 24 ft³/s and by culvert measurements at 187 ft³/s, 205 ft³/s, and 274 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	11/22/61		10	1969	12/27/68	5.97	24	1976	5/13/76	5.69	10
1963	4/27/63	5.90	18	1970	4/25/70	6.74	120	1977	3/27/77	5.79	14
1964	5/11/64	6.41	83	1971	10/26/70	7.71	274	1978	5/ 7/78	6.12	37
1965	5/26/65	7.07	187	1972	12/10/71	6.34	60	1979	5/21/79	5.53	3
1966	2/ 9/66	6.70	122	1973	11/13/72	6.03	29	1980	3/24/80	5.77	14
1967	5/ 6/67	5.54	3	1974	11/24/73	7.38	220	1981	5/31/81	5.53	3
1968	4/19/68	7.30	205	1975	2/22/75	5.62	8	1982	7/ 8/82	5.88	18

07250000 Lee Creek near Van Buren, Ark.

Location.--Lat 35°29'40", long 94°26'56", in SE 1/4 sec.21, T.12 N., R.27 E., Indian Meridian, on right bank 300 ft west of Arkansas-Oklahoma State line, 3.2 miles downstream from Webbers Creek, 6 3/4 miles northwest of Van Buren, and at mile 7.8.

Drainage area.--426 mi².

Gage.--Nonrecording prior to June 1937; recording thereafter. Datum of gage is 408.04 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 55,000 ft³/s.

Bankfull stage.--17 ft.

Remarks.--Only annual peaks are shown.

07250000 Lee Creek near Van Buren, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1931	2/ 8/31	20.50	27,700	1957	4/ 3/57	29.37	73,200	1972	12/10/71	22.71	37,500
1932	1/16/32	18.10	23,200	1958	7/13/58	22.32	35,900	1973	4/22/73	23.89	42,600
1933	5/14/33	22.30	32,200	1959	3/ 5/59	16.70	21,100	1974	11/24/73	29.36	73,200
1934	9/ 2/34	13.30	13,700	1960	5/ 6/60	30.30	80,600	1975	11/ 4/74	20.50	29,800
1935	6/17/35	27.00	57,700	1961	5/ 5/61	21.38	32,700	1976	4/20/76	22.48	37,200
1936	12/ 6/35	14.80	15,100	1962	11/22/61	12.33	11,300	1977	3/27/77	20.54	30,200
1943	5/10/43	27.00	57,700	1963	4/27/63	7.89	5,200	1978	3/24/78	18.93	25,500
1945	4/15/45	35.00	112,000	1964	5/11/64	15.72	18,000	1979	4/11/79	15.61	17,800
1950	5/10/50	27.20	58,900	1965	5/ 9/65	11.17	9,440	1980	3/24/80	6.68	3,860
1951	7/ 2/51	19.46	25,000	1966	2/ 9/66	25.38	49,600	1981	5/31/81	14.37	15,200
1952	4/12/52	15.02	15,000	1967	5/ 6/67	11.25	9,520	1982	1/31/82	18.64	24,800
1953	3/18/53	17.24	19,500	1968	3/20/68	16.81	20,400	1983	12/ 3/82	12.88	12,300
1954	5/ 2/54	15.34	15,600	1969	12/27/68	16.32	19,300	1984	5/ 7/84	11.61	10,200
1955	2/20/55	18.54	22,500	1970	10/13/69	17.70	22,400				
1956	4/29/56	14.02	13,000	1971	10/27/70	20.57	30,000				

07250550 Arkansas River at Dam No. 13, near Van Buren, Ark.

Location.--Lat 35°20'56", long 94°17'54", in sec.28, T.8 N., R.31 W., Sebastian County, in Dam No. 13 control house on right bank and at mile 308.9.

Drainage area.--150,547 mi², of which 22,241 mi² is probably noncontributing.

Gage.--Water-stage and gage position recorder. Datum of gage is sea level (levels by Corps of Engineers). Prior to October 1, 1934, nonrecording gage, and October 1, 1934, to December 20, 1969, recording gage at site 7.9 miles upstream at datum 372.36 ft higher.

Remarks.--No estimated daily discharges. Water-discharge records fair. Beginning April 26, 1970, daily discharges computed from relation between discharge, head, and gate openings. Flow regulated upstream by many locks, dams, and reservoirs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1970	5/ 2/70		152,000	1975	11/11/74		211,000	1980	6/20/80		83,500
1971	10/27/70		136,000	1976	4/21/76		165,000	1981	5/30/81		52,700
1972	12/10/71		191,000	1977	3/28/77		118,000	1982	6/ 5/82		155,000
1973	4/23/73		212,000	1978	5/ 8/78		101,000	1983	5/15/83		135,000
1974	11/25/73		259,000	1979	6/12/79		108,000	1984	3/30/84		133,000

07251000 Frog Bayou near Mountainburg, Ark.

Location.--Lat 35°39'37", long 94°08'56", in NW 1/4 NE 1/4 sec.2, T.11 N., R.30 W., on left bank above concrete weir in spillway of Fort Smith Dam, 3/4 mile upstream from Warloop Creek, 1 1/4 miles upstream from Howard Fork, 2 1/2 miles northeast of Mountainburg, and 3 miles downstream from Jones Fork.

Drainage area.--74.2 mi².

Gage.--Nonrecording gage and concrete control prior to August 28, 1939; recording thereafter. Datum of gage is 800.00 ft above sea level (levels by city of Fort Smith).

Stage-discharge relation.--Defined by current-meter measurements below 11,000 ft³/s and extended by logarithmic plotting.

Remarks.--Records represent spillway overflow from Lake Fort Smith and do not include water diverted for municipal supply of Fort Smith. Peak discharge affected by storage in Lake Fort Smith (capacity, 10,000 acre-ft) and since January 1, 1956, by Lake Sheppard Springs (capacity, 19,000 acre-ft). Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1937	1/14/37	26.60	2,400	1946	5/24/46	29.14	9,420	1955	2/19/55	27.32	4,010
1938	2/18/38	28.20	6,500	1947	11/ 9/46	28.12	6,210	1956	6/ 9/56	25.16	92
1939	2/19/39	26.55	2,190	1948	8/14/48	26.69	2,550	1957	5/23/57	30.28	13,700
1940	4/11/40	27.35	4,220	1949	1/24/49	28.21	6,500	1958	11/18/57	26.48	2,100
1941	4/19/41	26.58	2,310	1950	5/10/50	27.61	4,800	1959	5/11/59	26.42	1,980
1942	4/ 8/42	27.96	5,780	1951	7/ 2/51	28.48	7,440	1960	5/ 6/60	28.08	6,210
1943	5/10/43	29.84	12,000	1952	4/12/52	26.58	2,310	1961	5/ 5/61	27.89	5,630
1944	4/ 8/44	28.40	7,120	1953	4/29/53	27.09	3,510				
1945	4/15/45	31.06	17,300	1954	5/ 3/54	25.46	397				

07251500 Frog Bayou at Rudy, Ark.

Location.--Lat 35°31'25", long 94°16'30", in SW 1/4 sec.23, T.10 N., R.31 W., on left bank at downstream side of bridge on State Highway 282 at Rudy, 0.5 mile downstream from Cedar Creek.

Drainage area.--216 mi².

Gage.--Recording prior to 1971, crest-stage gage thereafter. Datum of gage is 475.08 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 26,000 ft³/s.

Bankfull stage.--10 ft.

Remarks.--Peak discharge affected to some extent by storage in Lake Fort Smith (capacity, 10,000 acre-ft) and since January 1, 1956, by Lake Sheppard Springs (capacity, 19,000 acre-ft).

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1945	4/15/45	18.50	39,500	1961	5/ 5/61	13.60	17,300	1973	4/22/73	14.50	17,500
1950	5/10/50	11.40	13,200	1962	11/22/61	8.73	5,660	1974	11/24/73	17.40	32,000
1951	7/ 2/51	11.77	14,700	1963	4/27/63	6.20	2,140	1975	11/ 4/74	11.23	10,200
1952	4/12/52	8.86	6,690	1964	4/ 5/64	11.46	11,600	1976	4/20/76	11.00	9,700
1953	3/17/53	10.22	9,250	1965	5/10/65	9.72	7,550	1977	3/27/77	13.20	14,400
1954	5/ 2/54	5.86	1,520	1966	2/ 9/66	15.14	18,900	1978	3/24/78	10.52	8,740
1955	2/19/55	11.34	12,600	1967	4/30/67	8.47	5,240	1979	4/11/79	10.11	7,920
1956	5/15/56	6.82	2,710	1968	3/20/68	11.73	11,200	1980	3/24/80	6.28	1,890
1957	5/23/57	18.04	36,200	1969	12/27/68	10.57	8,840	1981	6/10/81	8.90	5,620
1958	7/12/58	14.25	19,100	1970	5/ 1/70	15.64	20,200	1982	5/13/82	15.32	19,400
1959	5/11/59	8.07	4,650	1971	10/26/70	15.26	19,300	1983	12/ 3/82	12.58	13,100
1960	5/ 6/60	14.60	20,400	1972	12/10/71	16.40	23,000	1984	5/ 7/84	10.90	9,500

07252000 Mulberry River near Mulberry, Ark.

Location.--Lat 35°34'37", long 94°00'55", in SE 1/4 SW 1/4 sec.31, T.11 N., R.28 W., on left bank 0.6 mile upstream from Mill Creek, 5.7 miles north of Mulberry, and at mile 11.3.

Drainage area.--373 mi².

Gage.--Nonrecording prior to April 19, 1940, at site 500 ft downstream; recording thereafter. Datum of gage is 432.75 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 39,000 ft³/s and extended on basis of velocity-area study.

Bankfull stage.--18 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1928	12/ 0/27	22.00	59,000	1954	4/16/54	8.33	7,320	1970	4/25/70	13.12	19,300
1939	4/17/39	11.20	12,600	1955	3/21/55	13.28	19,000	1971	5/11/71	11.02	13,600
1940	4/11/40	8.60	8,010	1956	5/15/56	11.68	15,300	1972	12/10/71	20.51	52,200
1941	1/24/41	8.32	7,110	1957	4/ 3/57	15.70	28,800	1973	4/22/73	17.68	37,600
1942	4/ 8/42	12.89	17,500	1958	5/ 9/58	9.88	11,100	1974	11/25/73	21.34	56,800
1943	5/10/43	18.23	40,100	1959	11/15/58	7.06	5,240	1975	11/10/74	9.28	9,540
1944	4/ 8/44	12.82	17,600	1960	5/ 6/60	12.78	18,300	1976	4/20/76	8.23	7,390
1945	4/15/45	19.70	47,800	1961	5/19/61	15.61	28,400	1977	3/28/77	14.77	25,200
1946	5/25/46	14.93	25,700	1962	11/22/61	11.34	14,300	1978	3/24/78	15.02	26,100
1947	5/20/47	15.40	27,600	1963	10/16/62	5.03	2,530	1979	7/28/79	10.00	11,200
1948	1/ 1/48	12.04	16,100	1964	4/ 5/64	13.98	22,300	1980	4/ 8/80	4.48	2,130
1949	1/24/49	18.61	42,100	1965	2/ 9/65	7.78	6,420	1981	6/ 6/81	7.00	5,250
1950	1/ 4/50	13.90	22,000	1966	2/ 9/66	17.85	38,200	1982	1/31/82	17.56	37,000
1951	2/18/51	14.55	24,500	1967	5/14/67	8.48	7,640	1983	12/ 3/82	23.66	70,200
1952	4/12/52	11.63	15,000	1968	3/20/68	13.78	21,600	1984	5/ 7/84	11.89	15,700
1953	3/18/53	15.17	26,800	1969	1/30/69	17.93	38,800				

07252200 North Fork White Oak Creek tributary near Watalula, Ark.

Location.--Lat 35°35'43", long 93°50'50", in SE 1/4 NE 1/4 sec.27, T.11 N., R.27 W., on left bank 42 ft upstream from culvert on State Highway 23, 2.2 miles northwest of Watalula, and 2.4 miles upstream from mouth.

Drainage area.--0.46 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 51 ft³/s and by culvert measurements at 332 ft³/s and 729 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	6.30	125	1969	1/29/69	6.04	90	1977	7/ 2/77	6.48	152
1962	8/ 1/62	5.93	78	1970	4/24/70	7.64	331	1978	3/24/78	6.59	182
1963	10/13/62	6.51	156	1971	5/24/71	6.36	135	1979	7/28/79	6.50	155
1964	4/ 3/64	10.66	729	1972	12/10/71	7.57	320	1980	3/24/80	6.44	147
1965	5/ 9/65	6.46	148	1973	4/22/73	6.75	195	1981	6/16/81	6.80	200
1966	2/ 9/66	6.01	86	1974	11/24/73	6.94	225	1982	6/16/82	6.43	145
1967	9/17/67	5.69	51	1975	9/20/75	5.84	65	1983	12/ 3/82	7.17	257
1968	7/19/68	7.66	332	1976	3/ 8/76	6.03	90				

07252500 Sixmile Creek subwatershed No. 6 near Chismville, Ark.

Location.--Lat 35°12'30", long 93°52'55", in NW 1/4 sec.9, T.6 N., R.27 W., in upstream slope of earth dam on Sixmile Creek, 3.3 miles southeast of Chismville.

Drainage area.--4.23 mi².

Gage.--Recording and concrete drop inlet. Datum of gage is 576.67 ft above sea level (levels by Soil Conservation Service).

Stage-discharge relation.--Outflow defined by current-meter measurements and by critical-depth computations at 587 ft³/s. Peak reservoir inflow computed from outflow and rate of change of reservoir contents, adjusted for rainfall on reservoir at time of peak inflow.

Remarks.--Only annual peak inflow is shown (average for 5-minute intervals).

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/20/55		1,610	1961	5/ 4/61		1,730	1967	8/ 4/67		470
1956	7/23/56		351	1962	11/22/61		437	1968	5/13/68		1,930
1957	4/27/57		1,320	1963	3/16/63		197	1969	12/21/68		1,500
1958	11/17/57		1,420	1964	5/11/64		1,050	1970	4/17/70		666
1959	3/21/59		274	1965	5/26/65		944				
1960	11/ 4/59		1,100	1966	2/ 9/66		735				

07253000 Sixmile Creek at Chismville, Ark.

Location.--Lat 35°13'15", long 93°56'20", in E 1/2 sec.2, T.6 N., R.28 W., on downstream side of highway bridge at Chismville, 1/2 mile downstream from Rocky Creek, and at mile 25.6.

Drainage area.--24.1 mi².

Gage.--Recording. Datum of gage is 478.42 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 1,780 ft³/s and by contracted-opening measurement at 2,810 ft³/s.

Bankfull stage.--8 ft.

Remarks.--Peak flows are materially affected by four floodwater-detention reservoirs that have a total capacity of 5,086 acre-ft below flood-spillway crests, of which 4,292 acre-ft is flood-detention capacity and 794 acre-ft is sediment-storage capacity. Only annual peaks are shown.

07253000 Sixmile Creek at Chismville, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/20/55	10.74	2,810	1961	5/ 5/61	10.62	2,670	1967	5/ 6/67	3.22	302
1956	2/17/56	3.07	218	1962	11/22/61	4.75	602	1968	5/13/68	9.60	1,900
1957	4/13/57	10.05	1,850	1963	10/16/62	2.58	177	1969	7/26/69	10.32	2,420
1958	7/12/58	9.47	1,650	1964	5/11/64	6.04	862	1970	4/17/70	6.00	862
1959	6/ 1/59	5.77	680	1965	5/26/65	8.95	1,630				
1960	5/ 6/60	8.78	1,440	1966	5/18/66	7.58	1,230				

07253500 Sixmile Creek near Branch, Ark.

Location.--Lat 35°15', long 93°59', in SE 1/4 sec.28, T.7 N., R.28 W., 1/2 mile downstream from Rattle Snake Creek, 1 mile upstream from Prairie Creek, 4 1/4 miles southwest of Branch, and at mile 21.5.

Drainage area.--36.7 mi².

Gage.--Recording. Datum of gage is 422.77 ft above sea level (Soil Conservation Service benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 3,700 ft³/s and by slope-area measurement at 4,480 ft³/s.

Bankfull stage.--8 ft.

Remarks.--Peak flows are materially affected by six floodwater-detention reservoirs that have a total capacity of 6,232 acre-ft below the flood spillway crests, of which 5,344 acre-ft is flood-detention capacity and 888 acre-ft is sediment-storage capacity. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/20/55	11.75	4,530	1961	5/ 5/61	11.05	3,750	1967	6/30/67	4.54	672
1956	2/17/56	4.77	609	1962	11/22/61	5.80	1,100	1968	5/13/68	11.81	4,540
1957	4/ 3/57	10.90	3,660	1963	10/14/62	8.88	2,350	1969	7/26/69	10.20	3,110
1958	7/12/58	11.38	4,130	1964	5/11/64	6.85	1,480	1970	4/19/70	5.81	1,100
1959	3/25/59	4.83	663	1965	5/26/65	10.10	3,040				
1960	11/ 4/59	10.74	3,520	1966	2/ 9/66	8.07	2,000				

07254000 Sixmile Creek subwatershed No. 5 near Chismville, Ark.

Location.--Lat 35°13'45", long 93°54'50", in N 1/2 sec.6, T.6 N., R.27 W., in upsteam slope of earth dam on Little Caney Creek, 1.7 miles northeast of Chismville.

Drainage area.--2.76 mi².

Gage.--Recording and concrete drop inlet. Datum of gage is 475.83 ft above sea level (levels by Soil Conservation Service).

Stage-discharge relation.--Reservoir outflow defined by current-meter measurements. Peak reservoir inflow computed from outflow and rate of change of reservoir contents, adjusted for rainfall on reservoir at time of peak.

Remarks.--Only annual peak inflow is shown (average for 5-minute intervals).

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/20/55		783	1961	5/ 5/61		1,070	1967	5/ 6/67		77
1956	2/17/56		147	1962	11/22/61		145	1968	5/13/68		832
1957	4/ 3/57		832	1963	10/14/62		78	1969	12/27/68		617
1958	7/12/58		705	1964	5/11/64		397	1970	4/17/70		396
1959	3/21/59		75	1965	5/26/65		714	1971	11/ 8/70		103
1960	5/ 5/60		646	1966	5/18/66		448	1972	12/10/71		640

07254500 Sixmile Creek subwatershed No. 2 near Caulksville, Ark.

Location.--Lat 35°15'49", long 93°49'52", in SE 1/4 NE 1/4 sec.23, T.7 N., R.27 W., in upstream slope of earth dam on Shaver Creek, 3.2 miles southeast of Caulksville.

Drainage area.--5.81 mi².

Gage.--Recording and concrete drop inlet. Datum of gage is 490.00 ft above sea level (levels by Soil Conservation Service).

Stage-discharge relation.--Reservoir outflow defined by current-meter measurements. Peak reservoir inflow computed from outflow and change in reservoir contents, adjusted for rainfall on reservoir at time of peak inflow.

Remarks.--Only annual peak inflow is shown (average for 5-minute intervals).

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/20/55		1,790	1961	5/ 5/61		1,740	1967	8/ 4/67		395
1956	2/17/56		266	1962	11/22/61		353	1968	5/13/68		2,470
1957	4/27/57		1,280	1963	10/14/62		404	1969	6/24/69		1,180
1958	5/ 2/58		1,010	1964	5/11/64		1,120	1970	4/19/70		626
1959	6/11/59		813	1965	11/19/64		792				
1960	11/ 4/59		755	1966	2/ 9/66		1,110				

07255000 Sixmile Creek at Caulksville, Ark.

Location.--Lat 35°18', long 93°51', on line between secs.3 and 10, T.7 N., R.27 W., at upstream side of bridge on State Highway 22, 0.6 mile east of Caulksville, 1 3/4 miles downstream from Shaver Creek, and at mile 11.0.

Drainage area.--104 mi².

Gage.--Recording. Datum of gage is 356.16 ft above sea level. Prior to July 15, 1957, at datum 2.00 ft higher. All gage heights adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 9,300 ft³/s.

Bankfull stage.--12 ft.

Remarks.--Peak flows are materially affected by 13 floodwater-detention reservoirs that have a total capacity of 14,229 acre-ft below the flood spillway crests, of which 12,175 acre-ft is flood-detention capacity and 2,054 acre-ft is sediment-storage capacity. Major channel improvements made during 1957. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/20/55	19.37	8,780	1961	5/ 6/61	17.79	10,100	1967	5/ 6/67	9.45	2,040
1956	2/17/56	15.00	1,800	1962	11/22/61	12.66	3,490	1968	5/14/68	18.79	9,960
1957	4/ 3/57	17.40	9,460	1963	10/14/62	13.17	3,680	1969	12/27/68	18.00	7,300
1958	5/ 2/58	15.85	6,180	1964	5/11/64	14.54	4,280	1970	4/19/70	13.99	2,790
1959	6/ 1/59	9.74	2,380	1965	5/26/65	15.80	5,490				
1960	11/ 4/59	16.88	6,380	1966	2/ 9/66	16.10	4,550				

07255100 Sixmile Creek subwatershed No. 23 near Branch, Ark.

Location.--Lat 35°21'22", long 93°59'00", in NE 1/4 SW 1/4 sec.21, T.8 N., R.28 W., in upstream slope of earth dam on Kings Creek, 3/4 mile upstream from mouth, and 3.9 miles northwest of Branch.

Drainage area.--4.49 mi².

Gage.--Recording and concrete drop inlet. Datum of gage is 400.00 ft above sea level (levels by Soil Conservation Service).

Stage-discharge relation.--Reservoir outflow defined by current-meter measurements. Peak reservoir inflow computed from outflow and change in reservoir contents, adjusted for rainfall on reservoir at time of peak discharge.

Remarks.--Only annual peak inflow is shown (average for 5-minute intervals).

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1956	2/18/56		496	1961	12/10/60		519	1966	2/ 9/66		809
1957	4/ 4/57		1,560	1962	11/22/61		675	1967	5/ 6/67		169
1958	7/13/58		1,620	1963	11/ 7/62		106	1968	5/13/68		1,940
1959	3/21/59		384	1964	5/11/64		970	1969	12/27/68		902
1960	11/ 4/59		2,520	1965	5/26/65		789	1970	4/24/70		1,050

07255500 Hurricane Creek near Branch, Ark.

Location.--Lat 35°21', long 93°56', on line between and near south edge of secs.23 and 24, T.8 N., R.28 W., on downstream side of bridge on State Highway 41, 1 1/2 miles upstream from Perry Creek, 3.2 miles northeast of Branch, and at mile 9.0.

Drainage area.--17.2 mi².

Gage.--Recording. Datum of gage is 379.87 ft above sea level (Soil Conservation Service benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 1,100 ft³/s and by indirect measurement at 2,840 ft³/s.

Bankfull stage.--6 ft.

Remarks.--Peak flows are materially affected by four floodwater-detention reservoirs that have a total capacity of 3,011 acre-ft below the flood spillway crests, of which 2,737 acre-ft is flood-detention capacity and 274 acre-ft is sediment-storage capacity. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/20/55	9.88	2,840	1961	5/ 5/61	7.74	375	1967	4/23/67	6.01	173
1956	2/17/56	8.14	700	1962	11/22/61	8.09	484	1968	5/13/68	9.02	1,410
1957	4/ 3/57	8.78	1,240	1963	3/16/63	4.93	120	1969	12/27/68	8.60	880
1958	7/12/58	8.31	790	1964	5/11/64	8.55	985	1970	4/25/70	8.34	825
1959	7/19/59	7.78	512	1965	5/26/65	8.32	790				
1960	11/ 4/59	9.69	2,460	1966	2/ 9/66	7.92	560				

07256000 Hurricane Creek near Caulkville, Ark.

Location.--Lat 35°20'49", long 93°51'44", on line between and near south edge of secs.21 and 22, T.8 N., R.27 W., on downstream side of bridge on State Highway 23, 1.0 mile upstream from Garner Creek, 3.2 miles north of Caulkville, and at mile 4.

Drainage area.--53.0 mi².

Gage.--Recording. Datum of gage is 352.60 ft above sea level (Soil Conservation Service benchmark). Prior to July 1, 1957, at datum 2.00 ft higher. All gage heights adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 6,300 ft³/s. Affected at times by backwater from Sixmile Creek.

Bankfull stage.--8 ft.

Remarks.--Peak flows materially affected by seven floodwater-detention reservoirs that have a total capacity of 5,004 acre-ft below flood-spillway crests, of which 4,555 acre-ft is flood-detention capacity and 449 acre-ft is sediment-storage capacity. Major channel improvements made in 1957. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/20/55	15.32	5,400	1961	5/ 6/61	11.97	2,370	1967	5/ 6/67	8.29	928
1956	2/17/56	13.65	1,980	1962	11/22/61	12.62	2,800	1968	5/14/68	14.15	4,250
1957	4/ 3/57	14.54	6,740	1963	3/16/63	4.37	436	1969	12/27/68	14.11	4,200
1958	5/ 9/58	11.62	2,660	1964	5/11/64	13.52	3,610	1970	4/25/70	13.28	3,260
1959	7/22/59	9.74	1,680	1965	5/26/65	13.40	3,380				
1960	11/ 4/59	15.71	9,050	1966	2/ 9/66	13.14	3,080				

07256500 Spadra Creek at Clarksville, Ark.

Location.--Lat 35°28'06", long 93°27'46", in NE 1/4 sec.5, T.9 N., R.23 W., on right bank at Clarksville, 1,000 ft downstream from bridge on U.S. Highway 64, and at mile 6.2

Drainage area.--61.1 mi².

Gage.--Recording. Datum of gage is 351.99 ft above sea level. Prior to October 1, 1961, at datum 1.00 ft higher. All gage heights adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 14,000 ft³/s.

Bankfull stage.--10 ft.

Remarks.--Gage heights since 1952 represent water surface in gage well and are slightly lower than outside water surface because of drawdown. Major channel improvements made during 1960.

07256500 Spadra Creek at Clarksville, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	12/ 0/26	15.70	14,500	1963	3/16/63	3.51	852	1975	9/19/75	11.74	8,020
1949	1/24/49	15.50	14,000	1964	5/11/64	8.03	5,320	1976	12/29/75	2.96	325
1953	3/17/53	10.84	7,160	1965	2/ 9/65	5.61	2,300	1977	9/29/77	10.96	6,780
1954	1/20/54	11.70	7,600	1966	2/ 9/66	10.36	8,280	1978	11/ 2/77	6.20	1,980
1955	3/20/55	11.32	7,130	1967	7/ 5/67	6.14	1,940	1979	4/ 1/79	10.02	5,470
1956	2/17/56	7.64	3,120	1968	5/13/68	12.43	9,130	1980	5/17/80	8.13	3,460
1957	4/ 3/57	15.58	15,300	1969	1/29/69	11.26	7,260	1981	5/31/81	4.55	925
1958	5/ 9/58	11.15	6,880	1970	4/25/70	12.36	9,020	1982	1/31/82	4.95	1,140
1959	6/12/59	8.78	3,570	1971	6/ 2/71	9.01	4,280	1983	12/ 2/82	14.73	13,400
1960	5/ 6/60	9.26	4,100	1972	12/10/71	16.54	18,000	1984	5/ 7/84	8.57	3,850
1961	5/ 5/61	6.77	4,540	1973	4/22/73	16.45	17,500				
1962	11/22/61	5.92	2,930	1974	6/ 5/74	19.93	27,400				

07257000 Big Piney Creek near Dover, Ark.

Location.--Lat 35°32'58", long 93°09'30", in SW 1/4 NE 1/4 sec.6, T.10 N., R.20 W., on left bank 7.2 miles downstream from Indian Creek, 10.4 miles north of Dover, and at mile 28.0.

Drainage area.--274 mi².

Gage.--Recording. Datum of gage is 487.66 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 45,000 ft³/s and by indirect measurement at 111,000 ft³/s.

Remarks.--Only annual peaks are shown. Published as "Piney Creek" prior to 1968.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1949	1/24/49	25.60	55,800	1962	11/22/61	10.09	8,120	1974	11/25/73	26.11	57,600
1951	2/20/51	14.95	17,600	1963	3/16/63	7.69	4,390	1975	4/25/75	12.22	11,200
1952	4/12/52	13.34	15,800	1964	5/11/64	16.02	24,700	1976	6/23/76	9.35	6,480
1953	3/17/53	17.04	25,300	1965	2/ 9/65	9.75	7,520	1977	3/28/77	17.96	26,200
1954	5/ 2/54	16.03	24,700	1966	2/ 9/66	25.27	54,000	1978	3/24/78	12.61	12,000
1955	3/20/55	17.06	25,400	1967	5/14/67	10.08	8,080	1979	3/30/79	13.16	13,200
1956	2/ 1/56	12.44	13,400	1968	3/20/68	16.38	23,600	1980	5/17/80	14.78	17,200
1957	4/ 3/57	20.37	34,500	1969	1/30/69	21.15	37,000	1981	6/16/81	7.76	4,400
1958	8/ 1/58	12.80	14,500	1970	4/25/70	15.07	21,400	1982	1/30/82	19.15	29,900
1959	11/16/58	13.75	17,200	1971	5/11/71	8.47	5,360	1983	12/ 3/82	33.87	111,000
1960	5/ 6/60	14.10	18,100	1972	12/10/71	28.70	74,600	1984	5/ 7/84	16.19	21,000
1961	5/ 6/61	17.21	25,800	1973	4/22/73	21.26	35,800				

07257060 Mikes Creek tributary near Ozone, Ark.

Location.--Lat 35°37'25", long 93°26'02", in NE 1/4 SE 1/4 sec.9, T.11 N., R.23 W., on right bank 5 ft upstream from culvert on State Highway 21, 0.1 mile upstream from mouth, and 1.4 miles southeast of Ozone.

Drainage area.--0.20 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by culvert measurements at 24 ft³/s, 52 ft³/s, 77 ft³/s, and 122 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1964	5/10/64	4.15	52	1971	5/23/71	3.07	27	1978	3/24/78	3.33	32
1965	6/13/65	4.29	55	1972	12/10/71	7.80	122	1979	3/30/79	3.65	40
1966	2/ 9/66	5.23	77	1973	4/22/73	7.63	119	1980	5/16/80	3.89	47
1967	7/ 5/67	2.93	25	1974	6/ 5/74	10.98	166	1981	6/16/81	3.24	30
1968	4/19/68	3.89	47	1975	3/28/75	2.99	24	1982	3/14/82	2.86	21
1969	1/29/69	4.08	51	1976	3/ 9/76	2.43	13	1983	12/ 3/82	9.05	141
1970	4/24/70	4.25	55	1977	9/29/77	5.01	72				

07257100 Minnow Creek tributary near Hagarville, Ark.

Location.--Lat 35°30'11", long 93°21'56", in SE 1/4 SE 1/4 sec.19, T.10 N., R.22 W., on left bank 15 ft upstream from culvert on State Highway 123, 0.2 mile upstream from mouth, and 2.6 miles southwest of Hagarville.

Drainage area.--0.19 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from June 1969 to November 1974.

Stage-discharge relation.--Defined by culvert measurements below 176 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962			10	1970	4/24/70	6.62	176	1978	5/ 8/78	3.66	21
1963	6/16/63	3.76	36	1971	5/23/71	4.21	27	1979	3/20/79	4.38	51
1964	5/10/64	4.18	54	1972	12/10/71	5.53	102	1980	5/16/80	5.20	93
1965	11/19/64	3.68	33	1973	4/22/73	6.22	150	1981	5/21/81	3.54	17
1966	2/ 9/66	4.95	87	1974	6/ 5/74	6.00	140	1982	3/14/82	3.40	12
1967	7/ 5/67	5.08	94	1975	11/10/74	3.97	32	1983	12/ 3/82	4.74	68
1968	5/13/68	6.32	157	1976	3/ 9/76	3.59	19	1984	5/ 8/84	3.72	34
1969	12/28/68	4.06	48	1977	9/29/77	4.92	78				

07257500 Illinois Bayou near Scottsville, Ark.

Location.--Lat 35°27'58", long 93°02'28", in SW 1/4 sec.32, T.10 N., R.19 W., on downstream side of bridge on county road, 1 1/4 miles north of Scottsville, 3 miles downstream from North Fork Illinois Bayou, and at mile 28.6.

Drainage area.--241 mi².

Gage.--Nonrecording prior to March 25, 1948, and after September 30, 1970; recording from March 25, 1948, to September 30, 1970. Datum of gage is 447.54 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 57,000 ft³/s and contracted-opening measurement at 130,000 ft³/s.

Bankfull stage.--16 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1943	5/10/43	24.60	77,000	1960	11/ 4/59	17.70	24,000	1973	4/23/73	21.65	42,000
1948	1/ 1/48	15.00	18,600	1961	5/ 6/61	19.18	29,500	1974	11/25/73	19.80	32,000
1949	1/24/49	24.60	77,000	1962	2/26/62	13.43	11,100	1975	9/19/75	13.20	10,600
1950	1/ 4/50	15.30	19,400	1963	3/16/63	11.05	6,000	1976	6/23/76	10.10	4,190
1951	2/20/51	14.20	15,900	1964	3/ 9/64	16.55	20,500	1977	3/28/77	21.85	43,900
1952	3/10/52	14.08	15,600	1965	3/29/65	12.10	8,200	1978	3/24/78	13.68	7,320
1953	3/18/53	14.76	17,800	1966	2/ 9/66	18.14	25,300	1979	3/30/79	17.40	23,000
1954	5/ 2/54	16.48	23,500	1967	5/14/67	11.27	6,510	1980	12/23/79	15.50	17,100
1955	3/20/55	14.75	17,300	1968	3/20/68	17.22	22,400	1981	6/16/81	9.77	3,590
1956	2/17/56	12.84	11,000	1969	1/29/69	19.40	30,300	1982	1/30/82	17.72	24,000
1957	4/ 3/57	17.90	24,600	1970	4/19/70	18.00	25,000	1983	12/ 3/82	27.49	130,000
1958	11/13/57	13.32	10,900	1971	10/27/70	11.15	6,280	1984	5/ 7/84	14.14	13,100
1959	11/17/58	14.90	15,300	1972	12/10/71	20.45	35,000				

07257700 McCoy Creek near Dover, Ark.

Location.--Lat 35°25'04", long 93°05'09", in SE 1/4 NE 1/4 sec.23, T.9 N., R.20 W., on right wingwall 2 ft downstream from bridge on State Highway 27, 0.6 mile upstream from small tributary, and 2 miles northeast of Dover.

Drainage area.--7.05 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 430 ft³/s and by contracted-opening measurements at 4,750 ft³/s.

Remarks.--Only annual peaks are shown.

07257700 McCoy Creek near Dover, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	7.05	1,080	1969	12/27/68	7.93	1,550	1977	3/28/77	10.05	3,060
1962	2/25/62	6.30	750	1970	4/19/70	7.26	1,210	1978	5/ 8/78	5.64	530
1963	0/ 0/63	0.00	160	1971	10/13/70	4.73	220	1979	3/30/79	6.01	675
1964	4/ 3/64	8.61	1,950	1972	12/10/71	7.27	1,240	1980	12/24/79	5.79	590
1965	1/ 9/65	5.34	420	1973	4/22/73	7.75	1,400	1981	5/26/81	4.39	132
1966	2/ 9/66	6.40	690	1974	12/ 4/73	7.75	1,400	1982	1/30/82	4.48	155
1967	5/14/67	5.39	430	1975	3/28/75	8.14	1,640	1983	12/ 3/82	11.14	4,100
1968	5/13/68	11.79	4,750	1976	4/19/76	4.36	130				

07258000 Arkansas River at Dardanelle, Ark.

Location.--Lat 35°13'34", long 93°08'58", in SW 1/4 sec.29, T.7 N., R.20 W., on downstream side of bridge on State Highway 7 at Dardanelle, 1 mile upstream from Whig Creek, 2 miles downstream from Dardanelle Dam, 4.7 miles downstream from Illinois Bayou, and at mile 255.8.

Drainage area.--153,666 mi², of which about 22,241 mi² is probably noncontributing.

Gage.--Nontesting prior to January 11, 1939; recording thereafter. Datum of gage is 290.16 ft above sea level.

Stage-discharge relation.--Not defined prior to 1937. Defined by current-meter measurements since that date.

Bankfull stage.--22 ft.

Remarks.--Gage-height record prior to 1939 furnished by U.S. Weather Bureau. Peak discharges affected by storage reservoirs and power development since March 1940. Regulated by Dardanelle Dam since 1964.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1887	5/ 5/87	12.60		1920	3/29/20	20.90		1952	4/24/52	19.88	145,000
1888	5/22/88	16.10		1921	3/26/21	20.60		1953	3/18/53	19.33	137,000
1889	3/26/89	19.00		1922	4/13/22	25.20		1954	5/ 4/54	22.64	194,000
1890	4/27/90	20.00		1923	6/17/23	26.50		1955	3/21/55	17.35	109,000
1891	4/22/91	18.00		1924	12/16/23	22.00		1956	10/ 9/55	16.50	113,000
1892	5/18/92	27.50		1925	5/ 1/25	13.00		1957	5/30/57	33.42	471,000
1893	5/ 2/93	24.00		1926	10/17/25	12.10		1958	6/27/58	18.93	156,000
1894	3/21/94	17.50		1927	4/19/27	33.00		1959	7/29/59	19.36	157,000
1895	8/ 2/95	17.50		1928	12/14/27	24.50		1960	10/ 9/59	27.90	390,000
1896	12/26/95	23.50		1929	5/18/29	27.60		1961	5/12/61	25.07	271,000
1897	3/20/97	17.40		1930	5/11/30	24.30		1962	11/23/61	18.29	154,000
1898	5/10/98	28.90		1931	2/10/31	14.20		1963	10/ 6/62	10.72	62,600
1899	5/10/99	23.10		1932	1/25/32	20.20		1964	4/ 6/64	14.44	96,700
1900	7/ 7/ 0	11.30		1933	5/18/33	25.10		1965	4/11/65	17.40	127,000
1901	4/19/ 1	15.50		1934	4/ 8/34	15.50		1966	2/10/66	21.92	209,000
1902	6/ 2/ 2	17.30		1935	6/21/35	29.50		1967	7/ 5/67	14.93	88,300
1903	5/31/ 3	22.80		1936	12/ 8/35	18.50		1968	3/21/68	24.15	203,000
1904	6/ 9/ 4	28.00		1937	1/18/37	19.40		1969	1/30/69	31.46	200,000
1905	5/30/ 5	21.20		1938	2/19/38	29.55	396,000	1970	4/26/70		235,000
1906	5/ 4/ 6	19.00		1939	4/17/39	19.00	142,000	1971	10/28/70		145,000
1907	5/11/ 7	18.80		1940	9/ 7/40	16.65a	103,000	1972	12/10/71		298,000
1908	5/29/ 8	27.20		1941	4/23/41	27.16	295,000	1973	4/23/73		318,000
1909	12/ 2/ 8	24.90		1942	11/ 5/41	31.92	433,000	1974	11/25/73	38.34	302,000
1910	1/20/10	12.00		1943	5/13/43	33.30	683,000	1975	11/11/74	33.88	243,000
1911	8/ 9/11	18.40			5/25/43	33.60	682,000	1976	4/23/76	24.91	141,000
1912	5/ 3/12	24.30		1944	5/ 4/44	26.29	245,000	1977	3/28/77	32.06	221,000
1913	3/29/13	14.40		1945	4/19/45	33.15	579,000	1978	5/ 8/78	24.63	138,000
1914	12/ 7/13	16.20		1946	10/ 4/45	27.63	285,000	1979	4/ 2/79	25.09	143,000
1915	5/30/15	26.90		1947	12/13/46	26.56	303,000	1980	6/21/80	16.58	75,300
1916	1/31/16	29.80		1948	6/27/48	27.07	300,000	1981	6/17/81	14.60	63,100
1917	6/11/17	14.40		1949	5/22/49	26.97e	303,000	1982	1/31/82	29.63	192,000
1918	5/13/18	20.30		1950	5/14/50	29.20	382,000	1983	12/ 3/82	40.02	325,000
1919	11/11/18	17.90		1951	7/20/51	25.14	227,000	1984	4/12/84	24.70	139,000

07258200 Pack Saddle Creek tributary near Waldron, Ark.

Location.--Lat 34°58'18", long 94°05'42", in SE 1/4 SE 1/4 sec.29, T.4 N., R.29 W., on left bank 15 ft upstream from culvert on U.S. Highway 71, 0.4 mile upstream from small tributary, 0.5 mile upstream from mouth, and 5.2 miles north of Waldron.

Drainage area.--0.92 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from June 1969 to September 1973.

Stage-discharge relation.--Defined by current-meter measurements below 260 ft³/s and by culvert measurement at 689 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	5.79	244	1969	7/26/69	8.95	622	1977	3/28/77	5.29	200
1962	11/22/61	4.34	123	1970	4/19/70	3.87	90	1978	3/24/78	5.54	220
1963	10/20/62	4.05	102	1971	1/ 3/71	3.30	52	1979	11/16/78	5.81	245
1964	3/ 9/64	3.85	89	1972	12/10/71	5.58	228	1980	5/16/80	4.39	127
1965	2/ 9/65	5.04	180	1973	4/22/73	6.99	370	1981	7/30/81	4.66	150
1966	4/23/66	5.14	188	1974	6/ 7/74	4.17	110	1982	10/18/81	4.56	140
1967	4/13/67	4.10	110	1975	5/ 8/75	6.29	290	1983	12/ 3/82	5.70	238
1968	5/13/68	9.42	689	1976	9/20/76	3.50	66	1984	5/ 2/84	5.39	210

07258500 Petit Jean River near Booneville, Ark.

Location.--Lat 35°06'25", long 93°55'25", in NW 1/4 NW 1/4 sec. 18, T.5 N., R.27 W., on right bank at downstream side of bridge on State Highway 23, 0.5 mile downstream from Fletcher Creek, 2 1/4 miles south of Booneville, and at mile 102.3.

Drainage area.--241 mi².

Gage.--Nonrecording prior to May 24, 1939; recording from May 24, 1939, to September 30, 1984. Datum of gage is 423.39 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 21,000 ft³/s and extended by slope-area and contracted-opening measurements made by Corps of Engineers.

Bankfull stage.--19 ft.

Remarks.--Only annual peaks are shown. Published as Petit Jean "Creek" prior to 1966.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	4/16/39	23.42	43,200	1955	3/20/55	20.58	12,900	1971	11/ 9/70	12.67	4,040
1940	4/29/40	10.45	2,580	1956	2/17/56	16.72	6,240	1972	12/10/71	22.48	30,800
1941	1/ 1/41	18.81	7,640	1957	4/ 3/57	20.94	13,700	1973	4/23/73	21.68	20,500
1942	4/ 8/42	19.43	7,360	1958	5/ 2/58	21.13	15,700	1974	4/30/74	20.81	12,800
1943	5/10/43	22.59	32,300	1959	3/21/59	10.44	3,130	1975	3/28/75	21.00	13,800
1944	5/ 2/44	17.12	5,930	1960	5/20/60	21.14	15,700	1976	3/ 9/76	14.52	5,030
1945	5/15/45	21.61	20,100	1961	7/15/61	21.70	19,100	1977	3/28/77	21.19	15,200
1946	4/24/46	19.58	8,650	1962	11/22/61	20.32	11,100	1978	3/24/78	16.76	6,340
1947	12/10/46	21.24	16,400	1963	11/ 7/62	9.04	2,510	1979	4/ 1/79	20.82	13,100
1948	12/31/47	20.92	14,500	1964	3/ 9/64	15.86	5,780	1980	5/16/80	17.24	6,600
1949	1/25/49	22.40	29,800	1965	2/ 9/65	20.06	10,700	1981	5/31/81	15.14	5,360
1950	2/12/50	21.40	18,100	1966	2/ 9/66	20.40	12,000	1982	1/31/82	21.00	15,000
1951	2/15/51	19.43	8,290	1967	4/23/67	17.58	6,840	1983	12/ 3/82	22.03	19,900
1952	4/12/52	20.49	11,500	1968	5/14/68	22.21	27,300	1984	5/ 3/84	15.61	5,620
1953	3/17/53	20.99	15,100	1969	7/26/69	21.85	22,600				
1954	5/ 2/54	15.47	5,190	1970	4/17/70	20.58	11,800				

07259500 Petit Jean River near Waveland, Ark.

Location.--Lat 35°06'17", long 93°37'51", in SE 1/4 SW 1/4 sec.11, T.5 N., R.25 W., on left bank 0.8 mile downstream from Rock Creek, 1.2 miles downstream from Cedar Creek, 1.3 miles south of Waveland, 1.4 miles downstream from Blue Mountain Dam, and at mile 73.0.

Drainage area.--516 mi² (495 mi² at former site).

Gage.--Crest-stage gage. Recording prior to September 30, 1980. Prior to October 1, 1943, at site 1 3/4 miles upstream at datum 9.54 ft higher. Datum of present gage is 339.70 ft above sea level (Corps of Engineers benchmark).

Stage-discharge relation.--Defined by current-meter measurements at former site below 13,000 ft³/s and extended by velocity-area study and slope-area measurement at 62,600 ft³/s. Defined by current-meter measurements at present site.

Bankfull stage.--22 ft.

Remarks.--Flow regulated by Blue Mountain Reservoir since May 7, 1946 (capacity, 258,000 acre-ft). Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	4/16/39	29.95	62,600	1955	2/24/55	16.72	2,820	1971	11/ 1/70	11.57	1,560
1940	4/29/40	13.65	3,700	1956	2/23/56	15.80	2,550	1972	12/10/71	24.62	6,320
1941	1/ 2/41	20.75	7,460	1957	8/15/57	22.00	4,600	1973	4/23/73	24.85	6,480
1942	4/ 9/42	21.64	9,950	1958	3/23/58	15.65	2,650	1974	12/ 4/73	19.97	4,070
1943	5/11/43	28.70	38,000	1959	3/26/59	20.60	4,020	1975	3/28/75	18.69	3,590
1944	5/ 2/44	28.10	11,400	1960	5/20/60	22.05	4,600	1976	3/13/76	14.09	2,190
1945	3/30/45	32.23	37,100	1961	12/16/60	14.72	2,400	1977	3/27/77	20.39	4,230
1946	2/14/46	29.07	14,000	1962	12/13/61	14.51	2,350	1978	5/ 8/78	13.84	2,170
1947	12/13/46	27.63	9,050	1963	3/ 7/63	11.25	1,470	1979	4/ 1/79	18.23	3,680
1948	1/ 2/48	27.25	8,580	1964	3/ 9/64	12.05	1,670	1980	5/22/80	13.05	2,120
1949	1/24/49	24.27	5,900	1965	2/20/65	13.76	2,700	1981	6/12/81	14.29	2,490
1950	2/12/50	21.67	4,860	1966	4/23/66	19.10	3,740	1982	2/23/82	15.13	2,740
1951	2/25/51	15.63	2,500	1967	4/16/67	15.62	2,650	1983	12/ 3/82	28.51	9,100
1952	4/22/52	19.42	3,800	1968	5/14/68	26.67	7,660	1984	3/11/84	14.18	2,450
1953	3/17/53	24.58	6,310	1969	12/27/68	23.34	5,550				
1954	5/ 2/54	17.44	3,150	1970	4/19/70	24.11	6,000				

07260000 Dutch Creek at Waltreak, Ark.

Location.--Lat 34°59'15", long 93°36'45", in SE 1/4 NW 1/4 sec.24, T.4 N., R.25 W., on left bank 1/4 mile north of Waltreak and at mile 21.0.

Drainage area.--81.4 mi².

Gage.--Crest-stage gage. Recording prior to September 1975. Datum of gage is 371.48 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--17 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927		19.50	14,600	1959	3/26/59	14.88	7,130	1973	5/ 1/73	16.99	9,390
1946	2/13/46	17.42	11,400	1960	5/20/60	19.36	14,300	1974	6/ 7/74	16.44	8,650
1947	12/12/46	16.66	10,100	1961	12/11/60	14.24	6,220	1975	3/28/75	13.95	5,970
1948	1/ 1/48	18.12	13,000	1962	11/22/61	10.94	3,220	1976	3/ 9/76	6.61	770
1949	1/24/49	18.45	13,700	1963	3/19/63	11.36	3,640	1977	3/27/77	17.20	9,700
1950	7/23/50	16.56	10,100	1964	5/10/64	13.04	5,070	1978	5/ 8/78	9.39	2,260
1951	2/15/51	10.76	3,140	1965	2/ 9/65	12.42	4,530	1979	4/ 1/79	17.02	9,430
1952	4/22/52	17.40	11,100	1966	4/24/66	14.90	6,920	1980	5/16/80	10.69	3,130
1953	11/25/52	16.56	9,160	1967	7/29/67	11.97	4,140	1981	6/ 6/81	9.43	2,290
1954	5/ 2/54	16.46	9,700	1968	5/14/68	17.58	10,300	1982	1/30/82	11.23	3,560
1955	3/21/55	12.81	4,620	1969	7/26/69	22.38	24,500	1983	12/ 3/82	20.75	18,400
1956	2/17/56	11.39	3,530	1970	4/19/70	16.07	8,200	1984	5/ 2/84	12.12	4,280
1957	4/ 3/57	15.04	7,270	1971	10/27/70	9.26	2,100				
1958	5/ 2/58	12.80	4,890	1972	12/10/71	19.16	13,700				

07260500 Petit Jean River at Danville, Ark.

Location.--Lat 35°03'33", long 93°23'44", in NW 1/4 SE 1/4 sec.25, T.5 N., R.23 W., on left bank at downstream side of bridge on State Highway 10 at Danville, 1,800 ft upstream from Chicago, Rock Island and Pacific Railroad Co. bridge, 0.5 mile upstream from Spring Creek, and 0.6 mile downstream from Dutch Creek.

Drainage area.--764 mi².

Gage.--Nonrecording prior to July 13, 1939; recording gage and concrete control thereafter. Prior to August 25, 1934, at site 1,800 ft downstream at datum 0.25 ft higher. Datum of present gage is 303.33 ft above sea level. Since June 18, 1954, auxiliary water-stage recorder 2.2 miles downstream.

Stage-discharge relation.--Defined by current-meter measurements below 57,000 ft³/s.

Bankfull stage.--20 ft.

Remarks.--Records prior to July 1937 computed by Corps of Engineers using gage heights furnished by U.S. Weather Bureau, reviewed by U.S. Geological Survey. Flow regulated by Blue Mountain Reservoir since May 7, 1946. Published as Petit Jean "Creek" prior to 1965.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1917	6/ 3/17	21.70	6,290	1939	4/17/39	31.82	70,800	1962	2/26/62	20.21	3,820
1918	5/14/18	20.90	5,010	1940	4/30/40	19.30	3,380	1963	3/20/63	16.84	2,850
1919	12/15/18	24.30	14,600	1941	1/ 4/41	22.18	6,330	1964	3/10/64	21.77	5,250
1920	1/24/20	24.80	17,700	1942	11/ 1/41	24.18	13,000	1965	1/10/65	20.48	3,830
1921	4/28/21	24.70	17,000	1943	5/12/43	28.12	35,500	1966	4/25/66	21.47	7,830
1922	11/20/21	24.00	15,800	1944	5/ 4/44	24.02	12,200	1967	5/ 7/67	19.64	4,860
1923	5/16/23	25.10	19,800	1945	3/31/45	29.50	45,700	1968	5/14/68	25.18	20,000
1924	4/30/24	25.40	22,200	1946	2/14/46	25.05	13,400	1969	1/31/69	24.25	14,400
1925	2/24/25	18.30	3,020	1947	12/13/46	24.99	13,400	1970	4/20/70	23.69	13,000
1926	10/18/25	23.50	10,900	1948	1/ 1/48	25.05	13,400	1971	2/13/71	13.93	2,620
1927	4/15/27	28.40	50,900	1949	1/25/49	27.85	27,000	1972	12/10/71	26.37	27,500
1928	4/ 7/28	25.50	23,000	1950	1/14/50	25.43	15,000	1973	11/ 2/72	24.02	12,300
1929	1/26/29	23.90	12,600	1951	2/16/51	22.07	5,730	1974	12/ 5/73	22.73	8,200
1930	5/11/30	26.30	30,200	1952	4/23/52	25.12	14,200	1975	3/29/75	24.40	14,500
1931	2/24/31	21.40	5,770	1953	3/18/53	24.14a	11,100	1976	3/ 9/76	15.57	2,390
1932	2/18/32	24.40	15,200	1954	5/ 3/54	24.35	11,200	1977	3/28/77	24.75	18,800
1933	5/17/33	23.60	11,300	1955	3/22/55	21.66	5,190	1978	5/ 9/78	22.15	7,250
1934	3/27/34	22.90	8,970	1956	2/19/56	22.10	5,730	1979	4/ 2/79	24.49	15,600
1935	6/18/35	30.20	58,300	1957	4/ 4/57	25.53	16,300	1980	5/16/80	18.09	3,360
1936	12/ 9/35	23.30	9,560	1958	5/ 3/58	23.77	11,100	1981	6/ 7/81	19.65	3,960
1937	1/23/37	24.30	13,000	1959	3/27/59	21.54	5,310	1982	3/15/82	20.31	4,780
1938	2/18/38	29.30	45,400	1960	5/21/60	25.16	15,800	1983	12/ 3/82	29.36	47,500
	1/25/38	27.12	28,000	1961	12/12/60	21.72	5,700	1984	5/ 4/84	21.87	6,340

07260630 Jake Creek near Chickalah, Ark.

Location.--Lat 35°07'49", long 93°20'19", in SW 1/4 SE 1/4 sec.33, T.6 N., R.22 W., on left bank 30 ft upstream from culvert on State Highway 27, 0.6 mile northeast of Ranger, 1.6 miles upstream from small tributary, 2.2 miles upstream from mouth, and 4.2 miles southwest of Chickalah.

Drainage area.--1.85 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 75 ft³/s and by culvert measurements below 2,200 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	7.56	495	1968	3/20/68	8.16	675	1975	3/28/75	7.63	505
1962	2/23/62	4.84	98	1969	6/24/69	8.78	815	1976	6/25/76	5.18	102
1963	2/28/63	5.21	136	1970	4/19/70	7.18	425	1977	3/28/77	7.09	410
1964	3/ 9/64	6.57	324	1971	6/ 1/71	6.73	355	1978	5/ 8/78	7.29	443
1965	3/29/65	7.31	450	1972	12/ 9/71	8.60	765	1979	5/22/79	8.37	695
1966	2/ 9/66	6.88	375	1973	3/10/73	9.72	997	1980	12/24/79	5.30	140
1967	5/ 6/67	7.49	480	1974	10/12/73	10.20	1,070	1983	12/ 3/82	14.58	2,200

07260679 East Fork Point Remove Creek tributary near Saint Vincent, Ark.

Location.--Lat 35°16'10", long 92°43'59", in NE 1/4 NE 1/4 sec.7, T.7 N., R.16 W., Conway County, at culvert on State Highway 213, 2.2 miles south of Saint Vincent.

Drainage area.--0.09 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by culvert measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1967	6/24/67	6.00	32	1973	4/22/73	7.10	64	1979	5/12/79	6.06	24
1968	3/20/68	7.69	82	1974	6/ 5/74	6.44	41	1980	6/18/80	5.57	13
1969	12/27/68	5.88	26	1975	3/28/75	6.79	54	1981	5/10/81	6.34	37
1970	4/19/70	6.42	42	1976	5/15/76	5.66	16	1982	1/30/82	5.84	21
1971	4/23/71	6.20	35	1977	3/28/77	6.13	31	1983	12/ 3/82	8.24	102
1972	12/10/71	6.03	30	1978	3/ 8/78	6.75	50				

07261000 Cadron Creek near Guy, Ark.

Location.--Lat 35°17'56", long 92°24'10", in NW 1/4 SE 1/4 sec.29, T.8 N., R.13 W., on downstream side of bridge on U.S. Highway 65, 4.3 miles southwest of Guy, 10.5 miles upstream from Cove Creek, and at mile 48.3.

Drainage area.--169 mi².

Gage.--Recording. Datum of gage is 371.68 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 18,000 ft³/s.

Remarks.--Only annual peaks are shown. Published as "North Fork Cadron Creek" prior to 1966.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1955	3/21/55	13.58	6,010	1965	9/22/65	16.72	9,120	1975	3/29/75	23.49	16,600
1956	2/18/56	16.05	8,070	1966	4/24/66	19.07	11,900	1976	6/25/76	15.58	7,750
1957	8/14/57	24.95	18,600	1967	12/28/66	9.79	3,360	1977	3/28/77	20.46	13,000
1958	5/ 3/58	18.19	10,400	1968	5/14/68	23.68	16,900	1978	5/ 8/78	16.05	8,180
1959	2/14/59	12.58	5,430	1969	1/30/69	20.35	12,700	1979	4/ 1/79	23.24	16,300
1960	6/27/60	14.14	6,640	1970	4/25/70	18.33	10,600	1980	12/24/79	7.36	1,870
1961	5/ 6/61	21.82	15,400	1971	10/27/70	11.89	4,720	1981	6/ 1/81	8.42	2,460
1962	2/27/62	13.27	5,990	1972	12/10/71	16.20	8,330	1982	1/31/82	16.65	8,780
1963	3/11/63	10.11	3,570	1973	4/20/73	21.26	13,900	1983	12/ 4/82	29.29	24,200
1964	3/10/64	18.78	10,700	1974	12/ 4/73	18.59	10,800	1984	2/12/84	10.91	4,010

07261050 Pine Mountain Creek tributary near Damascus, Ark.

Location.--Lat 35°23'19", long 92°23'17", in NW 1/4 SW 1/4 sec.28, T.9 N., R.13 W., on right wingwall 27 ft upstream from culvert on State Highway 124, just east of junction with U.S. Highway 65, 0.5 mile upstream from mouth, and 2.0 miles northeast of Damascus.

Drainage area.--0.29 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from July 1969 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 41 ft³/s and by culvert measurements below 573 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	10.22	270	1969	1/30/69	7.96	103	1977	9/25/77	8.13	113
1962	2/26/62	6.93	39	1970	4/19/70	8.99	175	1978	5/ 8/78	7.84	95
1963	3/11/63	6.87	37	1971	10/27/70	7.23	60	1979	5/30/79	7.57	83
1964	3/ 9/64	7.39	70	1972	12/ 9/71	8.05	110	1980	10/31/79	7.40	67
1965	9/21/65	7.53	82	1973	4/19/73	9.64	223	1981	2/10/81	8.25	125
1966	4/23/66	7.54	82	1974	11/24/73	8.41	135	1983	12/ 3/82	13.50	573
1967	7/ 6/67	6.64	24	1975	3/28/75	8.02	108				
1968	9/23/68	7.65	85	1976	6/24/76	9.09	182				

07261300 Tan-a-hill Creek near Boles, Ark.

Location.--Lat 34°43'49", long 94°04'43", in SW 1/4 NW 1/4 sec.22, T.1 N., R.29 W., on left bank 35 ft upstream from culvert on U.S. Highway 71, just upstream from small tributary, 0.3 mile southwest of "Y" City, 0.5 mile upstream from mouth, and 3.8 miles southwest of Boles.

Drainage area.--2.33 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 130 ft³/s and by culvert measurements below 2,420 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1960	5/20/60	12.30	1,660	1968	5/13/68	7.26	590	1976	3/ 8/76	4.99	122
1961	12/10/60	6.03	330	1969	7/26/69	6.41	408	1977	3/28/77	7.39	605
1962	11/22/61	4.30	65	1970	4/19/70	5.81	285	1978	3/24/78	5.11	145
1963	5/26/63	4.96	140	1971	10/26/70	7.85	700	1979	4/ 1/79	7.87	700
1964	3/ 9/64	5.85	296	1972	12/10/71	12.58	1,960	1980	12/24/79	5.74	250
1965	5/10/65	5.13	165	1973	10/31/72	13.08	2,420	1981	7/30/81	6.57	440
1966	2/ 9/66	4.91	130	1974	6/ 8/74	13.50	3,100				
1967	5/ 6/67	5.73	250	1975	3/28/75	9.22	820				

07261500 Fourche Lafave River near Gravelly, Ark.

Location.--Lat 34°52'21", long 93°39'24", in NW 1/4 NW 1/4 sec.34, T.3 N., R.25 W., on left bank at downstream side of bridge on State Highway 28, 1 mile downstream from Gerner Creek, 1 3/4 miles east of Gravelly, 6.4 miles upstream from Gaffords Creek, and at mile 103.7.

Drainage area.--410 mi².

Gage.--Nonrecording prior to May 11, 1939; recording thereafter. Datum of gage is 410.50 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 47,000 ft³/s and indirect measurement at 162,000 ft³/s.

Bankfull stage.--24 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	4/16/39	27.00	38,000	1955	3/21/55	17.60	13,900	1971	10/27/70	15.46	11,100
1940	4/29/40	10.32	4,630	1956	2/18/56	16.59	12,600	1972	12/10/71	30.10	67,200
1941	5/ 9/41	9.35	3,970	1957	4/ 4/57	22.39	21,800	1973	10/31/72	27.65	42,100
1942	10/31/41	25.87	29,100	1958	5/ 3/58	23.21	24,300	1974	6/ 7/74	29.23	57,600
1943	5/20/43	15.61	11,300	1959	11/17/58	19.39	16,500	1975	3/29/75	25.44	30,000
1944	5/ 2/44	20.03	17,000	1960	5/20/60	30.30	69,400	1976	3/ 9/76	11.84	6,660
1945	3/29/45	27.01	38,000	1961	12/11/60	19.29	16,400	1977	3/28/77	27.82	43,700
1946	2/14/46	24.77	25,200	1962	11/23/61	17.10	13,200	1978	3/24/78	13.42	8,490
1947	12/12/46	25.75	28,800	1963	3/19/63	16.98	13,100	1979	4/ 1/79	25.20	29,500
1948	1/ 1/48	27.37	39,800	1964	3/ 9/64	20.46	18,300	1980	12/24/79	18.24	14,800
1949	1/24/49	28.86	54,000	1965	2/10/65	19.85	17,100	1981	6/ 7/81	16.46	12,400
1950	2/13/50	27.20	38,400	1966	2/10/66	23.20	23,400	1982	1/31/82	24.55	27,200
1951	2/15/51	15.77	11,000	1967	5/ 6/67	18.86	15,700	1983	12/ 3/82	32.45	162,000
1952	4/22/52	26.99	37,700	1968	5/14/68	26.95	37,400	1984	5/ 3/84	17.29	15,000
1953	5/13/53	22.77	22,600	1969	7/26/69	30.30	69,400				
1954	5/ 2/54	26.20	33,400	1970	4/19/70	22.18	21,400				

07261800 Brogan Creek near Rover, Ark.

Location.--Lat 34°54'27", long 93°24'05", in NW 1/4 SE 1/4 sec.13, T.3 N., R.23 W., on right bank 35 ft upstream from culvert on State Highway 27, just downstream from small tributary, 0.3 mile upstream from small tributary, and 2.7 miles south of Rover.

Drainage area.--1.04 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 18 ft³/s and by culvert measurements at 239 ft³/s and 1,010 ft³/s.

Remarks.--Only annual peaks are shown. Published as "Fourche Lafave River tributary" prior to 1968.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	5/27/63	4.50	100	1971	8/26/71	5.67	265	1979	3/30/79	5.71	270
1964	3/ 9/64	5.41	239	1972	12/ 9/71	9.03	890	1980	4/25/80	4.16	65
1965	5/27/65	5.40	239	1973	3/10/73	4.78	140	1981	6/16/81	4.73	135
1966	4/23/66	9.59	1,010	1974	6/ 7/74	6.66	425	1982	3/15/82	4.73	135
1967	5/19/67	5.67	270	1975	3/28/75	6.46	390	1983	12/ 3/82	10.65	1,260
1968	5/13/68	6.39	380	1976	3/ 8/76	4.21	70	1984	2/12/84	4.48	98
1969	1/30/69	5.08	180	1977	3/28/77	5.67	265				
1970	4/19/70	4.81	145	1978	8/30/78	4.13	60				

07262500 Fourche Lafave River near Nimrod, Ark.

Location.--Lat 34°57'02", long 93°09'16", in NW 1/4 SW 1/4 sec.32, T.4 N., R.20 W., on left bank 2,000 ft downstream from Nimrod Dam, 4.5 miles southwest of Nimrod, 9.8 miles upstream from South Fourche Lafave River, and at mile 62.2.

Drainage area.--684 mi².

Gage.--Nonrecording prior to December 20, 1938, at site 1.1 miles downstream at datum 3.92 ft lower; recording thereafter. December 21, 1938, to August 26, 1946, at site 2.0 miles downstream at datum 9.72 ft lower. Datum of present gage is 305.25 ft above sea level (Corps of Engineers benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 34,000 ft³/s.

Historical data.--Flood in April 1927 reached a stage of 28.15 ft at site and datum of nonrecording gage, from information by Corps of Engineers. Flood in June 1935 reached a stage of 28.8 ft at present site and datum, from information by Corps of Engineers.

Remarks.--Records prior to 1938 furnished by Corps of Engineers and reviewed by Geological Survey. Flow completely regulated by Nimrod Reservoir since May 1942 (capacity, 336,000 acre-ft). Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/ 1/27		32,800	1952	5/ 5/52	10.20	6,850	1969	1/ 3/69	9.08	5,120
1935	6/ 1/35		39,000	1953	5/25/53	10.09	6,680	1970	1/ 8/70	9.04	5,070
1937	1/23/37	22.80	21,800	1954	5/11/54	9.68	6,000	1971	11/ 2/70	7.57	3,500
1938	2/19/38	29.70	36,100	1955	3/27/55	9.54	5,670	1972	1/16/72	9.87	5,990
1939	4/18/39	30.45	34,600	1956	2/13/56	9.68	5,830	1973	4/25/73	12.36	9,420
1940	6/11/40	10.80	4,910	1957	7/18/57	9.72	5,830	1974	7/ 2/74	8.78	4,790
1941	2/ 4/41	9.35	3,680	1958	5/26/58	9.70	5,930	1975	4/16/75	9.07	5,110
1942	4/29/42	18.21	10,700	1959	11/20/58	9.54	5,540	1976	3/11/76	7.50	3,430
1943	12/30/42	15.86	9,900	1960	12/14/59	9.53	5,540	1977	4/11/77	9.44	5,510
1944	4/25/44	13.21	7,180	1961	3/16/61	9.42	5,570	1978	3/15/78	8.70	4,700
1945	4/ 1/45	26.19	20,000	1962	3/ 7/62	9.18	5,140	1979	6/ 8/79	9.68	5,780
1946	2/14/46	15.93	9,380	1963	3/21/63	8.32	4,260	1980	12/27/79	9.28	5,300
1947	12/20/46	10.36	7,210	1964	3/17/64	9.11	5,140	1981	6/ 9/81	8.52	4,450
1948		9.74	6,170	1965	2/16/65	8.92	4,920	1982	3/18/82	9.38	5,410
1949	2/ 6/49	10.38	7,480	1966	5/10/66	9.60	5,730	1983	12/ 3/82	10.03	6,200
1950	2/21/50	10.31	7,030	1967	5/12/67	8.96	4,990	1984	12/ 8/83	9.29	5,310
1951	3/ 5/51	9.79	5,830	1968	12/27/67	9.43	5,500				

07263000 South Fourche Lafave River near Hollis, Ark.

Location.--Lat 34°54'41", long 93°03'21", in SE 1/4 NE 1/4 sec.18, T.3 N., R.19 W., on left bank 0.8 mile upstream from Big Cove Creek, 4 miles northeast of Hollis, end at mile 5.6.

Drainage area.--210 mi².

Gage.--Recording. Datum of gage is 366.10 ft above sea level (Corps of Engineers benchmark).

Stage-discharge relation.--Defined by current-meter measurements below 35,000 ft³/s and extended on basis of slope-area measurements at 47,000 ft³/s and 54,000 ft³/s.

Remarks.--Prior to March 1, 1978, records furnished by Corps of Engineers and reviewed by Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1942	4/27/42	15.80	29,700	1957	4/ 3/57	14.56	24,000	1972	12/10/71	16.74	35,000
1943	12/27/42	13.29	18,500	1958	5/ 2/58	14.56	24,000	1973	3/ 2/73	11.85	15,300
1944	4/23/44	18.51	47,000	1959	2/14/59	11.01	11,800	1974	6/ 7/74	15.58	28,600
1945	3/30/45	19.47	54,400	1960	5/20/60	15.11	26,300	1975	3/28/75	15.92	30,300
1946	3/28/46	14.16	22,200	1961	12/11/60	10.78	11,200	1976	12/29/75	9.00	6,800
1947	12/12/46	13.96	21,300	1962	2/26/62	10.42	10,000	1977	3/28/77	13.26	19,800
1948	4/13/48	12.21	14,600	1963	7/16/63	15.63	28,700	1978	11/ 1/77	7.49	4,070
1949	1/24/49	16.04	30,700	1964	3/ 9/64	17.17	37,800	1979	12/ 3/78	15.03	27,600
1950	1/ 2/50	13.24	18,200	1965	9/22/65	13.19	19,000	1980	12/24/79	9.58	8,080
1951	2/15/51	11.38	12,300	1966	4/24/66	17.23	37,800	1981	6/ 7/81	8.75	6,320
1952	4/22/52	13.22	18,300	1967	5/31/67	11.66	14,600	1982	3/14/82	11.17	12,500
1953	12/ 4/52	15.51	28,200	1968	5/14/68	13.79	21,400	1983	12/ 3/82	24.55	94,000
1954	5/ 2/54	16.30	32,400	1969	1/30/69	17.10	37,200	1984	9/23/84	10.95	11,800
1955	3/20/55	13.38	19,100	1970	4/19/70	12.47	17,200				
1956	1/29/56	12.75	17,000	1971	10/27/70	12.79	18,200				

07263100 Fourche Lafave River tributary near Perryville, Ark.

Location.--Lat 35°01'14", long 92°46'06", in NW 1/4 SW 1/4 sec.1, T.4 N., R.17 W., on right bank wingwall 25 ft upstream from culvert on State Highway 60, 1.6 miles upstream from mouth, and 2.2 miles northeast of Perryville.

Drainage area.--1.47 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 180 ft³/s and by culvert measurements at 461 ft³/s, 662 ft³/s, and 1,150 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962			80	1970	3/ 3/70	8.15	380	1978	5/ 8/78	7.19	185
1963			180	1971	8/ 3/71	6.45	90	1979	11/16/78	8.45	445
1964	3/ 9/64	8.42	461	1972	12/ 9/71	8.48	450	1980	4/ 8/80	7.95	340
1965	2/11/65	6.79	128	1973	4/22/73	7.76	300	1981	5/26/81	6.94	150
1966	4/23/66	9.51	662	1974	12/ 4/73	7.61	270	1982	4/ 3/82	8.20	390
1967	9/ 7/67	6.55	100	1975	3/28/75	9.72	700	1983	12/ 3/82	11.45	1,150
1968	5/13/68	7.86	320	1976	6/25/76	8.99	553	1984	5/ 3/84	7.37	220
1969	1/30/69	7.90	330	1977	9/28/77	7.55	255				

07263400 Little Maumelle River at Ferndale, Ark.

Location.--Lat 34°46'48", long 92°33'15", in NW 1/4 SE 1/4 sec.25, T.2 N., R.15 W., on downstream left bank 25 ft downstream from bridge on county road, 0.2 mile northeast of Ferndale, and 0.4 mile downstream from Ferndale Creek.

Drainage area.--15.0 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 2,200 ft³/s and by contracted-opening measurement at 9,430 ft³/s.

Remarks.--Only annual peaks are shown.

07263400 Little Maumelle River at Ferndale, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	3/11/63	7.88	630	1971	10/26/70	12.66	5,000	1979	4/23/79	11.27	3,000
1964	3/ 9/64	11.43	3,600	1972	12/ 9/71	7.44	500	1980	5/22/80	7.28	540
1965	1/ 9/65	11.00	2,900	1973	3/10/73	15.01	10,800	1981	5/26/81	11.50	3,280
1966	4/23/66	12.19	4,300	1974	4/21/74	12.34	4,500	1982	5/ 6/82	11.55	3,330
1967	5/ 1/67	9.49	1,350	1975	3/28/75	11.22	3,000	1983	12/ 3/82	11.18	2,800
1968	5/13/68	10.88	2,500	1976	6/24/76	9.38	1,250	1984	5/ 3/84	8.32	750
1969	1/30/69	14.55	9,430	1977	10/25/76	10.59	2,270				
1970	12/29/69	9.67	1,420	1978	9/13/78	13.00	5,600				

07263450 Arkansas River at Murray Dam, at Little Rock, Ark.

Location.--Lat 34°47'27", long 92°21'32", in sec.23, T.2 N., R.13 W., Pulaski County, in Murray Dam control house on right bank and at mile 141.5.

Drainage area.--158,030 mi², of which 22,241 mi² is probably noncontributing.

Gage.--Water-stage and gate-position recorder. Datum of gage is sea level (levels by U.S. Army Corps of Engineers). Prior to October 1, 1934, nonrecording gage, October 1, 1934, to May 9, 1970, recording gage at site 6.2 miles downstream at datum 223.61 ft higher. September 20, 1968, to May 9, 1970, auxiliary water-stage recorder 5.5 miles upstream from former gage.

Remarks.--Beginning May 10, 1970, daily discharge computed from relation between discharge, head, and gate openings. Flow regulated upstream by many locks, dams, and reservoirs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1833	6/ /33	34.60		1910	5/26/10	14.50		1948	6/28/48	20.80	264,000
1844	5/ /44	32.60		1911	8/10/11	18.50		1949	1/26/49	20.28	301,000
1873	4/12/73	25.60		1912	5/ 4/12	24.00		1950	5/15/50	22.80	358,000
1874	4/24/74	26.00		1913	4/13/13	17.40		1951	7/ 8/51	19.79	235,000
1875	8/ 5/75	24.80		1914	5/ 8/14	17.80		1952	4/25/52	16.20	167,000
1876	7/ 7/76	29.30		1915	6/ 1/15	25.40		1953	3/19/53	15.24	159,000
1877	6/13/77	30.50		1916	2/ 2/16	27.30		1954	5/ 5/54	17.86	210,000
1878	5/28/78	27.30		1917	6/12/17	15.00		1955	3/22/55	13.85	130,000
1879	2/ 3/79	19.40		1918	5/14/18	18.90		1956	10/10/55	11.94	102,000
1880	3/14/80	16.10		1919	11/13/18	16.90		1957	5/31/57	27.87	460,000
1881	2/20/81	18.60		1920	3/30/20	20.60		1958	5/11/58	17.43	187,000
1882	2/25/82	25.10		1921	4/30/21	20.80		1959	7/30/59	15.00	151,000
1883	2/19/83	24.40		1922	4/14/22	23.10		1960	10/10/59	23.85	350,000
1884	2/16/84	27.00		1923	6/18/23	25.30	300,000	1961	5/13/61	21.90	288,000
1885	4/27/85	26.60		1924	5/ 3/24	21.00		1962	11/24/61	16.09	162,000
1886	2/15/86	16.60		1925	5/ 2/25	12.00		1963	10/ 7/62	7.80	65,300
1887	5/ 6/87	16.50		1926	9/11/26	14.20		1964	4/ 7/64	12.76	106,000
1888	5/23/88	18.40		1927	4/20/27	33.00		1965	4/12/65	14.82	127,000
1889	3/28/89	21.50		1928	10/ 7/27	20.90	220,000	1966	4/27/66	16.50	148,000
1890	4/29/90	24.30		1929	5/19/29	23.30	275,000	1967	7/ 7/67	11.99	88,400
1891	4/23/91	20.90		1930	5/12/30	21.30	221,000	1968	5/16/68	19.87	202,000
1892	5/20/92	27.90		1931	2/11/31	13.00	97,000	1969	1/31/69	16.98	182,000
1893	5/ 3/93	25.20		1932	1/26/32	19.50	233,000	1970	4/27/70		223,000
1894	5/22/94	22.60		1933	5/19/33	22.70	277,000	1971	10/28/70		161,000
1895	8/ 3/95	19.10		1934	4/ 9/34	15.52	127,000	1972	12/12/71		247,000
1896	12/29/95	23.50		1935	6/22/35	28.18	422,000	1973	4/24/73		329,000
1897	3/21/97	21.40		1936	12/ 9/35	18.00	144,000	1974	11/27/73		304,000
1898	5/11/98	27.50		1937	1/18/37	18.74	170,000	1975	11/13/74		240,000
1899	5/11/99	24.50		1938	2/21/38	26.20a	471,000	1976	4/23/76		149,000
1900	2/11/ 0	12.50		1939	4/18/39	18.12	181,000	1977	3/29/77		210,000
1901	4/20/ 1	17.90		1940	9/ 9/40	11.87	92,300	1978	5/ 9/78		159,000
1902	5/28/ 2	18.10		1941	4/24/41	22.36	294,000	1979	4/ 2/79	245.90	181,000
1903	6/ 3/ 3	24.80		1942	11/ 7/41	26.33	404,000	1980	4/ 8/80		79,800
1904	6/11/ 4	27.80		1943	5/27/43	30.05	536,000	1981	6/17/81		73,700
1905	5/31/ 5	23.00			5/16/43	28.34	484,000	1982	2/ 1/82		176,000
1906	5/ 5/ 6	20.50			5/ 4/44	22.35a	282,000	1983	12/ 4/82		290,000
1907	5/11/ 7	21.50			4/21/45	28.13	467,000	1984	4/10/84		171,000
1908	5/30/ 8	26.50		1946	10/ 4/45	21.22	268,000				
1909	5/29/ 9	23.50		1947	12/13/46	20.56a	288,000				

07263860 Mile Branch near Tomberlin, Ark.

Location.--Lat 34°29'08", long 91°51'14", in NW 1/4 NE 1/4 sec.3, T.3 S., R.8 W., on left bank 90 ft downstream from bridge on county road, 0.6 mile east of State Highway 31, and 2.3 miles southeast of Tomberlin.

Drainage area.--2.75 mi².

Gage.--Crest-stage gage. Supplementary dual-digitel recorders from July 1969 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 200 ft³/s and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown. Published as "Main Ditch Lateral No. 9 tributary" prior to 1964.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	7/15/63	9.35	142	1969	1/30/69	10.49	205	1975	1/10/75	10.91	475
1964	4/23/64	10.51	330	1970	3/ 3/70	10.77	245	1976	3/ 8/76	10.53	355
1965	6/ 7/65	10.91	470	1971	8/ 3/71	10.72	235	1977	10/25/76	10.51	350
1966	8/13/66	10.93	480	1972	12/ 9/71	9.66	107	1978	8/29/78	10.63	380
1967	12/27/66	10.88	470	1973	4/19/73	10.97	490	1979	12/ 8/78	11.16	570
1968	12/ 2/67	10.97	490	1974	11/24/73	10.90	475				

07263910 Cypress Branch near Jacksonville, Ark.

Location.--Lat 34°54'28", long 92°10'55", in SE 1/4 NE 1/4 sec.9, T.3 N., R.11 W., on left bank 47 ft upstream from culvert on State Highway 107, 1.0 mile upstream from mouth, and 5.0 miles northwest of Jacksonville.

Drainage area.--2.38 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 240 ft³/s and by culvert measurement at 1,280 ft³/s. Affected at times by backwater from Bayou Meto.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	7/ /61	10.55	580	1969	1/30/69	15.84	1,300	1977	9/14/77	10.41	525
1962	11/22/61	10.56	585	1970	4/17/70	9.40	295	1978	11/ 3/77	11.15	790
1963	3/ 4/63	10.43	540	1971	8/ 5/71	10.33	505	1979	4/23/79	10.03	425
1964	11/22/63	12.06	1,280	1972	12/10/71	9.41	295	1980	12/24/79	10.09	441
1965	9/22/65	10.88	680	1973	4/19/73	11.55	985	1981	5/26/81	10.66	600
1966	4/24/66	11.17	790	1974	4/21/74	11.20	810	1982	4/ 2/82	10.71	620
1967	7/12/67	10.51	555	1975	3/28/75	10.08	440	1983	5/15/83	11.30	855
1968	5/13/68	12.53	800	1976	6/18/76	9.95	410	1984	4/ 3/84	10.16	470

07264000 Bayou Meto near Lonoke, Ark.

Location.--Lat 34°44'10", long 91°54'58", in SW 1/4 sec.6, T.1 N., R.8 W., near left bank on downstream side of bridge on State Highway 31, 3 miles upstream from Brushy Slough, 3 1/2 miles south of Lonoke, and at mile 6.4.

Drainage area.--207 mi².

Gage.--Recording. Prior to February 10, 1955, at site 4.8 miles upstream at datum 6.97 ft higher. Datum of present gage is 199.11 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements at present site. Not adequately defined at former site.

Bankfull stage.--16 ft.

Remarks.--Gage-height records prior to 1955 furnished by Corps of Engineers. Only annual peaks are shown. Published by Corps of Engineers as "Big Bayou Meto".

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1937	1/ /37	22.90		1960	12/19/59	22.33	1,840	1973	4/26/73	25.75	4,090
1948	3/ /48	20.20		1961	4/ 5/61	23.03	2,050	1974	11/30/73	25.32	3,710
1949	1/30/49	22.10		1962	3/ 4/62	22.91	2,020	1975	4/ 2/75	22.62	2,020
1950	1/14/50	22.00		1963	3/12/63	16.50	966	1976	3/13/76	18.31	1,200
1951	1/20/51	18.00		1964	3/14/64	24.04	2,510	1977	3/ 9/77	19.38	1,380
1952	4/18/52	16.80		1965	2/16/65	22.29	2,050	1978	1/29/78	20.67	1,680
1953	5/19/53	19.70		1966	4/30/66	24.26	2,600	1979	12/12/78	22.94	2,130
1954	5/ 7/54	21.30		1967	5/ 8/67	22.23	1,830	1980	4/15/80	21.86	1,800
1955	6/ 1/55	22.30	1,920	1968	5/17/68	26.55	4,700	1981	6/ 7/81	21.69	1,940
1956	2/ 6/56	23.80	2,120	1969	2/ 4/69	25.86	3,920	1982	2/ 5/82	20.01	1,410
1957	5/29/57	25.16	3,360	1970	1/ 4/70	22.55	2,100	1983	12/30/82	24.46	3,020
1958	5/ 6/58	25.13	3,440	1971	12/27/70	17.12	1,140	1984	5/ 9/84	22.36	1,930
1959	2/19/59	25.08	3,280	1972	12/15/71	17.97	1,130				

07264100 White Oak Branch near Lonoke, Ark.

Location.--Lat 34°46'20", long 91°50'34", on west line of SW 1/4 NW 1/4 sec.26, T.2 N., R.8 W., on left downstream wingwall of bridge on county road, 3.3 miles east of Lonoke, and 4.2 miles upstream from mouth.

Drainage area.--8.41 mi².

Gage.--Crest-stage gage. Datum of gage is 217.67 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/30/61	8.16	495	1969	1/30/69	9.14	1,160	1977	9/14/77	9.04	1,080
1962	1/22/62	8.68	840	1970	12/29/69	8.39	630	1978	9/13/78	8.58	750
1963	3/ 5/63	7.46	260	1971	5/12/71	7.59	285	1979	12/ 8/78	9.49	1,700
1964	4/ 4/64	9.34	1,500	1972	12/10/71	8.92	990	1980	3/16/80	8.41	640
1965	2/11/65	8.94	1,010	1973	4/19/73	8.92	990	1981	5/26/81	9.00	1,050
1966	8/13/66	8.82	910	1974	4/21/74	9.30	1,440	1982	4/ 2/82	8.90	980
1967	12/27/66	8.04	440	1975	1/10/75	9.11	1,210	1983	12/27/82	9.24	1,240
1968	5/13/68	8.97	1,020	1976	3/ 8/76	7.77	325	1984	5/ 3/84	8.84	960

07264500 Bayou Meto near Stuttgart, Ark.

Location.--Lat 34°27'15", long 91°36'58", in SE 1/4 sec. 11, T.3 S., R.6 W., on downstream side of bridge on U.S. Highway 79, 5 1/2 miles southwest of Stuttgart, and 8 miles upstream from Crooked Creek.

Drainage area.--574 mi². Combined area of Bayou Meto and Crooked Creek, 653 mi².

Gage.--Nonrecording. Prior to October 1, 1936, at datum 5.00 ft higher. Present datum of gage is 169.94 ft above sea level. All stages adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 5,000 ft³/s.

Bankfull stage.--20 ft.

Remarks.--Diversions upstream from station for irrigation of about 1,300 acres do not seriously affect peak discharges. Stages after 1955 furnished by Corps of Engineers.

During flows above 600 ft³/s, Bayou Meto and Crooked Creek are interconnected upstream from station. Discharges tabulated below are for combined flows of Bayou Meto and Crooked Creek. Gage heights are for Bayou Meto. Only annual maximum daily discharges are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1936	7/ 5/36	15.00	857	1953	5/23/53	22.56	2,620	1970	1/ 9/70	18.93	1,410
1937	1/26/37	25.50	6,550	1954	1/29/54	19.27	1,510	1971	1/14/71	16.50	1,230
1938	2/ 1/38	23.26	3,050	1955	6/ 8/55	19.47	1,550	1972	12/21/71	17.30	1,350
1939	2/16/39	23.54	3,420	1956	2/24/56	22.23	2,420	1973	5/ 3/73	23.80	4,000
1940	2/22/40	17.01	1,060	1957	5/ 5/57	22.60	2,620	1974	12/10/73	22.60	2,450

07264500 Bayou Meto near Stuttgart, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1941	4/25/41	17.49	1,080	1958	5/12/58	23.55	3,300	1975	4/ 3/75	21.02	2,200
1942	4/29/42	21.59	2,100	1959	3/ 2/59	20.00	1,600	1976	3/10/76	17.76	1,430
1943	3/28/43	20.04	1,760	1960	7/ 5/60	20.11	1,620	1977	3/19/77	17.21	1,340
1944	4/12/44	21.25a	2,130	1961	4/14/61	20.51	1,720	1978	1/31/78	19.20	1,700
1945	4/ 7/45	22.86	2,800	1962	3/11/62	20.68	1,770	1979	6/ 4/79	21.20	2,270
1946	1/20/46	23.29	2,680	1963	3/19/63	16.60	976	1980	4/13/80	20.90	2,150
1947	1/22/47	16.57	1,010	1964	4/30/64	22.17	1,640	1981	6/ 8/81	20.20	
1948	3/ 9/48	22.82	2,740	1965	3/ 1/65	20.01	1,600	1982	4/22/82	20.00	
1949	2/ 5/49	23.67	3,400	1966	5/ 6/66	21.85	2,020	1983	1/ 8/83	22.00	
1950	2/19/50	24.33	4,190	1967	5/15/67	19.40	1,460	1984	5/18/84	20.80	
1951	1/21/51	20.38	1,770	1968	5/26/68	23.00	2,860				
1952	12/18/51	18.75a	1,440	1969	2/15/69	21.37	2,060				

07265000 Crooked Creek near Humphrey, Ark.

Location.--Lat 34°25'35", long 91°40'04", in SE 1/4 sec. 20, T.3 S., R.6 W., near center of span on downstream side of bridge on U.S. Highway 79, 100 ft upstream from St. Louis-Southwestern Railway bridge, 2 miles east of Humphrey, and at mile 5.8.

Drainage area.--79.2 mi².

Gage.--Nonrecording gage October 1, 1938, to June 19, 1950, and since September 30, 1954. Recording June 20, 1950, to September 30, 1954. Datum of gage is 169.94 ft above sea level.

Bankfull stage.--20 ft.

Remarks.--See Bayou Meto near Stuttgart.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	2/15/39	22.70	1,780	1954	1/31/54	19.51	1,250	1971	8/ 7/71	15.80	690
1940	2/22/40	16.20	585	1957	2/ 8/57	22.40	1,950	1972	12/20/71	16.84	900
1941	4/26/41	16.68	528	1958	5/10/58	22.82	2,080	1973	5/ 3/73	22.07	2,370
1942	4/29/42	20.46	1,100	1959	2/28/59	20.92	1,490	1974	12/10/73	21.10	2,070
1943	3/27/43	18.59	767	1960	7/ 4/60	21.82	1,760	1975	3/31/75	20.32	1,830
1944	4/ 5/44	20.04	1,180	1961	4/15/61	21.59	1,700	1976	3/12/76	17.32	1,010
1945	4/ 8/45	21.62	1,610	1962	3/ 6/62	21.95	1,820	1977	3/16/77	15.86	700
1946	1/20/46	22.05	1,740	1963	3/19/63	16.51	507	1978	1/31/78	17.65	1,090
1947	5/28/47	15.90	422	1964	4/30/64	22.40	1,950	1979	6/ 6/79	21.10	2,070
1948	3/ 6/48	21.84	1,760	1965	2/19/65	20.51	1,380	1980	4/ 1/80	18.90	1,420
1949	2/ 6/49	22.73	1,880	1966	5/ 6/66	21.15	1,580	1981	6/11/81	19.90	
1950	2/18/50	23.51	2,010	1967	5/12/67	19.86	1,270	1982	8/16/82	24.30	
1951	1/19/51	20.61	1,330	1968	5/26/68	22.11	1,920	1983	1/13/83	20.20	
1952	3/15/52	18.52	883	1969	2/12/69	21.34	1,670	1984	5/11/84	20.40	
1953	5/21/53	21.97	1,820	1970	1/ 8/70	19.10	1,180				

07265001 Bayou Meto near Stuttgart (07264500) and Crooked Creek near Humphrey (07265000) combined

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1936	7/ 5/36		1,060	1951	1/20/51		3,080	1966	5/ 7/66		3,680
1937	1/26/37		9,350	1952	3/14/52		2,260	1967	5/15/67		2,630
1938	2/ 1/38		4,850	1953	5/23/53		4,410	1968	5/26/68		4,730
1939	2/16/39		5,180	1954	1/31/54		2,690	1969	2/15/69		3,730
1940	2/22/40		1,640	1955	6/ 8/55		2,500	1970	1/ 9/70		2,590
1941	4/25/41		1,570	1956	2/24/56		4,020	1971	1/14/71	16.50	1,920
1942	4/29/42		3,200	1957	5/ 5/57		4,540	1972	12/21/71	17.30	2,250
1943	3/27/43		2,530	1958	5/12/58		5,340	1973	5/ 3/73	23.80	6,370
1944	4/12/44		3,290	1959	3/ 1/59		3,090	1974	12/10/73	22.60	4,520
1945	4/ 7/45		4,410	1960	7/ 4/60		3,380	1975	4/ 3/75	21.02	4,030
1946	1/20/46		4,420	1961	4/16/61		3,420	1976	3/10/76	17.76	2,440
1947	6/ 4/47		1,420	1962	3/ 6/62		3,540	1977	3/19/77	17.21	2,040
1948	3/ 8/48		4,500	1963	3/19/63		1,480	1978	1/31/78	19.20	2,790
1949	2/ 6/49		5,280	1964	4/30/64		3,590	1979	6/ 4/79	21.20	4,340
1950	2/18/50		6,200	1965	3/ 1/65		2,670	1980	4/13/80	20.90	3,570

MISSISSIPPI RIVER MAIN STEM

07265450 Mississippi River near Arkansas City, Arkansas

Location.--Lat 33°33'55", long 91°14'35", in sec.18, T.13 S., R.1 W., on right bank 3 miles southwest of Arkansas City, 28 miles downstream from Arkansas River, and at mile 554.1.

Drainage area.--1,130,600 mi², approximately.

Gage.--Nonrecording. Prior to September 3, 1930, at site 4 miles upstream, September 3, 1930, to February 29, 1944, at site 1.9 miles upstream, and March 1, 1944, to October 31, 1948, at site 1.2 miles upstream, all at present datum. Datum of gage is 96.66 ft above sea level, supplementary adjustment of 1941, or 96.75 ft above mean Gulf level.

Stage-discharge relation.--Defined by current-meter measurements. (Measurements made frequently since 1928 and occasionally since 1884.)

Bankfull stage.--37 ft.

Remarks.--Natural flow of stream affected by many reservoir and navigation dams. Records from publications of Mississippi River Commission and Vicksburg District, Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge, in thousands (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge, in thousands (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge, in thousands (ft ³ /s)
1880	3/20/80	45.10		1915	2/24/15	45.95	1,201	1950	2/21/50	41.37a	1,791
1881	5/16/81	44.30		1916	2/10/16	56.40	1,889	1951	3/ 9/51	33.57a	1,330
1882	2/28/82	47.10		1917	4/17/17	52.11	1,591	1952	4/ 6/52	35.91	1,374
1883	3/11/83	46.35		1918	3/ 5/18	39.80	951	1953	5/26/53	29.57	997
1884	3/ 7/84	46.50		1919	4/ 5/19	49.40	1,378	1954	5/ 7/54	20.21	697
1885	5/ 7/85	42.60		1920	4/12/20	54.00	1,513	1955	4/ 6/55	34.71	1,315
1886	5/ 4/86	46.90		1921	5/ 5/21	45.40	1,083	1956	3/ 3/56	28.87	1,120
1887	3/24/87	46.65a	1,480	1922	4/22/22	58.00	1,725	1957	6/ 5/57	37.60	1,345
1888	4/21/88	45.38		1923	3/31/23	49.40a	1,224	1958	5/15/58	33.85a	1,192
1889	6/30/89	36.30		1924	1/24/24	45.05	1,070	1959	2/28/59	27.30a	969
1890	3/19/90	49.50a	1,418	1925	3/ 7/25	37.60	834	1960	4/22/60	32.50	1,161
1891	4/ 7/91	48.20	1,425	1926	4/25/26	41.90	965	1961	5/26/61	42.00a	1,652
1892	5/ 4/92	50.00a	1,742	1927	5/ 0/27	60.40a	2,472	1962	3/18/62	37.10a	1,433
1893	5/27/93	50.30a	1,676	1928	7/ 3/28	52.50a	1,424	1963	4/ 1/63	34.60a	1,356
1894	2/24/94	40.50		1929	5/30/29	58.80	1,788	1964	4/ 1/64	32.90	1,275
1895	4/ 1/95	32.20		1930	1/28/30	47.78	1,141	1965	4/21/65	34.30a	1,238
1896	4/19/96	40.00		1931	4/18/31	33.60	725	1966	5/11/66	30.05a	1,057
1897	3/27/97	51.90a	1,646	1932	2/27/32	53.45a	1,448	1967	5/26/67	30.14a	1,047
1898	4/20/98	51.20	1,497	1933	6/ 5/33	53.63	1,380	1968	6/10/68	31.47a	1,126
1899	4/15/99	48.60		1934	4/12/34	38.99	874	1969	2/17/69	34.67a	1,410
1900	3/25/ 0	39.30	933	1935	4/ 3/35	51.75a	1,460	1970	3/13/70	36.70a	1,350
1901	5/12/ 1	43.30	1,190	1936	4/26/36	41.30a	1,289	1971	3/ 9/71	32.71	1,263
1902	3/29/ 2	41.40	1,011	1937	2/16/37	53.86a	2,159	1972	5/ 9/72	33.80	1,242
1903	3/16/ 3	52.90a	1,743	1938	4/23/38	37.40a	1,201	1973	5/12/73	47.62	1,880
1904	4/20/ 4	49.00	1,403	1939	2/28/39	39.00a	1,435	1974	2/10/74	37.53	1,492
1905	6/ 3/ 5	43.20	1,086	1940	5/ 7/40	30.80a	1,067	1975	4/ 9/75	42.75	1,841
1906	4/19/ 6	50.00a	1,462	1941	4/29/41	25.30	821	1976	3/ 5/76	27.65	1,002
1907	2/ 4/ 7	52.10a	1,573	1942	4/18/42	33.90	1,121	1977	4/17/77	27.78	949
1908	6/ 2/ 8	49.90	1,449	1943	6/ 2/43	44.20a	1,688	1978	4/ 6/78	35.40	1,309
1909	3/27/ 9	50.10a	1,520	1944	5/ 7/44	42.20a	1,614	1979	4/23/79	42.90	1,811
1910	3/23/10	43.13	1,083	1945	4/ 9/45	46.30	1,922	1980	4/ 6/80	34.30	1,259
1911	5/ 2/11	48.03	1,281	1946	1/25/46	37.30	1,520	1981	5/31/81	28.00a	945
1912	4/16/12	55.33a	2,007	1947	5/ 4/47		1,312	1982	3/ 4/82	32.60a	1,249
1913	4/26/13	55.15a	1,782	1948	4/11/48	37.54a	1,320	1983	5/20/83	43.60a	1,780
1914	4/20/14	43.24	1,087	1949	2/14/49	36.70a	1,523	1984	5/23/84	41.20	

RED RIVER BASIN

07337000 Red River at Index, Ark.

Location.--Lat 33°33'07", long 94°02'28", in NW 1/4 SW 1/4 sec.7, T.14 S., R.28 W., on downstream side of pier of bridge on U.S. Highway 71 at Index, 2 1/4 miles south of Ogden, 20.6 miles upstream from Little River, and at mile 483.3.

Drainage area.--48,030 mi², of which about 42,094 mi² contributes directly to surface runoff.

Gage.--Nonrecording prior to December 12, 1939, and from December 12, 1939, to July 19, 1979, recording at site 500 ft downstream at present datum. Recording at present site thereafter. Datum of gage is 246.87 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements since 1937.

Bankfull stage.--25 ft.

Remarks.--Considerable regulation since July 1942 by Lake Texoma, 241 miles upstream (capacity, 5,392,900 acre-ft). Prior to 1951, records computed by Corps of Engineers and reviewed by Geological Survey.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1918	4/19/18	24.50		1941	6/16/41	27.83	145,000	1963	11/29/62	16.53a	55,500
1919	10/31/18	22.00		1942	5/ 1/42	29.85	178,000	1964	4/27/64	15.18	37,400
1920	5/21/20	27.60			4/14/42	28.33	145,000	1965	2/12/65	19.25	69,000
1921	6/27/21	23.50		1943	5/16/43	24.35a	112,000	1966	5/ 3/66	23.96	110,000
1922	5/15/22	26.30		1944	5/ 4/44	21.88	87,800	1967	6/ 3/67	18.14a	53,600
1923	9/24/23	23.30		1945	4/ 1/45	28.05	152,000	1968	5/19/68	23.56a	125,000
1924	12/18/23	27.00		1946	10/11/45	20.80	76,400	1969	5/10/69	21.39	101,000
1925	5/ 1/25	20.50		1947	11/ 9/46	23.74	110,000	1970	4/28/70	18.48	64,100
1926	8/21/26	23.50		1948	5/13/48	21.40	84,000	1971	10/30/70	12.99	27,800
1927	4/23/27	30.80		1949	1/29/49	24.56	112,000	1972	12/14/71	25.62	142,000
1928	5/23/28	25.00		1950	2/15/50	23.48	108,000	1973	4/27/73	22.01	97,900
1929	5/21/29	27.20		1951	6/18/51	23.64	102,000	1974	11/29/73	18.65	68,200
1930	5/21/30	27.20		1952	4/25/52	24.50	112,000	1975	11/12/74	19.64	71,200
1931	12/ 9/30	20.20		1953	5/ 2/53	22.48	91,700	1976	4/24/76	14.96	40,800
1932	2/21/32	27.40		1954	5/13/54	20.50	76,200	1977	3/30/77	20.73	106,000
1933	5/29/33	24.70		1955	3/23/55	17.88	56,500	1978	6/12/78	12.77	29,700
1934	3/ 4/34	20.50		1956	2/20/56	15.94a	41,800	1979	5/24/79	16.43	65,400
1935	5/25/35	31.10		1957	6/ 8/57	28.56	154,000	1980	6/ 7/80	13.93	38,000
1936	12/ 9/35	22.10			5/29/57	26.75	132,000	1981	6/ 8/81	17.33	62,500
1937	10/ 1/36	24.00	88,100	1958	5/ 6/58	25.32	145,000	1982	5/16/82	22.20	115,000
1938	2/23/38	34.25	297,000	1959	7/29/59	17.00	48,400	1983	12/ 4/82	16.33	54,000
	4/ 2/38	27.55	139,400	1960	10/16/59	18.43	61,000	1984	5/ 5/84	14.34	40,100
1939	4/19/39	21.20	70,600	1961	12/13/60	17.69	68,400				
1940	5/26/40	19.70	70,100	1962	11/26/61	16.43a	53,800				

07338700 Twomile Creek near Hatfield, Ark.

Location.--Lat 34°30'52", long 94°20'14", in NW 1/4 NW 1/4 sec.8, T.3 S., R.31 W., on right bank 130 ft upstream from bridge on U.S. Highway 71, 0.5 mile upstream from small tributary, 1.5 miles downstream from Mill Creek, and 3.1 miles northeast of Hatfield.

Drainage area.--15.9 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 850 ft³/s and by contracted-opening measurement at 6,260 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	10/20/62	7.06	800	1970	3/ 3/70	9.09	2,200	1977	3/28/77	10.05	3,300
1964	3/ 9/64	7.35	940	1971	10/26/70	9.35	2,450	1978	5/ 7/78	7.55	1,060
1965	5/10/65	7.77	1,150	1972	12/10/71	12.44	6,110	1979	3/30/79	9.77	2,950
1966	4/23/66	7.98	1,300	1973	10/31/72	11.69	5,900	1980	12/24/79	7.82	1,210
1967	5/ 6/67	7.69	1,120	1974	4/22/74	10.00	3,200	1981	7/30/81	8.17	1,430
1968	5/13/68	11.89	6,260	1975	3/28/75	9.47	2,600	1982	5/14/82	8.23	1,500
1969	1/29/69	8.70	1,850	1976	3/ 8/76	7.15	860	1983	12/ 3/82	11.09	4,850

07339500 Rolling Fork near DeQueen, Ark.

Location.--Lat 34°02'51", long 94°24'47", in SW 1/4 SW 1/4 sec.21, T.8 S., R.32 W., near center of span on downstream side of pier of bridge on U.S. Highway 70, 4 miles west of DeQueen, 6 miles upstream from Rock Creek, and at mile 17.0.

Drainage area.--182 mi².

Gage.--Nonrecording prior to December 16, 1948; recording thereafter. Datum of gage is 318.24 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 41,000 ft³/s and contracted-opening measurement at 110,000 ft³/s.

Bankfull stage.--20 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1947	8/27/47	25.60	110,000	1961	5/ 6/61	20.11	20,500	1974	6/ 9/74	14.50	4,820
1949	1/24/49	20.16	19,200	1962	11/22/61	16.95	8,800	1975	2/ 1/75	14.50	5,480
1950	1/13/50	21.04	23,700	1963	3/11/63	15.44	5,920	1976	3/ 9/76	12.18	3,560
1951	7/ 2/51	16.35	7,320	1964	4/24/64	19.21	17,100	1977	3/27/77	16.12	7,650
1952	4/12/52	18.80	14,000	1965	5/27/65	16.46	7,800	1978	5/ 5/78	8.58	1,570
1953	5/11/53	21.96	34,000	1966	8/14/66	19.46	17,100	1979	4/11/79	10.35	2,590
1954	4/16/54	16.11	7,040	1967	5/ 6/67	20.12	23,200	1980	4/16/80	8.70	1,750
1955	5/27/55	18.75	14,000	1968	5/13/68	23.34	54,500	1981	6/16/81	9.88	2,260
1956	2/18/56	17.03	8,800	1969	1/30/69	21.74	32,100	1982	5/17/82	14.89	6,320
1957	4/27/57	18.38	12,600	1970	3/ 3/70	18.26	12,100	1983	7/ 2/83	13.32	4,750
1958	5/ 2/58	18.73	13,800	1971	10/27/70	11.98	3,160	1984	12/ 6/83	9.30	2,010
1959	11/17/58	20.83	25,000	1972	12/10/71	24.23	71,000				
1960	12/16/59	16.42	7,600	1973	10/31/72	19.83	18,800				

07339800 Pepper Creek near DeQueen, Ark.

Location.--Lat 34°02'44", long 94°18'13", on north line of NW 1/4 NE 1/4 sec.28, T.8 S., R.31 W., on left bank 26 ft downstream from bridge on U.S. Highway 71, 0.7 mile upstream from mouth, 1.5 miles east of junction of U.S. Highways 70 and 71, and 2.3 miles east of DeQueen.

Drainage area.--6.41 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 5/61	7.03	1,440	1969	1/29/69	6.87	2,050	1977	3/27/77	7.87	2,250
1962			170	1970	4/19/70	4.00	450	1978	3/ 7/78	4.05	200
1963	10/14/62	2.90	72	1971	7/24/71	4.02	310	1979	11/16/78	7.24	1,650
1964	4/23/64	5.00	610	1972	12/10/71	6.77	1,700	1980	9/28/80	7.56	1,900
1965	2/ 9/65	3.73	230	1973	4/23/73	6.26	1,020	1981	6/16/81	6.42	1,100
1966	4/25/66	4.60	486	1974	6/ 8/74	6.23	1,010	1982	5/14/82	6.25	1,020
1967	5/ 1/67	5.06	640	1975	6/ 9/75	7.35	1,730	1983	7/ 2/83	8.92	4,700
1968	5/13/68	9.39	6,240	1976	9/ 4/76	4.83	420	1984	12/ 2/83	8.37	3,200

07340000 Little River near Horatio, Ark.

Location.--Lat 33°55'10", long 94°23'15", in NE 1/4 sec.10, T.10 S., R.32 W., on downstream side of bridge on State Highway 41, 0.9 mile downstream from Rolling Fork, 2 miles southwest of Horatio, 28.5 miles upstream from Cossatot River, and at mile 72.0.

Drainage area.--2,662 mi².

Gage.--Nonrecording prior to February 5, 1935; recording thereafter. Prior to September 14, 1961, at site 50 ft upstream at same datum. Datum of gage is 272.89 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 93,000 ft³/s.

Bankfull stage.--26 ft.

Remarks.--Bass for partial-duration series, 25,000 ft³/s.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1915	8/ 1/15	38.00	124,000	1947	8/29/47	32.99	61,900	1966	4/27/66	29.82	34,800
1930	5/20/30	36.00	97,700	1948	1/ 2/48	32.29	54,900	1967	5/ 7/67	26.18a	28,100
1931	7/27/31	24.84	20,700	1949	1/27/49	35.58	97,900	1968	5/14/68	33.22	69,900
1932	1/24/32	31.84	50,800	1950	2/13/50	34.06	82,500	1969	1/30/69	32.33	59,600
1933	1/ 1/33	27.20	24,800	1951	7/ 4/51	31.47	47,500	1970	3/ 4/70	25.99	27,900
1934	4/ 9/34	27.36	25,100	1952	4/23/52	34.26	83,900	1971	10/30/70	16.16	10,300
1935	5/ 6/35	34.80	82,100	1953	5/12/53	32.32	59,000	1972	12/10/71	32.84	65,100
1936	12/ 8/35	28.85	31,800	1954	5/ 4/54	28.16	29,800	1973	4/24/73	29.19	37,000
1937	1/11/37	28.15	26,700	1955	3/22/55	30.10	37,200	1974	5/ 5/74	27.35	30,200
1938	1/25/38	36.93	110,000	1956	2/19/56	27.84	28,500	1975	2/ 2/75	28.41	29,200
	2/19/38	36.65	106,000	1957	4/28/57	33.13	68,300	1976	4/21/76	18.07	12,800
1939	4/18/39	32.12	56,500	1958	5/ 3/58	32.72	63,600	1977	3/28/77	29.90	35,400
1940	7/ 2/40	30.62	37,500	1959	11/18/58	30.48	41,600	1978	5/ 6/78	19.79	14,900
1941	4/24/41	26.90	23,900	1960	5/22/60	31.99	55,500	1979	3/31/79	27.79	27,400
1942	4/ 9/42	31.77	50,800	1961	5/ 9/61	31.08	46,200	1980	9/30/80	23.60	20,000
1943	12/28/42	26.45	24,700	1962	11/24/61	27.93	28,800	1981	6/ 6/81	23.28	19,600
1944	5/ 3/44	32.64	57,900	1963	4/30/63	21.30	16,800	1982	5/14/82	26.95	25,500
1945	3/30/45	37.70	120,000	1964	4/25/64	30.72	43,000	1983	7/ 3/83	31.25	46,000
1946	5/26/46	31.74	49,300	1965	2/13/65	28.54	34,100	1984	5/ 3/84	28.69	27,900

07340200 West Flat Creek near Foreman, Ark.

Location.--Lat 33°45'13", long 94°23'28", in NW 1/4 SW 1/4 sec.2, T.12 S., R.32 W., on left bank 25 ft downstream from bridge on State Highway 41, 150 ft downstream from small tributary, 2.3 miles north of Foreman, and 3 miles upstream from East Flat Creek.

Drainage area.--10.7 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 370 ft³/s and by contracted-opening measurement at 2,500 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	2/23/62	9.46	397	1969	1/30/69	12.40	3,400	1976	3/ 8/76	10.72	900
1963	10/14/62	10.77	740	1970	4/25/70	11.02	1,130	1977	3/ 3/77	11.51	1,750
1964	4/23/64	10.31	600	1971	3/12/71	10.98	1,100	1978	3/ 7/78	9.75	460
1965	2/10/65	11.92	2,500	1972	12/10/71	12.07	2,800	1979	5/ 4/79	11.48	1,700
1966	4/24/66	11.07	1,050	1973	4/19/73	12.12	2,880	1980	4/13/80	12.06	2,800
1967	5/ 1/67	11.84	2,300	1974	10/12/73	11.51	1,750	1981	7/ 5/81	11.32	1,480
1968	5/17/68	11.93	2,500	1975	2/ 2/75	11.67	2,020	1983	12/ 2/82	12.97	3,800

07340300 Cossatot River near Vandervoort, Ark.

Location.--Lat 34°22'46", long 94°14'08", in SE 1/4 NE 1/4 sec.30, T.4 S., R.30 W., Polk County, near left bank on downstream side of bridge on State Highway 246, 0.3 mi downstream from Brushy Creek, 3.2 miles upstream from Flat Creek, and 7.5 miles east of Vandervoort.

Drainage area.--89.6 mi².

Gage.--Water-stage recorder. Datum of gage is 771.88 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurement below 11,000 ft³/s and extended to 32,000 ft³/s by step-backwater computations.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 6/61	23.00	48,000	1973	10/31/72	17.18	23,500	1979	2/22/79	18.03	26,400
1968	5/13/68	18.13	26,900	1974	4/21/74	18.08	26,700	1980	5/15/80	8.62	3,910
1969	1/30/69	15.58	18,600	1975	11/23/74	18.05	26,600	1981	12/ 8/80	10.35	6,410
1970	3/ 3/70	14.60	15,900	1976	12/ 6/75	9.22	4,700	1982	2/16/82	9.88	5,660
1971	10/27/70	16.08	20,100	1977	3/27/77	16.54	21,400	1983	12/ 2/82	19.50	32,000
1972	12/ 9/71	19.35	31,500	1978	4/10/78	8.39	3,630	1984	3/27/84	9.77	5,500

07340500 Cozzatot River near DeQueen, Ark.

Location.--Lat 34°02'45", long 94°12'42", in NE 1/4 NE 1/4 sec.29, T.8 S., R.30 W., on downstream side of pier of bridge on U.S. Highway 71, just downstream from Hale Creek, 7 miles east of DeQueen, and at mile 33.5.

Drainage area.--360 mi².

Gage.--Nonrecording prior to November 9, 1938, and after October 1, 1980. Recording November 9, 1938 to September 30, 1980. Datum of gage is 335.48 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 65,000 ft³/s and by contracted-opening measurements at 122,000 ft³/s.

Bankfull stage.--15 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1938	1/24/38	19.70	36,300	1954	5/ 2/54	16.57	16,100	1970	3/ 3/70	18.07	30,700
1939	4/16/39	19.70	36,300	1955	3/21/55	17.25	19,200	1971	10/27/70	15.29	13,900
1940	5/18/40	17.94	23,700	1956	2/18/56	16.20	14,400	1972	12/10/71	21.88	103,000
1941	7/14/41	15.08	10,100	1957	4/27/57	17.82	22,800	1973	4/23/73	19.06	39,100
1942	9/ 9/42	18.56	28,400	1958	5/ 3/58	18.56	29,200	1974	10/13/73	18.05	26,500
1943	12/27/42	14.30	9,520	1959	11/17/58	18.85	30,100	1975	2/ 1/75	13.93	9,500
1944	5/ 2/44	18.70	29,100	1960	5/20/60	19.12	32,600	1976	3/ 8/76	10.53	4,060
1945	3/30/45	20.20	43,300	1961	5/ 6/61	20.70	62,000	1977	3/28/77	15.84	16,400
1946	5/25/46	19.96	41,200	1962	11/23/61	15.66	12,600	1978	3/ 7/78	9.24	2,900
1947	8/28/47	20.47	46,900	1963	3/11/63	14.55	10,100	1979	3/30/79	14.45	10,800
1948	1/ 1/48	18.30	26,300	1964	4/24/64	19.12	37,500	1980	9/28/80	13.78	9,230
1949	1/24/49	19.76	39,400	1965	2/10/65	16.24	14,800	1981	6/ 3/81	14.13	12,100
1950	9/20/50	20.14	42,500	1966	4/26/66	18.40	28,400	1982	6/16/82	10.29	4,210
1951	7/ 3/51	16.49	15,600	1967	5/ 6/67	18.70	32,500	1983	7/ 2/83	17.37	22,600
1952	4/22/52	18.00	24,200	1968	5/13/68	22.60	122,000	1984	5/ 3/84	10.26	4,240
1953	5/12/53	19.16	33,100	1969	1/30/69	20.82	74,800				

07340530 Mill Slough tributary near Lockesburg, Ark.

Location.--33°58'04", long 94°11'25", on south line of SW 1/4 NW 1/4 sec.22, T.9 S., R.30 W., on left bank 15 ft upstream from culvert on State Highway 24, 1.3 miles west of Lockesburg.

Drainage area.--0.64 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 36 ft³/s and by culvert measurements at 177 ft³/s, 385 ft³/s, and 552 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	6/12/63	4.73	130	1971	5/10/71	3.50	37	1979	5/ 4/79	6.80	332
1964	4/23/64	7.27	385	1972	12/10/71	6.54	304	1980	9/28/80	4.15	78
1965	3/29/65	5.30	177	1973	4/23/73	6.29	275	1981	7/ 5/81	5.59	205
1966	4/30/66	4.83	135	1974	5/ 4/74	7.26	385	1982	5/14/82	6.01	246
1967	4/25/67	4.21	83	1975	6/ 9/75	6.53	300	1983	12/26/82	9.76	719
1968	5/17/68	8.44	552	1976	5/27/76	4.12	75	1984	5/ 3/84	6.62	310
1969	5/ 7/69	6.08	268	1977	3/ 3/77	4.89	140				
1970	8/21/70	5.15	165	1978	5/ 3/78	3.65	45				

07341000 Saline River near Dierks, Ark.

Location.--Lat 34°05'45", long 94°05'04", in NW 1/4 SW 1/4 sec.3, T.8 S., R.29 W., near left bank on downstream side of bridge on U.S. Highway 70, 3 1/2 miles upstream from Holly Creek, 4 miles southwest of Dierks, and at mile 50.7.

Drainage area.--121 mi².

Gage.--Nonrecording prior to August 10, 1940, and after October 1, 1980. Recording from August 10, 1940, to September 30, 1980. Prior to August 31, 1951, at site 100 ft upstream at present datum. Datum of gage is 353.09 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 57,000 ft³/s.

Bankfull stage.--15 ft.

Remarks.--Records for the period 1938-50 computed by Corps of Engineers and reviewed by Geological Survey.

07341000 Saline River near Dierks, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1920		21.90	42,000	1954	5/ 2/54	11.15	3,640	1970	4/26/70	13.89	6,650
1939	4/16/39	17.10	12,000	1955	9/23/55	17.23	12,600	1971	12/22/70	8.81	1,370
1940	5/18/40	17.00	11,700	1956	4/30/56	17.71	14,000	1972	12/10/71	20.24	24,400
1941	7/14/41	18.75	20,100	1957	3/17/57	14.25	6,490	1973	10/31/72	11.56	3,750
1942	4/ 8/42	17.07	12,000	1958	11/13/57	15.80	9,140	1974	6/ 8/74	14.08	6,910
1943	12/27/42	12.04	3,940	1959	2/14/59	15.12	7,770	1975	2/ 1/75	12.41	4,850
1944	5/ 1/44	16.68	10,800	1960	12/16/59	14.36	6,740	1976	3/16/76	8.21	1,220
1945	3/30/45	19.93	31,200	1961	5/ 6/61	22.50	52,000	1977	3/31/77	8.41	1,340
1946	5/25/46	16.43	10,600	1962	11/22/61	12.88	5,110	1978	3/13/78	7.96	1,080
1947	8/28/47	15.00	7,160	1963	3/11/63	10.51	2,760	1979	6/ 2/79	12.37	4,810
1948	3/ 1/48	13.21	5,050	1964	4/24/64	17.00	12,100	1980	9/27/80	8.79	1,500
1949	1/24/49	16.65	9,800	1965	1/ 9/65	12.56	4,840	1981	6/16/81	8.79	1,530
1950	9/16/50	15.32	7,610	1966	8/14/66	16.53	10,800	1982	6/28/82	11.76	4,140
1951	1/14/51	13.83	5,630	1967	5/ 6/67	17.22	12,600	1983	7/ 2/83	17.33	12,900
1952	4/22/52	16.54	11,000	1968	5/13/68	22.95	59,200	1984	12/ 6/83	8.19	1,150
1953	5/11/53	18.56	16,500	1969	1/30/69	20.77	28,600				

07341100 Rock Creek near Dierks, Ark.

Location.--Lat 34°06'46", long 94°02'25", in SW 1/4 NE 1/4 sec.36, T.7 S., R.29 W., on left bank 130 ft upstream from bridge on U.S. Highway 70, 0.8 mile upstream from mouth, and 1.4 miles southwest of Dierks.

Drainage area.--9.46 mi².

Gage.--Crest-stage gage. Prior to June 29, 1969, at datum 10.0 ft lower. Gage heights adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 2,200 ft³/s and by contracted-opening and flow-over-road measurement at 9,390 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	7/23/61	12.60	9,390	1969	1/29/69	6.10	1,180	1977	3/ 3/77	8.12	2,500
1962			740	1970	4/25/70	6.47	1,400	1978	3/ 7/78	3.76	340
1963	10/14/62	3.70	323	1971	7/24/71	3.35	260	1979	11/16/78	8.99	3,300
1964	4/23/64	7.06	1,750	1972	12/10/71	9.15	3,500	1980	9/28/80	8.34	2,700
1965	6/14/65	6.99	1,720	1973	4/23/73	8.76	3,100	1981	6/16/81	9.56	4,000
1966	4/25/66	7.53	2,100	1974	6/ 7/74	11.05	6,200	1982	6/16/82	5.34	820
1967	5/ 1/67	9.25	3,700	1975	2/ 2/75	9.21	3,600	1983	5/15/83	12.40	9,000
1968	5/13/68	8.58	3,050	1976	3/ 8/76	6.18	1,200				

07341200 Saline River near Lockesburg, Ark.

Location.--Lat 33°57'43", long 94°03'40", in NW 1/4 SE 1/4 sec.23, T.9 S., R.29 W., on downstream side of bridge on State Highway 24, 2 miles downstream from Brushy Creek, 6 miles east of Lockesburg, and at mile 30.

Drainage area.--256 mi².

Gage.--Recording. Datum of gage is 300.00 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 23,000 ft³/s and by contracted-opening measurement at 64,700 ft³/s.

Bankfull stage.--14 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1964	4/23/64	16.93	15,500	1971	2/22/71	10.82	1,370	1978	3/ 7/78	13.92	3,010
1965	2/10/65	15.56	6,040	1972	12/10/71	18.88	36,400	1979	11/16/78	16.63	10,700
1966	5/ 1/66	16.49	12,000	1973	4/24/73	16.24	9,380	1980	9/28/80	16.70	13,000
1967	5/ 6/67	16.97	15,600	1974	6/ 8/74	17.15	17,100	1981	6/ 4/81	16.20	8,400
1968	5/14/68	20.86	64,700	1975	2/ 2/75	16.85	14,200	1982	6/16/82	15.64	5,800
1969	1/30/69	20.42	58,100	1976	3/ 9/76	15.78	6,500	1983	12/ 3/82	20.52	59,600
1970	4/26/70	16.25	10,100	1977	3/ 4/77	16.52	9,940	1984	5/ 3/84	16.11	6,650

07341301 Little River at Millwood Dam, near Ashdown, Ark.

Location.--Lat 34°41'28", long 93°57'53", in NW 1/4 sec.26, T.12 S., R.28 W., Little River County, at Millwood Dam, 9.2 miles east of Ashdown, 9.6 miles upstream from Hudson Creek, and at mile 16.0.

Drainage area.--4,119 mi².

Gage.--Recording. Datum of gage is sea level (levels by Corps of Engineers).

Stage-discharge relation.--Discharge computations based on gate openings and head and tailwater elevations at Millwood Dam.

Remarks.--Flow completely regulated since August 16, 1966, by Millwood Lake.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1967	5/ 9/67		30,600	1973	5/13/73		67,300	1979	4/ 5/79		36,300
1968	5/26/68		62,700	1974	6/12/74		39,600	1980	12/29/79		21,400
1969	2/ 6/69		58,400	1975	2/ 8/75		40,300	1981	6/24/81		21,000
1970	3/ 6/70		34,200	1976	3/11/76		21,300	1982	5/19/82		18,800
1971	3/15/71		13,800	1977	4/ 3/77		34,500	1983	12/ 6/82		55,000
1972	12/23/71		62,800	1978	5/ 9/78		17,300	1984	5/ 7/84		28,100

07341500 Red River at Fulton, Ark.

Location.--Lat 33°36'26", long 93°48'56", in NE 1/4 SE 1/4 sec.20, T.13 S., R.26 W., on downstream side of bridge on U.S. Highway 67 at Fulton, 0.3 mile downstream from Missouri-Pacific Railroad Co. bridge, 2 1/2 miles downstream from Little River, and at mile 463.0.

Drainage area.--52,336 mi², of which about 5,936 mi² is probably noncontribution.

Gage.--Recording. Nonrecording prior to December 31, 1976. Prior to October 16, 1942, on railroad bridge 0.3 mile upstream at same datum. Datum of gage is 224.94 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements. Considerable shifting occurs.

Bankfull stage.--28 ft.

Remarks.--Some regulation since July 1942 by Lake Texoma, 263 miles upstream (capacity 5,392,900 acre-ft), and by Millwood Reservoir on Little River since August 1966 (capacity 1,854,900 acre-ft). Discharges for October 1937 to September 1942 and since January 1946 are published by Mississippi River Commission. Discharges for this station are comparable to those for station at Garland.

Gage-height records from publications of U.S. Weather Bureau and Mississippi River Commission. Discharge records since 1949 furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1876	7/17/76	35.80		1922	4/ 9/22	28.50		1955	3/24/55	20.54	83,100
1886	4/21/86	20.90		1924	12/19/23	31.40		1956	2/21/56	18.03	59,500
1888	5/ 7/88	31.80		1925	5/ 2/25	23.10		1957	6/ 9/57	31.12	228,000
1890	5/ 3/90	34.00		1927	4/24/27	35.00		1958	5/ 6/58	29.41	214,000
1891	4/27/91	30.30		1928	5/24/28	25.90		1959	7/30/59	16.66	54,900
1892	5/23/92	34.80		1929	5/23/29	31.10		1960	5/27/60	19.65	78,600
1893	3/13/93	26.80		1930	5/22/30	32.50		1961	4/ 2/61		87,700
1894	3/24/94	32.90		1931	2/17/31	18.50		1962	11/27/61	17.88	74,200
1895	7/18/95	31.40		1932	1/28/32	31.60		1963	11/30/62	16.32	54,900
1896	1/ 1/96	21.80		1933	5/30/33	24.40		1964	4/28/64	19.85	83,000
1897	3/23/97	28.60		1934	3/ 5/34	21.30		1965	2/12/65	19.96	86,000
1898	5/11/98	27.90		1935	6/24/35	34.80		1966	5/ 3/66	25.57	137,000
1900	11/28/99	26.00		1936	12/11/35	23.60		1967	6/ 3/67	19.63	70,500
1901	5/25/ 1	27.70		1937	10/ 2/36	23.70		1968	5/21/68	24.40	122,000
1903	12/ 1/ 2	32.20		1938	2/24/38	36.40		1969	5/11/69	22.68	112,000
1904	6/13/ 4	31.60		1939	4/20/39	24.00		1970	4/29/70	20.00	94,000
1905	6/ 1/ 5	31.50		1940	5/31/40	24.60		1971	10/31/70	13.62	38,800
1906	5/10/ 6	31.20		1941	6/17/41	29.60		1972	12/14/71	25.10	165,000
1907	6/ 4/ 7	31.40		1942	5/ 2/42	33.30		1973	5/10/73	23.15	110,000
1908	6/ 2/ 8	34.10		1943	5/17/43	26.00		1974	12/ 6/73	21.60	96,000
1909	6/21/ 9	20.60		1944	5/ 5/44	28.20		1975	11/ 8/74	21.78	97,000
1910	4/19/10	22.60		1945	4/ 2/45	37.40		1976	4/25/76	15.60	46,200
1911	4/21/11	24.10		1946	2/21/46	24.60		1977	3/31/77	20.07	104,000
1912	4/ 6/12	30.90		1947	12/17/46	27.34		1978	3/28/78	14.76	49,000
1914	12/12/13	33.20		1948	5/14/48	23.85		1979	3/ 3/79	17.83	56,300
1915	5/ 2/15	34.10		1949	1/30/49	32.03		1980	6/ 8/80	14.07	43,600
1916	2/ 4/16	32.20		1950	2/16/50	28.20	136,000	1981	6/ 8/81		75,000
1917	5/ 1/17	19.90		1951	6/19/51	26.16	123,000	1982			
1918	4/21/18	28.10		1952	4/26/52	28.22	150,000	1983	12/ 7/82	21.90	81,100
1920	5/18/20	33.60		1953	5/17/53	27.01a	127,000	1984	5/ 5/84	18.10	60,500
1921	4/30/21	26.60		1954	5/14/54	21.65	86,000				

07341700 Caney Creek near Hope, Ark.

Location.--Lat 33°41'34", long 93°38'12", in SE 1/4 NE 1/4 sec.24, T.12 S., R.25 W., on right bank 115 ft upstream from bridge on State Highway 4, 0.1 mile southeast of junction of State Highways 4 and 73, 0.3 mile downstream from small tributary, and 3.1 miles northwest of Hope.

Drainage area.--12.9 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from September 1968 to October 1974.

Stage-discharge relation.--Defined by current-meter measurements below 910 ft³/s and by contracted-opening measurement at 5,410 ft³/s and 9,410 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	4/28/63	10.51	1,500	1970	4/25/70	10.99	2,000	1977	3/ 3/77	10.39	1,400
1964	3/ 4/64	11.03	2,020	1971	7/24/71	12.02	3,570	1978	1/12/78	9.93	1,050
1965	2/11/65	10.30	1,330	1972	1/ 1/72	9.38	720	1979	4/23/79	11.33	2,450
1966	4/30/66	12.80	5,410	1973	4/23/73	12.12	3,800	1980	5/22/80	9.77	950
1967	4/26/67	11.56	2,750	1974	8/31/74	15.70	9,410	1981	6/16/81	10.48	1,490
1968	5/10/68	12.24	4,050	1975	6/ 9/75	11.27	2,350	1982	6/16/82	10.39	1,400
1969	1/30/69	11.35	2,450	1976	3/ 8/76	11.06	2,080				

07342350 McKinney Bayou near Texarkana, Ark.

Location.--Lat 33°24'34", long 93°48'17", in NE 1/4 sec.32, T.15 S., R.26 W., 1,500 ft downstream from bridge on U.S. Highway 82, 1.3 miles downstream from Red Chute, 6.7 miles northwest of Garland, 13.6 miles east of Texarkana, and at mile 23.3.

Drainage area.--169 mi².

Gage.--Nonrecording prior to June 14, 1950; recording thereafter. At bridge on U.S. Highway 82 prior to May 25, 1961, at datum 215.05 ft above sea level. Datum of present gage is sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--18 ft.

Remarks.--Gage-height records furnished by Corps of Engineers. Only annual peak stages are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1940	7/ 2/40	21.60	3,800	1955	3/22/55	19.00	1,800	1970	8/22/70	230.71	5,100
1941	4/25/41	19.80	1,900	1956	5/ 4/56	16.98	1,200	1971	11/15/70	220.38	960
1942	4/10/42	20.30	2,700	1957	4/ 5/57	20.25	2,600	1972	1/ 4/72	223.03	1,600
1943	12/29/42	16.00	950	1958	4/27/58	20.72	3,000	1973	1/20/73	229.44	4,400
1944	5/ 3/44	20.30	2,700	1959	2/16/59	18.70	1,600	1974	6/10/74	230.96	5,200
1945	4/ 2/45	21.30	3,500	1960	1/19/60	17.92	1,400	1975	5/ 4/75	231.24	5,500
1946	5/20/46	20.40	2,700	1961	1/ 8/61	13.40	3,400	1976	6/20/76	231.51	5,600
1947	11/12/46	16.68	1,080	1962	2/27/62	224.79	3,600	1977	2/12/77	228.68	4,000
1948	3/23/48	19.50	2,100	1963	4/29/63	222.54	2,200	1978	5/ 9/78	223.64	3,800
1949	1/28/49	19.80	2,300	1964	4/25/64	227.98	3,900	1979	1/21/79	230.64	5,100
1950	5/ 3/50	20.45	3,000	1965	2/12/65	228.85	4,800	1980	1/23/80	228.85	4,000
1951	2/17/51	17.18	1,200	1966	4/26/66	232.12	6,600	1981	6/ 7/81	228.18	
1952	4/13/52	19.37	2,000	1967		223.20	2,600	1982			
1953	5/19/53	19.96	2,400	1968	5/ /68	233.00	7,200	1983	12/ 4/82	231.80	
1954	5/14/54	18.28	1,400	1969	2/ 1/69	230.18	4,800	1984	2/13/84	224.20	

07344320 Mill Creek tributary near Fouke, Ark.

Location.--Lat 33°17'53", long 93°54'58", in NW 1/4 NE 1/4 sec.8., T.17 S., R.27 W., on left bank 15 ft upstream from culvert on U.S. Highway 71, 0.7 mile upstream from mouth, and 3.0 miles northwest of Fouke.

Drainage area.--1.44 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 41 ft³/s and by culvert measurement at 399 ft³/s and 704 ft³/s.

Remarks.--Only annual peaks are shown.

07344320 Mill Creek tributary near Fouke, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	9/12/61	6.86	148	1969	4/13/69	7.75	242	1977	3/28/77	8.07	225
1962	2/26/62	8.30	308	1970	8/21/70	11.18	704	1978	8/29/78	6.33	67
1963	7/21/63	7.49	210	1971	7/24/71	5.70	40	1979	1/20/79	8.65	298
1964	4/24/64	8.92	399	1972	7/29/72	5.93	52	1980	5/16/80	9.91	468
1965	1/ 8/65	7.73	240	1973	3/24/73	7.77	190	1981	5/16/81	8.41	267
1966	4/25/66	8.81	380	1974	12/ 3/73	10.65	570	1982	6/16/82	10.06	482
1967	5/ 4/67	7.24	185	1975	6/ 9/75	10.56	558	1983	12/ 3/82	11.64	780
1968	5/10/68	8.59	353	1976	6/18/76	7.54	167				

07346800 East Fork Kelly Bayou tributary at Kiblah, Ark.

Location.--Lat 33°02'57", long 93°53'44", in NE 1/4 NW 1/4 sec.3, T.20 S., R.27 W., on right bank 10 ft upstream from culvert on U.S. Highway 71, 0.1 mile south of Kiblah, and 0.2 mile upstream from small lake.

Drainage area.--0.14 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from September 1968 to December 1974.

Stage-discharge relation.--Defined by current-meter measurements below 14 ft³/s and by culvert measurements at 26 ft³/s and 123 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	7/14/61	6.33	11	1968	12/ 9/67	5.94	4	1975	6/ 9/75	6.91	30
1962	11/22/61	6.82	26	1969	3/18/69	6.42	14	1976	3/ 8/76	6.45	15
1963	7/21/63	6.97	32	1970	4/25/70	6.61	19	1977	3/28/77	6.24	10
1964	4/24/64	6.54	17	1971	10/26/70	6.70	22	1978	8/29/78	6.58	18
1965	2/11/65	6.29	10	1972	3/28/72	6.19	9	1979	5/ 4/79	7.05	35
1966	4/25/66	9.46	123	1973	4/19/73	6.76	24	1980	5/16/80	6.61	19
1967	5/21/67	5.77	2	1974	6/ 8/74	8.74	96				

07347000 Kelly Bayou near Houston, La.

Location.--Lat 32°51'25", long 93°52'20", in SW 1/4 NE 1/4 sec.36, T.22 N., R.15 W., near center of span on downstream side of bridge on U.S. Highway 71, 0.4 mile downstream from Willow Lake lateral, 2.0 miles south of Houston, and at mile 2.7.

Drainage area.--116 mi².

Gage.--Nonrecording prior to February 2, 1953; recording thereafter. Datum of gage is 165.53 ft above sea level, supplementary adjustment of 1941. Recording gage for station on Black Bayou near Gilliam used as an auxiliary gage for this station.

Stage-discharge relation.--Defined by current-meter measurements; affected by fall.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1945	3/ 3/45	15.55	1,800	1954	1/15/54	11.31	1,040	1963	4/28/63	12.48	1,280
1946	5/13/46	14.68	1,730	1955	5/24/55	13.44	1,520	1964	4/24/64	17.22	2,780
1947	11/11/46	14.40	1,660	1956	2/ 2/56	11.86	1,200	1965	2/12/65	13.97	1,430
1948	2/12/48	12.70	1,020	1957	4/29/57	17.23	1,720	1966	4/27/66	20.94	2,320
1949	1/18/49	11.41	836	1958	4/28/58	22.72	4,460	1967	5/31/67	11.70	1,080
1950	2/13/50	14.47	1,110	1959	2/14/59	12.16	1,070	1968	9/13/68	12.23	1,210
1951	1/14/51	10.01	513	1960	3/ 2/60	13.42	1,560	1969	3/18/69	16.11	2,070
1952	4/13/52	11.34	994	1961	12/ 8/60	14.44	1,510				
1953	3/12/53	13.55	1,520	1962	11/22/61	13.82	1,600				

07348500 Red River at Shreveport, La.

Location.--Lat 32°30'55", long 93°44'25", in SE 1/4 SE 1/4 sec. 30, T.18 N., R.13 W., Caddo Parish, on second pier from east bank, at Illinois Central Railroad Co. bridge at Shreveport, and 0.5 mile downstream from Cross Bayou.

Drainage area.--60,613 mi², of which 5,936 mi² above Denison Dam is noncontributing.

Gage.--Nonrecording prior to September 29, 1939; recording thereafter. Datum of gage is 131.48 ft above sea level, supplementary adjustments of 1941 (levels by Corps of Engineers). Prior to June 1, 1918, at datum 10 ft higher. All peaks shown are corrected to present datum.

Stage-discharge relation.--Variable; peak discharges based on occasional discharge measurements made 1872 to 1905, and loop curves defined by frequent discharge measurements since August 1928.

Remarks.--Regulation by Lake Texoma since October 1943 and Texarkana Reservoir since July 1953. Gage heights obtained, 1872 to 1929 from Mississippi River Commission, 1929 to 1931 from U.S. Weather Bureau, and 1932 to date from U.S. Corps of Engineers. Records reviewed by Geological Survey. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1849	8/ /49	45.90		1909	12/ 7/ 8	22.00	33,000	1946	6/ 5/46	23.75	123,000
1873	6/ 8/73	35.50	57,000	1910	4/21/10	23.86	40,000	1947	11/11/46	21.67	131,000
1874	4/29/74	37.90	88,000	1911	4/25/11	23.42	41,000	1948	3/ 6/48	20.00	99,500
1875	4/22/75	35.80	61,000	1912	4/14/12	29.30	68,000	1949	2/ 1/49	25.80	171,000
1876	7/28/76	41.90	160,000	1913	5/28/13	22.20	41,000	1950	2/18/50	26.20	163,000
1877	5/11/77	39.80	120,000	1914	4/10/14	32.93	102,000	1951	6/20/51	22.15	111,000
1878	1/31/78	38.40	97,000	1915	5/ 9/15	39.00	185,000	1952	4/28/52	25.45	154,000
1879	5/16/79	34.90	53,000	1916	2/10/16	35.50	140,000	1953	5/20/53	27.32	173,000
1880	4/ 4/80	33.20	42,000	1917	5/ 4/17	20.40	41,000	1954	5/16/54	20.53	94,700
1881	3/ 7/81	37.30	80,000	1918	4/25/18	26.90	77,000	1955	3/26/55	20.15	92,400
1882	2/21/82	41.40	150,000	1919	12/29/18	23.80	62,000	1956	2/22/56	16.72	62,200
1883	3/11/83	35.30	57,000	1920	5/26/20	36.20	178,000	1957	5/ 3/57	33.91	230,000
1884	5/14/84	42.70	177,000	1921	5/ 3/21	28.40	99,000	1958	5/ 8/58	33.70	249,000
1885	5/11/85	40.50	132,000	1922	5/ 5/22	34.30	132,000	1959	8/ 1/59	17.19	61,200
1886	4/29/86	28.30	31,000	1923	2/ 8/23	24.30	75,000	1960	12/15/59	22.47	124,000
1887	3/19/87	28.40	33,000	1924	12/26/23	30.40	133,000	1961	12/15/60	22.47	124,000
1888	5/19/88	40.30	129,000	1925	5/ 3/25	21.80	63,000	1962	1/31/62	18.86	84,100
1889	2/ 3/89	41.90	160,000	1926	7/30/26	23.20	75,000	1963	12/ 1/62	17.00	59,700
1890	5/ 8/90	44.70	221,000	1927	4/29/27	37.40	248,000	1964	4/29/64	21.65	100,000
1891	2/12/91	35.20	59,000	1928	4/29/28	25.10	95,000	1965	2/14/65	21.78	96,200
1892	5/28/92	45.60	242,000	1929	5/26/29	27.48	121,000	1966	5/ 4/66	29.60	174,000
1893	1/ 1/93	39.10	108,000	1930	5/26/30	35.91	243,000	1967	6/ 5/67	20.28	88,000
1894	4/ 2/94	44.40	215,000	1931	12/11/30	22.74	62,600	1968	5/22/68	25.71	136,000
1895	7/29/95	40.30	129,000	1932	2/ 3/32	31.79	168,000	1969	2/ 3/69	22.53	125,000
1896	2/25/96	27.50	35,000	1933	5/31/33	22.82	75,600	1970	4/30/70	21.20	101,000
1897	4/11/97	34.10	53,000	1934	4/11/34	21.78	71,400	1971	11/ 1/70	15.47	44,700
1898	5/21/98	25.00	30,000	1935	5/29/35	32.65	181,000	1972	12/16/71	24.95	134,000
1899	1/24/99	25.60	31,000	1936	12/12/35	22.32	86,400	1973	4/29/73	26.55	156,000
1900	5/ 8/ 0	25.00	30,000	1937	1/29/37	23.15	93,600	1974	12/ 6/73	24.84	140,000
1901	6/ 7/ 1	26.40	33,000	1938	3/ 1/38	35.50	211,000	1975	11/14/74	22.90	119,000
1902	6/14/ 2	27.60	35,000	1939	4/21/39	22.47	88,500	1976	4/26/76	16.70	57,000
1903	12/15/ 2	44.10	208,000	1940	7/ 8/40	22.04	95,600	1977	4/ 1/77	21.70	106,000
1904	6/24/ 4	38.50	98,000	1941	5/12/41	27.93	143,000	1978	3/30/78		73,000
1905	6/ 9/ 5	43.60	197,000	1942	5/ 5/42	31.47	183,000	1979	4/ 4/79	22.52	99,000
1906	1/ 2/ 6	32.60	54,000	1943	5/18/43	21.86	93,300	1980	2/ 1/80	17.08	47,100
1907	6/13/ 7	36.90	90,000	1944	5/ 9/44	27.70	163,000				
1908	6/15/ 8	45.10	256,000	1945	4/ 7/45	37.90	303,000				

07348615 Bayou Dorcheat near Bussay, Ark.

Location.--Lat 33°12'23", long 93°23'34". State Highway 132 bridge, 4.8 miles northeast of Bussay.

Gage.--Automatic recorder and staff.

Remarks.--Records furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1969	2/ 3/69	216.93	6,000	1974	6/ 8/74	219.83	22,000	1979	4/24/79	217.22	7,200
1970	4/28/70	216.18	3,100	1975	2/ 3/75	217.23	7,400	1980	4/15/80	216.82	5,500
1971	5/15/71	215.28	1,300	1976	3/30/76	216.80	5,400	1981	5/21/81	215.84	
1972	1/ 7/72	215.24	1,300	1977	3/30/77	216.10	2,400	1983	12/28/82	217.60	
1973	12/11/72	216.89	8,100	1978	5/15/78	215.15	1,200	1984	3/31/84	215.90	

07348630 Barlow Branch tributary near McNeil, Ark.

Location.--Lat 33°18'43", long 93°13'52", in NW 1/4 SE 1/4 sec.25, T.16 S., R.21 W., on right bank 10 ft upstream from culvert on U.S. Highway 79, 0.5 mile upstream from mouth, and 2.5 miles south of McNeil.

Drainage area.--0.05 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 6 ft³/s and by culvert measurements at 41 ft³/s, 58 ft³/s, and 90 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	7/16/61	7.20	58	1969	3/18/69	5.52	13	1977	3/28/77	5.45	12
1962	11/22/61	6.63	41	1970	4/30/70	6.02	24	1978	8/30/78	5.74	18
1963	10/ 8/62	5.40	11	1971	11/ 8/70	5.40	11	1979	1/20/79	5.54	14
1964	4/24/64	8.17	90	1972	3/29/72	5.08	6	1980	5/16/80	6.04	25
1965	1/ 9/65	6.13	28	1973	12/ 9/72	5.81	19	1981	7/ 5/81	6.80	46
1966	4/30/66	5.88	21	1974	4/22/74	8.11	89	1982	6/12/82	6.39	35
1967	5/ 4/67	5.42	11	1975	1/10/75	6.26	31				
1968	5/17/68	7.41	64	1976	5/26/76	5.55	14				

07348700 Bayou Dorcheat near Springhill, La.

Location.--Lat 32°59'40", long 93°23'45", in NE 1/4 NE 1/4 sec.16, T.23 N., R.10 W., on downstream side of bridge on Louisiana State Highway 157, 0.4 mile downstream from Crooked Creek, 1.7 miles downstream from Arkansas-Louisiana State line, and 4 mile southeast of Springhill.

Drainage area.--605 mi².

Gage.--Recording. Datum of gage is 173.91 ft above sea level, supplementary adjustment of 1941.

Bankfull stage.--7.5 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1958	4/28/58	22.79	36,400	1968	5/20/68	15.17	6,520	1977	4/ 1/77	13.54	3,450
1959	2/17/59	14.04	3,880	1969	3/20/69	15.06	6,210	1978	5/16/78	12.59	1,880
1960	3/ 6/60	13.85	3,520	1970	5/ 3/70	14.30	5,170	1979	4/25/79	15.54	10,200
1961	7/19/61	14.94	5,900	1971	5/18/71	11.93	1,280	1980	4/16/80	14.96	8,160
1962	12/19/61	15.18	6,600	1972	1/ 8/72	13.29	2,960	1981	5/20/81	14.57	4,950
1963	7/15/63	13.19	2,550	1973	4/26/73	17.68	19,200	1982	6/21/82	13.36	2,340
1964	4/26/64	16.60	10,700	1974	6/10/74	20.81	30,500	1983	12/29/82	16.68	10,500
1965	2/13/65	15.66	7,920		4/24/74	18.35	20,700	1984	2/16/84	13.34	2,580
1966	5/ 3/66	17.27	12,700	1975	2/ 4/75	17.07	15,600				
1967	5/12/67	11.59	1,100	1976	3/11/76	15.44	9,060				

07349430 Bodcu Creek at Stamps, Ark.

Location.--Lat 33°22'00", long 93°31'20", in NE 1/4 NW 1/4 sec.7, T.16 S., R.23 W., on downstream side of bridge on U.S. Highway 82, 0.1 mile upstream from Tatum Branch and 1 mile west of Stamps.

Drainage area.--234 mi².

Gage.--Nonrecording prior to June 3, 1959; recording thereafter. Datum of gage is 234.36 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 12,000 ft³/s.

Bankfull stage.--14 ft.

Historical data. Flood in 1945 is greatest known since at least 1890.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927		17.50		1963	5/ 3/63	8.01	1,320	1971	3/18/71	6.42	607
1930		17.30		1964	4/25/64	10.93	3,120	1972	1/ 8/72	8.18	886
1945	3/ /45	18.90		1965	2/13/65	12.62	5,970	1973	4/25/73	11.88	4,250
1958	4/27/58	15.80	15,000	1966	4/27/66	15.31	11,600	1974	9/ 2/74	12.90	5,930
1959	2/18/59	9.78	1,800	1967	5/ 7/67	9.05	1,400	1975	5/ 5/75	12.02	4,450
1960	12/20/59	9.75	1,760	1968	5/13/68	11.65	3,930	1976	3/10/76	11.24	3,400
1961	7/18/61	13.70	7,620	1969	2/ 2/69	13.06	6,240	1977	3/31/77	10.35	2,360
1962	2/25/62	12.26	5,370	1970	4/28/70	11.36	3,550	1978	1/29/78	8.53	986

07349500 Bodcau Bayou near Sarapta, La.

Location.--Lat 32°54'18", long 93°28'58", in NE 1/4 NE 1/4 sec.15, T.22 N., R.11 W., on left bank on downstream side of bridge on Louisiana State Highway 2, 2 miles west of Sarapta, and 9.5 miles upstream from Canay Creek.

Drainage area.--546 mi².

Gage.--Recording. Datum of gage is 173.91 ft above sea level, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements. Rate of change in stage used as a factor.

Bankfull stage.--17 ft.

Historical data.--Flood in 1905 may have reached a stage of 27 ft, from information by local residents. Flood of May 22-23, 1930, exceeded 25 ft.

Remarks.--Some regulation since 1960 by Lake Erling (usable capacity, 79,000 acre-ft), 15 miles upstream.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1905		25.00		1953	4/30/53	19.05	6,020	1969	3/20/69	17.64	4,350
1930	5/22/30	27.00		1954	5/16/54	13.46	1,540	1970	5/ 3/70	17.63	4,260
1939	3/ 1/39	18.47	5,050	1955	4/21/55	15.28	2,340	1971	7/28/71	12.40	1,200
1940	7/ 6/40	22.16	12,600	1956	2/11/56	14.52	1,750	1972	4/26/72	20.60	8,360
1941	5/ 7/41	19.88	7,470	1957	4/28/57	20.49	8,890	1973	4/26/73	20.06	8,360
1942	5/ 1/42	20.82	9,170	1958	5/ 2/58	25.14	18,600	1974	12/ 5/73	20.64a	8,440
1943	4/22/43	16.08	2,830	1959	2/16/59	15.09	2,040	1975	2/ 3/75	20.66	8,350
1944	5/ 7/44	20.28	8,170	1960	3/ 5/60	16.73	3,170	1976	3/10/76	15.49	2,450
1945	3/ 4/45	19.82	7,820	1961	7/24/61	16.16	2,750	1977	4/ 7/77	15.02	2,120
1946	1/11/46	19.87	7,990	1962	12/19/61	18.57	5,290	1978	1/29/78	9.95	756
1947	5/19/47	16.16	2,830	1963	7/16/63	16.22a	3,070	1979	5/ 6/79	17.98	4,610
1948	3/29/48	18.00	4,740	1964	4/28/64	18.60	5,230	1980	4/ 1/80	16.64	3,420
1949	1/29/49	18.70	5,700	1965	2/19/65	17.28	3,930	1981	5/20/81	16.15	2,970
1950	1/16/50	20.36	8,340	1966	5/ 2/66	22.39	10,900	1982	6/25/82	13.84	1,560
1951	2/20/51	15.67	2,480	1967	2/20/67	9.52	727	1983	12/29/82	18.87	5,620
1952	3/14/52	17.17	3,730	1968	5/20/68	17.73	4,270	1984	12/13/83	14.99	1,860

07355800 Lewis Creek tributary near Mena, Ark.

Location.--Lat 34°37'15", long 94°12'15", on east line of NE 1/4 SW 1/4 sec.33, T.1 S., R.30 W., on right bank 22 ft upstream from culvert on U.S. Highway 71, 0.3 mile upstream from mouth, 2.5 miles north of junction of U.S. Highway 71 and State Highway 88, and 3.1 miles northeast of Mena.

Drainage area.--0.65 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from June 1969 to November 1974.

Stage-discharge relation.--Defined by current-meter measurement at 42 ft³/s and by culvert measurements at 124 ft³/s, 177 ft³/s, 235 ft³/s, and 559 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	7/23/61	3.00	120	1969	11/29/68	2.91	118	1977	3/28/77	3.86	224
1962	11/22/61	2.50	66	1970	4/25/70	2.93	115	1978	5/ 7/78	3.33	160
1963	6/16/63	2.20	38	1971	10/26/70	3.94	235	1979	3/30/79	5.00	375
1964	3/ 9/64	3.04	124	1972	12/ 9/71	4.05	248	1980	12/24/79	3.31	140
1965	11/18/64	3.02	122	1973	10/31/72	6.19	559	1981	7/ 1/81	4.12	260
1966	5/18/66	3.44	160	1974	6/ 8/74	5.80	500	1982	5/14/82	5.12	397
1967	7/ 6/67	3.86	225	1975	3/28/75	4.32	282	1983	12/ 3/82	4.13	262
1968	5/13/68	3.94	235	1976	7/25/76	3.25	150	1984	5/ 3/84	3.31	150

07355900 Big Fork tributary at Big Fork, Ark.

Location.--Lat 34°28'23", long 93°56'38", in SE 1/4 NW 1/4 sec.23, T.3 S., R.28 W., on right bank 7 ft upstream from culvert on State Highway 8, 0.2 mile upstream from mouth, and 0.9 mile southeast of Big Fork.

Drainage area.--0.17 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 19 ft³/s and by culvert measurements at 29 ft³/s, 44 ft³/s, 66 ft³/s, and 225 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1964	3/ 9/64	6.87	29	1971	10/26/70	7.02	33	1978	8/30/78	5.70	5
1965	2/ 9/65	6.26	17	1972	12/ 9/71	9.05	92	1979	3/30/79	7.37	42
1966	4/25/66	7.45	44	1973	11/ 6/72	7.01	33	1980	5/16/80	6.74	27
1967	5/ 6/67	7.06	34	1974	4/22/74	9.36	103	1981	4/23/81	7.12	36
1968	5/13/68	8.21	66	1975	3/28/75	6.94	31	1982	5/14/82	7.14	36
1969	1/29/69	7.23	39	1976	6/25/76	6.89	30	1983	12/ 3/82	14.25	225
1970	3/ 3/70	6.59	23	1977	3/28/77	7.59	48				

07356000 Ouachita River near Mount Ida, Ark.

Location.--Lat 34°36'36", long 93°41'50", in SE 1/4 SW 1/4 sec.32, T.1 S., R.25 W., on right bank 350 ft upstream from bridge on U.S. Highway 270, 3.1 miles upstream from Fiddler's Creek, 5.2 miles northwest of Mount Ida, and at mile 553.4.

Drainage area.--414 mi².

Gage.--Nonrecording prior to December 3, 1941, and March 1, 1945, to April 1, 1946; recording during rest of period. Prior to November 3, 1949, at site 350 ft downstream at same datum. Datum of present gage is 655.14 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--22 ft.

Remarks.--Records prior to October 1, 1949, furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1942	4/28/42	18.68	20,500	1957	4/ 4/57	20.83	22,500	1972	12/10/71	38.62	95,500
1943	4/18/43	8.84	4,890	1958	5/ 3/58	22.04	25,100	1973	11/ 1/72	28.30	40,600
1944	5/ 3/44	17.30	17,700	1959	11/17/58	23.02	27,300	1974	6/ 8/74	23.89	28,200
1945	3/30/45	27.80	48,500	1960	5/21/60	32.18	57,300	1975	3/29/75	21.52	23,000
1946	1/ 9/46	20.00	20,400	1961	12/11/60	19.08	19,000	1976	3/ 9/76	13.25	8,930
1947	12/12/46	19.20	18,600	1962	11/23/61	17.19	15,400	1977	3/28/77	26.77	37,400

07356000 Ouachita River near Mount Ida, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1948	1/ 1/48	25.65	39,800	1963	3/11/63	10.38	5,790	1978	3/ 8/78	11.86	7,160
1949	1/25/49	30.80	54,800	1964	3/10/64	22.15	24,000	1979	3/20/79	19.52	21,500
1950	2/12/50	24.84	31,300	1965	2/10/65	15.59	12,400	1980	12/24/79	13.97	11,600
1951	7/ 3/51	21.70	24,400	1966	4/26/66	21.86	23,300	1981	12/ 9/80	15.27	13,900
1952	4/23/52	24.26	30,200	1967	5/ 7/67	18.45	16,900	1982	3/14/82	16.91	16,400
1953	11/26/52	21.66	23,600	1968	5/14/68	28.40	40,100	1983	12/ 3/82	39.78	102,000
1954	5/ 3/54	23.48	28,400	1969	7/26/69	25.87	32,700	1984	12/ 3/83	13.17	10,400
1955	3/21/55	14.40	10,500	1970	4/26/70	18.13	16,400				
1956	2/18/56	17.46	15,800	1971	10/27/70	21.77	24,600				

07356500 South Fork Ouachita River at Mount Ida, Ark.

Location.--Lat 34°33'37", long 93°38'09", in NE 1/4 NE 1/4 sec.23, T.2 S., R.25 W., on downstream side of bridge on U.S. Highway 270 at Mount Ida, 3.4 miles upstream from Williams Creek, and at mile 22.5.

Drainage area.--64 mi².

Stage-discharge relation.--Defined by current-meter measurements below 18,000 ft³/s.

Bankfull stage.--10 ft.

Remarks.--Records furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1950	2/12/50	10.59	7,540	1960	5/20/60	13.69	17,900	1970	4/19/70	8.32	4,230
1951	7/ 2/51	9.80	5,200	1961	5/ 6/61	9.21	5,950	1971	10/27/70	11.00	8,410
1952	4/ 1/52	12.61	10,500	1962	11/22/61	7.20	3,370	1972	12/10/71	14.70	19,000
1953	11/25/52	13.24	10,800	1963	5/11/63	5.82	2,040	1973	10/30/72	13.17	14,000
1954	5/ 2/54	10.60	6,320	1964	5/ 9/64	12.40	13,000	1974	5/22/74	12.65	12,500
1955	3/20/55	8.36	2,920	1965	9/22/65	9.03	4,930	1975	3/28/75	8.65	4,660
1956	2/ 2/56	10.52	5,640	1966	4/24/66	9.45	6,250	1976	3/ 8/76	5.30	1,400
1957	4/ 3/57	10.38	5,870	1967	5/ 6/67	8.74	5,020	1977	3/28/77	9.70	6,160
1958	5/ 2/58	9.92	5,970	1968	5/13/68	15.00	20,000	1978	5/ 7/78	3.80	574
1959	11/15/58	8.77	5,000	1969	7/26/69	13.70	15,700				

07356700 Barnes Branch near Mount Ida, Ark.

Location.--Lat 34°33'57", long 93°37'03", in SE 1/4 SE 1/4 sec.13, T.2 S., R.25 W., on right bank 35 ft upstream from culvert on State Highway 27, 0.3 mile upstream from mouth, and 1.1 miles northeast of Mount Ida.

Drainage area.--1.85 mi².

Gage.--Crest-stage gage. Datum of gage is 602.86 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 61 ft³/s and by culvert measurements below 3,070 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	5/ 6/61	11.62	654	1969	7/26/69	13.76	1,000	1977	10/25/76	9.28	115
1962	11/22/61	9.61	175	1970	4/19/70	10.36	315	1978	8/30/78	9.33	120
1963	6/16/63	9.10	83	1971	10/26/70	11.14	475	1979	11/16/78	11.48	540
1964	3/ 9/64	10.73	350	1972	12/10/71	14.50	1,140	1980	9/28/80	10.15	275
1965	9/22/65	12.01	675	1973	3/10/73	11.32	510	1981	7/30/81	12.11	670
1966	4/23/66	11.24	465	1974	6/ 8/74	12.80	810	1983	12/ 3/82	16.79	3,070
1967	5/31/67	10.39	275	1975	3/28/75	11.03	450				
1968	5/13/68	12.22	760	1976	3/ 8/76	9.73	195				

07357501 Ouachita River at Blakely Mountain Dam near Hot Springs, Ark.

Location.--Lat 34°34'17", long 93°11'23", in outlet of power tunnel at Blakely Mountain Dam, 2.3 miles upstream from Glazypau Creek, 10 miles northwest of Hot Springs, and at mile 486.9.

Drainage area.--1,105 mi² (1,100 mi² at site used prior to 1951).

Gage.--Recording. Prior to October 1, 1950, at site 3.2 miles upstream at datum 404.16 ft above sea level. October 1, 1950, to March 17, 1952, at site 2,000 ft downstream at datum 395.92 ft above sea level. March 18, 1952, to August 29, 1955, at site 1,700 ft downstream at present datum. Datum of gage is at sea level. All datums based on 1929 adjustments.

Stage-discharge relation.--Defined by current-meter measurements below 92,000 ft³/s at site used prior to 1951. Since 1952, computed from flow meter and estimated leakage.

Remarks.--Records since 1950 furnished by Corps of Engineers. Flow completely regulated since July 1952 by Lake Ouachita upstream from Blakely Mountain Dam. Published as "near Mountain Pine," station 7-3570, prior to 1951.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1923	5/ 23	37.00	112,000	1952	4/24/52		33,100	1969	2/15/69		6,750
1937	1/23/37	22.38	39,100	1953	5/18/53		10,900	1970	1/ 1/70		6,720
1938	2/18/38	32.20	83,200	1954	10/ 9/53		805	1971	3/ 3/71		6,810
	1/24/38	26.80	57,400	1955	8/30/55		2,640	1972	12/16/71		6,510
1939	4/17/39	34.54	94,900	1956	10/21/55		6,300	1973	6/10/73		6,750
1940	4/29/40	13.36	13,700	1957	5/30/57		9,020	1974	6/22/74		9,440
1941	11/23/40	20.10	31,300	1958	5/13/58		9,300	1975	12/ 4/74		6,650
1942	4/28/42	23.90	44,900	1959	2/ 4/59		5,960	1976	11/13/75		3,710
1943	12/27/42	18.46	26,500	1960	5/26/60		9,140	1977	4/ 8/77		6,540
1944	4/23/44	26.50	56,000	1961	1/11/61		6,070	1978	5/11/78		6,500
1945	3/30/45	38.55	123,000	1962	3/14/62		6,250	1979	3/21/79		6,360
1946	5/25/46	23.10	41,800	1963	1/17/63		4,750	1980	5/20/80		4,190
1947	12/12/46	18.76	27,400	1964	1/27/64		6,590	1981	6/15/81		6,540
1948	1/ 2/48	20.54	32,600	1965	9/15/65		7,200	1982	3/18/82		6,500
1949	1/26/49	29.28	69,100	1966	5/12/66		5,790	1983	12/19/82		12,400
1950	2/13/50	23.69	44,100	1967	10/31/66		3,250				
1951	2/21/51		21,400	1968	6/13/68		9,550				

07357700 Glazypau Creek at Mountain Valley, Ark.

Location.--Lat 34°37'33", long 93°03'10", in SE 1/4 SE 1/4 sec.20, T.1 S., R.19 W., crest-stage gage on right wingwall 2 ft downstream from bridge, and recording gage on right bank 12 ft downstream from bridge on State Highway 7, just downstream from small tributary, 0.4 mile upstream from small tributary, and 0.3 mile southeast of Mountain Valley.

Drainage area.--3.84 mi², approximately.

Gage.--Recording and crest-stage gage. Recording rainfall gage from December 1967 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 670 ft³/s and by contracted-opening measurements at 2,110 ft³/s and 2,120 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	12/10/60	9.84	400	1969	1/29/69	12.25	2,120	1977	3/ 3/77	10.49	600
1962	2/26/62	10.36	560	1970	3/ 3/70	10.43	560	1978	5/ 1/78	9.45	322
1963	7/16/63	12.41	2,110	1971	10/27/70	11.13	920	1979	4/ 2/79	11.65	1,400
1964	3/ 9/64	10.91	800	1972	8/10/72	8.64	187	1980	4/25/80	9.02	248
1965	2/11/65	10.43	580	1973	4/19/73	10.82	740	1981	2/ 1/81	8.25	125
1966	4/23/66	10.41	580	1974	4/21/74	12.02	1,920	1982	6/28/82	10.34	560
1967	5/ 1/67	10.90	785	1975	3/28/75	10.60	640	1983	12/ 3/82	12.29	1,960
1968	5/13/68	11.85	1,250	1976	3/ 8/76	8.28	138	1984	12/ 3/83	8.69	207

07359500 Ouachita River near Malvern, Ark.

Location.--Lat 34°23'10", long 92°50'20", in NW 1/4 sec.16, T.4 S., R.17 W., on downstream side of bridge on State Highway 84, 2 miles northwest of Malvern, 5.8 miles downstream from Rammel Dam, and at mile 450.1.

Drainage area.--1,585 mi².

Gage.--Nonrecording prior to 1925; recording thereafter. March 1903 to April 1904 at present site at datum 2.00 ft higher. January 1925 to March 1937 at site 5.8 miles upstream at datum 20.11 ft higher. Datum of present gage is 228.05 ft above sea level. Gage height records for 1903-4 adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 120,000 ft³/s at present site and extended by logarithmic plotting. Defined by current-meter measurements below 44,000 ft³/s at Rammel Dam.

Remarks.--Flow regulated since 1925 by Lake Catherine (capacity, 13,950 acre-ft), since 1912 by Lake Hamilton (capacity, 70,560 acre-ft), and since July 1952 by Lake Ouachita (capacity, 2,768,000 acre-ft). Peaks not seriously affected prior to regulation by Lake Ouachita. Only annual peaks are shown. Published as "at Rammel Dam, near Malvern" January 1926 to March 1937.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1903	3/10/3	24.00	66,500	1943	5/31/43	14.76	19,200	1965	2/11/65	11.66	13,600
1904	3/18/4	20.00	39,500	1944	4/23/44	25.20	83,000	1966	4/26/66	19.26	42,700
1923	5/15/23	30.30	140,000	1945	3/30/45	27.20	132,000	1967	5/6/67	15.23	22,400
1924	12/13/23		26,000	1946	5/23/46	24.90	80,000	1968	5/14/68	26.02	110,000
1925	2/23/25		16,000	1947	12/12/46	18.60	35,100	1969	1/30/69	24.11	84,200
1926	1/21/26		60,900	1948	1/2/48	18.80	36,100	1970	3/3/70	12.77	18,100
1927	4/21/27		138,000	1949	1/26/49	24.89	90,700	1971	10/27/70	10.02	12,200
1928	4/6/28		60,000	1950	2/13/50	21.72	57,100	1972	9/18/72	13.10	18,400
1929	12/17/28		48,100	1951	7/3/51	20.70	49,800	1973	4/23/73	25.10	95,800
1930	5/10/30		58,200	1952	4/23/52	18.40	38,600	1974	4/22/74	23.36	76,000
1931	10/7/30		41,600	1953	12/4/52	20.90	54,400	1975	3/29/75	15.65	26,000
1932	1/5/32		67,400	1954	5/2/54	17.36	31,400	1976	6/25/76	11.94	16,700
1933	12/30/32		74,400	1955	5/27/55	14.36	20,000	1977	3/3/77	19.64	45,200
1934	3/26/34		63,700	1956	2/18/56	12.75	15,500	1978	3/23/78	14.36	22,000
1935	5/5/35		70,500	1957	4/4/57	16.14	27,400	1979	11/16/78	17.02	31,500
1936	12/9/35		13,200	1958	5/2/58	21.16	55,200	1980	9/28/80	8.63	10,500
1937	1/22/37		53,800	1959	2/14/59	15.25	23,500	1981	6/3/81	11.42	15,600
1938	2/18/38	26.74	103,000	1960	6/27/60	12.71	16,000	1982	4/2/82	14.03	21,300
1939	4/16/39	27.00	108,000	1961	3/31/61	13.08	17,100	1983	12/3/82	27.06	125,000
1940	4/30/40	15.82	22,000	1962	2/27/62	11.95	14,300	1984	5/2/84	13.15	19,300
1941	11/23/40	13.72	16,500	1963	7/16/63	21.03	53,800				
1942	4/8/42	21.77	56,000	1964	4/23/64	18.81	39,800				

07359520 Jackson Creek near Malvern, Ark.

Location.--Lat 34°22'01", long 92°52'01", in SW 1/4 NE 1/4 sec.19, T.4 S., R.17 W., on left bank 40 ft upstream from culvert on State Highway 84, 0.7 mile upstream from mouth, and 3.2 miles west of Malvern.

Drainage area.--2.95 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 260 ft³/s and by culvert measurements at 482 ft³/s, 1,200 ft³/s, and 1,590 ft³/s.

Remarks.--Only annual peaks are shown. Prior to 1978 published as Ouachita River tributary near Malvern.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	1/22/62	7.51	482	1969	1/30/69	9.83	1,200	1976	6/25/76	4.98	85
1963	3/4/63	5.82	153	1970	3/3/70	6.20	212	1977	3/3/77	6.93	335
1964	4/23/64	7.75	555	1971	8/4/71	4.42	48	1978	11/16/77	5.03	87
1965	2/11/65	6.45	235	1972	12/10/71	5.78	158	1979	4/23/79	9.05	910
1966	4/23/66	6.09	184	1973	3/10/73	10.89	1,590	1980	4/13/80	4.83	73
1967	5/6/67	6.61	260	1974	6/8/74	11.37	1,800	1981	5/26/81	5.38	115
1968	5/13/68	8.26	650	1975	5/3/75	6.87	325				

07359700 Caddo River at Glenwood, Ark.

Location.--Lat 34°19'19", long 93°32'28", in SE 1/4 NE 1/4 sec.10, T.5 S., R.24 W., on downstream side of bridge on U.S. Highway 70 and State Highway 27 at Glenwood, 700 ft downstream from Sweetwater Creek, and at mile 52.1.

Drainage area.--192 mi².

Gage.--Nonrecording prior to November 26, 1946; recording thereafter. Datum of gage is 514.41 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 84,000 ft³/s.

Bankfull stage.--14 ft.

Remarks.--Records furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	4/16/39	15.60		1956	2/ 2/56	16.40	14,500	1971	10/27/70	12.20	7,300
1942	4/ 8/42	14.40		1957	4/ 3/57	16.80	15,500	1972	12/10/71	26.40	53,800
1943	5/20/43	12.10		1958	11/13/57	17.60	18,000	1973	4/21/73	25.50	49,000
1944	5/ 1/44	14.20		1959	11/15/58	17.30	16,500	1974	4/22/74	23.98	41,800
1945	3/30/45	27.00	65,000	1960	5/20/60	17.60	17,500	1975	3/28/75	19.06	23,500
1946	5/25/46	19.40	31,000	1961	5/ 6/61	27.95	61,600	1976	3/ 8/76	13.92	10,200
1947	4/30/47	11.70	9,500	1962	2/26/62	12.09	6,200	1977	3/ 3/77	17.12	17,600
1948	3/ 1/48	13.60	14,000	1963	3/11/63	11.60	5,500	1978	11/ 1/77	12.70	8,100
1949	1/24/49	22.40	42,000	1964	3/ 9/64	19.35	22,500	1979	3/30/79	18.50	21,600
1950	2/12/50	15.90	20,000	1965	1/ 9/65	19.70	23,500	1980	12/24/79	9.70	3,500
1951	7/ 3/51	15.40	19,000	1966	4/24/66	18.65	20,500	1981	6/16/81	10.80	
1952	4/ 1/52	17.20	24,000	1967	5/ 6/67	18.80	21,000	1982	2/16/82	9.70	
1953	12/ 4/52	19.60	32,000	1968	5/13/68	31.40	88,000	1983	7/ 2/83	9.30	
1954	5/ 2/54	16.90	19,000	1969	1/30/69	26.55	55,000	1984	5/ 3/84	11.70	
1955	3/20/55	18.50	23,000	1970	4/19/70	18.25	19,000				

07359750 Little Sugarloaf Creek near Bonnerdale, Ark.

Location.--Lat 34°21'40", long 93°27'30", in NW 1/4 SW 1/4 sec.27, T.4 S., R.23 W., on right bank 33 ft upstream from bridge on U.S. Highway 70, 3.2 miles upstream from mouth, and 4.7 miles southwest of Bonnerdale.

Drainage area.--2.32 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 850 ft³/s and by culvert measurement at 2,540 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	2/26/62	8.02	450	1970	4/19/70	7.49	330	1978	11/ 1/77	8.43	558
1963	6/16/63	6.29	126	1971	2/12/71	6.15	112	1979	5/23/79	9.56	920
1964	4/24/64	8.68	630	1972	9/17/72	11.91	1,860	1980	7/27/80	8.13	480
1965	7/16/65	8.26	515	1973	4/23/73	11.45	1,660	1981	6/ 6/81	8.47	565
1966	8/13/66	11.11	1,550	1974	6/ 7/74	14.55	3,450	1982	6/16/82	7.94	432
1967	5/ 1/67	9.52	900	1975	6/ 8/75	11.18	1,560	1983	12/ 2/82	12.89	2,380
1968	5/13/68	13.11	2,540	1976	3/ 8/76	8.17	488				
1969	1/30/69	11.10	1,550	1977	3/ 4/77	8.75	650				

07359800 Caddo River near Alpine, Ark.

Location.--Lat 34°16'00", long 93°21'45", in SW 1/4 SE 1/4 sec.28, T.5 S., R.22 W., at Runyan Bridge on county road between Alpine and Bismarck, 7.1 miles downstream from Fork Creek, and at mile 33.8.

Drainage area.--312 mi².

Gage.--Nonrecording prior to January 27, 1947; recording thereafter. Datum of gage is 394.85 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 38,000 ft³/s.

Remarks.--Records furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927		22.00	43,000	1951	7/ 3/51	13.66	20,800	1961	5/ 6/61	27.15	55,800
1939	4/16/39	20.30	37,700	1952	4/23/52	15.97	27,400	1962	2/27/62	13.08	17,800
1940	4/29/40	7.86	8,150	1953	12/ 4/52	19.05	37,800	1963	3/11/63	8.75	7,990
1941	11/23/40	20.60	39,400	1954	5/ 2/54	13.80	21,900	1964	3/ 9/64	18.05	30,600
1942	4/ 8/42	19.40	36,200	1955	3/21/55	16.25	27,900	1965	1/ 9/65	18.20	31,100
1945	3/30/45	30.20	64,200	1956	2/ 2/56	12.15	17,900	1966	8/21/66	17.61	23,000
1947	4/30/47	10.00	12,500	1957	4/ 4/57	13.70	19,400	1967	5/ 6/67	17.87	24,500
1948	3/ 2/48	12.39	18,300	1958	5/ 3/58	20.18	36,500	1968	5/13/68	35.64	85,000
1949	1/24/49	23.50	46,900	1959	2/14/59	16.16	25,800	1969	1/30/69	25.85	48,500
1950	2/12/50	15.75	26,900	1960	5/20/60	13.00	17,600	1970	4/19/70	13.40	15,600

07359910 Caddo River at DeGray Regulating Dam near Caddo Valley, Ark.

Location.--Lat 34°10'38", long 93°06'00", in NW 1/4 sec.36, T.6 S., R.2 W., 4.8 miles above mouth and 1 1/2 miles west of Caddo Valley.

Drainage area.--480 mi².

Gage.--Recording. In controlhouse on leftbank of river, 3 miles downstream from DeGray Dam. Datum of gage is sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records furnished by U.S. Corps of Engineers. Discharge regulated by DeGray Reservoir.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1967	5/ 7/67		23,400	1973	3/14/73		6,410	1979	12/ 9/78		7,690
1968	5/14/68		44,300	1974	6/ 8/74		6,820	1980	5/29/80		4,010
1969	1/31/69		38,000	1975	3/31/75		6,680	1981	12/10/80		10,300
1970	5/20/70		4,160	1976	6/25/76		5,490	1982	4/ 4/82		4,250
1971	8/26/71		381	1977	3/ 7/77		6,180	1983	12/15/82		9,040
1972	9/18/72		4,020	1978	5/ 7/78		6,240				

07360000 Ouachita River at Arkadelphia, Ark.

Location.--Lat 34°07'16", long 93°02'46", in sec.17, T.7 S., R.19 W., at bridge on State Highway 7 at Arkadelphia, 5.4 miles downstream from Caddo River, and at mile 420.6.

Drainage area.--2,311 mi².

Gage.--Nonrecording prior to March 31, 1946; recording thereafter. September 1905 to December 1906 at site 800 ft downstream at different datum. January 1914 to September 28, 1934, at present site at datum 5.00 ft higher (adjusted at present datum). Datum of present gage is 160.30 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 161,000 ft³/s.

Bankfull stage.--17 ft.

Remarks.--All records except those for 1906 furnished by Corps of Engineers. Slight regulation since 1925 by Lake Catherine and since 1932 by Lake Hamilton. Considerable regulation since 1952 by Lake Ouachita. See remarks for Ouachita River near Malvern. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1906	5/ 4/ 6	20.60	33,800	1937	1/22/37	26.03	81,400	1961	5/ 7/61	24.20	55,100
1914	4/29/14	26.20		1938	2/19/38	28.97	133,000	1962	2/28/62	21.65	33,600
1915	8/22/15	26.30		1939	4/17/39	28.87	131,000	1963	7/17/63	19.18	26,200
1916	1/28/16	23.20		1940	5/ 1/40	17.40	20,800	1964	4/24/64	25.13	58,800
1917	3/ 4/17	20.80		1941	11/24/40	18.15	22,700	1965	2/12/65	20.90	32,400
1918	4/ 7/18	22.40		1942	4/ 9/42	26.75	94,700	1966	4/26/66	24.98	71,300
1919	12/14/18	23.60		1943	4/19/43	18.49	22,000	1967	5/ 7/67	23.56	47,400

07360000 Ouachita River at Arkadelphia, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1920	5/12/20	27.90		1944	5/ 2/44	25.90	86,400	1968	5/14/68	30.08	162,000
1921	4/27/21	26.50		1945	3/30/45	30.30	170,000	1969	1/31/69	28.02	121,000
1922	4/ 1/22	22.80		1946	4/30/46	27.83	122,000	1970	3/ 4/70	18.79	24,200
1923	5/15/23	28.30		1947	12/13/46	21.90	36,800	1971	1/ 6/71	11.30	9,320
1924	5/ 1/24	15.30		1948	3/ 2/48	23.68	47,300	1972	9/19/72	15.77	16,100
1925	2/24/25	15.00		1949	1/27/49	28.15	139,000	1973	4/24/73	24.90	61,700
1926	1/22/26	24.70		1950	2/13/50	25.92	76,600	1974	6/ 8/74	27.02	56,500
1927	4/21/27	29.20	133,000	1951	7/ 3/51	26.20	81,100	1975	5/ 3/75	20.17	27,900
1928	4/ 8/28	22.30		1952	4/24/52	22.85	41,800	1976	6/25/76	17.22	27,600
1929	1/26/29	19.10	26,600	1953	12/ 4/52	25.15	73,100	1977	3/ 4/77	21.40	40,000
1930	1/10/30	25.40	68,300	1954	5/ 3/54	23.30	45,200	1978	5/10/78		18,400
1931	10/ 8/30	21.02	35,400	1955	3/21/55	23.90	51,100	1979	5/ 4/79	19.90	26,200
1932	1/ 5/32	26.72	89,100	1956	2/18/56	20.60	31,700	1980	4/14/80	12.20	12,200
1933	12/31/32	24.80	61,700	1957	4/ 4/57	24.20	55,100	1981	6/ 4/81	15.50	18,700
1934	3/27/34	24.28	56,800	1958	5/ 3/58	27.65	119,000	1982	4/ 3/82	15.60	17,200
1935	5/ 6/35	26.97	94,000	1959	2/15/59	24.00	52,300	1983	12/ 4/82	25.97	71,000
1936	12/ 7/35	17.72	23,200	1960	12/17/59	20.90	29,000	1984	5/ 3/84	21.10	

07360150 Pearson Creek tributary near Dalark, Ark.

Location.--Lat 34°01'59", long 92°52'05", in SE 1/4 NW 1/4 sec.17, T.8 S., R.17 W., on right bank 10 ft upstream from culvert on State Highway 8, 1.1 miles east of Dalark, and 1.7 miles upstream from mouth.

Drainage area.--0.42 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from September 1968 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 22 ft³/s and by culvert measurements at 113 ft³/s, 147 ft³/s, and 1,220 ft³/s.

Remarks.--Only annual peaks are shown. Published as "Casa Massa Creek tributary" prior to 1965.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/30/61	3.25	27	1968	5/13/68	4.93	101	1975	5/ 3/75	3.74	46
1962	2/26/62	5.16	113	1969	1/30/69	3.67	43	1976	6/15/76	3.76	47
1963	10/ 7/62	3.92	53	1970	3/ 3/70	3.10	22	1977	3/28/77	4.94	102
1964	4/22/64	5.81	147	1971	7/24/71	4.74	92	1978	9/25/78	3.39	32
1965	2/10/65	5.40	125	1972	5/ 1/72	2.90	15	1979	5/ 4/79	6.65	192
1966	4/25/66	5.04	107	1973	4/19/73	9.61	1220	1980	4/13/80	3.96	55
1967	4/25/67	4.62	85	1974	6/ 8/74	6.71	195	1981	7/28/81	4.63	85

07360501 Little Missouri River at Narrows Dam, near Murfreesboro, Ark.

Location.--Lat 34°08'51", long 93°43'04", in powerhouse at Narrows Dam, 6.5 miles northwest of Murfreesboro, 9.5 miles upstream from Muddy Fork Creek, and at mile 105.5.

Drainage area.--237 mi².

Gage.--Recording. Prior to June 18, 1947, at damsite and June 18, 1947, to May 26, 1950, at site 2,700 ft downstream at datum 400.81 ft above sea level. Datum of present gage is at sea level. Levels by Corps of Engineers.

Stage-discharge relation.--Since 1949 discharge computed from flowmeter, estimated leakage, and flow over spillway crest.

Remarks.--Records furnished by Corps of Engineers. Flow completely regulated by Lake Grasson since 1949. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1946	4/30/46	21.10	32,300	1959	3/ 6/59		984	1972	12/15/71		1,920
1947	4/30/47	10.39	8,780	1960	11/25/59		1,910	1973	1/10/73		2,600
1948	3/ 1/48	10.30	16,800	1961	5/10/61		3,700	1974	7/ 1/74		2,580
1949	1/24/49	17.10	34,500	1962	1/31/62		2,130	1975	12/11/74		2,760
1950	1/13/50		4,670	1963	1/24/63		1,270	1976	6/29/76		2,490

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1951	2/27/51		3,720	1964	5/ 5/64		1,750	1977	4/ 1/77		2,530
1952	4/30/52		7,200	1965	11/ 2/64		2,120	1978	10/ 1/77		2,340
1953	5/25/53		5,120	1966	5/12/66		1,460	1979	6/ 6/79		2,500
1954	9/ 7/54		1,920	1967	5/16/67		3,320	1980	5/25/80		2,470
1955	9/20/55		1,990	1968	5/24/68		3,440	1981	6/ 9/81		2,420
1956	8/29/56		1,970	1969	2/11/69		3,510	1982	6/16/82		2,410
1957	6/ 2/57		5,210	1970	5/ 4/70		2,460	1983	12/ 9/82		5,200
1958	5/13/58		3,550	1971	10/28/70		1,730				

07360800 Muddy Fork Creek near Murfreesboro, Ark.

Location.--Lat 34°04'59", long 93°45'07", in NE 1/4 sec.3, T.8 S., R.26 W., 3 miles northwest of Murfreesboro at mile 1.8.

Drainage area.--121 mi².

Gage.--Nonrecording prior to March 4, 1940; recording thereafter. Datum of gage is 337.29 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 24,000 ft³/s prior to 1950; not defined thereafter.

Bankfull stage.--15 ft.

Remarks.--Records furnished by Corps of Engineers. Peak discharge since 1959 estimated from previously defined stage-discharge relation. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1940	5/18/40	13.25	6,200	1955	3/21/55	16.72	11,900	1970	4/26/70	14.96	9,200
1941	11/23/40	17.20	11,800	1956	4/30/56	15.18	9,470	1971	5/24/71	10.40	3,100
1942	4/ 8/42	18.30	13,500	1957	5/26/57	14.35	8,190	1972	12/10/71	15.72	10,300
1943	3/12/43	10.20	3,400	1958	5/ 2/58	26.28	35,100	1973	4/19/73	18.95	16,000
1944	5/ 1/44	16.60	10,900	1959	2/14/59	14.95	9,150	1974	6/ 8/74	25.70	33,200
1945	3/30/45	29.70	47,100	1960	6/27/60	14.05	8,000	1975	2/ 1/75	19.08	16,400
1946	2/ 5/46	14.60	8,560	1961	5/ 6/61	17.45	13,500	1976	3/ 8/76	15.49	10,000
1947	4/30/47	12.40	5,480	1962	2/26/62	13.50	6,800	1977	3/ 3/77	18.39	14,800
1948	3/ 2/48	13.40	6,680	1963	3/16/63	10.20	2,600	1978	3/ 7/78	12.60	5,500
1949	1/24/49	21.75	24,700	1964	3/ 9/64	12.93	5,800	1979	11/16/78	18.02	14,100
1950	9/16/50	18.10	13,200	1965	3/29/65	13.95	7,400	1980	4/25/80	18.70	
1951	7/ 2/51	14.85	8,310	1966	8/21/66	15.80	11,000	1981	6/16/81	16.70	
1952	4/22/52	19.44	15,800	1967	5/ 6/67	17.85	14,000	1982	4/16/82	14.00	
1953	5/11/53	22.56	24,800	1968	5/13/68	21.35	22,000	1983	12/ 3/82	25.20	
1954	5/ 2/54	13.40	6,620	1969	1/30/69	24.74	32,000	1984	5/ 3/84	14.10	

07361000 Little Missouri River near Murfreesboro, Ark.

Location.--Lat 34°03', long 93°43', in SE 1/4 sec.13, T.8 S., R.26 W., on downstream side of bridge on State Highway 27, 1.9 miles downstream from Muddy Fork Creek, 2 miles southwest of Murfreesboro, 4.6 miles upstream from Prairie Creek, and at mile 24.1.

Drainage area.--380 mi².

Gage.--Nonrecording prior to September 30, 1931; recording thereafter. Datum of gage is 324.28 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 38,000 ft³/s and extended on basis of contracted-opening measurement of 120,000 ft³/s.

Bankfull stage.--17 ft.

Remarks.--Peak discharge materially regulated since November 1949 by Lake Greason (capacity, 407,900 acre-ft, drainage area, 237 mi²). Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/ 1/27	21.00		1948	3/ 2/48	14.53	21,200	1963	3/16/63	6.55	3,770
1928	4/21/28	7.75	8,740	1949	1/24/49	18.05	65,700	1964	4/23/64	14.52	21,200
1929	12/17/28	12.52	21,600	1950	9/16/50	13.74	16,600	1965	3/29/65	9.83	8,410
1930	5/ 3/30	14.00	26,000	1951	7/ 2/51	11.34	9,220	1966	8/21/66	10.48	9,630
1931	2/13/31	6.80	6,290	1952	4/22/52	14.19	17,600	1967	5/ 6/67	12.11	12,600
1938	1/24/38	17.50	54,300	1953	5/11/53	15.60	25,800	1968	5/13/68	14.44	20,800
1939	4/16/39	14.73	21,800	1954	5/ 2/54	9.10	6,080	1969	1/30/69	15.80	31,200
1940	5/18/40	13.49	16,800	1955	3/21/55	12.55	13,300	1970	4/26/70	10.89	9,970
1941	11/23/40	17.03	44,800	1956	4/30/56	10.15	8,180	1971	12/15/70	5.99	2,880
1942	4/ 8/42	16.52	37,200	1957	4/ 3/57	10.75	9,020	1972	12/10/71	10.21	9,110
1943	12/27/42	14.24	20,000	1958	5/ 2/58	15.74	30,300	1973	4/19/73	13.05	14,900
1944	5/ 1/44	16.60	38,600	1959	2/14/59	10.40	9,450	1974	6/ 8/74	16.32	31,900
1945	3/30/45	19.84	120,000	1960	12/16/59	10.28	9,270	1975	2/ 1/75	13.00	17,800
1946	4/30/46	16.78	41,500	1961	5/ 6/61	12.28	13,000	1976	3/ 8/76	11.00	10,800
1947	4/30/47	12.62	13,500	1962	2/27/62	9.69	8,250	1977	3/ 3/77	12.63	16,300

07361020 Prairie Creek tributary near Kirby, Ark.

Location.--Lat 34°09'10", long 93°37'53", in SE 1/4 sec.11, T.7 S., R.25 W., on right bank 19 ft upstream from culvert on State Highway 27, 0.3 mile upstream from mouth, and 6.6 miles south of Kirby.

Drainage area.--0.16 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 21 ft³/s and by culvert measurements at 143 ft³/s, 182 ft³/s, and 306 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	10/16/62	3.57	41	1971	8/ 2/71	4.06	70	1979	11/17/78	3.75	52
1964	4/23/64	5.14	143	1972	12/ 9/71	3.08	16	1980	9/28/80	3.74	52
1965	3/29/65	3.15	20	1973	4/19/73	4.86	123	1981	6/ 5/81	3.80	54
1966	8/13/66	5.70	182	1974	6/ 8/74	7.27	303	1982	6/16/82	3.70	49
1967	5/ 1/67	3.56	41	1975	2/ 3/75	4.36	90	1983	5/15/83	6.21	215
1968	5/13/68	7.29	306	1976	6/24/76	3.75	52	1984	12/ 3/83	3.41	32
1969	1/29/69	5.05	137	1977	3/ 3/77	3.60	43				
1970	6/ 1/70	3.83	57	1978	11/ 2/77	3.53	40				

07361180 South Fork Ozan Creek near Ozan, Ark.

Location.--Lat 33°49'15", long 93°42'28", in SE 1/4 SW 1/4 sec.5, T.11 S., R.25 W., on right bank 39 ft upstream from bridge on State Highway 4, 0.4 mile upstream from Missouri Pacific Railroad Co. bridge, and 2.0 miles south of Ozan.

Drainage area.--17.7 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 1,600 ft³/s and by field estimate at 5,200 ft³/s and 8,360 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	4/28/63	17.06	1,980	1971	7/24/71	23.34	4,800	1979	3/ 3/79	23.10	4,640
1964	4/22/64	17.82	2,150	1972	1/ 2/72	19.51	2,800	1980	4/13/80	20.79	3,420
1965	5/10/65	17.78	2,150	1973	4/19/73	25.06	8,360	1981	12/ 9/80	19.29	2,700
1966	4/25/66	24.00	5,200	1974	11/23/73	24.60	7,200	1982	10/17/81	22.39	4,230
1967	4/26/67	24.33	5,400	1975	2/ 3/75	23.22	5,300	1983	12/ 3/82	23.73	5,000
1968	5/11/68	23.74	5,000	1976	5/ 6/76	24.20	6,400	1984	5/ 3/84	24.00	6,200
1969	1/29/69	23.24	4,700	1977	3/28/77	22.08	4,150				
1970	4/19/70	21.16	3,600	1978	8/30/78	17.78	2,150				

07361200 Ozan Creek near McCaskill, Ark.

Location.--Lat 33°52'55", long 93°35'59", in SE 1/4 NE 1/4 sec.18, T.10 S., R.24 W., on downstream side of bridge on State Highway 24, 1.7 miles upstream from Haley Branch, 3.5 miles southeast of McCaskill, and at mile 14.5.

Drainage area.--148 mi².

Gage.--Nonrecording prior to 1948; recording thereafter. Datum of gage is 281.07 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 18,000 ft³/s.

Remarks.--Gage-height records and results of miscellaneous discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1940	4/ 7/40	13.30	2,300	1956	2/18/56	14.17	3,500	1971	7/25/71	13.00	3,360
1941	4/23/41	14.50	5,300	1957	4/ 3/57	16.10	10,000	1972	12/ 9/71	12.13	2,530
1942	4/ 8/42	15.10	6,400	1958	5/ 1/58	16.95	14,000	1973	4/20/73	17.64	18,000
1943	3/12/43	16.70	13,000	1959	2/14/59	14.80	6,000	1974	6/ 4/74	15.41	8,950
1944	5/ 2/44	16.40	12,000	1960	1/14/60	15.05	7,000	1975	5/ 3/75	14.89	7,350
1945	3/30/45	19.90	30,000	1961	3/27/61	15.20	7,600	1976	3/ 8/76	14.72	6,880
1946	2/ 6/46	14.50	5,000	1962	2/23/62	15.30	8,450	1977	4/ 4/77	14.10	5,280
1947	5/13/47	17.96	19,000	1963	4/29/63	12.43	2,420	1978	1/17/78	12.62	2,940
1948	3/22/48	14.50	4,400	1964	4/23/64	15.87	10,400	1979	3/ 3/79	15.40	8,950
1949	1/25/49	16.40	12,000	1965	2/11/65	15.58	9,500	1980	12/24/79	12.50	2,170
1950	2/13/50	15.42	7,600	1966	5/ 1/66	17.34	17,700	1981	5/17/81	12.60	
1951	1/13/51	14.83	5,000	1967	4/26/67	15.69	9,890	1982	6/16/82	12.30	
1952	4/12/52	15.02	5,300	1968	5/11/68	17.93	18,900	1983	12/ 3/82	17.60	
1953	5/11/53	18.08	20,000		5/17/68	17.79	17,900	1984	5/ 3/84	15.90	
1954	5/ 2/54	13.88	2,800	1969	1/30/69	16.27	12,400				
1955	3/21/55	15.23	6,800	1970	4/26/70	13.87	4,780				

07361500 Antoine River at Antoine, Ark.

Location.--Lat 34°02'20", long 93°25'05", in NW 1/4 NW 1/4 sec.24, T.8 S., R.23 W., near right bank on downstream side of pier of bridge on State Highway 26 at Antoine, 1.6 miles downstream from Brushy Creek, 1.9 miles downstream from Suck Creek, and at mile 8.5.

Drainage area.--178 mi².

Gage.--Recording. Prior to October 22, 1954, at site 75 ft upstream at same datum. Datum of gage is 229.33 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 28,000 ft³/s.

Remarks.--Gage-height records prior to 1955 furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1905	5/ /05	29.70	40,000	1961	3/30/61	21.34	9,080	1973	4/19/73	26.84	27,400
1945	3/31/45	24.60	18,800	1962	2/27/62	19.03	6,360	1974	6/ 8/74	24.05	16,800
1951	1/13/51	20.00	8,100	1963	3/11/63	14.69	3,560	1975	2/ 1/75	22.43	12,200
1952	4/27/52	22.10	10,500	1964	4/23/64	23.05	13,500	1976	3/ 8/76	21.64	10,400
1953	5/11/53	23.60	15,300	1965	2/11/65	20.91	9,150	1977	3/ 3/77	23.19	14,100
1954	5/ 2/54	19.00	7,100	1966	8/21/66	24.02	16,600	1978	3/ 7/78	15.69	4,280
1955	3/21/55	23.52	14,900	1967	5/ 6/67	22.08	11,400	1979	11/16/78	24.28	15,300
1956	4/30/56	19.80	8,320	1968	5/14/68	27.60	28,400	1980	9/28/80	22.30	11,900
1957	4/ 3/57	24.00	16,600	1969	1/30/69	25.20	21,000	1981	7/29/81	22.41	12,400
1958	5/ 2/58	28.75	35,500	1970	3/ 3/70	21.51	10,600	1982	4/16/82	22.95	14,700
1959	2/14/59	21.75	10,100	1971	7/28/71	16.66	4,960	1983	12/ 3/82	28.43	26,900
1960	12/16/59	21.03	8,580	1972	12/ 9/71	18.54	6,390	1984	5/ 2/84	22.96	13,800

07361600 Little Missouri River near Boughton, Ark.

Location.--Lat 33°52'32", long 93°18'16", in NE 1/4 sec.13, T.10 S., R.22 W., on downstream side of bridge on U.S. Highway 67, 1.5 miles northeast of Boughton, 5.9 miles downstream from Howard Creek, 10.2 miles downstream from Antoine River, and at mile 46.8.

Drainage area.--1,068 mi².

Gage.--Nonrecording prior to March 19, 1947; recording thereafter. Datum of gage is 182.13 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 62,000 ft³/s.

Bankfull stage.--20 ft.

Remarks.--Records furnished by Corps of Engineers. Peak discharge regulated to some extent since November 1949 by Lake Greason (capacity, 407,900 acre-ft, drainage area, 237 mi²). Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1938	2/19/38	23.55	57,000	1954	5/ 3/54	18.50	11,000	1970	3/ 4/70	19.80	17,400
1939	4/18/39	21.28	22,600	1955	3/22/55	21.58	28,000	1971	7/25/71	11.58	5,080
1940	5/ 2/40	17.05	7,350	1956	5/ 3/56	19.72	14,700	1972	12/11/71	16.62	10,800
1941	4/25/41	20.50	17,400	1957	4/ 4/57	21.58	29,100	1973	4/20/73	22.79	45,000
1942	4/ 9/42	23.35	54,000	1958	5/ 3/58	24.22	66,000	1974	6/ 9/74	22.60	45,500
1943	3/14/43	21.40	25,000	1959	2/16/59	20.90	24,100	1975	2/ 3/75	21.16	33,000
1944	5/ 2/44	23.40	54,000	1960	12/18/59	21.36	27,600	1976	3/10/76	20.64	29,400
1945	3/31/45	27.20	111,000	1961	4/ 1/61	20.92	24,100	1977	3/ 4/77	20.03	26,500
1946	2/ 7/46	21.80	30,000	1962	2/28/62	20.92	24,100	1978	1/26/78	15.34	9,630
1947	5/14/47	22.06	37,300	1963	3/17/63	15.82	8,080	1979	5/ 5/79	21.30	31,700
1948	3/ 4/48	20.71	20,700	1964	4/24/64	22.35	39,000	1980	9/30/80	18.70	11,800
1949	1/26/49	23.90	62,000	1965	2/12/65	20.69	22,800	1981	6/ 7/81	20.60	25,400
1950	2/13/50	22.18	36,500	1966	5/ 2/66	21.95	33,300	1982	2/ 2/82	17.20	12,900
1951	1/15/51	21.40	25,600	1967	5/ 7/67	20.78	23,400	1983	12/ 4/82	24.76	92,100
1952	4/24/52	21.28	24,700	1968	5/15/68	23.29	52,500	1984	5/ 4/84	21.70	
1953	5/12/53	23.35	54,000	1969	1/31/69	22.80	43,000				

07361680 Middle Caney Creek tributary near Rosston, Ark.

Location.--Lat 33°36'19", long 93°17'31", in SW 1/4 SE 1/4 sec.17, T.13 S., R.21 W., on right bank 20 ft upstream from culvert on State Highway 19, 1.0 mile north of junction with State Highway 4, and 1.3 miles northwest of Rosston.

Drainage area.--1.48 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 67 ft³/s and by culvert measurements at 309 ft³/s, 680 ft³/s, and 1,270 ft³/s.

Remarks.--Only annual peaks are shown. Prior to 1965 published as Little Caney Creek near Rosston.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/26/61	8.98	232	1969	1/29/69	9.03	240	1977	3/28/77	8.59	165
1962	10/ 1/61	13.70	1270	1970	4/19/70	8.77	208	1978	1/13/78	7.09	52
1963	7/ 8/63	6.99	48	1971	7/24/71	9.51	315	1979	4/23/79	10.74	545
1964	4/22/64	7.76	98	1972	1/ 2/72	6.87	14	1980	3/24/80	9.31	265
1965	2/11/65	8.01	122	1973	3/15/73	8.16	115	1981	5/17/81	9.46	300
1966	4/30/66	10.94	680	1974	8/31/74	11.97	840	1982	10/17/81	9.60	325
1967	12/27/66	8.64	190	1975	6/ 9/75	9.72	350	1983	12/ 3/82	10.68	535
1968	5/17/68	8.51	175	1976	6/25/76	8.93	225				

07361780 Bradshaw Creek near Hollywood, Ark.

Location.--Lat 34°06'02", long 93°12'24", in NE 1/4 SE 1/4 sec.26, T.7 S., R.21 W., on left bank 25 ft downstream from bridge on State Highway 26, 0.7 mile upstream from small tributary, and 2.6 miles east of Hollywood.

Drainage area.--3.36 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown. Prior to 1971 published as Old Bradshaw Creek near Hollywood.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	1/22/62	14.34	815	1969	1/30/69	11.03	435	1976	6/15/76	9.92	320
1963	4/28/63	10.28	360	1970	3/ 3/70	9.60	290	1977	3/28/77	10.19	360
1964	3/ 4/64	12.94	650	1971	7/24/71	8.56	200	1978	11/ 2/77	9.55	308
1965	2/11/65	11.12	455	1972	12/10/71	9.31	285	1979	4/23/79	15.55	965
1966	4/30/66	12.88	640	1973	4/19/73	16.28	1,060	1980	4/13/80	11.38	470
1967	4/25/67	10.51	385	1974	6/ 8/74	16.86	1,140	1981	7/ 1/81	8.92	257
1968	5/13/68	15.15	915	1975	5/ 3/75	11.37	470				

07361800 Terre Noire Creek east of Gurdon, Ark.

Location.--Lat 33°54'50", long 93°02'11", in SW 1/4 sec.27, T.9 S., R.19 W., on downstream side of highway bridge, 6 3/4 miles east of Gurdon, and at mile 13.6.

Drainage area.--250 mi².

Gage.--Nonrecording prior to November 3, 1949; recording thereafter. Prior to January 1, 1947, at datum 5 ft higher. Datum of present gage is 133.65 ft above sea level (levels by Corps of Engineers). All gage heights adjusted to present datum.

Stage-discharge relation.--Not adequately defined.

Bankfull stage.--16 ft.

Remarks.--Records furnished by Corps of Engineers. Only annual peak stages are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1940	4/29/40	17.20	6,800	1955	3/21/55	19.30	16,200	1970	3/ 4/70	19.28	16,200
1941	5/ 6/41	18.50	11,400	1956	2/ 9/56	18.08	9,000	1971	7/25/71	18.70	12,600
1942	4/ 9/42	21.90	33,500	1957	4/ 4/57	21.24	29,000	1972	12/10/71	19.00	14,400
1943	5/13/43	18.90	13,800	1958	5/ 3/58	22.85	40,000	1973	4/20/73	22.87	14,400
1944	5/ 2/44	20.50	24,000	1959	2/15/59	19.00	14,400	1974	12/ 5/73	19.60	16,300
1945	6/ 2/45	22.80	39,600	1960	12/17/59	19.32	16,300	1975	5/ 4/75	19.81	19,400
1946	1/ 9/46	19.20	15,600	1961	3/31/61	19.02	14,400	1976	3/ 9/76	20.43	23,400
1947	5/13/47	19.10	16,300	1962	2/27/62	19.43	17,000	1977	3/ 4/77	19.66	18,500
1948	3/22/48	18.00	8,500	1963	4/29/63	18.61	12,100	1978	3/14/78	19.40	16,800
1949	6/14/49	18.07	8,900	1964	4/24/64	19.48	17,400	1979	1/ 1/79	20.40	23,100
1950	2/13/50	19.54	17,800	1965	2/12/65	19.41	17,000	1980	12/13/79	19.60	18,000
1951	1/14/51	19.25	15,900	1966	5/ 1/66	21.31	29,400	1981	12/10/80	21.60	
1952	4/13/52	18.76	13,000	1967	4/26/67	19.54	17,800	1982	4/17/82	20.10	
1953	5/12/53	20.06	21,000	1968	5/14/68	22.42	37,000	1983	12/ 4/82	20.30	
1954	5/ 2/54	17.94	8,200	1969	1/31/69	20.10	21,300	1984	5/ 3/84	20.00	

07362000 Ouachita River at Camden, Ark.

Location.--Lat 33°35'47", long 92°49'05", in SE 1/4 sec.14, T.13 S., R.17 W., at bridge on U.S. Highway 79 at Camden, 3.4 miles downstream from Ecote Fabre Bayou, 6.2 miles upstream from Two Bayou Creek, and at mile 354.1.

Drainage area.--5,357 mi².

Gage.--Nonrecording prior to October 28, 1947; recording thereafter. Datum of gage is 71.69 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements below 230,000 ft³/s.

Bankfull stage.--30 ft.

Remarks.--Records furnished by Corps of Engineers except for the period August 1928 to September 1929. Slight regulation by Lake Catherine since 1925, by Lake Hamilton since 1932, and by Lake Greeson since November 1949. Some regulation by Lake Ouachita since 1952. See remarks for Ouachita River near Malvern. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1882	5/12/82	46.00		1921	4/30/21	38.80		1954	5/ 6/54	28.78	32,900
1887	11/27/86	26.80		1922	4/ 3/22	37.00		1955	3/25/55	34.51a	58,200
1888	12/13/87	35.70		1923	5/19/23	40.10		1956	2/21/56	29.28a	32,000
1889	1/21/89	37.70		1924	3/24/24	26.50		1957	5/ 1/57	38.92	98,900
1890	4/ 7/90	38.50		1926	11/11/25	29.70		1958	5/ 5/58	43.87	181,000
1891	2/ 5/91	35.60		1927	4/24/27	41.80		1959	2/19/59	33.15	51,600
1893	12/17/92	38.00		1928	4/11/28	30.40		1960	12/22/59	32.19	47,900
1894	3/23/94	43.25		1929	12/22/28	35.41	62,400	1961	4/ 4/61	36.10	65,700
1895	3/18/95	30.70		1930	5/21/30	40.84	138,000	1962	3/ 3/62	35.32	60,700
1896	2/ 6/96	34.00		1931	10/10/30	24.91	14,500	1963	3/20/63	23.13	18,800
1897	3/23/97	38.75		1932	1/ 9/32	38.42	102,000	1964	4/27/64	38.05a	99,500
1898	1/25/98	33.70		1933	1/ 5/33	32.46	36,700	1965	2/14/65	34.92a	72,800
1899	1/18/99	39.10		1934	3/31/34	33.32	38,800	1966	4/29/66	39.29a	109,000
1900	3/ 4/ 0	26.20		1935	5/ 9/35	39.33	126,000	1967	5/10/67	33.91a	60,700
1901	4/23/ 1	33.90		1936	12/13/35	25.20	22,700	1968	5/17/68	43.08	183,000
1903	2/20/ 3	39.60		1937	1/25/37	41.71	151,000	1969	2/ 3/69	39.15	141,000
1904	6/12/ 4	33.60		1938	2/22/38	41.10	158,000	1970	3/ 8/70	33.05	39,600
1905	7/ 1/ 5	42.00		1939	4/21/39	37.71	102,000	1971	8/ 9/71	18.69	13,200
1906	1/27/ 6	35.20		1940	7/ 4/40	28.66a	24,400	1972	12/12/71	23.79	22,200
1907	1/ 6/ 7	42.90		1941	5/11/41	31.78	37,500	1973	4/23/73	38.50	119,000
1908	5/19/ 8	36.10		1942	4/12/42	40.17	124,000	1974	6/12/74	39.59	138,000
1909	3/13/ 9	31.00		1943	3/17/43	30.14	39,000	1975	2/ 7/75	34.85	52,000
1910	4/17/10	33.10		1944	5/ 5/44	39.10	144,000	1976	3/13/76	32.15	39,600
1911	4/22/11	38.20		1945	4/ 3/45	44.82	243,000	1977	4/ 2/77	30.89	36,600
1912	4/ 5/12	39.40		1946	5/29/46	37.46a	89,900	1978	1/28/78	26.24	26,000
1913	4/14/13	37.10		1947	11/13/46	29.71a	33,500	1979	5/ 7/79	35.39	69,400
1914	4/14/14	36.90		1948	3/ 6/48	35.41	57,000	1980	4/17/80	30.74	37,100
1915	8/25/15	36.50		1949	1/30/49	44.15	185,000	1981	6/10/81	30.81a	37,200
1916	2/ 1/16	39.00		1950	2/17/50	39.63	110,000	1982	4/ 6/82	25.63	24,100
1917	3/ 8/17	31.70		1951	1/20/51	34.40	53,400	1983	12/ 7/82	38.06	95,700
1918	4/23/18	35.50		1952	4/18/52	35.45	58,400	1984	5/ 7/84	35.43a	64,600
1920	5/20/20	38.60		1953	5/16/53	38.82a	126,000				

07362050 Ross Creek near Camden, Ark.

Location.--Lat 33°32'38", long 92°53'18", in SE 1/2 NE 1/4 sec.6 T.14 S., R.17 W., on right bank 44 ft upstream from bridge on U.S. Highway 79, 1.7 miles upstream from mouth, and 4.2 miles southwest of Camden.

Drainage area.--10.3 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 410 ft³/s and by contracted-opening measurement at 3,200 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	7/16/61	10.35	730	1968	5/17/68	9.96	570	1975	5/ 3/75	10.50	700
1962	11/22/61	11.00	1,040	1969	3/24/69	9.42	400	1976	3/ 8/76	9.60	450
1963	4/28/63	6.50	70	1970	3/ 3/70	9.83	510	1977	3/28/77	7.46	125
1964	4/22/64	8.68	186	1971	7/24/71	9.31	370	1978	5/13/78	6.53	74
1965	2/11/65	10.44	780	1972	1/ 2/72	7.17	100	1979	4/23/79	10.26	615
1966	4/30/66	14.00	3,200	1973	4/19/73	10.76	785	1980	4/13/80	9.16	330
1967	9/15/67	6.53	71	1974	12/ 4/73	11.90	1,330	1981	5/17/81	8.53	210

07362100 Smackover Creek near Smackover, Ark.

Location.--Lat 33°22'33", long 92°46'37", in NW 1/4 SE 1/4 sec.32, T.15 S., R.16 W., on downstream side of bridge on State Highway 7, 0.1 mile downstream from Camp Creek, 3.3 miles northwest of Smackover, and at mile 22.0.

Drainage area.--385 mi².

Gage.--Nonrecording prior to August 27, 1948; recording thereafter. Datum of gage is 97.56 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 31,000 ft³/s. Measurements made occasionally prior to 1962, frequently thereafter.

Bankfull stage.--10 ft.

Remarks.--Gage-height records and miscellaneous discharge measurements furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	2/ 4/39	18.70	12,200	1955	3/24/55	13.10	2,200	1971	7/25/71	15.10	4,080
1940	7/ 3/40	17.80	9,400	1956	2/ 9/56	13.00	2,100	1972	1/ 7/72	13.23	2,010
1941	5/ 7/41	15.50	4,700	1957	4/29/57	19.60	16,000	1973	12/11/72	17.95	9,100
1942	4/27/42	18.70	12,200	1958	4/27/58	21.21	25,000	1974	6/ 8/74	24.97	52,700
1943	3/28/43	14.50	3,500	1959	6/ 9/59	14.90	3,810	1975	2/ 3/75	18.25	10,800
1944	5/ 3/44	18.20	10,00	1960	3/ 5/60	14.09	2,930	1976	3/10/76	16.75	7,000
1945	4/ 3/45	19.80	16,500	1961	7/17/61	18.65	11,300	1977	3/30/77	12.55	1,760
1946	1/10/46	15.80	5,100	1962	11/24/61	16.78	8,060	1978	5/ 8/78	14.84	4,610
1947	4/13/47	15.20	4,200	1963	5/ 1/63	9.69	722	1979	4/24/79	17.70	10,000
1948	3/24/48	16.20	5,800	1964	4/26/64	15.94	5,010	1980	4/15/80	15.39	4,930
1949	1/28/49	16.80	7,000	1965	2/13/65	18.25	10,300	1981	5/19/81	14.59	3,720
1950	1/14/50	19.30	14,500	1966	5/ 2/66	20.93	21,400	1982	6/18/82	14.91	3,880
1951	2/ 9/51	13.20	2,300	1967	6/ 2/67	12.12	1,450	1983	12/28/82	19.08	13,500
1952	4/14/52	14.90	3,900	1968	5/19/68	17.30	7,250	1984	3/18/84	13.63	3,010
1953	5/ 1/53	17.00	7,400	1969	3/20/69	15.41	4,540				
1954	5/ 5/54	12.20	1,600	1970	5/ 2/70	16.11	5,600				

07362330 Dunn Creek near Hampton, Ark.

Location.--Lat 33°32'05", long 92°30'55", in SE 1/4 NW 1/4 sec.2, T.14 S., R.14 W., on left bank 35 ft downstream from bridge on State Highway 4, 0.7 mile upstream from mouth, and 2.8 miles west of Hampton.

Drainage area.--13.6 mi², approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 270 ft³/s and by contracted-opening measurement at 4,240 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	11/22/61	7.25	680	1970	5/ 1/70	7.82	1,000	1978	5/ 7/78	6.22	320
1963	4/28/63	5.63	240	1971	7/24/71	8.83	1,900	1979	1/20/79	8.57	1,600
1964	4/22/64	5.93	285	1972	1/ 2/72	4.93	150	1980	4/13/80	6.80	500
1965	2/10/65	7.40	760	1973	4/24/73	9.88	3,650	1981	5/17/81	7.86	1,020
1966	5/ 1/66	10.11	4,240	1974	6/ 8/74	9.27	2,500	1982	10/17/81	5.75	255
1967	4/26/67	5.07	165	1975	5/ 3/75	7.99	1,120	1983	12/ 3/82	9.59	2,950
1968	5/17/68	8.51	1,520	1976	3/ 8/76	7.28	700				
1969	3/24/69	7.03	590	1977	1/14/77	6.54	430				

07362450 Cooks Creek near Fordyce, Ark.

Location.--Lat 33°50'33", long 92°28'09", in NW 1/4 NE 1/4 sec.19, T.10 S., R.14 W., on left bank 16 ft downstream from bridge on State Highway 8, 0.3 mile downstream from small tributary, 1.0 mile upstream from small tributary, 1.0 mile upstream from small tributary, and 3.9 miles northwest of Fordyce.

Drainage area.--5.02 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 130 ft³/s and by contracted-opening measurement at 1,950 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	1/26/62	9.31	510	1969	3/23/69	9.20	470	1976	3/ 8/76	7.52	155
1963	3/16/63	8.40	280	1970	3/ 3/70	10.95	1,200	1977	3/28/77	8.28	268
1964	4/21/64	9.73	610	1971	7/24/71	10.57	990	1978	5/ 8/78	8.40	290
1965	2/11/65	10.95	1,200	1972	1/ 2/72	6.94	103	1979	5/ 4/79	9.18	465
1966	4/24/66	11.09	1,340	1973	4/24/73	11.65	1,820	1980	4/13/80	9.08	440
1967	5/31/67	10.35	910	1974	12/ 3/73	11.93	2,120	1981	7/ 1/81	10.04	740
1968	5/13/68	11.78	1,950	1975	3/13/75	10.53	970				

07362500 Moro Creek near Fordyce, Ark.

Location.--Lat 33°47'32", long 92°19'30", in NW 1/4 NW 1/4 sec.3, T.11 S., R.12 W., on downstream side of bridge on State Highway 8, 1,100 ft upstream from Caney Creek, 4 miles southeast of Fordyce, 12 miles upstream from White Water Creek, and at mile 38.2.

Drainage area.--240 mi².

Gage.--Crest-stage gage. Recording prior to September 30, 1983. Datum of gage is 160.63 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 19,000 ft³/s.

Bankfull stage.--11 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1938	1/ /38	15.10	15,800	1963	7/18/63	13.56	7,870	1975	5/ 5/75	13.08	6,160
1952	4/15/52	11.88	3,290	1964	4/27/64	12.26	4,070	1976	3/10/76	12.74	5,210
1953	5/14/53	12.55	5,340	1965	2/13/65	12.73	5,160	1977	4/ 4/77	11.58	3,130
1954	5/ 4/54	10.94	1,760	1966	5/ 1/66	13.56	7,870	1978	1/31/78	8.45	532
1955	3/23/55	12.27	4,360	1967	5/ 9/67	11.78	2,710	1979	5/ 6/79	13.22	6,640
1956	2/22/56	10.22	1,060	1968	5/15/68	13.82	9,000	1980	4/15/80	12.46	4,350
1957	4/ 5/57	14.35	11,100	1969	2/ 2/69	13.03	6,010	1981	6/ 6/81	12.58	4,060
1958	5/ 2/58	16.47	26,800	1970	3/ 5/70	12.70	5,250	1982	4/22/82	12.05	3,220
1959	2/17/59	11.76	2,710	1971	8/10/71	10.62	1,230	1983	12/28/82	15.95	18,200
1960	3/18/60	11.02	1,650	1972	1/ 8/72	9.13	632	1984	5/ 4/84	14.55	12,500
1961	2/22/61	11.53	2,350	1973	4/24/73	13.18	7,590				
1962	2/25/62	12.65	4,870	1974	6/ 9/74	14.30	11,200				

07363000 Saline River at Benton, Ark.

Location.--Lat 34°34'05", long 92°36'40", in SE 1/4 NE 1/4 sec.9, T.2 S., R.15 W., on left bank 3/4 mile west of Benton, 3 miles downstream from confluence of North Fork and Alum Fork, and at mile 198.1.

Drainage area.--550 mi².

Gage.--Nonrecording July 6, 1938, to July 29, 1948, and February 14, to March 24, 1950 and after September 30, 1979; recording during rest of period. Prior to June 15, 1951, at site 0.4 mile downstream at datum 3.00 ft lower. Datum of present gage is 260.91 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--20 ft.

Historical data.--Flood in April 1927 reached a stage of 32.0 ft at former site and datum, from information by Arkansas State Highway Department, or about 30.5 ft present site and datum.

Remarks.--Peaks prior to 1948 computed from graph based on once-daily or more frequent gage readings of U.S. Weather Bureau and will not necessarily agree with maximum in their publications. Gage-height records for 1948-51 furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/ 1/27	30.50	110,000	1953	12/ 4/52	25.28	49,500	1969	1/30/69	29.68	100,000
1938	1/22/38		34,000	1954	5/ 2/54	24.49	48,000	1970	3/ 4/70	19.45	22,600
1939	4/17/39		67,000	1955	5/27/55	23.16	38,800	1971	10/27/70	23.74	42,100
1940	4/ 7/40		7,800	1956	1/30/56	22.36	33,200	1972	12/10/71	16.50	12,300
1941	5/ 9/41		7,800	1957	4/ 4/57	22.68	35,200	1973	3/10/73	23.57	43,000
1942	4/ 9/42		45,000	1958	5/ 3/58	21.40	28,400	1974	4/22/74	26.14	62,400
1943	3/12/43		17,300	1959	2/14/59	23.47	41,100	1975	3/29/75	21.32	29,300
1944	4/23/44		58,000	1960	5/21/60	20.22	22,000	1976	6/25/76	18.38	16,700
1945	3/30/45		59,000	1961	3/27/61	19.09	18,500	1977	3/ 4/77	21.03	27,800
1946	5/24/46		50,000	1962	2/27/62	21.40	27,400	1978	9/13/78	22.16	34,000
1947	4/11/47		8,800	1963	3/11/63	12.96	7,510	1979	3/ 3/79	22.15	34,700
1948	3/ 2/48		25,500	1964	3/10/64	22.50	33,200	1980	12/24/79	16.30	11,900
1949	1/25/49		32,000	1965	1/10/65	20.36	24,000	1981	5/17/81	15.87	11,200
1950	2/13/50		32,000	1966	4/26/66	23.52	38,500	1982	4/ 3/82	19.23	19,700
1951	2/21/51	22.60	21,500	1967	5/ 2/67	19.36	20,200	1983	12/ 4/82	26.37	64,700
1952	4/13/52	20.42	20,500	1968	5/14/68	26.50	66,000	1984	11/ 3/83	18.34	16,600

07363050 Holly Creek tributary near Benton, Ark.

Location.--Lat 34°32'04", long 92°33'12", in SW 1/4 NW 1/4 sec.19, T.2 S., R.14 W., on right bank 25 ft upstream from culvert on State Highway 35, 0.7 mile upstream from mouth, and 2.8 miles southeast of Benton.

Drainage area.--1.44 mi².

Gage.--Creat-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 460 ft³/s and indirect measurement at 2,760 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	1/22/62	5.64	255	1970	3/ 3/70	3.93	75	1978	9/13/78	11.80	2,760
1963	6/20/63	3.68	64	1971	8/ 3/71	4.19	90	1979	11/17/78	4.13	87
1964	4/23/64	6.51	475	1972	12/10/71	4.37	100	1980	5/13/80	3.84	72
1965	2/11/65	5.20	170	1973	4/22/73	7.00	667	1981	7/ 1/81	5.22	183
1966	4/25/66	5.46	215	1974	11/25/73	6.05	345	1982	4/ 3/82	5.10	165
1967	5/ 6/67	4.62	115	1975	2/ 3/75	4.57	112	1983	12/ 3/82	6.63	515
1968	5/13/68	5.93	315	1976	3/ 8/76	4.46	105	1984	12/ 3/83	5.02	150
1969	1/30/69	6.53	480	1977	3/ 3/77	4.44	105				

07363200 Saline River near Sheridan, Ark.

Location.--Lat 34°06'56", long 92°24'21", in NE 1/4 NW 1/4 sec.15, T.7 S., R.13 W., on downstream side of bridge on U.S. Highway 167, 1 mile upstream from Gamble Creek, 1.6 miles downstream from Lost Creek, 2.1 miles upstream from Hurricane Creek, 13 1/2 miles south of Sheridan, and at mile 131.4.

Drainage area.--1,123 mi².

Gage.--Nonrecording prior to November 23, 1948; recording thereafter. Datum of gage is 152.86 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 67,000 ft³/s (1969). Not adequately defined prior to 1948.

Bankfull stage.--14 ft.

Remarks.--Records furnished by Corps of Engineers. Only annual peaks are shown. Published as "Saline River and Gamble Creek near Sheridan" prior to 1966.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1938	1/24/38	21.00		1954	5/ 5/54	17.80	34,000	1970	3/ 7/70	17.00	22,000
1939	4/19/39	19.40		1955	3/24/55	16.90	23,000	1971	11/ 1/70	15.51	10,000
1940	4/13/40	13.20		1956	2/21/56	17.20	26,000	1972	12/14/71	16.05	13,300
1941	4/26/41	14.70		1957	4/ 6/57	18.30	40,000	1973	4/25/73	20.45	48,400
1942	4/11/42	19.30		1958	5/ 3/58	18.97	39,000	1974	6/10/74	21.36	59,600
1943	3/18/43	15.20		1959	2/17/59	18.95	38,000	1975	3/31/75	17.52	22,800
1944	5/ 5/44	17.60		1960	6/28/60	17.90	29,000	1976	3/12/76	15.73	9,740
1945	4/ 2/45	19.80		1961	4/ 1/61	17.51	26,000	1977	3/ 7/77	16.92	19,400
1946	3/30/46	18.80		1962	3/ 2/62	17.20	24,000	1978	5/11/78	16.05	12,800
1947	4/14/47	15.10		1963	3/17/63	14.78	7,200	1979	4/ 5/79	17.44	22,200
1948	3/ 5/48	16.40	18,500	1964	4/26/64	18.51	34,000	1980	3/20/80	15.91	11,000
1949	1/28/49	20.10	61,000	1965	2/15/65	16.98	22,000	1981	6/ 9/81	15.21	6,700
1950	2/15/50	19.70	56,000	1966	4/28/66	18.16	31,000	1982	4/ 7/82	16.57	15,700
1951	1/16/51	16.80	22,000	1967	5/ 6/67	16.27	17,000	1983	12/ 6/82	19.43	38,900
1952	4/16/52	16.80	22,000	1968	5/16/68	21.38	62,000	1984	5/ 5/84	18.08	27,000
1953	12/ 7/52	17.30	27,000	1969	2/ 1/69	22.40	71,000				

07363300 Hurricane Creek near Sheridan, Ark.

Location.--Lat 34°19'10", long 92°20'40", in NW 1/4 NE 1/4 sec.6, T.4 S., R.12 W., on downstream side of bridge on U.S. Highway 270, 2.8 miles downstream from Simpson Creek, 3.5 miles east of Sheridan, and at mile 16.9.

Drainage area.--204 mi².

Gage.--Recording. Datum of gage is 200.00 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 14,000 ft³/s and by contracted-opening measurement at 52,300 ft³/s.

Bankfull stage.--12 ft.

Historical data.--Flood in 1960 is greatest known since at least 1939. According to local resident this flood was highest known since at least 1880 at site 8 miles downstream.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1960	6/27/60	18.55	52,300	1969	1/31/69	15.34	9,240	1978	9/14/78	15.54	10,500
1961	4/31/61	15.42	12,600	1970	3/ 4/70	14.27	4,410	1979	5/ 4/79	15.53	12,700
1962	2/27/62	15.23	11,300	1971	8/ 7/71	12.15	890	1980	3/17/80	14.87	6,680
1963	4/29/63	12.70	1,390	1972	12/11/71	13.60	1,990	1981	6/ 6/81	14.15	4,010
1964	4/24/64	15.93	18,100	1973	4/20/73	15.57	12,400	1982	4/ 4/82	14.36	5,620
1965	2/12/65	15.04	9,750	1974	6/ 9/74	15.78	14,000	1983	5/15/83	15.81	14,300
1966	4/26/66	14.74	7,580	1975	1/11/75	15.33	9,070	1984	5/ 3/84	16.12	12,200
1967	5/ 7/67	14.52	5,450	1976	3/ 9/76	14.41	4,240				
1968	5/14/68	16.03	15,700	1977	3/ 5/77	13.46	1,810				

07363330 West Fork Big Creek at Sheridan, Ark.

Location.--Lat 34°19'13", long 92°23'43", in NW 1/4 NE 1/4 sec.3, T.5 S., R.13 W., on right bank 60 ft upstream from bridge on U.S. Highway 167, 0.3 mile upstream from mouth, and 0.9 mile north of junction of U.S. Highways 167 and 270 in Sheridan.

Drainage area.--4.86 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 680 ft³/s and by contracted-opening and flow-over-road measurement at 3,720 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1960	6/27/60	18.74	3,720	1968	5/13/68	14.22	730	1976	3/ 8/76	13.32	420
1961			240	1969	1/30/69	13.22	390	1977	3/ 3/77	12.10	185
1962			400	1970	3/ 3/70	12.94	310	1978	5/ 8/78	13.45	470
1963	4/27/63	12.85	305	1971	8/ 3/71	10.36	57	1979	4/ 3/79	15.57	1,100
1964	4/23/64	13.12	350	1972	1/28/72	10.20	50	1980	3/13/80	13.92	610
1965	2/11/65	14.22	730	1973	4/19/73	15.70	1,420	1981	7/ 1/81	12.34	220
1966	4/25/66	12.97	325	1974	11/24/73	14.75	950				
1967	5/ 6/67	13.79	565	1975	2/ 2/75	14.34	700				

07363430 East Fork Derriusseau Creek near Pine Bluff, Ark.

Location.--Lat 34°17'57", long 92°11'37", in NW 1/4 NW 1/4 sec.10, T.5 S., R.11 W., on right bank 14 ft upstream from culvert on U.S. Highway 270, 0.3 mile upstream from small tributary, 1/2 miles east of Grant-Jefferson County line, 3.8 miles upstream from mouth, and 12 miles northwest of Pine Bluff.

Drainage area.--0.66 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 78 ft³/s and by culvert measurements at 130 ft³/s, 142 ft³/s, 237 ft³/s, and 1,020 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/30/61	7.26	53	1968	5/13/68	7.95	92	1975	5/29/75	8.79	170
1962	2/27/62	9.29	237	1969	8/17/69	8.18	100	1976	3/ 8/76	6.91	40
1963	6/20/63	6.36	25	1970	3/ 3/70	7.91	90	1977	3/28/77	6.73	33
1964	4/26/64	9.14	210	1971	7/24/71	6.80	37	1978	8/30/78	8.90	186
1965	3/29/65	8.54	130	1972	4/28/72	6.74	35	1979	5/ 4/79	11.46	433
1966	8/21/66	8.73	142	1973	4/22/73	12.17	1,020	1980	4/13/80	8.64	156
1967	5/ 6/67	8.56	130	1974	12/24/73	8.92	190	1981	8/ 8/81	10.52	330

07363450 Varnell Creek near Rison, Ark.

Location.--Lat 33°56'12", long 92°10'31", in NW 1/4 NE 1/4 sec.18, T.9 S., R.10 W., on right bank 13 ft upstream from culvert on State Highway 35 and 1.8 miles southeast of Rison.

Drainage area.--0.28 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 2.9 ft³/s and by culvert measurements at 54 ft³/s, 61 ft³/s, 132 ft³/s, and 159 ft³/s.

Remarks.--Only annual peaks are shown. Prior to 1978 published as Saline River tributary near Rison.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1964	4/21/64	5.52	32	1971	8/ 3/71	4.88	9	1978	11/30/77	4.69	5
1965	2/11/65	6.03	54	1972	9/22/72	4.85	8	1979	5/ 4/79	6.24	64
1966	4/24/66	6.17	61	1973	4/19/73	7.09	108	1980	4/13/80	6.20	61
1967	5/ 6/67	4.96	10	1974	8/31/74	8.14	173	1981	7/ 1/81	7.78	150
1968	5/13/68	7.93	159	1975	3/13/75	6.34	68	1982	6/16/82	5.16	17
1969	3/23/69	5.57	33	1976	3/ 8/76	5.40	26	1983	12/28/82	8.71	214
1970	5/ 1/70	7.20	114	1977	4/ 3/77	6.01	53	1984	5/ 3/84	5.73	38

07363500 Salina River near Rye, Ark.

Location.--Lat 33°42'03", long 92°01'33", in SW 1/4 NW 1/4 sec.3, T.12 S., R.9 W., on downstream side of bridge on State Highway 15, 3.6 miles southwest of Rye, 5 miles upstream from Hudgin Creek, and at mile 710.0.

Drainage area.--2,102 mi².

Gage.--Nonrecording prior to May 30, 1939; recording thereafter. Datum of gage is 97.06 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--20 ft.

Historical data.--Flood in April 1927 is greatest known for the period 1927-38, from information by Arkansas State Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/ 1/27	30.50	73,000	1953	5/19/53	27.16	36,100	1969	2/ 5/69	29.20	53,800
1938	1/27/38	28.00	42,300	1954	5/11/54	23.30	14,600	1970	5/ 4/70	24.43	18,100
1939	4/23/39	26.50	31,400	1955	3/29/55	24.30	17,600	1971	7/25/71	15.15	4,220
1940	7/ 3/40	20.91	9,040	1956	2/24/56	25.10	21,300	1972	12/22/71	17.75	6,140
1941	4/28/41	21.60	9,050	1957	5/ 3/57	27.00	37,000	1973	4/25/73	29.31	53,800
1942	4/14/42	27.65	39,600	1958	5/ 3/58	30.31	70,500	1974	6/13/74	29.11	47,500
1943	3/16/43	22.29	10,100	1959	2/21/59	25.68	24,000	1975	4/ 5/75	25.04	20,900
1944	5/ 8/44	26.77	32,800	1960	7/ 4/60	23.23	14,800	1976	3/18/76	22.69	12,000
1945	5/ 5/45	28.43	47,600	1961	4/ 4/61	26.56	33,800	1977	4/ 7/77	23.42	14,100
1946	4/ 2/46	27.01	37,100	1962	3/ 5/62	25.85	28,000	1978	5/18/78	21.15	9,240
1947	6/26/47	21.94	10,700	1963	3/22/63	18.84	6,970	1979	5/10/79	25.51	22,300
1948	3/ 9/48	25.02	20,400	1964	4/29/64	27.59	42,200	1980	3/26/80	24.18	17,000
1949	1/31/49	29.19	57,400	1965	2/19/65	24.95	22,800	1981	6/ 9/81	23.07	13,000
1950	2/18/50	28.26	46,500	1966	5/ 2/66	29.00	50,800	1982	4/23/82	20.33	8,120
1951	1/21/51	25.10	21,000	1967	5/12/67	24.74	19,000	1983	12/31/82	27.51	41,000
1952	4/21/52	23.92	14,800	1968	5/18/68	31.40	74,500	1984	5/ 8/84	25.91	28,800

07364000 Saline River near Warren, Ark.

Location.--Lat 33°35', long 92°01', in sec.15, T.13 S., R.9 W., at bridge on State Highway 4, 3 miles downstream from Cypress Creek, 3 1/2 miles southeast of Warren, and at mile 58.0.

Drainage area.--2,476 mi².

Gage.--Nonrecording. Datum of gage is 86.02 ft above sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 60,000 ft³/s.

Bankfull stage.--22 ft.

Remarks.--Records since September 1929 furnished by Corps of Engineers. Only annual peaks are shown.

07364000 Saline River near Warren, Ark.—Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/27/27	28.00		1940	7/ 3/40	22.49	16,400	1980	4/20/80	26.40	19,500
1929	3/11/29	20.22	11,900	1975	4/ 6/75	26.22	19,200	1981	6/ 9/81	24.60	
1930	3/19/30	25.90	61,500	1976	3/11/76	23.58	14,900	1982	4/23/82	22.00	
1931	4/ 3/31	12.00	4,270	1977	4/ 8/77	24.70	16,700	1983	1/ 1/83	28.80	
1938	1/28/38	25.72	57,100	1978	5/19/78	21.60	11,900	1984	5/ 9/84	27.20	
1939	2/10/39	24.39	32,200	1979	5/11/79	26.90	20,400				

07364030 L'Aigle Creek tributary near Hermitage, Ark.

Location.—Lat 33°24'48", long 92°12'33", in SE 1/4 NW 1/4 sec.14, T.15 S., R.11 W., on right bank 20 ft upstream from culvert on State Highway 15, 2.5 miles upstream from mouth, and 3.3 miles southwest of Hermitage.

Drainage area.—0.36 mi².

Gage.—Crest-stage gage.

Stage-discharge relation.—Defined by current-meter measurements below 6 ft³/s and by culvert measurement at 59 ft³/s.

Remarks.—Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	4/28/63	3.50	3	1971	3/13/71	3.72	9	1979	4/23/79	5.52	113
1964	4/ 5/64	4.55	54	1972	1/ 2/72	3.99	20	1980	11/22/79	4.39	44
1965	2/11/65	4.07	24	1973	4/19/73	4.71	63	1981	6/ 6/81	4.47	48
1966	5/ 1/66	4.64	59	1974	4/21/74	4.62	57	1982	6/16/82	3.71	9
1967	5/ 4/67	3.54	4	1975	5/13/75	5.16	91	1983	12/28/82	5.09	87
1968	3/22/68	4.16	30	1976	3/ 8/76	4.28	37	1984	12/ 3/83	4.53	53
1969	10/13/68	4.38	42	1977	3/ 4/77	3.81	12				
1970	3/ 3/70	5.23	95	1978	7/27/78	4.63	58				

07364070 Bear Creek near Strong, Ark.

Location.—Lat 33°04'32", long 92°19'33", in NE 1/4 SE 1/4 sec.10, T.19 S., R.12 W., on right bank 20 ft downstream from bridge on State Highway 129, 2.2 miles upstream from mouth, and 2.9 miles southeast of Strong.

Drainage area.—5.62 mi².

Gage.—Crest-stage gage.

Stage-discharge relation.—Defined by current-meter measurements.

Remarks.—Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	7/15/63	12.12	275	1970	5/ 1/70	12.34	300	1977	3/ 3/77	9.72	87
1964	4/ 5/64	12.65	340	1971	4/22/71	10.55	130	1978	5/ 7/78	13.12	400
1965	3/29/65	13.27	430	1972	1/ 2/72	12.42	305	1979	1/20/79	13.68	480
1966	2/ 9/66	13.28	430	1973	3/15/73	14.08	540	1980	1/22/80	12.83	360
1967	5/31/67	11.50	200	1974	6/ 8/74	15.27	890	1981	5/12/81	13.39	447
1968	1/ 8/68	12.37	300	1975	5/ 3/75	13.56	465	1982	6/17/82	10.67	138
1969	6/ 2/69	11.08	170	1976	3/ 8/76	12.84	360	1983	12/27/82	15.35	950

07364110 Nevins Creek tributary near Pine Bluff, Ark.

Location.--Lat 34°10'08", long 92°05'12", in NW 1/4 SE 1/4 sec.26, T.6 S., R.10 W., on right bank 20 ft upstream from culvert on U.S. Highway 79, 0.9 mile upstream from tributary, 1.9 miles southwest of Watson Chapel, 2.1 miles upstream from mouth, and 6 miles southwest of Pine Bluff.

Drainage area.--0.75 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from November 1967 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 67 ft³/s and by culvert measurements below 600 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/30/61	5.47	122	1969	1/30/69	4.30	80	1977	3/ 4/77	4.32	83
1962	2/23/62	5.76	140	1970	3/ 3/70	5.78	173	1978	8/30/78	4.12	72
1963	4/28/63	4.35	84	1971	1/24/71	3.36	34	1979	5/ 4/79	8.67	408
1964	4/26/64	5.62	160	1972	1/28/72	3.47	39	1980	4/13/80	4.88	115
1965	3/29/65	5.35	142	1973	4/22/73	5.71	168	1981	8/18/81	7.56	309
1966	4/24/66	4.60	95	1974	6/ 8/74	6.58	232	1982	8/17/82	6.02	190
1967	5/ 6/67	4.98	119	1975	3/12/75	5.99	190	1983	5/15/83	10.40	590
1968	5/14/68	6.56	231	1976	3/ 8/76	3.99	64	1984	9/24/84	10.58	600

07364120 Bayou Bartholomew near Star City, Ark.

Location.--Lat 33°57'38", long 91°47'07", in SW 1/4 sec.1, T.9 S., R.7 W., on downstream side of bridge on State Highway 11, 3 1/2 miles northeast of Star City, 10.7 miles upstream from Deep Bayou, and at mile 285.7.

Drainage area.--215 mi².

Gage.--Nonrecording prior to July 13, 1948; recording thereafter. Datum of gage is 153.25 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--28 ft.

Remarks.--Gage-height records and results of discharge measurements furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1942	5/ 3/42	21.70	2,200	1957	2/ 8/57	21.48	2,140	1972	1/ 6/72	12.90	
1943	3/20/43	20.80	1,960	1958	5/ 2/58	26.29	4,000	1973	4/25/73	24.38	
1944	3/31/44	18.90	1,480	1959	2/19/59	17.02	1,010	1974	6/13/74	22.13	
1945	4/ 3/45	21.80	2,220	1960	3/18/60	17.02	1,010	1975	3/19/75	21.04	
1946	1/12/46	23.10	2,580	1961	4/ 4/61	21.11	2,130	1976	3/12/76	18.70	
1947	6/ 4/47	16.80	1,000	1962	12/20/61	21.15	2,160	1977	4/ 6/77	17.47	
1948	2/16/48	21.30	2,080	1963	5/ 8/63	14.60	536	1978	5/10/78	15.20	720
1949	1/30/49	18.80	1,460	1964	4/29/64	20.66	2,010	1979	1/23/79	20.40	1,920
1950	1/16/50	21.37	2,120	1965	2/14/65	18.78	1,440	1980	3/31/80	21.00	2,100
1951	1/21/51	18.66	1,440	1966	5/ 3/66	22.86	2,700	1981	10/ 3/80	15.40	
1952	2/ 4/52	17.87	1,240	1967	5/10/67	18.18	1,290	1982	4/22/82	19.10	
1953	5/18/53	23.97	2,860	1968	5/20/68	23.00	2,730	1983	1/ 2/83	22.30	
1954	1/23/54	15.35	740	1969	2/ 5/69	21.33	2,190	1984	5/ 9/84	21.80	
1955	3/27/55	19.11	1,520	1970	3/ 6/70	19.19	1,560				
1956	2/10/56	18.40	1,360	1971	8/14/71	13.70					

07364125 Cane Creek at Star City, Ark.

Location.--Lat 33°57'18", long 91°50'34", in SE 1/4 SE 1/4 sec.5, T.9 S., R.7 W., on left bank 25 ft downstream from bridge on State Highway 81, 0.9 mile north of junction of State Highways 11 and 81 in Star City, and 2.2 miles upstream from Dry Fork Creek.

Drainage area.--4.91 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 260 ft³/s and by contracted-opening measurements at 1,650 ft³/s and 2,890 ft³/s.

Remarks.--Only annual peaks are shown.

07364125 Cane Creek at Star City, Ark.--Continued

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	11/22/61	8.33	980	1970	3/ 3/70	9.21	1,600	1978	11/30/77	6.37	275
1963	8/30/63	6.96	420	1971	2/21/71	7.97	810	1979	4/23/79	9.71	1,600
1964	5/ 2/64	9.09	1,500	1972	6/14/72	3.20	48	1980	4/13/80	8.80	1,300
1965	3/29/65	7.86	760	1973	4/19/73	11.34	2,890	1981	6/ 6/81	9.06	1,480
1966	2/ 9/66	8.00	810	1974	6/ 8/74	9.03	1,180	1982	8/17/82	8.08	850
1967	7/29/67	8.27	960	1975	3/13/75	9.26	1,300	1983	12/28/82	8.29	975
1968	4/ 3/68	9.08	1,500	1976	3/ 8/76	7.79	740				
1969	10/13/68	8.04	820	1977	3/27/77	8.57	1,150				

07364150 Bayou Bartholomew near McGehee, Ark.

Location.--Lat 33°37'40", long 91°26'45", in NE 1/4 SW 1/4 sec.30, T.12 S., R.3 W., on downstream side of bridge on State Highway 4, 2.7 miles west of McGehee, 17.5 miles downstream from Ables Creek, and at mile 200.5.

Drainage area.--592 mi².

Gage.--Nonrecording prior to September 7, 1949; recording thereafter. Datum of gage is 121.48 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--20 ft.

Remarks.--Records prior to 1957 and gage-height records thereafter furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1930		19.40	4,300	1953	5/25/53	22.50	5,660	1969	2/12/69	17.26	3,250
1932		22.40	5,600	1954	2/ 1/54	12.00	1,530	1970	3/22/70	17.97	3,530
1939	2/28/39	19.40	4,550	1955	4/19/55	16.60	3,000	1971	8/11/71	9.79a	1,150
1940	7/15/40	11.10	1,480	1956	2/14/56	17.30	3,420	1972	1/11/72	11.33	1,250
1941	3/13/41	12.40	2,140	1957	2/14/57	16.79	3,070	1973	5/ 3/73	23.36	5,520
1942	5/10/42	15.50	3,120	1958	5/11/58	24.49	6,870	1974	1/20/74	20.15	4,010
1943	3/27/43	17.00	3,300	1959	2/22/59	14.76	2,360	1975	3/23/75	19.12a	3,690
1944	4/ 3/44	17.70	3,600	1960	3/20/60	14.59	2,290	1976	3/16/76	16.16a	2,630
1945	4/ 8/45	20.70	4,900	1961	2/28/61	19.29	4,090	1977	4/10/77	15.39	2,390
1946	1/20/46	21.30	5,280	1962	12/24/61	18.19	3,620	1978	2/ 2/78	14.60a	2,150
1947	6/ 5/47	13.70	2,280	1963	3/25/63	9.10	860	1979	1/29/79	20.06a	3,940
1948	2/22/48	19.00	4,300	1964	3/ 4/64	17.60	3,380	1980	4/ 3/80	20.73	4,470
1949	2/ 6/49	16.20	3,200	1965	2/20/65	15.51	2,700	1981	6/14/81	14.41a	1,980
1950	1/21/50	20.00	4,720	1966	5/12/66	17.01	3,230	1982	4/27/82	16.51a	2,620
1951	1/24/51	14.80	2,670	1967	5/17/67	13.37	2,060	1983	1/ 2/83	22.24	4,460
1952	2/ 9/52	14.80	2,670	1968	5/26/68	20.21	4,120	1984	12/14/83	18.80	3,500

07364165 Upper Cutoff Creek near Monticello, Ark.

Location.--Lat 33°44'20", long 91°44'51", in NW 1/4 SW 1/4 sec.20, T.11 S., R.6 W., on left bank 30 ft upstream from bridge on State Highway 83, 1/4 miles upstream from Rat Creek, 2.4 miles south of Coleman, and 8.0 miles north of Monticello.

Drainage area.--18.5 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 430 ft³/s and by contracted-opening measurements at 4,720 ft³/s (1970).

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	5/27/63	5.60	90	1970	3/ 3/70	11.30	4,720	1977	3/27/77	9.60	890
1964	4/26/64	10.10	1,150	1971	5/13/71	8.37	430	1978	5/ 7/78	8.36	430
1965	2/11/65	9.30	750	1972	1/ 2/72	7.74	300	1979	4/23/79	9.28	745
1966	2/ 9/66	9.85	1,010	1973	12/ 9/72	10.63	1,900	1980	11/23/79	10.01	1,100
1967	5/ 6/67	9.25	730	1974	6/ 8/74	11.20	3,700	1981	5/17/81	9.02	640
1968	5/17/68	10.03	1,100	1975	3/13/75	9.60	890	1982	1/31/82	10.18	1,260
1969	10/13/68	9.39	800	1976	3/ 8/76	9.58	880	1983	12/28/82	9.88	1,030

07364190 Bayou Bartholomew at Wilmot, Ark.

Location.--Lat 33°04'08", long 91°34'42", in SW 1/4 sec.1, T.19 S., R.5 W., on downstream side of bridge on State Highway 52, 0.9 mile northwest of Wilmot, 19.7 miles upstream from Overflow Creek, and at mile 98.7.

Drainage area.--1,170 mi².

Gage.--Nonrecording prior to November 28, 1949; recording thereafter. Prior to September 1943 at Smith's Ferry, 1 mile upstream at same datum. Datum of gage is 85.17 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements, made occasionally since 1939, below 8,000 ft³/s.

Bankfull stage.--25 ft.

Remarks.--Gage-height records and results of current-meter measurements furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1926	11/16/25	23.80	5,950	1946	2/14/46	25.30	6,640	1966	2/14/66	21.37	4,580
1927	5/10/27	25.90	6,920	1947	4/18/47	18.10	3,580	1967	6/ 6/67	15.27	2,500
1928	5/ 3/28	18.90	3,890	1948	3/11/48	23.90	6,000	1968	6/ 4/68	22.16	4,900
1929	3/14/29	17.30	3,290	1949	4/ 3/49	22.30	5,310	1969	2/22/69	20.12	4,100
1930	5/27/30	24.90	6,440	1950	4/ 2/50	25.00	6,500	1970	3/30/70	23.60	5,500
1931	3/16/31	8.60	990	1951	2/16/51	20.20	4,180	1971	5/23/71	13.10	
1932	1/12/32	26.30	7,100	1952	2/22/52	18.60	3,580	1972	1/13/72	18.00	
1933	4/ 8/33	20.40	4,480	1953	5/28/53	25.30	6,240	1973	3/26/73	26.10	
1934	3/13/34	18.00	3,550	1954	5/13/54	17.70	3,440	1974	1/31/74	25.90	
1935	1/31/35	24.80	6,400	1955	4/24/55	20.90	4,400	1975	2/ 9/75	24.00	
1936	7/17/36	8.80	1,020	1956	4/23/56	20.80	4,360	1976	3/18/76	19.60	
1937	2/ 2/37	24.80	6,400	1957	3/ 7/57	19.60	3,940	1977	4/15/77	17.10	
1938	1/ 8/38	19.60	4,160	1958	5/23/58	26.16	8,000	1978	5/17/78	21.40	4800
1939	3/ 5/39	24.00	6,040	1959	2/24/59	19.87	4,000	1979	4/23/79	24.20	6080
1940	7/17/40	18.90	3,890	1960	3/25/60	18.83	3,620	1980	4/18/80	24.50	5390
1941	3/17/41	18.10	3,580	1961	3/11/61	25.15	6,200	1981	6/23/81	12.70	
1942	4/19/42	20.00	4,330	1962	12/26/61	24.00	5,700	1982	5/ 7/82	15.40	
1943	4/ 4/43	19.70	4,200	1963	4/ 3/63	8.18	910	1983	1/ 3/83	27.20	
1944	4/ 9/44	24.70	6,360	1964	5/ 9/64	20.65	4,300	1984	12/29/83	21.90	
1945	4/ 8/45	25.20	6,590	1965	3/ 2/65	18.12	3,380				

07364200 Bayou Bartholomew near Jones, La.

Location.--Lat 32°59'25", long 91°39'20", in SE 1/4 SW 1/4 sec.9, T.23 N., R.8 E., on downstream side of bridge on Louisiana State Highway 834, 1 mile downstream from Arkansas-Louisiana State line, 1.6 miles northwest of Jones, and at mile 83.4.

Drainage area.--1,187 mi².

Gage.--Recording. Datum of gage is 79.21 ft above sea level, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--8 ft.

Remarks.--During extreme floods, considerable flow bypasses station. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1958	5/ 5/58	28.24a	6,100	1967	6/ 6/67	17.22	2,500	1976	3/21/76	20.78	4,450
1959	10/ 4/58	24.26	5,350	1968	4/14/68	23.19	4,490	1977	4/17/77	17.75a	2,910
1960	10/ 5/59	19.69	3,860	1969	3/22/69	21.00	4,200	1978	5/17/78	23.53a	4,240
1961	3/11/61	25.72	6,680	1970	3/29/70	24.00a	4,920	1979	4/22/79	25.73a	5,440
1962	12/27/61	24.85s	6,250	1971	5/24/71	13.49	1,810	1980	4/18/80	25.54	6,410
1963	4/ 6/63	8.86	885	1972	1/13/72	19.56	3,260	1981	7/ 2/81	13.06	1,860
1964	5/12/64	21.54a	4,240	1973	3/24/73	27.88a	6,260	1982	5/ 9/82	15.77	2,670
1965	3/ 2/65	19.06	3,270	1974	1/30/74	26.58a	6,550	1983	1/ 2/83	28.45	6,710
1966	2/23/66	22.23	4,360	1975	2/12/75	25.44	5,480	1984	12/26/83	22.90	4,820

07364260 Hanka Creek near Hamburg, Ark.

Location.--Lat 33°10'12", long 91°49'40", in NW 1/4 SE 1/4 sec.4, T.18 S., R.7 W., on left bank 35 ft downstream from bridge on State Highway 52 and 4.3 miles southwest of Hamburg.

Drainage area.--20.9 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 520 ft³/s and extended by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1962	12/16/61	9.34	710	1970	12/29/69	8.73	480	1978	5/ 7/78	10.44	1,280
1963	3/11/63	5.27	45	1971	3/13/71	6.65	110	1979	4/23/79	10.27	1,170
1964	4/24/64	8.97	530	1972	1/ 2/72	9.66	830	1980	4/13/80	9.68	840
1965	2/11/65	7.74	250	1973	4/18/73	10.61	1,400	1981	5/18/81	10.83	1,580
1966	2/10/66	10.46	1,300	1974	4/21/74	11.59	2,300	1982	8/ 1/82	8.00	300
1967	2/20/67	8.45	395	1975	2/ 1/75	10.48	1,310	1983	12/27/82	10.60	1,400
1968	1/ 9/68	9.37	700	1976	3/ 8/76	8.61	440				
1969	3/23/69	8.48	405	1977	4/ 4/77	8.30	365				

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

Location.--Lat 32°58'55", long 91°48'20", in SE 1/4 sec.13, T.23 N., R.6 E., on downstream side of bridge on Parish road, 1 1/2 miles downstream from Arkansas-Louisiana State line, and 6 miles northeast of Beekman.

Drainage area.--271 mi².

Gage.--Recording. Nonrecording prior to October 1, 1966, at datum 9.5 ft higher. Datum of gage is 76.08 ft above sea level. All gage heights adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 26,500 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1956	4/ 7/56	21.26	3,890	1964	4/28/64	20.47	2,550	1972	1/ 5/72	21.93a	4,520
1957	4/ 6/57	22.28	3,630	1965	4/ 1/65	19.80a	2,020	1973	3/17/73	23.89	11,600
1958	4/26/58	28.21	29,500	1966	2/11/66	24.28	10,000	1974	4/23/74	24.97a	14,700
1959	2/15/59	21.84	4,320	1967	6/ 2/67	21.83	4,590	1975	2/ 3/75	25.41	9,680
1960	3/ 4/60	18.99	1,400	1968	1/11/68	22.78	5,280	1976	6/ 2/76	21.83	4,590
1961	2/22/61	24.33a	11,200	1969	11/29/68	23.36a	6,160	1977	3/ 5/77	18.81	1,150
1962	12/12/61	23.66a	5,340	1970	5/ 3/70	21.95	2,820	1978	5/ 9/78	26.17	14,400
1963	4/30/63	16.80	480	1971	5/14/71	18.72	1,260	1979	4/24/79	24.45	7,780

07364500 Bayou Bartholomew near Beekman, La.

Location.--Lat 32°52'20", long 91°52'04", in SW 1/4 SW 1/4 sec.21, T.22 N., R.6 E., near center of span on downstream side of bridge on Louisiana State Highway 139, 0.8 mile downstream from Bayou De Glaize, 4 miles south of Beekman, and at mile 49.2.

Drainage area.--1,645 mi².

Gage.--Nonrecording prior to August 17, 1955; recording thereafter. Datum of gage is 70.60 ft above sea level, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements. Considerable shifting has occurred at high stages.

Remarks.--Records furnished by Corps of Engineers September 1929 to October 1938. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1927	4/ 1/27	26.75		1946	2/12/46	27.23	10,400	1964	4/29/64	19.41	5,900
1929	3/27/29	19.20	5,230	1947	4/13/47	20.80	6,700	1965	2/14/65	17.21	4,800
1930	5/21/30	23.64	9,130	1948	2/16/48	23.34	7,380	1966	2/13/66	21.47	6,980
1931	1/13/31	9.08	1,560	1949	3/29/49	23.35	7,800	1967	6/ 4/67	18.94	5,650
1932	1/12/32	25.76	12,400	1950	2/16/50	25.76	9,380	1968	4/16/68	22.28	7,420
1933	4/ 4/33	21.70	7,400	1951	2/11/51	20.50	6,560	1969	12/ 2/69	20.96	6,700
1934	3/ 6/34	21.40	7,200	1952	2/ 2/52	17.32	4,760	1970	5/ 5/70	21.80	7,140
1935	2/15/35	22.80	8,400	1953	5/20/53	25.09	8,540	1971	5/24/71	15.06	3,780
1936	2/11/36	7.40	1,260	1954	5/ 6/54	20.30	5,680	1972	1/11/72	18.46	5,430
1937	1/27/37	23.60	9,100	1955	3/24/55	22.48	7,510	1973	3/18/73	26.79	10,400
1938	4/11/38	19.20	5,820	1956	4/ 9/56	18.14	5,030	1974	1/28/74	25.21	9,150
1939	3/ 2/39	22.07	7,560	1957	4/ 7/57	21.08	6,480	1975	2/ 6/75	23.96	9,670
1940	7/16/40	23.83	8,570	1958	5/ 2/58	28.30	14,700	1976	3/13/76	18.84	5,620
1941	3/11/41	18.81	5,470	1959	2/18/59	20.65	6,300	1977	4/25/77	15.44	3,950
1942	4/12/42	21.29	6,860	1960	3/20/60	17.40	4,900	1978	5/15/78	24.73	8,840
1943	4/ 4/43	16.86	4,610	1961	4/ 2/61	25.20	9,100	1979	4/26/79	25.70	9,490
1944	3/31/44	25.33	8,780	1962	12/20/61	24.69	8,800	1980	4/16/80	23.67	8,200
1945	4/ 5/45	26.45	9,890	1963	3/18/63	7.43	1,230				

07364550 Caney Creek tributary near El Dorado, Ark.

Location.--Lat 33°11'22", long 92°36'28", in NE 1/4 NW 1/4 sec.1, T.18 S., R.15 W., on right bank 8 ft upstream from culvert on U.S. Highway 82, 0.8 mile upstream from mouth, and 3.5 miles southeast of El Dorado.

Drainage area.--0.13 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from August 1969 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements at 17 ft³/s and by culvert measurements at 45 ft³/s, 93 ft³/s, 140 ft³/s, and 978 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	7/16/61	9.43	140	1969	6/ 2/69	8.49	98	1977	7/10/77	7.30	50
1962	12/31/61	7.34	51	1970	9/23/70	6.69	28	1978	5/ 7/78	8.77	110
1963	4/28/63	7.29	50	1971	7/24/71	7.53	59	1979	1/20/79	8.25	88
1964	4/24/64	7.91	74	1972	6/14/72	8.68	106	1980	11/21/79	7.50	57
1965	2/ 9/65	7.25	48	1973	3/15/73	7.48	57	1981	5/17/81	8.81	112
1966	8/12/66	7.15	44	1974	6/ 8/74	12.40	978	1982	6/16/82	7.33	51
1967	10/17/66	6.85	34	1975	7/ 8/75	8.14	84	1983	12/27/82	8.08	81
1968	9/16/68	8.76	110	1976	6/16/76	7.43	55				

07364700 Bayou de Loutre near Laran, La.

Location.--Lat 32°57'20", long 92°30'00", in NW 1/4 sec.29, T.23 N., R.1 W. on downstream side of bridge on parish road, 1 1/2 miles southwest of Laran, 1 1/2 miles downstream from Lion Creek, and 3 miles upstream from bridge on Louisiana State Highway 550.

Drainage area.--141 mi².

Gage.--Recording. Datum of gage is 112.34 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--8.5 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1956	2/ 5/56	10.01	1,760	1964	4/27/64	9.44	1,630	1972	1/ 6/72	9.77	1,830
1957	4/30/57	11.10	2,2700	1965	4/ 1/65	9.84	1,880	1973	3/17/73	11.29	2,830
1958	4/27/58	20.29	22,600	1966	2/12/66	9.95	1,930	1974	6/ 9/74	20.43	23,900
1959	6/10/59	13.63	5,000	1967	5/ 8/67	8.80	1,250	1975	2/ 3/75	13.32	4,800
1960	3/ 5/60	9.67	1,800	1968	1/10/68	9.94	1,930	1976	3/10/76	10.75	2,460
1961	7/17/61	16.00	10,800	1969	2/ 4/69	11.31	2,850	1977	3/29/77	6.73	702
1962	5/ 3/62	9.98	1,980	1970	3/22/70	10.18	2,080				
1963	5/ 2/63	7.46	900	1971	8/ 6/71	8.30	1,040				

07365800 Cornie Bayou near Three Creeks, Ark.

Location.--Lat 33°02'21", long 92°56'15", in SW 1/4 NW 1/4 sec.36, T.19 S., R.18 W., at downstream side of bridge on State Highway 15, 4 1/2 miles downstream from Pigeon Roost Creek, and 6 miles southwest of town of Three Creeks.

Drainage area.--180 mi².

Gage.--Nonrecording prior to October 29, 1959; recording thereafter.

Stage-discharge relation.--Defined by current-meter measurements below 11,000 ft³/s and by contracted-opening measurement at 35,800 ft³/s.

Bankfull stage.--10 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1956	2/ 6/56	9.86	804	1966	5/ 1/66	11.71	7,660	1975	2/ 3/75	11.85	7,220
1957	4/28/57	12.00	6,440	1967	6/ 3/67	9.72	676	1976	3/ 9/76	12.31	8,620
1958	4/27/58	15.50	35,800	1968	5/19/68	11.00	4,050	1977	3/30/77	9.89	1,100
1959	2/17/59	10.30	1,880	1969	3/19/69	11.20	4,580	1978	5/ 8/78	10.92	3,530
1960	3/ 4/60	10.73	2,960	1970	5/ 2/70	11.15	4,390	1979	4/24/79	12.05	8,430
1961	7/17/61	11.61	6,560	1971	4/22/71	9.50	700	1980	1/23/80	11.29	4,920
1962	11/24/61	11.21	4,960	1972	1/ 5/72	10.09	1,290	1981	5/19/81	12.44	8,390
1963	7/15/63	10.50	2,220	1973	4/25/73	11.95	7,260	1982	6/18/82	10.76	1,420
1964	4/25/64	11.52	5,760	1974	6/ 8/74	17.50	65,000	1983	12/28/82	11.63	4,960
1965	4/13/65	11.37	5,160		4/23/74	13.23	16,100	1984	2/14/84	10.86	2,740

07365900 Three Creek near Three Creeks, Ark.

Location.--Lat 33°04'01", long 92°53'02", in NE 1/4 NW 1/4 sec.20, T.19 S., R.17 W., on downstream side of bridge on State Highway 15, 2 1/4 miles southwest of town of Three Creeks, and 2 1/4 miles upstream from small tributary.

Drainage area.--50.3 mi².

Gage.--Crest-stage gage. Recording prior to September 30, 1971. Datum of gage is 155.63 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements below 2,300 ft³/s and by contracted-opening measurement at 11,300 ft³/s.

Bankfull stage.--6 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1956	2/ 4/56	4.94	432	1964	4/25/64	6.18	2,500	1972	1/ 3/72	5.46	1,150
1957	4/27/57	5.82	1,450	1965	2/12/65	5.66	1,630	1973	4/25/73	6.20	2,680
1958	4/26/58	9.35	11,300	1966	5/ 1/66	5.78	1,740	1974	6/ 8/74	12.13	24,100
1959	2/16/59	5.14	785	1967	6/ 1/67	5.48	1,190	1975	2/ 1/75	6.41	3,140
1960	3/ 3/60	5.61	1,470	1968	9/16/68	5.73	1,690	1976	3/ 9/76	6.41	3,140
1961	7/16/61	7.12	4,750	1969	3/19/69	6.22	2,720	1977	3/ 5/77	4.98	466
1962	5/ 1/62	6.39	3,010	1970	3/ 4/70	6.49	3,320	1978	5/ 9/78	7.52	5,800
1963	7/15/63	6.18	2,800	1971	3/14/71	5.05	510				

07366000 Cornay Bayou near Lillie, La.

Location.--Lat 32°53'15", long 92°39'25", in NE 1/4 NE 1/4 sec.22, T.22 N., R.3 W., near left bank on downstream side of bridge on U.S. Highway 167, 2 miles upstream from Little Cornay Bayou, and 3 miles south of Lillie.

Drainage area.--462 mi².

Gage.--Nonrecording prior to August 4, 1932; recording August 4, 1932, to September 30, 1957; crest-stage gage thereafter. Datum of gage is 84.08 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements. Minor high-water shifts have occurred.

Bankfull stage.--15 ft.

Historical data.--The flood in April 1958 was highest for at least 100 years, according to local residents.

Remarks.--Some regulation by Cornay Lake (capacity, 8,000 acre-ft), about 6 miles upstream from station. Storage began in 1935. Published as "Cornie Bayou" prior to 1956.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1941	5/ 7/41	17.48	15,100	1955	3/25/55	14.36	3,540	1970	5/ 3/70	15.22	5,640
1942	4/11/42	16.48	10,300	1956	2/ 9/56	13.43	2,320	1971	5/ 7/71	12.31	1,410
1943	3/30/43	14.26	3,230	1957	4/30/57	17.06	11,500	1972	1/ 4/72	14.48	3,600
1944	3/31/44	16.78	11,000	1958	4/27/58	25.20	48,200	1973	3/17/73	16.23	9,290
1945	3/ 5/45	18.20	17,200	1959	6/ 9/59	14.85	4,500	1974	6/ 9/74	24.24	43,600
	4/ 3/45	18.00	16,200	1960	3/ 5/60	14.82	4,420	1975	2/ 3/75	17.80	15,500
1946	2/12/46	15.82	7,210	1961	7/19/61	15.59	6,920	1976	3/ 8/76	16.39	9,900
1947	4/14/47	15.39	6,020	1962	12/17/61	15.65	7,140	1977	3/28/77	11.66	1,130
1948	2/15/48	15.30	5,740	1963	7/18/63	14.80	4,360	1978	5/ 9/78	15.45	6,430
1949	1/31/49	14.85	4,440	1964	4/28/64	15.70	7,320	1979	5/ 4/79	16.38	9,860
1950	1/17/50	15.54	6,440	1965	2/11/65	15.29	5,890	1980	4/13/80	15.08	5,200
1951	2/11/51	13.75	2,520	1966	4/21/66	15.14	5,390	1981	5/20/81	15.86	7,900
1952	2/15/52	15.16	5,470	1967	0/ 0/67	11.50	1,080	1982	6/23/82	12.21	1,360
1953	5/16/53	16.28	8,890	1968	9/15/68	14.56	3,770	1983	12/28/82	16.07	8,700
1954	5/ 6/54	12.90	1,700	1969	5/29/69	15.40	6,260				

07366200 Little Cornay Bayou near Lillie, La.

Location.--Lat 32°55'40", long 92°37'55", in SE 1/4 NW 1/4 sec.1, T.22 N., R.3 W., on downstream side of bridge on Louisiana State Highway 15, 1.4 miles east of Lillie, and 2 1/2 miles upstream from mouth.

Drainage area.--208 mi².

Gage.--Recording. Datum of gage is 91.48 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--3 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1956	2/ 6/56	8.01	1,900	1966	5/ 3/66	7.41	1,500	1976	3/10/76	9.16	4,300
1957	4/29/57	9.19	4,660	1967	5/ 8/67	7.24	1,300	1977	2/13/77	6.25	490
1958	4/28/58	16.52	21,400	1968	1/10/68	7.94	2,210	1978	5/ 9/78	9.91	5,810
1959	6/ 9/59	8.94	3,910	1969	2/ 3/69	8.78	3,600	1979	1/21/79	10.75	5,800
1960	3/ 5/60	7.92	2,150	1970	3/ 5/70	9.16	4,300	1980	1/24/80	8.74	2,240
1961	7/17/61	10.66	7,490	1971	4/24/71	7.01	1,060	1981	5/20/81	11.21	6,900
1962	5/ 2/62	8.76	3,550	1972	1/ 5/72	8.33	2,820	1982	6/22/82	6.43	479
1963	7/18/63	6.79	852	1973	4/26/73	9.19	4,360	1983	12/28/82	10.72	6,370
1964	4/27/64	8.44	3,020	1974	6/ 9/74	17.54	24,000	1984	3/ 5/84	9.18	3,150
1965	4/ 1/65	7.71	1,880	1975	2/ 3/75	10.26	6,550				

07367658 Cypress Creek Canal No. 19 tributary near Dumas, Ark.

Location.--Lat 33°51'47", long 91°28'46", in SE 1/4 NW 1/4 sec.2, T.10 S., R.4 W., on left bank 22 ft upstream from culvert on U.S. Highway 65, 1.5 miles south of Dumas, and 1.6 miles upstream from mouth.

Drainage area.--0.94 mi².

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurement at 15 ft³/s and by culvert measurements at 149 ft³/s, 208 ft³/s, and 265 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1961	3/30/61	7.61	168	1969	11/28/68	9.62	265	1977	4/ 3/77	7.49	150
1962	5/30/62	8.82	185	1970	3/ 3/70	8.68	234	1978	7/ 8/78	6.62	93
1963	6/21/63	8.05	130	1971	1/24/71	8.95	246	1979	5/28/79	8.03	135
1964	5/ 2/64	9.08	208	1972	8/10/72	7.42	96	1980	9/28/80	7.14	127
1965	9/11/65	7.99	110	1973	4/24/73	9.81	288	1981	9/ 1/81	8.29	208
1966	2/ 9/66	8.59	220	1974	8/31/74	8.18	128	1982	4/19/82	7.91	178
1967	10/ 4/66	8.37	133	1975	6/ 9/75	7.35	92	1983	12/27/82	7.69	162
1968	2/ 2/68	8.19	140	1976	3/ 8/76	7.26	134	1984	6/29/84	7.46	100

07367661 Boeuf River near Lake Village, Ark.

Location.--Lat 33°18'35", long 91°21'56", in NW 1/4 sec.13, T.16 S., R.3 W., at bridge on U.S. Highway 82, 5 miles west of Lake Village.

Drainage area.--355 mi².

Gage.--Recording. Datum of gage is 94.24 ft above sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1946	6/ 1/46	15.70	1,790	1959	2/15/59	10.23	3,720	1972	1/ 4/72	15.53	6,440
1947	4/11/47	19.22	2,640	1960	3/ 3/60	9.89	3,480	1973	3/16/73	20.90	9,940
1948	2/12/48	22.80	3,580	1961	2/22/61	18.46	8,360	1974	1/11/74	16.84	7,240
1949	3/30/49	18.47	2,430	1962	12/18/61	13.20	3,440	1975	3/14/75	18.61	8,400
1950	3/13/50	21.60	3,260	1963	7/29/63	7.10	1,640	1976	3/10/76	13.70	5,300
1951	1/ 3/51	19.80	2,780	1964	4/27/64	15.21	6,240	1977	4/ 5/77	12.43	4,520
1952	1/28/52	16.96	2,040	1965	2/12/65	15.17	6,200	1978	5/ 8/78	17.06	7,400
1953	5/18/53	18.44	2,430	1966	2/13/66	18.48	7,600	1979	12/ 6/78	22.10	10,800
1954	5/ 3/54	17.18	2,100	1967	5/ 8/67	10.06	3,100	1980	11/24/79	15.40	5,900
1955	3/22/55	21.69	3,280	1968	5/18/68	15.77	6,560	1981	10/ 2/80	10.80	
1956	2/ 4/56	20.00	2,840	1969	2/ 3/69	14.80	6,000	1982	4/21/82	13.60	
1957	2/ 1/57	10.90	4,160	1970	12/31/69	16.02	6,720	1983	12/28/82	21.30	
1958	9/21/58	16.50	7,920	1971	5/13/71	15.30	6,280	1984	12/ 4/83	18.50	

07367680 Boeuf River near Eudora, Ark.

Location.--Lat 33°07'24", long 91°20'55", on line between secs.18 and 19, T.18 S., R.2 W., on downstream side of bridge on State Highway 8, 1.4 miles downstream from Canal No. 2, 5 miles west of Eudora, and at mile 205.7.

Drainage area.--640 mi². (See Remarks.)

Gage.--Nonrecording prior to May 3, 1951; recording thereafter. Datum of gage is 83.24 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--21 ft.

Remarks.--Gage-height records and current-meter measurements furnished by Corps of Engineers. Discharge computed from rating curves based on available measurements. Major channel improvements made during 1955. Interconnecting systems of bayous and drainage ditches produce an interchange of flow under varying conditions; hence, the drainage limits were arbitrarily determined. During extreme floods considerable flow bypasses station. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1939	3/31/39	17.70	5,060	1955	3/22/55	21.52	9,830	1971	5/13/71	17.59	11,500
1940	7/ 8/40	18.70	6,220	1956	2/ 4/56	15.24	9,030	1972	1/ 4/72	18.22	12,300
1941	3/ 9/41	16.80	4,080	1957	2/ 2/57	15.20	8,980	1973	3/16/73	21.00	16,700
1942	4/ 9/42	20.00	7,830	1958	9/22/58	19.69	14,600	1974	4/22/74	18.46	12,700

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1943	3/27/43	17.50	4,840	1959	2/14/59	14.18	8,200	1975	3/14/75	19.82	14,800
1944	3/29/44	21.00	9,110	1960	3/ 3/60	11.60	6,200	1976	1/ 3/76	14.26	8,200
1945	1/ 1/45	21.50	9,760	1961	2/22/61	20.15	18,200	1977	3/ 4/77	16.04	9,750
1946	2/10/46	20.50	8,470	1962	12/12/61	17.30	15,100	1978	5/ 8/78	18.76	11,700
1947	4/11/47	20.30	8,210	1963	3/13/63	6.34	2,600	1979	1/21/79	19.20	17,500
1948	2/13/48	20.90	8,980	1964	4/27/64	17.22	11,000	1980	3/21/80	18.70	11,400
1949	3/28/49	19.70	7,450	1965	2/12/65	18.03	12,100	1981	5/19/81	11.70	
1950	2/14/50	20.20	8,080	1966	2/10/66	19.70	14,600	1982	4/20/82	11.20	
1951	1/ 3/51	20.80	8,870	1967	2/20/67	13.40	7,600	1983	12/29/82	21.60	
1952	1/28/52	17.60	4,980	1968	1/10/68	17.42	11,300	1984	12/ 4/83	19.20	
1953	5/17/53	19.26	6,940	1969	12/ 1/68	16.90	6,300				
1954	5/ 3/54	20.03	7,870	1970	12/31/69	16.73	10,500				

07367700 Boeuf River near Arkansas-Louisiana State line

Location.--Lat 32°58'25", long 91°26'25", in NE 1/4 NE 1/4 sec.21, T.23 N., R.10 E., on downstream side of bridge on Louisiana State Highway 835, 2 miles downstream from Arkansas-Louisiana State line, and 8 miles west of Kilbourne, La., and at mile 190.1.

Drainage area.--785 mi². (See Remarks.)

Gage.--Nonrecording prior to December 31, 1957; recording thereafter. At site 300 ft upstream at same datum prior to October 21, 1961. Datum of gage is 74.11 ft above sea level, supplemental adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 14,000 ft³/s since 1958. Affected by slope.

Bankfull stage.--25 ft.

Remarks.--Gage-height records prior to 1958 furnished by Corps of Engineers. Interconnecting systems of bayous and ditches produce an interchange of flow under varying conditions; hence, the drainage limits were arbitrarily determined. During extreme floods, considerable flow bypasses station. Major chemical improvements made during 1954 and 1955. Only annual peaks are shown. Published as "Boeuf River near Kilbourne, La." in Water-Supply Paper 1681.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1947	4/13/47	24.70		1960	3/ 3/60	16.27	7,630	1973	3/17/73	25.41	
1948	2/14/48	24.80		1961	2/22/61	24.64a	16,200	1974	4/24/74	23.38	
1949	3/29/49	24.30		1962	12/18/61	22.89	12,300	1975	3/15/75	24.63	
1950	2/16/50	24.40		1963	3/12/63	9.21	3,180	1976	2/22/76	20.43	
1951	1/ 5/51	24.60		1964	4/28/64	22.37	14,000	1977	3/ 5/77	22.25	
1952	1/30/52	23.50		1965	2/12/65	23.19	15,100	1978	5/ 9/78	24.22	
1953	5/18/53	24.30		1966	2/11/66	24.60a	16,500	1979	1/22/79	24.23	
1954	5/ 4/54	24.70		1967	2/21/67	19.12	8,070	1980	4/15/80	23.18	
1955	3/23/55	24.00		1968	1/10/68	23.22a	12,300	1981	5/19/81	18.18	
1956	2/ 4/56	20.40		1969	12/ 2/68	23.27		1982	4/21/82	15.73	
1957	2/ 2/57	20.10		1970	12/31/69	22.02		1983	12/29/82	26.07	
1958	5/ 6/58	24.56	14,700	1971	5/14/71	22.91		1984	12/ 6/83	25.06	
1959	2/15/59	16.22	7,840	1972	1/ 5/72	23.50					

07367740 Camp Bayou near Parkdale, Ark.

Location.--Lat 33°06'55", long 91°31'31", in SW 1/4 SW 1/4 sec.21, T.18 S., R.4 W., on right bank 22 ft upstream from culvert on State Highway 8, 0.3 mile upstream from small tributary, and 1.3 miles east of Parkdale.

Drainage area.--1.86 mi².

Gage.--Crest-stage gage. Supplementary dual-digital recorders from November 1968 to November 1974.

Stage-discharge relation.--Defined by current-meter measurements below 114 ft³/s and by culvert measurements at 319 ft³/s and 368 ft³/s.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1963	5/27/63	7.13	115	1971	12/20/70	7.60	165	1979	4/10/79	8.78	250
1964	4/24/64	8.81	368	1972	12/10/71	8.00	192	1980	9/28/80	8.46	212
1965	12/10/64	7.99	215	1973	4/18/73	8.88	266	1981	5/18/81	8.58	244

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1966	2/ 9/66	8.90	319	1974	4/21/74	9.41	380	1982	1/ 3/82	6.25	44
1967	2/20/67	8.76	250	1975	3/13/75	9.18	351	1983	12/27/82	7.39	137
1968	4/ 8/68	8.11	177	1976	3/ 8/76	8.33	215	1984	12/ 3/83	8.58	260
1969	11/28/68	8.83	239	1977	3/ 4/77	8.25	210				
1970	8/ 7/70	8.43	210	1978	5/ 8/78	8.86	280				

07369680 Bayou Macon at Eudora, Ark.

Location.—Lat 33°06'09", long 91°15'08", on line between and near south edge of secs.25 and 30, T.18 S., R.12 E., on downstream side of bridge on U.S. Highway 65, 0.9 mile southeast of Eudora, and at mile 137.0.

Drainage area.—485 mi². (See Remarks.)

Gage.—Nonrecording prior to July 23, 1948; recording thereafter. Prior to July 17, 1952 at old U.S. Highway 65 bridge 0.2 mile upstream from end at same datum as present gage. Datum of gage is 80.92 ft above sea level, supplementary adjustment of 1941.

Stage-discharge relation.—Defined by current-meter measurements. Affected by fall and shifts.

Bankfull stage.—18 ft.

Remarks.—Gage-height records and discharge measurements furnished by Corps of Engineers. Discharge computed from curves based on discharge measurements. Large diversions upstream from station for irrigation. Major channel improvements made in 1964. Interconnecting systems of bayous and drainage ditches produce an interchange of flow under varying conditions; hence, the drainage limits were arbitrarily determined. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1932	12/ 0/31	26.20	3,570	1953	5/23/53	24.90	3,680	1969	12/ 2/68	21.40	3,900
1938	4/ 8/38	19.00	2,260	1954	5/ 4/54	19.00	2,260	1970	3/23/70	18.50	3,000
1939	2/28/39	20.40	2,600	1955	3/22/55	22.00	2,750	1971	5/14/71	21.52	3,940
1940	7/ 9/40	17.40	1,830	1956	2/21/56	21.40	2,620	1972	1/ 5/72	20.90	3,750
1941	3/ 9/41	14.60	1,360	1957	2/ 2/57	18.70	2,050	1973	3/20/73	25.85	5,630
1942	4/10/42	23.00	2,620	1958	5/22/58	27.43	5,100	1974	6/10/74	22.40	4,250
1943	3/27/43	19.30	1,850	1959	2/16/59	17.13	1,600	1975	2/ 5/75	22.80	4,400
1944	4/11/44	22.70	2,550	1960	3/ 3/60	16.06	1,400	1976	2/22/76	16.40	2,500
1945	4/11/45	24.10	2,910	1961	2/26/61	24.40	2,900	1977	3/ 4/77	18.09	2,900
1946	1/23/46	25.90	3,420	1962	12/18/61	23.50	2,600	1978	5/ 9/78	21.21	3,920
1947	4/12/47	23.60	3,130	1963	8/ 4/63	13.96	1,200	1979	4/12/79	21.10	3,880
1948	2/14/48	23.50	3,110	1964	5/ 3/64	17.96	2,300	1980	3/21/80	20.90	3,820
1949	2/ 5/49	22.40	2,790	1965	2/12/65	14.27	2,800	1981	9/ 8/81	12.90	
1950	3/30/50	24.90	3,300	1966	2/13/66	19.79	3,800	1982	4/23/82	14.50	
1951	1/ 4/51	21.00	2,530	1967	2/21/67	10.36	1,600	1983	12/31/82	24.80	
1952	1/29/52	18.00	1,930	1968	1/10/68	22.08	4,140	1984	12/ 4/83	22.60	

07369700 Bayou Macon near Kilbourne, La.

Location.—Lat 32°39'35", long 91°15'45", in SW 1/4 SE 1/4 sec.8 T.23 N., R.12 E., on downstream side of bridge on Louisiana State Highway 585, 3/4 mile south of Arkansas-Louisiana State line, and 3 miles east of Kilbourne.

Drainage area.—504 mi². (See Remarks.)

Gage.—Recording. Datum of gage is 75.41 ft above sea level (Corps of Engineers benchmarks). Prior to October 1, 1965, at datum 2.00 ft higher. All gage heights adjusted to present datum.

Stage-discharge relation.—Defined by current-meter measurements below 4,700 ft³/s. Affected by fall.

Remarks.—Large diversions upstream from station for irrigation. Interconnecting systems of bayous and drainage ditches produce an interchange of flow under varying conditions; hence, the drainage limits were arbitrarily determined. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)	Water year	Date	Gage height (feet)	Discharge (ft ³ /s)
1958	5/ 5/58	26.35	4,740	1967	2/21/67	11.93	1,310	1976	2/21/76	18.86	
1959	10/ 1/58	22.95	2,710	1968	1/10/68	24.52	3,870	1977	3/ 4/77	21.02	
1960	3/ 3/60	17.76	1,780	1969	12/ 2/68	24.13		1978	5/ 8/78	23.50	
1961	2/22/61	24.55	3,670	1970	4/27/70	20.68		1979	1/21/79	22.43	
1962	12/18/61	24.42	3,250	1971	5/14/71	21.95		1980	4/14/80	22.56	
1963	8/ 4/63	13.10	1,010	1972	1/ 5/72	23.32		1981	9/ 8/81	13.26	
1964	4/27/64	13.63	2,910	1973	3/17/73	26.73		1983	12/28/82	25.22	4,080
1965	2/12/65	15.91	3,130	1974	6/ 8/74	24.39		1984	12/ 4/83	23.95	
1966	2/13/66	22.33	4,220	1975	3/14/75	24.84					