

DAILY STAGES FOR 1994

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTH WEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.42 ON OCT. 3, 1990. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.4	7.9	3.1	5.2	6.5	4.6	6.1	.6	-.1	-.2	-.2	1.4
2	5.3	7.7	2.7	4.3	6.7	4.5	5.5	.6	-.1	-.2	-.2	1.2
3	5.2	7.4	2.3	3.7	6.8	4.5	7.0	.5	-.1	-.2	-.2	.9
4	5.1	7.2	2.1	3.1	6.8	4.4	8.8	.4	-.1	-.2	-.2	.6
5	5.0	7.0	1.9	2.7	6.7	4.8	7.8	.5	-.1	-.2	-.2	.4
6	5.0	6.8	1.8	2.8	6.5	6.6	6.3	.5	-.1	-.2	-.2	.3
7	5.4	6.6	1.7	2.5	6.3	7.6	5.4	.4	.1	-.2	-.2	.2
8	5.5	6.4	1.6	2.1	6.1	8.8	4.9	.4	.1	-.2	-.1	.2
9	5.4	6.5	4.3	5.2	5.9	8.3	4.6	.3	.0	-.2	.0	3.1
10	5.4	7.0	5.9	5.4	5.7	9.1	4.4	.3	-.1	-.2	.1	6.9
11	5.4	6.8	4.5	5.3	5.6	8.9	4.3	.2	-.1	-.2	.1	8.9
12	6.1	6.8	3.4	6.4	5.4	8.0	4.4	.2	-.1	-.2	.1	7.3
13	6.3	7.7	3.1	7.7	5.5	6.9	4.3	.2	-.2	-.1	.1	5.1
14	6.0	7.9	2.8	7.0	5.5	6.1	4.3	.2	-.3	-.2	.1	3.9
15	5.9	7.4	2.6	6.6	5.2	5.4	4.4	.2	-.4	-.2	.0	3.3
16	5.8	7.1	2.3	6.6	4.9	5.1	4.8	.1	-.2	-.2	.0	2.8
17	6.1	6.8	5.6	6.4	4.7	4.9	5.2	.1	-.1	-.2	.0	3.5
18	6.7	6.6	6.0	6.3	4.7	4.9	4.9	.1	-.1	-.2	.0	3.0
19	6.4	6.3	5.9	6.1	4.7	4.8	1.9	.0	-.1	-.2	-.1	2.0
20	6.2	6.0	5.8	5.9	4.7	4.8	1.3	.0	-.1	-.2	-.1	1.5
21	5.9	6.3	5.7	5.8	4.7	4.8	1.2	.0	-.1	-.2	.1	1.3
22	5.8	6.1	5.6	5.7	4.6	4.8	1.1	.0	-.2	-.2	.1	4.0
23	5.9	10.0	5.4	5.6	4.6	4.6	1.0	.0	-.1	.2	.1	6.1
24	6.2	8.8	5.4	5.5	4.6	4.6	.9	.0	-.1	.0	.0	4.5
25	7.2	6.5	5.5	5.4	4.5	4.6	.8	.0	-.1	-.1	.0	3.2
26	8.0	4.8	5.9	5.4	4.5	4.9	.8	.0	-.1	-.1	.0	2.8
27	8.7	3.9	9.1	5.2	4.5	5.6	.9	.0	-.1	-.1	.4	2.5
28	10.0	3.5	11.5	5.0	4.5	5.6	1.2	.0	-.1	-.1	3.4	2.2
29	9.7	----	10.5	5.5	4.5	7.0	.9	-.1	-.2	-.1	2.8	1.8
30	8.9	----	8.6	6.2	4.5	6.8	.7	-.1	-.2	-.1	1.8	1.5
31	8.3	----	6.6	----	4.6	----	.7	-.1	----	-.2	----	1.2
MEAN	6.4	6.8	4.8	5.2	5.3	5.9	3.6	.2	-.1	-.2	.3	2.8
MAX	10.0	10.0	11.5	7.7	6.8	9.1	8.8	.6	.1	.2	3.4	8.9
MIN	5.0	3.5	1.6	2.1	4.5	4.4	.7	-.1	-.4	-.2	-.2	.2

THE MEAN STAGE FOR THE YEAR 3.4
 HIGHEST STAGE WAS 11.48 28 MAR 1994
 LOWEST STAGE WAS -.38 15 SEP 1994

DAILY STAGES FOR 1993

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.42 ON OCT. 3, 1990. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.9	6.0	5.9	2.1	1.4	4.8	5.6	3.9	-0.2	4.2	4.5	6.8
2	5.1	5.8	6.0	1.7	3.0	4.7	5.3	4.0	-0.2	4.3	4.5	6.5
3	5.3	5.7	6.8	1.5	6.4	4.7	5.1	4.0	-0.2	4.7	4.5	6.7
4	5.3	5.6	6.8	1.3	8.0	4.6	4.7	4.1	-0.2	4.6	4.5	10.0
5	7.0	5.5	6.4	1.3	5.9	4.6	4.5	4.2	-0.2	4.5	4.5	10.3
6	6.9	5.3	6.3	1.2	4.0	4.7	4.4	4.7	-0.3	4.4	4.5	8.8
7	6.4	5.2	6.2	1.1	3.2	4.8	4.4	4.6	-0.4	4.4	4.5	6.8
8	6.3	5.1	6.1	1.1	2.8	4.8	4.3	4.4	-0.4	4.4	4.5	5.2
9	6.4	5.2	5.9	4.5	2.5	4.7	4.2	4.3	-0.3	4.5	4.5	4.3
10	6.5	5.1	5.6	6.5	2.1	4.6	4.2	4.2	-0.4	4.5	4.4	3.8
11	4.1	5.1	5.4	4.9	2.7	4.5	4.3	4.2	-0.4	4.5	4.5	3.2
12	2.3	5.1	5.3	3.6	5.3	4.5	4.3	4.1	-0.4	4.5	4.5	2.7
13	1.9	5.2	5.1	3.2	5.8	4.7	4.2	4.1	-0.4	4.5	4.5	2.2
14	1.6	5.2	5.1	2.8	5.7	4.8	4.3	4.0	-0.3	4.5	4.6	3.6
15	1.4	5.2	5.0	4.2	5.5	4.7	4.4	4.0	-0.2	4.5	6.1	3.5
16	1.4	6.0	4.9	5.6	5.3	4.6	4.3	4.1	-0.2	4.3	6.1	2.7
17	1.2	6.3	5.1	4.0	5.1	4.5	4.4	4.1	-0.3	4.4	9.3	2.4
18	1.1	6.0	5.1	3.0	4.9	4.4	4.4	4.0	-0.4	4.4	10.0	6.0
19	1.0	5.9	5.1	2.7	4.8	4.4	4.3	4.0	-0.4	4.5	9.0	6.3
20	0.9	5.9	5.1	2.6	4.8	4.5	4.3	3.9	-0.3	4.6	8.1	6.3
21	2.0	5.8	5.0	2.5	4.8	4.5	4.2	3.8	-0.4	4.7	7.6	6.1
22	2.6	5.7	4.8	2.1	4.8	4.6	4.2	3.9	-0.4	4.7	7.3	5.9
23	1.9	5.4	5.4	1.8	4.8	4.5	4.3	3.9	-0.4	4.8	7.2	5.8
24	2.8	5.5	5.8	1.6	4.8	4.5	4.3	3.9	-0.2	4.9	7.0	5.7
25	4.1	5.7	5.8	1.5	4.8	4.4	4.2	3.9	1.9	4.7	6.8	5.6
26	3.1	6.3	7.2	1.6	4.8	5.0	4.1	4.0	1.9	4.5	8.7	5.6
27	2.5	6.3	8.5	1.5	4.7	5.5	4.1	3.9	1.1	4.4	9.0	5.5
28	5.7	6.0	7.6	1.4	4.7	5.4	4.0	3.8	0.6	4.4	8.2	5.5
29	6.4		4.3	1.3	4.7	5.5	4.0	3.8	0.6	4.5	7.5	5.5
30	6.4		2.8	1.4	4.8	5.7	3.9	3.6	3.6	4.5	7.2	5.5
31	6.2		2.4		4.8		3.8	0.3		4.5		5.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.89	5.60	5.57	2.51	4.56	4.74	4.35	3.91	0.08	4.50	6.26	5.49
MAX.	7.0	6.3	8.5	6.5	8.0	5.7	5.6	4.7	3.6	4.9	10.0	10.3
MIN.	0.9	5.1	2.4	1.1	1.4	4.4	3.8	0.3	-0.4	4.2	4.4	2.2

HIGHEST STAGE WAS 10.69 ON DEC. 4.
LOWEST STAGE WAS -0.42 ON SEP. 13.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

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DAY	DAILY EIGHT A.M. STAGE IN FEET											GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
1	1.3	5.2	5.4	5.3	4.7	4.7	4.9	4.3	3.7	0.0	4.2	4.8			
2	1.2	5.1	5.2	5.3	4.7	4.8	4.7	4.0	4.1	-0.1	4.2	4.8			
3	1.2	5.0	5.0	5.3	4.7	5.1	4.6	3.2	4.1	-0.1	4.2	4.7			
4	1.2	5.0	4.8	5.2	4.7	7.3	4.7	3.5	4.0	-0.1	4.3	4.7			
5	1.1	5.0	4.8	5.1	4.7	7.6	4.8	3.8	3.9	-0.1	4.3	4.7			
6	1.1	5.1	4.8	5.0	4.7	6.5	4.8	4.2	3.9	-0.1	4.3	4.7			
7	1.1	5.1	4.8	4.8	4.6	7.4	6.4	4.2	4.0	-0.1	4.3	4.7			
8	2.0	5.1	4.9	4.8	4.6	7.3	6.3	4.2	3.9	-0.1	4.3	4.7			
9	4.9	5.1	4.8	4.8	4.7	6.7	5.8	4.1	4.0	-0.1	4.3	4.7			
10	4.0	5.1	8.9	4.8	4.6	6.2	5.5	4.0	4.1	-0.2	4.3	4.8			
11	3.0	5.1	9.0	4.9	4.6	6.0	5.2	4.7	4.1	-0.2	4.3	4.8			
12	2.8	5.1	7.7	4.9	4.6	6.2	5.0	5.5	4.1	-0.2	4.4	4.8			
13	2.7	5.1	7.1	4.9	4.5	6.0	4.7	5.2	4.1	-0.2	4.4	4.8			
14	3.9	5.1	6.7	4.8	4.5	5.8	4.5	5.0	4.0	-0.2	4.5	4.7			
15	4.1	5.3	6.3	4.8	4.5	5.5	4.4	4.9	4.0	-0.2	4.7	4.7			
16	2.9	5.5	5.9	4.7	4.5	5.2	4.4	4.7	3.9	-0.2	4.7	4.7			
17	2.5	5.6	5.3	4.7	4.5	4.8	4.5	4.5	1.2	-0.2	4.6	4.7			
18	2.4	5.9	5.8	4.7	4.2	4.8	4.6	4.3	0.9	-0.2	4.5	4.7			
19	2.2	5.9	7.7	4.9	4.3	4.7	4.6	4.2	3.8	-0.2	4.4	4.8			
20	1.9	5.8	7.2	5.3	4.8	4.6	4.6	4.1	3.8	3.6	4.5	6.3			
21	1.6	5.5	6.8	5.3	4.7	4.5	5.1	4.1	3.0	4.1	4.7	7.0			
22	1.4	5.3	6.8	5.3	4.8	4.5	5.3	4.0	2.4	4.3	5.4	6.3			
23	1.3	5.1	7.4	5.4	4.7	4.5	5.1	4.0	2.6	4.3	5.8	5.8			
24	1.2	5.2	6.9	5.3	4.7	4.4	5.2	3.9	1.9	4.1	5.7	5.7			
25	4.3	5.3	6.4	5.3	4.6	4.4	5.1	1.1	1.0	4.0	5.5	5.4			
26	5.2	5.7	6.0	5.1	4.5	5.0	4.9	0.3	0.6	4.1	5.3	5.2			
27	5.3	5.9	5.5	4.9	4.3	5.1	4.9	0.2	0.3	4.1	5.1	5.1			
28	5.3	5.7	5.2	4.8	4.3	5.1	5.0	0.2	0.2	4.1	5.0	5.0			
29	5.3	5.6	5.2	4.8	4.6	5.0	4.8	0.2	0.1	4.0	4.8	4.9			
30	5.3	5.3	4.7	4.9	5.0	4.8	0.1	0.0	4.0	4.0	4.8	4.9			
31	5.2	5.3		4.8		4.7	0.1		4.1		4.9				

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	2.86	5.32	6.09	4.99	4.60	5.48	4.96	3.37	2.85	1.49	4.66	5.03			
MAX.	5.3	5.9	9.0	5.4	4.9	7.6	6.4	5.5	4.1	4.3	5.8	7.0			
MIN.	1.1	5.0	4.8	4.7	4.2	4.4	4.4	0.1	0.0	-0.2	4.2	4.7			

HIGHEST STAGE WAS 9.38 ON MAR. 10.

LOWEST STAGE WAS -0.24 ON OCT. 14 AND SUBSEQUENT DAYS.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.42 FOOT ON OCT. 3, 1990. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAY	DAILY EIGHT A.M. STAGE IN FEET											GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929				
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
1	9.2	1.8	1.7	5.7	11.0	6.5	6.4	4.4	0.2	-0.2	4.5	6.0				
2	7.7	1.7	2.8	5.6	9.3	6.2	6.4	4.3	0.1	-0.2	4.2	7.7				
3	6.4	1.6	2.5	5.6	7.4	5.9	6.3	4.3	0.0	-0.2	3.0	10.1				
4	5.4	1.6	2.1	5.7	6.2	5.8	6.4	4.2	0.0	-0.2	2.2	8.1				
5	4.4	1.6	2.1	5.8	5.0	5.7	6.8	4.0	0.4	-0.3	4.7	5.6				
6	6.7	6.0	2.1	5.6	4.2	5.6	6.7	3.9	2.9	-0.3	4.8	4.1				
7	11.1	6.3	1.9	5.5	3.5	5.7	6.4	4.0	1.7	-0.3	4.9	3.4				
8	11.3	4.8	1.7	5.5	2.9	5.6	6.2	4.0	0.8	-0.3	4.9	3.0				
9	10.6	4.0	1.5	5.5	5.6	5.4	6.0	3.8	0.5	-0.3	4.8	3.3				
10	9.4	3.7	1.4	5.8	6.1	5.2	5.8	4.1	0.3	-0.3	4.8	5.0				
11	9.6	3.3	1.3	5.4	6.0	5.1	5.8	2.4	0.2	-0.3	4.7	3.5				
12	9.4	2.9	1.2	5.3	5.9	5.1	5.9	0.8	0.1	-0.3	4.7	2.4				
13	8.2	2.9	1.2	7.7	7.9	5.1	6.1	0.4	0.0	-0.3	4.7	4.8				
14	6.7	5.5	1.2	11.4	8.4	5.8	6.5	0.3	0.0	-0.3	4.7	6.7				
15	5.6	4.5	1.1	12.2	8.1	6.6	6.4	0.2	0.0	-0.3	4.7	4.9				
16	5.6	3.4	1.1	11.1	8.1	6.6	6.2	0.2	-0.1	-0.3	4.7	3.7				
17	5.2	3.2	1.1	9.4	8.0	6.6	6.0	0.1	-0.1	-0.3	4.8	3.3				
18	4.4	4.0	1.1	8.2	7.5	6.5	5.7	0.3	-0.1	-0.3	4.8	3.0				
19	3.9	4.5	1.0	10.2	7.8	7.3	5.8	0.3	-0.1	-0.3	4.9	2.7				
20	3.6	4.6	1.0	9.7	7.8	7.1	5.7	0.1	-0.2	-0.3	7.6	2.2				
21	3.4	3.6	1.0	7.9	7.5	7.1	5.6	0.1	-0.2	-0.3	8.7	2.0				
22	3.1	2.9	0.9	6.1	7.1	6.8	5.5	0.0	-0.2	-0.3	7.6	2.1				
23	2.8	2.6	0.9	4.9	6.8	6.7	5.5	0.1	-0.2	-0.3	6.9	2.8				
24	2.6	2.4	0.9	4.0	6.8	6.9	4.6	0.0	-0.2	-0.3	6.6	3.5				
25	2.5	2.1	0.9	3.1	7.4	7.9	4.5	0.0	-0.1	-0.3	6.5	2.6				
26	2.3	1.9	4.5	2.8	8.4	8.1	4.5	0.0	-0.2	-0.3	6.3	2.3				
27	2.2	1.8	5.3	3.5	7.9	7.8	4.5	0.0	-0.2	-0.1	6.1	2.3				
28	2.1	1.7	5.5	7.3	7.5	7.5	4.5	0.0	-0.2	-0.1	5.9	2.1				
29	2.0		5.6	10.0	7.3	7.0	4.5	0.7	-0.2	0.1	5.7	1.8				
30	2.0		5.7	11.7	7.0	6.4	4.5	0.9	-0.2	5.0	5.6	1.6				
31	1.9		5.7	6.7			4.4	0.4		5.2		1.4				

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.52	3.25	2.20	6.95	7.01	6.39	5.67	1.55	0.16	0.08	5.29	3.80
MAX.	11.3	6.3	5.7	12.2	11.0	8.1	6.8	4.4	2.9	5.2	8.7	10.1
MIN.	1.9	1.6	0.9	2.8	2.9	5.1	4.4	0.0	-0.2	-0.3	2.2	1.4

HIGHEST STAGE WAS 12.25 ON APR. 15.
LOWEST STAGE WAS -0.34 ON OCT. 19 AND SUBSEQUENT DAYS.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-0.1	6.2	2.6	7.8	6.8	6.7	4.6	0.1	-0.1	-0.4	0.2	0.1
2	-0.1	8.4	2.8	7.5	6.5	6.9	4.5	0.1	-0.2	-0.4	0.2	0.3
3	-0.1	10.0	2.6	7.3	9.0	8.4	4.3	0.1	-0.2	-0.4	0.1	0.5
4	0.0	9.6	2.4	7.1	8.1	7.8	4.3	0.0	-0.2	0.1	0.1	0.5
5	0.1	7.6	2.2	7.0	6.5	7.2	4.1	0.1	-0.3	0.7	0.2	0.4
6	0.1	5.6	2.1	6.8	5.0	6.8	4.0	0.1	-0.4	0.5	0.1	0.3
7	0.1	4.3	2.0	6.6	7.2	6.5	3.8	0.0	-0.4	0.5	0.1	0.2
8	0.0	3.5	7.2	6.4	7.4	6.3	3.7	0.0	-0.2	3.7	0.1	0.2
9	0.0	2.9	10.0	6.2	7.2	6.2	3.6	0.0	-0.3	5.8	0.1	0.2
10	-0.1	3.9	9.0	6.1	7.0	6.1	3.6	0.0	-0.3	8.4	0.1	0.2
11	-0.1	4.2	7.0	6.0	6.8	6.0	3.6	-0.1	-0.1	8.8	0.2	0.1
12	-0.1	3.2	5.4	5.9	6.6	5.9	3.6	-0.1	-0.1	7.9	0.1	0.1
13	-0.1	2.7	4.3	5.9	6.4	5.8	4.2	0.0	-0.1	8.5	0.1	0.1
14	-0.1	2.5	3.5	6.0	6.3	5.7	4.9	0.2	-0.1	8.5	0.1	0.1
15	-0.1	2.4	5.2	6.0	6.1	5.6	4.8	0.1	-0.2	8.3	0.0	0.1
16	-0.1	8.4	7.1	6.0	5.9	5.5	4.3	0.0	-0.2	7.8	0.0	0.1
17	-0.1	8.9	5.6	6.2	5.9	5.4	3.9	-0.1	-0.3	7.0	0.0	0.2
18	0.0	8.5	4.3	8.4	5.8	5.4	3.5	-0.1	-0.3	5.3	0.0	8.3
19	0.0	7.7	3.7	8.1	5.9	5.3	3.0	-0.1	-0.3	2.4	0.0	10.8
20	2.3	6.4	3.3	7.5	7.3	5.2	0.8	-0.2	-0.3	0.8	0.0	9.8
21	2.6	5.3	2.9	9.3	8.5	5.2	0.6	-0.2	-0.3	0.6	0.0	9.5
22	1.5	5.4	2.6	9.6	9.0	5.5	0.5	-0.1	-0.3	0.7	0.0	12.1
23	5.4	6.5	2.3	8.5	8.3	6.4	0.5	-0.1	-0.4	0.8	0.0	12.4
24	6.0	5.3	2.1	7.7	7.7	5.9	0.5	-0.1	-0.4	0.8	0.0	11.8
25	6.0	4.1	2.0	7.1	7.3	5.6	0.4	-0.1	-0.4	0.6	0.0	10.5
26	5.9	3.5	1.9	6.7	7.1	5.4	0.3	-0.1	-0.4	0.6	0.0	8.9
27	5.7	3.1	5.0	6.3	6.9	5.2	0.3	-0.1	-0.4	0.6	0.0	7.8
28	5.5	2.8	5.5	9.2	6.7	5.0	0.3	-0.2	-0.4	0.5	0.3	9.5
29	6.7		5.6	10.5	6.7	4.9	0.2	-0.2	-0.4	0.4	0.3	9.2
30	7.0		6.5	9.1	6.6	4.7	0.2	-0.1	-0.4	0.3	0.2	8.9
31	6.3		8.2		6.6		0.2	-0.1		0.3		10.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	1.95	5.46	4.43	7.29	6.93	5.95	2.61	-0.04	-0.27	2.89	0.08	4.63
MAX.	7.0	10.0	10.0	10.5	9.0	8.4	4.9	0.2	-0.1	8.8	0.3	12.4
MIN.	-0.1	2.4	1.9	5.9	5.0	4.7	0.2	-0.2	-0.4	-0.4	0.0	0.1

HIGHEST STAGE WAS 12.49 ON DEC. 22.
LOWEST STAGE WAS -0.42 ON OCT. 3.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.9	6.3	8.8	8.4	5.3	4.6	7.3	3.2	0.3	0.4	-0.1	-0.1
2	4.2	6.1	8.2	7.8	5.2	4.5	8.5	3.2	0.2	0.3	-0.1	-0.1
3	3.6	9.4	7.8	7.5	5.1	4.4	8.8	3.2	0.1	0.1	-0.1	-0.1
4	3.0	10.9	7.5	9.3	5.1	4.3	8.5	3.0	0.1	0.0	-0.1	-0.1
5	2.6	10.4	8.5	9.4	5.2	5.1	8.2	2.9	0.0	0.0	-0.1	-0.1
6	5.8	10.4	11.0	8.5	5.2	4.9	8.0	2.8	0.1	0.0	0.0	-0.1
7	6.3	6.5	10.0	8.0	5.0	4.7	7.8	2.5	0.0	0.0	0.0	-0.1
8	6.4	5.3	8.4	7.7	4.9	4.7	7.5	0.5	0.0	0.0	0.1	-0.1
9	6.6	4.8	6.8	7.5	5.0	4.7	7.1	0.4	0.0	-0.1	0.0	-0.1
10	6.6	4.3	5.7	7.3	5.2	4.7	6.7	0.4	0.0	-0.1	-0.1	-0.1
11	6.6	3.8	5.0	7.1	5.2	4.5	5.4	0.3	0.0	-0.1	-0.1	-0.1
12	8.3	6.2	4.4	6.9	5.1	4.5	4.7	0.3	0.0	-0.2	0.3	-0.1
13	10.9	7.1	3.9	6.7	5.0	6.8	4.5	0.3	0.0	-0.2	0.3	-0.1
14	9.9	10.8	3.6	6.6	4.9	7.9	4.4	0.3	0.1	-0.2	0.2	-0.1
15	10.0	12.7	3.3	6.5	4.9	9.5	4.2	0.3	0.0	-0.2	0.1	-0.1
16	8.9	13.4	3.0	6.4	4.9	10.0	4.1	0.2	0.1	-0.2	0.0	-0.1
17	7.3	13.4	2.8	6.2	4.9	10.2	4.1	0.2	0.1	-0.1	0.0	-0.1
18	8.3	13.3	2.7	6.1	4.8	10.2	4.0	0.2	0.0	-0.1	-0.1	-0.1
19	8.2	12.8	2.6	6.0	4.8	10.2	4.1	0.2	0.0	3.4	-0.1	-0.1
20	6.0	11.9	2.5	5.8	4.8	8.8	4.1	0.2	-0.1	4.0	0.0	-0.1
21	4.0	13.1	2.6	5.8	4.9	9.2	4.1	0.1	-0.1	3.9	0.1	-0.2
22	3.1	13.0	2.8	5.7	5.2	9.1	3.9	0.1	-0.1	3.9	0.1	-0.1
23	2.7	12.3	2.8	5.6	6.4	8.9	3.8	0.1	0.0	3.8	0.0	-0.1
24	2.5	11.0	5.7	5.5	6.0	8.7	3.7	0.2	-0.1	3.7	0.0	-0.1
25	2.3	9.6	6.6	5.4	5.4	8.5	3.6	0.2	-0.1	3.7	0.0	-0.1
26	2.3	10.0	6.6	5.3	5.1	8.2	3.4	0.2	-0.1	3.7	-0.1	-0.1
27	3.4	9.8	6.4	5.3	5.2	8.0	3.3	0.2	-0.1	3.7	-0.1	-0.1
28	3.1	9.3	6.3	5.3	5.6	8.5	3.2	0.2	-0.2	0.6	-0.1	-0.1
29	2.8		7.6	5.3	5.5	8.0	3.1	0.2	-0.1	0.0	-0.1	-0.1
30	5.5		8.5	5.3	5.2	7.5	3.1	0.5	0.3	-0.1	-0.1	-0.1
31	6.3		8.8		4.7		3.3	0.4		-0.1		0.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.57	9.56	5.84	6.66	5.15	7.13	5.18	0.87	0.01	1.08	-0.01	-0.11
MAX.	10.9	13.4	11.0	9.4	6.4	10.2	8.8	3.2	0.3	4.0	0.3	0.0
MIN.	2.3	3.8	2.5	5.3	4.7	4.3	3.1	0.1	-0.2	-0.2	-0.1	-0.2

HIGHEST STAGE WAS 13.50 ON FEB. 16.

LOWEST STAGE WAS -0.19 ON OCT. 15 AND 16.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.1	6.4	5.5	6.7	4.8	4.5	0.2	4.9	E 0.7	6.3	4.4	5.2
2	11.1	7.0	5.6	6.9	4.5	4.5	E 0.7	4.6	E 1.0	6.6	4.4	4.3
3	10.1	9.9	5.8	6.9	4.6	4.4	E 1.2	4.7	E 1.4	6.8	4.4	3.6
4	8.9	8.3	5.8	6.9	4.8	4.3	E 1.7	4.8	E 1.7	6.9	4.3	3.2
5	7.6	6.3	5.7	6.7	4.8	4.3	E 2.1	4.8	E 2.1	6.9	4.4	2.7
6	6.3	5.0	5.6	6.5	4.7	4.2	3.4	4.8	3.6	6.7	4.4	2.4
7	5.0	4.2	5.6	6.2	4.7	4.3	4.1	4.9	5.7	6.5	4.4	2.2
8	3.5	3.8	5.5	6.0	4.7	4.4	4.1	4.6	6.0	6.2	4.5	2.0
9	3.2	6.8	6.5	5.7	4.7	4.5	4.0	4.4	5.8	6.0	4.5	1.9
10	3.0	7.1	7.0	5.5	4.6	4.5	3.8	4.3	5.8	6.0	4.5	1.8
11	2.7	7.0	6.9	5.4	4.6	4.5	3.4	4.3	4.5	5.9	4.4	1.7
12	2.5	6.9	6.9	5.4	4.6	4.4	0.6	4.2	4.2	5.7	4.3	1.6
13	2.4	6.7	6.8	5.4	4.7	4.4	5.9	4.2	4.3	5.9	4.3	1.5
14	2.3	6.5	6.6	5.3	4.7	4.3	8.3	4.1	4.4	5.8	4.3	1.5
15	2.2	6.5	6.4	5.3	4.7	4.3	7.9	4.0	6.0	5.8	4.3	1.4
16	2.1	6.5	6.2	5.2	4.6	4.3	7.2	3.9	6.3	5.7	4.3	1.3
17	6.0	6.3	5.8	5.2	4.6	4.3	5.6	0.8	6.2	5.6	4.3	1.3
18	7.3	6.2	5.7	5.3	4.6	4.3	5.0	0.3	6.1	4.5	4.5	1.2
19	8.1	6.5	5.6	5.4	4.5	4.2	4.9	E 0.3	6.0	4.4	9.6	1.2
20	10.4	6.8	5.7	5.4	4.6	4.2	5.0	E 0.2	4.6	4.4	12.2	1.3
21	8.8	6.5	5.8	5.6	4.6	4.2	5.1	E 0.2	4.3	4.4	12.4	1.3
22	7.0	6.3	5.7	5.6	4.6	4.1	5.1	E 0.2	4.2	4.3	11.7	1.3
23	5.5	6.2	5.6	5.5	4.7	4.1	6.6	E 0.2	4.2	4.2	10.3	1.4
24	4.7	6.2	5.5	5.4	4.8	4.1	6.7	E 0.1	5.3	4.3	8.6	2.6
25	4.1	6.0	5.5	5.2	4.8	4.0	6.8	E 0.1	4.9	4.3	7.0	2.7
26	3.5	5.8	5.4	5.2	4.7	4.0	7.9	E 0.1	5.8	4.3	6.6	2.3
27	3.0	5.6	5.4	5.2	4.6	3.9	7.6	E 0.1	6.0	4.3	9.9	2.0
28	6.2	5.6	5.4	5.1	4.6	3.9	7.2	E 0.1	5.9	4.3	9.5	7.1
29	6.6	5.5	5.3	4.9	4.6	3.8	7.1	E 0.0	6.0	4.3	8.0	9.1
30	6.5	5.4	4.9	4.5	0.6	6.8	0.0	6.0	4.3	6.5	7.7	
31	6.4	5.8		4.5		6.5	E 0.3		4.4		5.9	

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.78	6.35	5.88	5.66	4.65	4.13	4.92	2.41	4.63	5.35	6.38	2.80
MAX.	12.1	9.9	7.0	6.9	4.8	4.5	8.3	4.9	6.3	6.9	12.4	9.1
MIN.	2.1	3.8	5.3	4.9	4.5	0.6	0.2	0.0	0.7	4.2	4.3	1.2

E- ESTIMATED.

HIGHEST STAGE WAS 12.45 ON NOV. 20 AND 21.
LOWEST STAGE WAS 0.00 ON AUG. 30.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET. GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.7	5.0	10.9	5.1	4.7	5.3	4.5	4.4	E 0.0	-0.2	-0.2	A
2	0.7	5.5	9.9	5.0	4.7	5.0	4.8	4.4	E 0.0	-0.2	-0.2	A
3	0.7	5.6	7.8	5.0	4.8	4.8	5.2	4.3	E 0.0	-0.2	-0.2	A
4	0.7	5.3	5.8	5.1	4.8	4.9	7.7	4.3	E 0.0	-0.2	-0.2	A
5	0.7	5.1	4.4	5.1	4.7	4.8	8.3	4.3	E -0.1	-0.2	-0.2	A
6	0.6	5.1	3.4	5.1	4.6	4.8	9.0	4.6	E -0.1	-0.2	-0.2	A
7	0.6	5.1	2.8	5.1	4.6	4.7	8.2	4.6	E -0.1	-0.2	E 0.1	0.8
8	0.6	5.1	2.4	5.0	4.5	4.5	7.5	4.4	E -0.1	-0.2	E 0.4	0.7
9	0.6	5.0	2.0	4.9	4.5	4.4	7.8	4.4	E -0.1	-0.2	E 0.8	0.7
10	0.7	5.0	1.8	4.9	4.5	4.4	7.6	4.2	E -0.1	-0.2	E 1.1	0.6
11	0.7	5.0	1.6	4.8	4.7	4.4	7.2	4.2	E -0.1	-0.2	E 1.4	0.6
12	0.7	4.9	1.5	4.8	4.6	4.3	6.6	4.3	E -0.2	-0.2	E 1.8	0.5
13	0.6	4.9	4.5	4.8	4.7	4.4	6.5	4.3	E -0.2	-0.2	E 2.1	0.5
14	4.3	5.0	5.0	5.8	4.7	4.3	6.4	4.3	E -0.2	-0.2	E 2.4	1.7
15	5.3	5.0	5.0	5.9	4.8	1.3	6.2	4.3	E -0.2	-0.2	E 2.8	5.3
16	5.3	5.1	5.1	5.9	4.9	1.1	4.9	4.2	-0.1	-0.2	E 3.1	5.5
17	5.1	5.2	5.1	5.9	5.2	1.1	4.6	4.2	-0.1	-0.2	E 3.4	4.2
18	4.9	5.4	6.4	5.8	5.2	0.9	4.5	4.2	-0.1	-0.2	E 3.7	3.4
19	4.8	5.6	6.8	5.5	5.0	0.7	4.5	4.3	-0.1	-0.2	4.1	2.9
20	4.9	5.6	6.4	5.3	4.9	0.9	4.4	4.2	-0.1	-0.2	A	2.9
21	5.0	5.5	6.0	5.1	4.7	1.1	4.5	1.5	-0.1	-0.2	A	2.5
22	5.0	5.3	5.8	5.0	4.6	1.1	4.5	0.3	-0.1	-0.2	A	1.9
23	5.0	5.3	5.6	4.9	4.8	1.1	4.4	0.2	-0.2	-0.2	A	1.5
24	4.9	5.3	5.4	4.9	4.8	1.0	4.4	0.1	-0.2	-0.2	A	2.2
25	4.9	5.2	5.2	4.9	5.9	4.7	4.6	0.1	-0.2	-0.2	A	10.4
26	4.9	5.1	5.1	4.8	6.2	5.0	4.6	0.1	-0.2	-0.1	A	13.2
27	4.8	7.7	5.1	4.9	5.4	4.9	4.6	0.0	-0.2	-0.2	A	14.4
28	4.9	9.2	5.1	4.8	4.9	4.6	4.7	0.1	-0.2	-0.2	A	14.8
29	5.0	5.1	4.8	4.6	4.5	4.6	4.6	0.0	-0.2	-0.2	A	14.6
30	5.0	5.1	4.8	4.5	4.5	4.4	4.4	0.0	-0.2	-0.2	A	14.0
31	5.0	5.1		4.5			4.4	0.0		-0.2		13.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.15	5.43	5.07	5.12	4.84	3.45	5.68	2.87	-0.12	-0.19		
MAX.	5.3	9.2	10.9	5.9	6.2	5.3	9.0	4.6	0.0	-0.1		
MIN.	0.6	4.9	1.5	4.8	4.5	0.7	4.4	0.0	-0.2	-0.2		

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 14.79 ON DEC. 28.

LOWEST STAGE WAS NOT DETERMINED.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 14B.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.3	5.2	5.6	5.1	7.0	9.3	7.0	5.0	0.0	-0.1	0.0	5.0
2	1.3	5.2	5.5	5.1	7.0	9.1	6.9	4.7	0.0	-0.1	0.0	1.9
3	1.1	5.3	5.5	5.1	7.0	8.8	6.9	4.7	0.0	-0.1	-0.1	0.7
4	1.1	5.8	5.5	5.1	7.0	8.9	6.8	4.6	0.0	-0.1	-0.1	0.6
5	1.0	6.6	5.4	6.2	7.0	9.9	6.8	4.5	0.0	-0.1	0.1	0.5
6	1.0	6.8	5.3	7.6	6.9	10.1	6.7	4.4	0.0	-0.1	0.1	0.5
7	1.0	7.3	5.2	6.6	6.8	9.0	6.7	1.4	0.0	-0.2	0.2	0.4
8	0.9	7.1	5.2	6.7	6.7	8.3	6.7	0.6	-0.1	-0.2	5.3	0.9
9	0.9	7.0	5.2	7.6	6.6	8.8	6.7	0.6	-0.1	-0.2	6.8	3.7
10	1.0	8.6	5.1	8.8	7.0	8.4	6.6	0.6	-0.1	-0.2	7.2	8.5
11	1.0	9.0	5.2	8.9	7.4	8.5	5.4	0.5	-0.1	-0.2	7.6	9.3
12	1.0	8.9	8.7	8.8	8.3	8.3	4.9	0.4	-0.1	-0.1	7.5	9.2
13	0.9	8.8	8.9	8.3	8.1	8.9	4.8	0.4	-0.1	0.8	6.6	9.1
14	0.9	8.6	6.4	7.8	7.8	9.2	4.7	0.3	-0.1	0.7	6.0	9.0
15	0.9	8.6	4.4	7.4	7.9	9.3	4.8	0.3	-0.1	0.4	5.7	8.6
16	5.3	8.7	3.2	7.3	8.2	9.2	4.8	0.3	-0.1	0.5	5.4	7.9
17	5.7	8.6	2.6	7.2	8.3	9.0	4.8	0.4	-0.1	0.5	5.2	6.1
18	5.6	8.7	6.0	7.2	8.9	8.8	4.8	0.3	0.0	0.3	5.1	2.5
19	5.6	8.7	6.5	7.1	9.5	8.6	4.7	0.3	-0.1	0.2	5.1	1.3
20	5.5	8.7	6.2	7.1	9.4	8.3	4.6	0.3	0.0	0.1	5.0	1.1
21	5.5	8.5	6.0	7.1	9.2	8.0	4.6	0.2	0.0	0.0	5.0	1.0
22	5.5	8.1	5.8	7.0	9.1	7.5	4.6	0.2	-0.1	-0.1	4.9	0.9
23	5.4	7.6	5.7	7.2	9.3	7.4	4.6	0.2	0.1	-0.1	4.9	0.9
24	5.3	7.0	5.6	7.4	9.3	7.3	4.6	0.2	0.0	0.1	4.9	1.0
25	5.3	6.9	5.4	7.3	10.2	7.3	4.6	0.2	-0.1	0.2	4.8	0.9
26	5.3	6.9	5.4	7.0	10.4	7.1	4.5	0.1	-0.1	0.3	5.5	0.9
27	5.2	6.8	5.1	7.0	9.8	7.1	4.7	0.0	-0.1	0.1	5.4	0.8
28	5.1	6.6	5.2	7.2	8.2	7.1	4.9	0.0	-0.1	0.0	5.1	0.9
29	5.2	5.2	7.2	8.5	7.3	4.8	0.0	-0.1	0.1	5.0	0.9	
30	5.3	5.2	7.1	8.1	7.2	5.7	0.0	-0.1	0.1	5.0	0.9	
31	5.2		5.1		9.2		6.4	0.0		0.0		0.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.28	7.51	5.53	7.08	8.19	8.39	5.48	1.16	-0.06	0.08	4.31	3.13
MAX.	5.7	9.0	8.9	8.9	10.4	10.1	7.0	5.0	0.1	0.8	7.6	9.3
MIN.	0.9	5.2	2.6	5.1	6.6	7.1	4.5	0.0	-0.1	-0.2	-0.1	0.4

HIGHEST STAGE 10.45 ON MAY 26.

LOWEST STAGE WAS -0.18 ON OCT. 9 AND SUBSEQUENT DAYS.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.0	7.6	3.6	7.2	9.9	7.7	7.7	4.8	6.5	0.3	7.2	E 4.7
2	9.3	7.4	3.3	7.0	9.7	7.6	7.3	4.6	6.3	0.3	8.0	E 4.2
3	8.9	7.4	3.1	7.0	9.1	7.5	7.0	4.6	5.9	0.3	7.9	E 3.8
4	8.7	7.4	2.9	7.0	8.6	7.5	6.8	4.6	6.0	0.2	7.8	E 3.4
5	8.5	7.1	3.0	6.9	8.3	7.4	6.6	4.6	6.2	0.2	6.0	E 2.9
6	8.4	7.0	2.8	7.0	8.1	7.4	6.7	4.8	6.3	0.2	5.3	2.4
7	8.2	6.8	2.6	6.9	7.9	7.4	6.6	4.8	6.4	0.2	5.1	2.0
8	8.6	6.7	2.5	6.9	9.5	7.4	6.6	4.8	6.5	0.1	5.0	1.7
9	8.5	6.6	2.4	6.9	9.8	7.3	6.5	4.7	6.7	0.1	4.8	1.5
10	8.5	6.6	2.3	6.9	8.3	7.3	5.3	4.7	6.7	0.1	4.7	1.4
11	8.4	9.2	2.3	6.8	7.5	7.3	5.0	4.8	7.0	0.1	5.0	1.7
12	8.2	10.0	2.3	6.7	8.7	7.3	4.8	4.8	6.7	0.1	5.1	2.2
13	8.0	9.4	2.2	6.6	9.1	7.5	4.8	4.6	6.2	0.1	5.2	2.0
14	7.8	9.2	2.2	6.6	9.1	7.4	4.8	4.5	4.9	0.1	5.2	1.8
15	7.7	8.0	2.1	6.7	9.1	7.2	4.7	4.7	4.7	0.1	4.9	1.8
16	7.5	5.7	2.0	6.7	9.0	7.3	4.8	6.0	4.6	0.1	1.3	E 1.7
17	7.5	4.5	2.0	6.7	8.9	7.0	4.8	6.3	4.5	0.1	1.2	E 1.6
18	7.4	4.0	2.0	6.8	8.6	7.0	4.7	5.8	4.5	0.1	1.4	E 1.5
19	7.3	4.2	1.9	6.8	8.3	7.1	4.7	5.4	4.4	0.3	1.3	E 1.5
20	7.2	4.4	1.8	6.7	8.0	7.4	4.7	5.1	4.2	0.3	1.2	E 1.4
21	7.2	4.0	1.8	6.6	7.7	7.5	4.7	4.8	4.2	0.3	1.0	E 1.4
22	7.0	3.8	6.2	6.6	9.1	7.1	4.6	4.7	4.2	0.3	0.9	E 1.4
23	7.0	3.6	6.5	6.7	8.8	7.4	4.7	4.7	1.0	4.4	0.9	E 1.4
24	7.0	6.4	6.5	9.9	7.9	7.7	4.6	4.7	0.5	6.6	0.9	E 1.4
25	6.8	6.2	6.4	9.6	9.0	7.7	4.6	4.7	0.4	7.2	7.9	E 1.4
26	6.9	4.9	6.3	8.8	9.1	7.6	4.7	4.9	0.5	6.8	10.1	E 1.4
27	6.9	4.2	6.2	9.5	9.0	7.2	4.9	5.1	0.4	6.5	8.4	E 1.4
28	6.9	3.9	6.1	10.2	8.5	7.3	5.0	6.6	0.3	5.1	6.2	E 1.4
29	6.9	6.0	7.8	8.1	7.9	4.8	7.0	0.3	4.7	5.4	E 1.4	
30	6.8	5.9	8.4	8.0	8.0	4.8	6.8	0.3	4.6	E 5.1	E 1.4	
31	7.6		7.1		7.8		4.8	6.5		6.2		E 1.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	7.75	6.29	3.70	7.36	8.65	7.41	5.38	5.14	4.24	1.80	4.57	1.94
MAX.	9.3	10.0	7.1	10.2	9.9	8.0	7.7	7.0	7.0	7.2	10.1	4.7
MIN.	6.8	3.6	1.8	6.6	7.5	7.0	4.6	4.5	0.3	0.1	0.9	1.4

E- ESTIMATED.

HIGHEST STAGE WAS 10.21 ON APR 28.

LOWEST STAGE WAS 0.05 ON OCT 18.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.8	6.4	4.5	6.5	5.5	8.5	4.7	0.3	1.1	3.9	9.7	9.7
2	3.6	6.1	5.2	6.4	5.8	8.4	4.7	0.3	4.2	4.6	10.9	9.7
3	1.3	5.8	5.2	9.0	7.4	8.1	4.6	0.2	3.8	4.6	9.8	9.6
4	1.4	5.7	5.2	9.9	8.6	7.8	4.6	0.2	3.9	3.6	9.8	9.5
5	2.1	5.6	9.0	9.0	8.1	7.3	4.5	0.2	3.8	3.6	10.0	10.0
6	2.8	5.6	9.2	8.3	8.4	5.6	4.5	0.9	3.3	3.7	9.9	9.6
7	2.8	5.5	8.4	7.9	9.4	5.2	4.6	6.5	3.2	4.6	9.8	9.3
8	2.6	5.4	7.7	7.4	10.8	4.9	4.9	6.6	2.8	6.8	9.7	9.0
9	2.4	5.3	7.2	8.4	9.9	5.0	5.0	5.6	3.8	8.2	9.5	8.8
10	2.7	5.3	6.8	8.4	8.2	5.0	6.5	5.0	7.5	8.8	10.7	8.6
11	2.5	5.3	6.3	7.7	6.5	4.9	6.7	5.8	7.9	8.8	9.9	8.3
12	2.0	5.4	6.0	7.2	7.5	5.0	6.7	5.1	7.0	7.5	9.7	8.0
13	1.8	8.1	5.8	7.0	7.5	5.0	6.5	4.7	6.3	5.7	9.4	7.9
14	1.7	7.7	5.6	6.8	7.3	5.2	6.0	4.6	5.8	5.1	9.0	8.1
15	1.5	7.2	5.5	6.6	7.0	5.1	4.8	2.1	5.5	5.0	8.6	4.9
16	1.5	7.0	6.8	6.4	6.8	5.1	4.7	0.8	5.2	5.1	8.1	2.7
17	1.4	6.8	7.7	6.3	6.7	5.0	4.6	0.8	5.0	5.8	7.7	2.2
18	1.3	6.6	8.9	6.2	6.6	5.1	4.6	0.6	4.8	7.1	8.0	2.1
19	1.1	6.4	8.4	6.1	8.4	5.0	4.5	0.6	4.6	8.9	10.4	2.5
20	1.1	6.1	8.9	5.9	8.7	4.9	4.5	0.6	3.8	9.8	10.5	3.5
21	1.1	6.0	8.3	5.8	8.6	5.0	4.5	0.5	3.5	11.3	10.2	6.9
22	1.1	5.8	7.6	5.7	8.4	4.9	4.5	0.4	3.5	11.4	9.9	6.8
23	1.2	5.7	7.2	5.7	8.0	4.8	4.5	0.5	3.5	10.4	9.6	5.6
24	4.8	5.5	6.9	5.6	6.4	4.8	4.4	0.7	5.7	10.0	9.8	4.7
25	6.1	5.5	6.8	5.5	5.9	4.8	4.4	0.5	5.8	10.1	9.6	4.3
26	5.3	5.5	6.6	5.4	5.7	4.8	4.3	0.4	5.8	9.8	8.8	3.9
27	4.6	5.6	6.5	5.3	5.6	4.7	4.2	0.3	5.7	10.2	9.3	3.5
28	6.7	2.8	7.5	5.5	5.8	4.7	4.2	0.3	5.2	10.3	9.9	3.4
29	7.2	1.6	7.3	5.7	7.6	4.7	4.2	0.2	4.8	10.2	9.8	7.2
30	7.1	6.8	5.5	8.4	4.7	4.1	0.2	4.0	10.0	9.7	7.7	
31	6.8		6.5		8.6		0.7	0.6		9.8		7.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.00	5.76	6.98	6.77	7.54	5.46	4.72	1.80	4.68	7.57	9.58	6.64
MAX.	7.2	8.1	9.2	9.9	10.8	8.5	6.7	6.6	7.9	11.4	10.9	10.0
MIN.	1.1	1.6	4.5	5.3	5.5	4.7	0.7	0.2	1.1	3.6	7.7	2.1

HIGHEST STAGE WAS 11.49 ON OCT. 21.
LOWEST STAGE WAS 0.16 ON AUG. 30.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A. M. STAGE IN FEET GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	E 6.5	6.8	5.3	5.2	10.7	6.8	4.9	4.3	0.0	-0.2	-0.3	2.3
2	E 6.5	7.5	5.3	5.1	10.0	6.7	4.9	4.3	2.4	-0.2	-0.3	2.2
3	E 6.5	7.7	5.2	5.2	10.3	6.6	5.0	4.3	2.3	-0.2	-0.3	9.0
4	E 6.5	7.4	5.2	5.2	10.7	8.4	4.9	1.9	2.3	-0.2	-0.2	10.2
5	E 6.5	7.2	4.0	6.2	9.6	8.7	4.9	0.8	2.2	-0.2	-0.2	8.8
6	E 6.5	7.3	3.7	7.5	7.8	8.8	4.8	0.6	2.1	-0.2	-0.2	7.6
7	E 6.5	7.2	5.6	8.1	6.1	7.2	4.8	0.5	2.1	-0.2	-0.2	6.7
8	E 6.5	6.8	6.2	8.7	4.9	6.5	4.8	0.5	0.1	-0.2	-0.1	5.2
9	E 6.5	6.6	6.3	9.2	7.3	6.3	4.8	0.5	0.0	-0.2	-0.1	4.1
10	E 6.5	6.4	6.1	8.6	7.5	7.7	4.7	4.0	0.0	-0.3	-0.2	3.4
11	E 6.5	6.2	5.8	7.9	7.4	8.1	4.6	4.2	0.0	-0.3	-0.2	3.9
12	E 6.5	5.9	5.6	7.3	9.2	8.1	4.5	3.0	-0.1	-0.1	-0.2	4.3
13	E 6.5	5.8	5.4	7.0	10.6	7.9	4.6	3.0	-0.1	-0.2	-0.2	3.5
14	E 6.5	5.7	5.2	8.0	9.7	7.7	4.6	3.1	-0.1	-0.2	-0.2	3.0
15	6.5	5.6	5.2	8.7	11.5	7.5	4.6	3.1	-0.1	-0.2	-0.1	2.9
16	6.5	5.6	5.2	8.3	13.0	7.5	4.6	3.1	-0.1	-0.2	-0.2	2.6
17	6.4	5.4	5.2	8.0	12.4	7.6	4.6	3.1	-0.1	-0.2	-0.2	2.3
18	6.4	5.3	5.2	7.8	10.8	7.5	5.0	3.5	-0.1	-0.1	-0.2	2.0
19	6.3	5.3	5.2	7.4	12.4	7.2	4.8	3.4	-0.2	-0.1	-0.2	1.7
20	6.2	5.3	5.3	7.1	12.5	5.7	4.7	3.2	-0.1	-0.2	0.9	1.4
21	6.3	5.4	5.3	6.9	11.3	5.3	4.6	2.9	0.0	-0.2	0.9	1.5
22	6.2	5.4	5.2	6.7	10.1	5.2	4.5	2.7	-0.1	-0.1	0.6	3.7
23	6.3	5.5	5.1	6.8	8.8	5.2	4.5	2.3	-0.1	-0.2	3.4	4.1
24	6.3	5.5	5.0	10.3	7.2	5.1	4.5	2.3	-0.1	-0.2	8.1	E 3.6
25	6.4	5.5	5.0	9.7	5.8	4.9	4.5	2.3	-0.1	-0.2	7.0	E 3.3
26	6.4	5.5	5.1	8.8	4.7	4.9	4.5	2.2	-0.1	-0.2	4.7	E 3.0
27	6.6	5.4	5.1	8.0	7.7	5.0	4.5	1.8	-0.2	-0.2	3.6	E 2.6
28	6.6	5.3	5.1	7.4	7.5	5.1	4.5	0.2	-0.2	-0.2	4.8	E 2.3
29	6.6	5.1	6.8	7.3	5.1	4.4	0.1	-0.2	-0.2	3.9	E 2.0	
30	6.8	5.2	6.5	7.1	5.0	4.4	0.1	-0.2	-0.3	2.8	E 1.6	
31	6.5	5.3	6.9			4.4	0.1		-0.3			2.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	6.46	6.09	5.24	7.47	9.00	6.64	4.66	2.31	0.37	-0.20	1.24	3.78
MAX.	6.8	7.7	6.3	10.3	13.0	8.8	5.0	4.3	2.4	-0.1	8.1	10.2
MIN.	6.2	5.3	3.7	5.1	4.7	4.9	4.4	0.1	-0.2	-0.3	-0.3	1.4

E- ESTIMATED.

HIGHEST STAGE WAS 13.02 ON MAY 16.

LOWEST STAGE WAS -0.26 ON OCT. 10.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.6	9.6	6.2	5.1	5.8	6.5	6.2	1.2	4.1	4.7	0.4	3.6
2	0.6	7.7	6.2	5.1	5.7	6.8	6.7	1.1	4.3	4.6	0.4	3.1
3	1.0	5.9	6.1	6.0	5.6	7.2	7.0	1.0	4.4	4.7	0.3	2.6
4	1.9	5.2	6.1	7.1	5.5	7.5	6.5	1.0	4.7	4.7	0.3	8.1
5	2.0	4.4	6.1	6.8	5.4	7.1	6.2	0.9	4.6	4.6	0.3	9.0
6	2.0	3.8	6.0	6.7	5.2	6.4	5.9	0.9	4.4	4.6	0.3	7.3
7	2.0	3.3	5.9	6.3	5.2	6.0	5.6	1.0	4.5	4.7	0.3	5.5
8	1.7	3.0	5.8	6.2	5.3	5.8	5.4	1.0	4.5	4.6	0.3	4.4
9	1.4	5.4	5.7	7.6	5.5	5.7	5.4	1.0	4.5	4.7	0.3	3.8
10	1.1	5.7	5.6	7.0	5.6	5.8	5.4	1.3	4.6	4.6	0.3	3.2
11	0.9	4.8	5.5	5.5	5.7	5.7	5.5	1.1	4.6	4.6	0.3	2.9
12	0.9	4.2	5.4	3.6	5.4	5.7	5.6	0.9	4.6	4.7	0.3	6.0
13	0.9	3.8	5.3	2.9	5.1	5.7	5.5	0.8	4.9	4.7	0.3	6.6
14	0.9	3.4	5.3	2.5	5.0	5.6	5.4	1.1	4.8	4.6	0.3	6.6
15	0.9	3.1	5.4	4.8	5.1	5.5	5.3	1.3	4.7	4.6	0.3	7.1
16	0.7	6.3	5.6	7.9	5.0	6.3	5.3	1.6	4.7	4.6	0.3	8.4
17	0.7	6.8	5.8	8.8	4.9	6.9	5.7	1.4	4.7	4.5	0.3	5.4
18	0.7	7.0	3.0	7.5	5.1	6.5	5.9	1.1	4.7	4.5	0.3	3.7
19	4.0	7.0	2.2	5.6	5.3	6.2	5.6	0.9	4.6	4.6	0.3	6.6
20	4.8	6.9	5.2	7.2	5.4	5.9	5.3	0.8	4.6	4.7	1.2	7.0
21	6.4	6.9	5.8	7.1	5.5	5.7	5.3	0.7	4.6	4.7	5.0	6.8
22	7.3	6.8	5.8	6.6	5.5	5.6	5.1	0.7	4.6	4.7	3.9	6.6
23	9.0	6.6	5.6	6.2	5.5	5.5	5.0	0.7	4.6	4.7	3.0	A
24	9.3	6.5	5.3	6.1	5.4	5.4	4.9	0.7	4.6	4.6	5.7	A
25	8.7	6.4	5.2	5.8	5.8	5.3	4.9	0.7	4.7	4.6	4.1	A
26	8.1	6.3	5.2	5.9	6.5	5.5	4.8	0.7	4.7	4.6	2.7	A
27	7.7	6.3	5.1	5.9	7.9	5.7	4.8	0.6	4.7	4.4	2.3	A
28	7.4	6.3	5.1	5.9	7.7	5.8	4.6	0.6	4.7	1.1	6.6	A
29	7.1		5.1	5.9	7.0	6.1	2.1	0.6	4.7	0.5	6.6	A
30	7.1		5.0	5.8	6.4	6.0	1.2	0.6	4.7	0.4	4.7	A
31	9.2		5.0		6.3		1.1	0.6		0.4		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.77	5.68	5.36	6.04	5.68	6.04	5.14	0.91	4.59	4.10	1.71
MAX.	9.3	9.6	6.2	8.8	7.9	7.5	7.0	1.6	4.9	4.7	6.6
MIN.	0.6	3.0	2.2	2.5	4.9	5.3	1.1	0.6	4.1	0.4	0.3

A- NO RECORD.

HIGHEST STAGE WAS 10.12 ON JAN 31.
LOWEST STAGE WAS 0.25 ON NOV 13.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.9	0.8	1.1	5.3	5.1	11.4	5.3	5.4	5.3	0.5	0.7	0.8
2	0.8	1.3	1.1	5.3	5.1	10.9	5.7	5.2	5.7	0.5	0.7	0.7
3	0.8	1.2	4.1	5.3	5.1	9.7	7.4	5.1	5.7	0.5	0.6	0.6
4	0.8	1.3	5.1	5.4	5.0	8.1	7.0	5.1	5.5	0.5	1.1	0.7
5	0.8	1.6	6.2	6.9	5.0	8.7	6.2	4.9	5.3	0.5	0.9	0.8
6	0.8	1.5	6.1	6.2	5.0	11.9	5.8	4.9	5.0	0.5	0.8	0.8
7	0.8	1.3	6.1	5.9	4.9	13.0	5.8	5.0	4.8	0.4	0.9	0.7
8	0.8	1.1	6.0	5.6	4.9	12.9	6.0	5.1	4.6	0.4	1.0	0.6
9	0.8	1.0	5.6	5.2	4.8	12.4	6.1	5.0	4.6	0.4	0.9	0.6
10	0.7	1.1	5.4	5.1	4.7	11.5	6.8	5.0	4.5	0.4	0.8	0.6
11	0.7	2.7	5.3	5.2	5.0	10.6	5.7	4.9	1.7	0.4	0.7	0.6
12	0.7	1.9	5.2	5.2	5.5	9.1	5.4	4.8	1.0	0.4	0.7	0.6
13	0.7	1.5	5.1	5.1	5.7	9.2	4.9	4.8	1.0	0.4	0.6	0.6
14	0.7	1.6	5.1	5.1	5.9	9.1	5.0	4.8	0.9	0.4	0.6	0.6
15	0.7	1.6	5.1	5.1	6.3	8.7	5.1	4.8	0.9	0.5	0.6	0.6
16	0.7	1.4	5.2	5.1	6.6	8.3	4.9	4.7	0.8	0.4	0.6	0.6
17	0.7	1.3	5.2	5.0	7.9	9.2	5.1	4.7	0.8	0.4	0.6	0.6
18	0.6	1.2	5.2	4.9	8.2	9.1	5.1	5.0	0.8	0.8	0.6	0.6
19	0.6	1.1	5.1	4.9	7.9	8.9	5.0	5.0	0.7	0.8	0.6	0.6
20	0.7	1.0	5.0	4.9	6.8	8.5	5.0	4.9	0.7	0.8	0.6	0.6
21	0.7	1.1	5.0	4.9	5.5	8.0	5.1	4.7	0.7	0.9	0.6	0.6
22	0.7	1.2	5.0	5.0	5.2	6.6	5.5	4.6	0.7	1.0	0.6	0.6
23	0.6	1.2	5.0	5.2	5.3	5.9	5.7	4.6	0.7	0.9	0.6	0.5
24	0.6	1.2	5.1	5.4	5.4	5.8	5.6	4.6	0.7	0.7	0.6	0.5
25	0.6	1.1	5.1	5.4	5.4	5.8	5.6	4.6	0.6	0.6	0.6	0.5
26	0.6	1.1	5.1	6.6	7.3	5.7	6.9	4.6	0.6	0.7	0.6	0.7
27	0.6	1.1	5.1	7.2	7.3	5.6	7.0	4.7	0.6	0.6	0.6	0.9
28	0.6	1.0	5.1	6.1	7.5	5.3	6.9	4.7	0.6	0.6	0.6	0.9
29	0.6		5.0	5.4	7.8	5.2	7.0	4.8	0.5	0.6	0.6	0.7
30	0.6		5.4	5.2	7.9	5.3	6.0	4.8	0.5	0.7	0.6	0.7
31	0.6		5.4		10.5		5.7	4.8		0.8		0.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	0.70	1.31	4.99	5.43	6.15	8.68	5.81	4.85	2.22	0.58	0.68	0.66
MAX.	0.9	2.7	6.2	7.2	10.5	13.0	7.4	5.4	5.7	1.0	1.1	0.9
MIN.	0.6	0.8	1.1	4.9	4.7	5.2	4.9	4.6	0.5	0.4	0.6	0.5

HIGHEST STAGE WAS 13.02 ON JUN. 7.

LOWEST STAGE WAS 0.41 ON OCT. 13 AND 14.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAFFAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U.S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.1	1.4	5.4	6.6	6.9	4.2	1.2	0.4	E 0.6	0.2	1.1	2.1
2	2.0	1.5	5.4	4.8	6.6	4.2	1.1	0.4	E 0.7	0.1	1.0	2.0
3	2.0	1.5	5.4	7.3	5.6	4.1	1.0	0.3	E 0.8	0.1	0.9	1.7
4	2.0	1.5	5.3	7.6	5.3	4.1	1.0	0.3	E 0.9	0.1	0.8	1.4
5	2.0	1.4	5.4	7.2	5.2	4.0	2.3	0.4	E 0.8	0.0	0.6	1.2
6	1.8	1.4	5.4	6.9	5.0	3.8	2.5	0.3	E 0.5	0.0	0.6	1.1
7	1.7	1.4	5.4	6.7	4.8	3.6	1.2	0.3	E 0.3	0.0	0.5	1.0
8	1.7	1.4	5.7	8.5	4.7	3.4	0.9	0.3	E 0.1	0.0	0.5	0.9
9	1.7	1.4	5.6	8.1	4.5	3.3	0.8	0.3	-0.1	0.0	0.5	3.8
10	1.6	1.3	5.5	5.5	4.3	1.7	4.1	0.3	E -0.1	0.0	0.4	4.9
11	3.8	1.3	5.3	4.1	4.0	1.3	4.4	0.2	E -0.1	0.0	0.4	3.6
12	6.3	1.3	5.1	3.9	3.9	1.3	4.5	0.2	E -0.1	0.0	0.4	2.8
13	4.8	1.3	2.8	6.6	5.3	1.3	4.4	0.2	E -0.1	0.0	0.4	2.5
14	3.7	1.2	1.9	8.9	5.3	2.3	4.4	0.2	E -0.1	0.0	0.4	2.2
15	3.3	1.6	1.6	7.6	5.1	1.2	4.3	0.2	E -0.1	0.0	0.8	1.8
16	2.9	4.3	1.5	5.9	4.9	1.2	4.1	0.2	E -0.1	0.0	0.7	1.6
17	2.7	3.8	6.7	7.5	5.0	1.1	1.1	0.1	E -0.1	0.0	2.4	1.4
18	2.4	3.1	8.3	7.5	4.7	1.1	0.7	0.2	E -0.1	2.4	5.8	1.3
19	2.2	2.8	6.6	7.2	4.5	1.1	0.7	0.2	E -0.1	3.8	4.9	1.2
20	2.1	2.7	5.1	6.8	4.4	1.1	0.6	0.1	E 0.	7.1	3.4	1.1
21	2.0	2.3	6.6	6.5	4.3	1.0	0.6	0.1	E 0.1	7.3	2.7	0.9
22	2.3	2.0	5.4	6.2	4.1	1.0	0.7	0.1	E 0.2	7.0	2.4	1.1
23	2.7	1.8	4.3	6.0	4.8	1.0	0.6	0.1	E 0.3	6.9	2.2	1.1
24	2.2	5.1	5.7	5.9	4.6	1.6	0.6	0.1	E 0.3	6.3	1.9	1.1
25	1.9	5.4	5.2	5.9	4.5	2.3	0.6	0.0	E 0.4	5.0	1.5	1.0
26	1.8	5.4	6.9	5.9	4.4	2.5	0.5	0.0	0.6	4.5	1.2	1.0
27	1.7	5.4	7.0	5.9	4.4	2.2	0.5	E 0.1	0.5	1.9	2.5	1.0
28	1.7	5.4	7.6	5.9	4.4	3.6	0.5	E 0.2	0.5	1.3	3.2	0.9
29	1.6	5.4	8.3	7.0	4.2	2.3	0.5	E 0.3	0.4	1.2	2.5	0.9
30	1.6	9.0	7.0	4.1	1.4	0.4	0.4	E 0.4	0.3	1.0	2.2	0.9
31	1.5		9.3		4.1		0.4	E 0.5		1.1		0.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	2.38	2.61	5.63	6.57	4.76	2.28	1.65	0.23	0.24	1.86	1.63	1.62
MAX.	6.3	5.4	9.3	8.9	6.9	4.2	4.5	0.5	0.9	7.3	5.8	4.9
MIN.	1.5	1.2	1.5	3.9	3.9	1.0	0.4	0.0	-0.1	0.0	0.4	0.9

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 9.47 ON MAR. 30.
LOWEST STAGE WAS NOT DETERMINED.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAFFAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U.S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.3	4.5	11.6	9.9	10.0	9.5	A	A	A	A	A	A
2	6.7	4.2	11.2	13.2	8.9	9.3	A	A	A	A	A	A
3	6.4	4.1	10.7	13.5	8.5	9.1	A	A	A	A	A	A
4	5.8	4.1	11.1	13.5	10.2	9.0	A	A	A	A	A	A
5	5.2	4.1	10.6	13.2	11.3	8.8	A	A	A	A	A	A
6	4.7	4.0	10.1	12.9	11.2	8.5	A	A	A	A	A	A
7	4.3	4.5	9.4	12.6	10.9	8.2	A	A	A	A	A	A
8	4.0	4.0	8.3	12.3	10.5	8.0	A	A	A	A	A	A
9	3.8	3.6	6.8	11.9	10.0	7.9	A	A	A	A	A	A
10	3.6	3.4	8.0	11.5	8.8	7.9	A	A	A	A	A	A
11	3.4	3.3	8.9	11.2	7.5	8.0	A	A	A	A	A	A
12	3.3	3.2	8.9	11.7	9.6	7.9	A	A	A	A	A	A
13	3.3	5.1	8.7	11.5	8.6	7.7	A	A	A	A	A	A
14	3.3	5.3	8.5	11.1	7.6	7.5	A	A	A	A	A	A
15	3.3	5.2	8.3	10.6	9.1	7.1	A	A	A	A	A	A
16	E 3.2	5.1	8.1	9.9	9.1	6.8	A	A	A	A	A	A
17	E 3.2	5.0	8.0	8.6	8.8	6.5	A	A	A	A	A	A
18	E 3.7	4.9	7.9	7.0	8.4	5.6	A	A	A	A	A	A
19	E 4.1	4.5	7.7	8.4	8.2	5.3	A	A	A	A	A	A
20	E 7.2	4.1	7.9	8.4	7.9	5.4	A	A	A	A	A	A
21	E 7.4	4.2	9.2	8.3	9.3	5.3	A	A	A	A	A	A
22	E 6.9	4.6	9.4	8.1	8.9	5.1	A	A	A	A	A	A
23	E 8.3	7.9	10.6	9.4	9.8	A	A	A	A	A	A	A
24	E 8.1	10.6	10.0	11.2	9.8	A	A	A	A	A	A	A
25	E 7.8	11.2	7.8	10.3	8.5	A	A	A	A	A	A	A
26	E 7.3	11.7	6.2	9.0	8.9	A	A	A	A	A	A	A
27	E 6.9	11.5	8.0	7.8	8.7	A	A	A	A	A	A	A
28	E 6.6	11.1	8.1	6.7	8.3	A	A	A	A	A	A	A
29	6.1		7.9	8.0	9.5	A	A	A	A	A	A	A
30	5.5			7.8	8.7	9.7	A	A	A	A	A	A
31	5.0			8.5	9.6	A	A	A	A	A	A	A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.31	5.68	8.85	10.34	9.22
MAX.	8.3	11.7	11.6	13.5	11.3
MIN.	3.2	3.2	6.2	6.7	7.5

A- NO RECORD.
YEARLY RECORD INCOMPLETE.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION, LAT. 35°32'02", LONG. 90°25'29", U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION, BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY KAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE, STAGE, AUG. 1, 1904, TO DATE, EARLIER RECORDS IN REPORTS OF U.S. WEATHER BUREAU, DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES, HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 16.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

MEAN, NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.6	6.2	5.3	6.5	5.8	5.9	3.9	1.1	9.3	4.4	E 3.9	7.5
2	1.6	5.8	4.9	6.5	5.8	6.2	2.5	1.1	8.7	4.1	E 4.0	7.3
3	1.5	5.5	6.2	6.4	6.1	6.0	1.4	1.1	7.5	4.0	E 4.1	7.3
4	1.5	5.3	6.2	6.3	6.2	3.2	1.3	1.0	7.8	4.0	E 4.2	9.9
5	1.4	4.9	6.2	6.3	6.1	2.4	1.4	1.4	7.4	3.8	E 4.2	10.2
6	1.3	4.8	6.1	6.2	6.1	2.2	1.5	2.6	6.5	3.7	E 4.3	10.2
7	E 1.3	4.6	5.7	6.2	10.0	3.0	1.3	2.5	3.8	3.7	E 4.4	10.3
8	E 3.7	4.2	6.0	6.2	11.5	3.3	1.3	2.0	2.6	3.7	4.5	12.3
9	E 6.4	2.4	6.0	6.2	11.6	2.9	4.3	1.6	2.2	3.6	4.1	13.6
10	E 7.3	6.2	5.9	6.0	11.1	2.7	4.7	3.4	2.0	3.4	3.3	13.6
11	8.3	7.5	5.6	6.1	10.1	2.6	4.9	4.3	1.9	3.3	2.9	13.3
12	E 8.2	6.2	5.3	8.3	9.0	2.4	5.9	2.2	1.7	3.3	2.8	13.0
13	E 8.2	6.2	4.7	8.5	7.9	2.2	6.5	1.2	1.8	3.4	2.8	12.9
14	E 8.1	9.7	5.6	8.5	6.5	2.0	7.7	5.7	5.7	3.6	3.0	12.7
15	E 8.1	9.6	6.3	8.4	5.1	1.9	8.0	6.3	7.9	3.6	3.3	12.6
16	E 8.1	8.0	6.1	8.0	4.1	1.8	7.6	5.2	7.7	3.4	3.6	12.3
17	E 8.2	6.6	5.7	7.7	3.5	1.8	6.2	3.5	6.6	3.6	5.8	11.8
18	E 8.2	5.6	5.2	7.3	5.7	3.7	5.6	2.5	5.0	3.6	8.3	11.0
19	E 8.1	4.9	4.6	7.2	5.8	4.6	5.1	1.9	3.7	3.6	8.9	9.8
20	E 8.1	4.1	4.3	7.2	6.4	4.7	4.8	1.6	2.9	3.6	8.9	8.5
21	E 7.8	3.7	4.0	7.1	6.4	5.1	4.6	1.5	2.4	3.6	8.9	6.6
22	E 7.7	3.4	3.8	6.6	6.1	5.4	4.4	1.4	2.1	3.6	8.8	5.8
23	E 7.6	3.1	6.3	6.5	5.9	5.6	4.4	1.3	1.9	3.5	7.9	5.3
24	E 7.7	3.9	6.6	6.2	5.9	5.4	4.3	1.3	1.8	3.6	7.2	4.9
25	E 8.0	5.0	6.6	6.1	5.7	5.1	4.2	1.2	1.7	3.6	6.1	4.5
26	E 8.3	5.3	6.8	5.9	5.7	5.1	1.6	1.2	4.1	3.4	6.5	4.2
27	E 8.0	5.2	6.8	5.8	5.8	2.4	1.5	1.1	4.6	3.6	7.4	3.9
28	E 7.5	5.3	6.8	5.4	5.9	1.9	1.5	1.1	5.4	3.7	7.8	3.7
29	E 7.2	6.7	5.5	6.1	1.7	1.4	1.3	1.3	5.4	3.8	7.9	3.6
30	7.0	6.6	5.7	6.0	1.5	1.3	1.0	7.0	4.6	3.8	7.7	3.5
31	6.6	6.6	3.3			1.2	9.2		E 3.9			4.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	6.22	5.48	5.80	6.69	6.67	3.49	3.76	2.57	4.55	3.66	5.58	8.73
MAX.	8.3	9.7	6.8	8.5	11.6	6.2	8.0	9.2	9.3	8.4	8.9	13.6
MIN.	1.3	2.4	3.8	5.4	3.3	1.5	1.2	1.0	1.7	3.3	2.8	3.5

E= ESTIMATED.

HIGHEST STAGE WAS 13.59 ON DEC. 9 AND SUBSEQUENT DAYS.
LOWEST STAGE WAS 1.01 ON AUG 4.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE, EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	0.9	0.7	5.2	5.1	1.0	4.5	0.7	4.2	8.8	4.6	3.4
2	A	0.8	0.6	5.4	5.3	3.7	4.6	0.6	4.3	9.3	4.6	3.1
3	A	0.7	0.6	5.5	5.3	5.6	4.6	0.6	4.2	9.5	4.6	2.8
4	A	0.7	3.2	5.6	5.0	5.2	4.6	0.6	4.2	9.3	4.6	3.2
5	A	0.7	4.8	5.7	4.9	1.8	4.6	0.5	4.2	9.0	4.6	2.8
6	A	0.6	3.5	5.7	4.9	1.0	4.5	0.5	4.2	7.7	4.5	2.3
7	A	0.7	2.9	A	4.9	0.8	4.5	0.5	4.2	7.4	4.6	2.0
8	A	0.7	2.5	A	4.8	0.8	4.3	0.5	4.2	7.0	4.6	2.1
9	A	0.7	4.8	A	2.8	0.8	4.1	0.4	4.1	6.8	4.7	2.0
10	A	0.6	4.9	A	1.4	0.8	4.4	0.4	4.0	6.7	4.7	1.8
11	A	0.6	4.9	5.6	4.0	0.8	4.7	0.3	3.7	6.5	4.7	6.0
12	0.4	0.9	6.3	5.4	4.5	0.7	4.7	0.3	0.8	5.1	4.7	7.5
13	0.4	0.8	7.0	5.1	4.5	0.7	5.0	0.3	0.5	4.9	4.7	8.2
14	0.5	0.7	6.9	5.3	4.5	0.7	5.1	0.5	0.5	4.7	4.7	6.2
15	0.5	0.7	6.4	5.2	4.4	0.7	4.9	0.4	0.4	4.7	4.9	3.6
16	0.6	0.8	6.1	5.2	2.6	1.2	4.7	0.5	3.0	4.7	4.9	3.1
17	0.6	0.7	5.8	5.1	1.5	1.1	4.6	0.6	4.4	4.6	4.5	2.9
18	0.6	0.7	5.5	5.0	1.3	1.0	4.4	0.5	4.5	4.6	1.7	2.6
19	0.6	0.6	5.3	4.9	1.3	1.4	4.3	3.8	4.4	4.6	1.2	2.3
20	0.6	0.6	5.1	4.9	1.4	1.6	4.3	4.2	4.3	4.6	1.9	2.1
21	0.6	0.5	4.9	4.9	1.2	1.6	4.2	4.2	4.3	4.5	3.4	2.0
22	0.6	0.5	4.9	4.9	1.2	1.5	4.2	4.2	4.3	4.6	3.3	1.9
23	0.6	0.5	4.9	5.0	1.2	1.3	4.2	4.2	4.4	5.0	3.1	1.9
24	0.6	0.8	4.9	5.7	1.9	1.4	4.5	4.3	4.7	5.8	3.0	1.8
25	0.8	0.9	4.9	5.9	2.1	1.4	4.3	4.2	5.2	5.7	2.6	1.8
26	1.0	0.7	4.9	6.0	5.0	1.6	4.2	4.2	5.9	4.8	2.2	1.8
27	1.5	0.8	4.9	5.8	5.3	1.9	4.0	4.2	8.3	4.6	1.8	1.7
28	1.6	0.8	4.9	5.7	2.6	1.8	4.6	4.2	9.2	4.6	2.1	1.7
29	1.2		4.9	3.5	1.8	1.5	0.9	4.2	9.9	4.5	3.0	1.7
30	1.0		5.0	2.2	1.5	3.9	0.8	4.1	9.0	4.5	3.5	1.7
31	0.9		5.1		1.3		0.7	4.2		4.5		1.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	0.69	4.57	3.20	1.63	4.02	2.02	4.44	5.91	3.72	2.88
MAX.	0.9	7.0	5.3	5.6	5.1	4.3	9.9	9.5	4.9	8.2
MIN.	0.5	0.6	1.2	0.7	0.7	0.3	0.4	4.5	1.2	1.7

A- NO RECORD

HIGHEST STAGE WAS 9.88 AT 700 A.M., SEP. 29.
LOWEST STAGE WAS 0.30 AT 400 P.M., AUG. 24.

DAILY STAGES FOR 1976

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ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION, LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE, EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU, DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APRIL 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 [STAGE, 18.88]. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 [STAGE, -2].

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.3	2.8	6.5	9.7	A	5.4	7.5	5.4	4.3	0.6	5.0	A
2	4.2	2.6	6.3	8.7	A	5.4	6.8	5.2	4.2	0.6	4.7	A
3	5.1	2.4	6.1	7.7	A	5.1	6.6	5.0	4.2	0.6	4.6	A
4	5.1	2.3	6.0	7.9	A	6.1	6.5	5.5	4.2	0.6	A	A
5	4.4	2.2	6.1	7.0	A	6.2	7.4	5.1	3.8	0.6	A	A
6	3.6	2.4	6.3	5.9	A	6.2	8.1	4.9	3.5	3.6	A	A
7	3.1	2.4	6.2	5.6	A	6.3	8.1	4.7	3.4	3.8	A	A
8	2.8	2.3	6.1	5.6	A	6.2	7.7	4.7	2.7	3.8	A	A
9	2.4	2.3	8.0	5.5	A	5.9	7.3	4.6	1.0	3.7	A	A
10	2.3	2.2	9.3	5.6	A	5.2	6.9	4.5	2.6	3.7	A	A
11	2.3	2.1	9.3	5.5	A	4.6	6.5	4.3	3.9	3.6	A	A
12	2.2	2.0	8.9	5.5	A	4.3	6.3	4.2	3.9	3.5	A	A
13	5.0	1.9	8.1	5.5	A	4.1	6.2	4.1	3.9	3.5	A	A
14	5.1	1.9	7.4	5.4	1.7	3.9	6.5	4.1	3.9	3.4	A	A
15	5.0	1.9	6.9	5.3	1.5	3.8	6.0	4.1	3.9	3.3	A	A
16	4.9	1.9	6.5	5.3	1.5	4.7	6.0	4.1	3.9	3.3	A	A
17	4.8	4.5	6.2	A	1.4	5.0	7.3	4.4	3.9	3.2	A	A
18	4.8	8.4	6.0	A	1.4	4.8	7.3	4.4	3.9	3.2	A	A
19	4.7	10.1	5.8	A	1.4	7.0	7.1	4.4	3.8	3.2	A	A
20	4.6	9.1	5.7	A	2.1	8.7	6.8	4.0	3.8	3.1	A	A
21	2.8	8.6	5.7	A	1.9	9.0	6.6	4.3	3.8	3.1	A	A
22	1.9	8.5	5.9	A	1.4	8.7	6.3	4.4	3.7	3.0	A	A
23	1.8	7.8	5.9	A	1.2	8.2	5.3	4.4	2.3	2.9	A	A
24	1.7	6.6	5.8	A	1.2	8.8	5.0	4.3	0.8	3.0	A	A
25	2.4	7.4	5.6	A	1.2	9.8	5.2	4.3	0.7	4.2	A	A
26	3.6	7.7	5.5	A	1.1	8.8	5.1	4.3	3.7	6.6	A	A
27	4.3	7.3	5.5	A	1.2	8.7	6.1	4.2	3.8	6.1	A	A
28	4.4	7.0	5.4	A	1.5	8.7	6.3	4.2	3.6	5.4	A	A
29	3.8	6.7	6.0	A	2.9	8.3	6.2	4.3	0.8	5.2	A	A
30	3.3		9.5	A	3.7	7.7	5.6	4.3	0.7	5.0	A	A
31	3.1		10.1		6.0		5.3	4.3		5.2		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	3.66	4.66	6.72	6.51	6.50	4.47	3.21	3.36
MAX.	5.1	10.1	10.1	9.8	8.1	5.5	4.3	6.6
MIN.	1.7	1.9	5.4	3.8	5.0	4.0	0.7	0.6

A- NO RECORD

HIGHEST STAGE WAS 10.13 ON FEB. 19.
LOWEST STAGE WAS 0.56 ON OCT. 5.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 [STAGE, 18.88]. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 [STAGE, -.2].

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.4	A	6.6	12.4	A	A	A	4.1	3.4	4.4	0.8	3.3
2	2.2	A	6.9	12.2	A	A	A	4.3	3.4	4.1	0.8	3.4
3	4.1	A	6.8	12.0	A	A	A	4.5	3.3	3.9	0.8	5.2
4	4.8	A	6.8	11.6	A	A	A	4.7	3.1	3.8	1.0	3.0
5	4.5	A	6.8	11.1	A	A	A	5.0	3.0	3.7	1.1	2.2
6	3.8	A	6.7	10.5	A		A	5.4	2.9	3.6	1.0	5.2
7	3.1	A	6.6	9.8	A	A	A	5.8	3.1	3.5	1.2	6.1
8	2.5	A	6.5	9.3	A	A	A	6.6	3.3	3.5	1.4	6.4
9	4.0	A	6.4	8.8	A	A	A	6.8	3.3	1.6	1.3	6.4
10	4.1	A	6.3	8.0	A	A	A	6.7	3.3	1.2	1.4	7.5
11	6.2	A	6.5	7.3	A	A	4.4	6.5	3.4	1.2	1.4	7.6
12	6.0	A	9.4	6.3	A	A	4.5	6.2	3.5	1.1	1.3	7.5
13	5.1	A	11.9	5.7	A	A	4.6	5.9	4.1	1.1	1.2	5.9
14	4.1	A	12.5	7.5	A	A	4.7	4.7	4.5	1.1	1.1	5.6
15	3.2	A	12.5	7.7	A	A	4.6	4.3	4.7	1.1	1.1	5.4
16	2.6	A	12.0	7.5	A	A	5.4	4.1	4.9	1.0	1.0	5.9
17	2.3	A	11.7	7.3	A	A	5.3	4.0	5.1	1.0	0.9	4.0
18	2.2	A	11.8	7.2	A	A	4.4	4.0	5.7	1.0	0.9	5.5
19	2.2	A	11.3	7.2	A	A	4.1	4.5	5.9	1.0	0.8	5.7
20	2.3	A	10.5	7.0	A	A	3.8	5.9	6.5	1.0	0.8	5.5
21	2.1	A	9.4	6.9	A	A	3.7	6.0	7.1	1.0	0.8	2.9
22	2.0	A	8.1	6.7	A	A	3.5	6.3	7.2	0.9	0.8	2.0
23	4.8	A	7.4	6.5	A	A	3.5	6.2	7.1	0.9	0.8	1.8
24	5.4	9.6	7.3	6.5	A	A	3.5	5.8	6.9	0.9	0.8	1.8
25	5.5	8.6	7.0	6.6	A	A	3.6	4.8	6.7	1.0	0.8	1.7
26	5.4	7.4	6.2	6.7	A	A	3.7	4.3	6.4	1.0	0.8	4.9
27	5.4	6.0	9.6	6.6	A	A	3.6	4.0	6.1	0.9	1.0	5.6
28	5.3	4.7	11.7	6.5	A	A	3.6	3.9	5.9	0.9	1.0	5.4
29	A		12.0	6.5	A	A	3.5	3.7	5.6	0.9	0.9	4.9
30	A		12.1	7.0	A	A	3.7	3.7	4.7	0.9	1.7	4.8
31	A		12.3		A		3.9	3.5		0.9		4.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	9.01	8.09		5.03	4.79	1.74	1.01	4.75
MAX.	12.5	12.4		6.8	7.2	4.4	1.7	7.6
MIN.	6.2	5.7		3.5	2.9	0.9	0.8	1.7

A- NO RECORD

HIGHEST STAGE WAS 12.68 AT 600 P.M., MAR. 14.
LOWEST STAGE WAS 0.75 ON NOV. 25 AND 26.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION, LAT. 35-32-02, LONG. 90-25-29, U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY; BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE, STAGE, AUG. 1, 1904, TO DATE, EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU, DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY;

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M., STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	7.0	9.4	6.3	4.1	4.3	1.4	0.9	5.1
2	A	A	A	A	6.2	8.8	6.2	4.0	7.4	1.3	1.0	4.8
3	A	A	A	A	5.7	7.9	6.2	3.9	7.8	1.2	1.0	2.5
4	A	A	A	A	6.0	7.3	6.1	4.5	7.6	1.2	1.1	1.7
5	A	A	A	A	7.6	8.1	6.1	5.2	7.2	1.2	1.3	1.6
6	A	A	A	A	7.7	8.6	6.1	5.2	6.6	1.2	1.3	1.5
7	A	A	A	A	7.5	11.0	6.0	5.0	5.8	1.2	1.2	1.5
8	A	A	A	A	7.1	12.0	6.0	4.8	5.3	1.1	1.2	1.5
9	A	A	A	A	7.0	12.1	5.9	4.4	5.0	1.1	1.1	1.4
10	A	A	A	A	6.9	11.6	5.4	4.2	4.6	1.1	1.1	1.4
11	A	A	A	A	6.9	10.8	5.1	4.0	4.5	1.1	2.8	1.4
12	A	A	A	A	7.3	9.7	5.1	4.1	4.3	1.1	3.0	1.4
13	A	A	A	A	7.6	8.2	5.1	4.2	4.2	1.1	2.5	1.4
14	A	A	A	A	7.5	6.9	5.1	5.0	4.2	1.0	2.1	1.4
15	A	A	A	A	7.4	7.6	5.0	6.8	4.1	1.1	1.7	1.4
16	A	A	A	A	5.8	6.9	4.9	8.1	2.5	1.0	1.4	1.4
17	A	A	A	A	6.5	6.5	4.7	7.7	1.8	1.0	1.3	1.3
18	A	A	A	A	6.6	7.4	4.5	7.5	1.7	1.0	1.2	1.3
19	A	A	A	A	6.6	7.2	4.4	8.5	1.6	1.0	1.7	1.3
20	A	A	A	A	6.4	6.9	4.2	8.9	1.6	1.0	2.0	1.3
21	A	A	A	A	6.4	6.7	4.2	8.5	1.6	0.9	1.6	1.3
22	A	A	A	A	6.8	6.4	4.1	7.6	1.5	0.9	1.3	1.2
23	A	A	A	A	7.2	6.2	4.8	6.7	1.5	0.9	1.3	1.2
24	A	A	A	12.4	7.2	6.1	6.0	5.9	1.4	0.9	5.7	1.3
25	A	A	A	12.3	7.0	6.0	6.1	5.4	1.4	0.9	7.7	1.4
26	A	A	A	11.5	7.0	5.8	6.5	5.0	1.4	0.9	7.5	1.4
27	A	A	A		7.1	6.0	5.6	4.8	1.4	0.9	6.7	1.4
28	A	A	A	10.9	6.7	6.5	5.0	4.7	1.5	0.9	6.0	1.4
29	A	A	9.9	6.4	6.5	4.7	5.0	1.8	1.0	0.9	5.5	2.4
30	A	A	8.5	6.2	6.4	4.4	6.2	1.6	0.9	0.9	5.1	2.5
31	A	A			7.1		4.2	7.2		0.9		2.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	6.84	7.91	5.28	5.70	3.56	1.04	2.63	1.74
MAX.	7.7	12.1	6.5	8.9	7.8	1.4	7.7	5.1
MIN.	5.7	5.8	4.1	3.9	1.4	0.9	0.9	1.2

A- NO RECORD

RECORD INCOMPLETE FOR HIGHEST STAGE.

LOWEST STAGE WAS 0.89 FROM 600 P.M., OCT. 27 TO 400 P.M., OCT. 28.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 [STAGE, 18.88]. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 [STAGE, -.2].

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 196.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.3	9.4	8.2	9.0	12.2	7.2	7.5	4.6	2.8	A	A	A
2	7.2	9.4	8.2	8.9	13.8	6.6	7.4	4.7	2.7	A	A	A
3	7.3	9.2	8.2	8.3	14.3	7.8	7.5	4.6	1.5	A	A	A
4	7.8	8.8	8.2	7.4	14.3	7.9	7.6	4.5	1.1	A	A	A
5	7.9	8.4	8.1	6.8	14.2	7.7	7.6	4.3	1.0	A	A	A
6	7.8	8.7	8.0	6.6	14.0	7.6	7.6	4.2	3.2	A	A	A
7	7.6	9.6	7.4	8.1	14.2	7.5	7.5	4.1	6.3	A	A	A
8	7.4	10.7	7.6	8.5	14.3	7.4	7.5	4.0	6.8	A	A	A
9	7.3	11.0	8.3	8.7	14.1	7.3	7.5	3.9	7.3	A	A	A
10	7.1	10.6	8.4	8.9	13.7	7.2	E 7.6	3.8	6.7	A	A	A
11	7.0	9.7	10.8	8.8	13.1	7.2	7.7	3.7	5.9	A	A	A
12	6.9	8.5	11.4	8.5	12.5	7.7	7.9	3.7	5.4	A	A	A
13	6.9	7.8	11.4	8.2	11.8	6.7	7.7	4.0	5.0	A	A	A
14	6.8	8.1	11.0	7.8	11.1	7.9	7.4	4.8	4.7	A	A	A
15	6.8	9.2	10.5	7.6	10.4	7.9	7.3	5.0	4.3	A	A	A
16	7.0	9.1	10.3	7.5	9.8	7.7	7.2	4.9	3.9	A	A	A
17	7.3	8.7	10.0	7.6	9.1	7.5	7.2	4.8	2.2	A	A	A
18	7.3	8.3	9.4	8.5	8.4	7.3	7.0	4.7	1.7	A	A	A
19	7.2	7.9	8.4	10.6	7.5	7.1	6.9	4.6	2.7	A	A	A
20	7.7	7.6	7.8	13.4	6.9	7.0	7.0	4.5	1.6	A	A	A
21	7.8	7.4	8.7	13.8	6.9	6.9	7.3	4.4	1.4	A	A	A
22	9.7	7.2	8.7	14.0	8.0	6.8	7.2	4.2	1.3	A	A	A
23	10.9	7.2	8.4	14.4	8.0	6.7	6.3	4.0	1.3	A	A	A
24	10.2	8.3	8.2	14.6	7.2	6.6	5.3	3.8	1.2	A	A	A
25	9.1	8.6	6.9	14.5	8.0	6.6	5.3	3.6	1.2	A	A	A
26	8.3	8.6	6.5	14.5	8.0	6.9	5.4	3.5	1.2	A	A	A
27	9.1	8.5	8.1	13.7	8.5	7.3	5.1	3.2	1.1	A	A	A
28	9.3	8.4	8.2	13.6	8.2	7.1	4.9	3.0	1.2	A	A	A
29	8.8		8.0	13.0	8.2	7.5	4.8	2.9	1.7	A	A	A
30	9.7		7.8	12.3	8.1	7.6	4.6	2.9	1.7	A	A	A
31	9.6		8.4		7.9		4.6	2.9		A		

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	7.99	8.74	8.68	10.26	10.53	7.26	6.74	4.05	2.99
MAX.	10.9	11.0	11.4	14.6	14.3	7.9	7.9	5.0	7.3
MIN.	6.8	7.2	6.5	6.6	6.9	6.6	4.6	2.9	1.0

A- NO RECORD

E- ESTIMATED

HIGHEST STAGE WAS 14.60 AT 400 P.M., APR. 24.

LOWEST STAGE WAS 1.00 ON SEP. 4 AND 5.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE, EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.1	1.0	4.5	6.2	7.2	4.8	1.5	4.7	1.6	3.6	9.1	6.8
2	0.9	1.0	5.2	5.7	8.1	4.6	1.7	5.6	1.5	3.1	10.0	6.6
3	0.9	1.0	5.6	5.5	7.9	4.5	2.3	6.2	1.5	4.1	9.8	6.5
4	1.2	0.9	5.7	6.2	7.4	4.5	3.1	6.2	1.5	4.1	9.2	6.7
5	1.5	0.9	5.8	6.6	7.0	4.4	3.1	5.9	1.5	3.9	8.6	6.9
6	1.2	1.4	5.8	6.3	6.7	4.2	4.2	5.0	1.5	3.8	8.2	7.1
7	1.0	2.6	5.9	5.7	6.5	4.1	4.6	4.6	1.5	3.7	10.0	7.4
8	1.0	2.8	5.6	5.2	6.3	4.0	4.6	4.3	1.5	3.6	10.4	9.5
9	1.2	2.4	5.5	5.0	6.2	3.9	4.5	4.1	1.4	3.5	9.8	11.5
10	1.6	2.1	5.4	5.0	6.2	3.8	4.4	4.0	0.5	3.4	8.8	12.0
11	1.6	1.8	5.4	4.6	5.4	3.7	4.2	3.9	0.4	3.3	9.1	12.0
12	1.4	1.5	5.3	4.5	5.5	3.6	4.1	3.8	0.4	3.0	8.9	11.8
13	1.4	1.4	5.2	4.4	5.9	3.8	3.9	3.8	0.4	2.6	8.6	11.7
14	1.3	1.3	5.2	4.4	5.9	4.4	3.7	3.7	0.4	2.2	8.7	11.2
15	1.1	1.2	5.1	4.4	6.0	4.4	3.5	3.5	0.4	0.8	8.6	10.8
16	1.1	1.1	5.0	6.8	5.7	4.2	3.3	3.4	0.4	0.6	8.3	10.1
17	1.0	1.1	4.9	7.6	5.7	3.8	3.7	3.2	0.4	0.6	7.9	9.1
18	1.0	1.1	4.8	7.3	5.6	3.4	4.5	2.9	0.4	0.5	7.6	8.1
19	1.0	1.4	4.7	6.8	5.5	3.2	4.6	2.6	0.4	0.8	7.7	6.6
20	1.0	3.7	4.6	6.2	5.4	3.0	4.6	2.5	0.3	3.0	7.8	6.6
21	1.5	4.0	4.6	6.2	5.4	3.0	4.6	1.8	0.3	3.4	7.7	8.3
22	2.2	3.9	4.6	7.4	6.3	2.9	4.6	1.8	0.3	3.8	7.4	8.4
23	1.9	3.9	4.5	7.8	6.5	2.7	4.5	1.9	0.3	4.0	7.3	8.2
24	1.2	3.7	4.5	7.6	6.6	1.4	4.5	1.9	0.3	4.5	7.1	8.0
25	1.3	1.9	4.4	7.1	5.0	1.3	4.4	1.8	0.3	5.3	7.4	7.8
26	1.2	1.1	4.4	6.7	4.8	1.2	4.2	1.7	0.3	5.5	7.7	7.6
27	1.0	1.0	4.4	6.4	4.7	1.1	4.1	1.7	0.4	6.0	7.6	7.4
28	1.1	1.5	4.5	6.3	4.5	1.2	3.9	1.6	0.4	6.4	7.6	7.3
29	1.1	4.0	6.0	6.7	4.6	1.3	4.0	1.6	1.0	6.5	8.3	7.2
30	1.1		6.5	6.5	4.7	1.4	4.0	1.6	3.7	6.6	7.3	7.2
31	1.0		6.6		4.9		4.3	1.5		7.9		7.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	1.22	1.95	5.16	6.09	5.93	3.29	3.90	3.31	0.83	3.67	8.41	8.50
MAX.	2.2	4.0	6.6	7.8	8.1	4.8	4.6	6.2	3.7	7.9	10.4	12.0
MIN.	0.9	0.9	4.4	4.4	4.5	1.1	1.5	1.5	0.3	0.5	7.1	6.5

HIGHEST STAGE WAS 12.09 AT 600 P.M. DEC. 10.
LOWEST STAGE WAS 0.32 FROM SEP. 22 TO 26.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPEROO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 [STAGE, 18.88]. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 [STAGE, -2].

DAILY MEAN STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.7	6.1	5.3	5.6	4.8	4.3	5.0	4.5	4.2	0.7	0.4	0.3
2	4.4	6.0	4.8	5.6	4.8	3.9	4.3	4.4	4.0	0.6	0.4	2.4
3	4.1	5.9	4.6	5.6	4.7	2.8	4.2	4.9	3.9	0.6	0.4	3.7
4	4.7	5.9	4.7	5.6	4.7	4.2	4.1	6.8	3.8	0.6	0.4	3.6
5	5.4	6.3	4.5	5.5	4.6	4.4	4.0	8.5	3.7	0.6	0.4	3.4
6	5.2	6.5	4.4	5.5	4.6	4.5	4.2	8.5	3.6	0.6	0.4	3.2
7	4.6	6.4	4.3	5.4	4.8	4.7	4.9	7.7	3.7	0.6	0.4	3.0
8	4.2	6.2	4.2	5.4	4.8	5.0	5.5	6.5	3.3	0.6	0.4	2.9
9	3.9	6.1	4.0	5.3	4.7	5.5	5.3	6.3	3.3	0.6	0.4	4.0
10	3.7	6.0	3.9	5.3	4.7	5.8	4.8	6.8	1.5	0.6	0.4	3.7
11	3.6	5.9	3.8	5.3	4.8	5.5	4.4	6.4	1.1	0.5	0.3	2.8
12	3.5	6.8	3.7	5.2	5.3	5.3	4.1	6.0	1.1	0.5	0.3	2.1
13	3.4	8.7	3.6	5.1	6.6	5.3	3.9	5.3	1.0	0.5	0.3	1.7
14	3.4	9.2	3.6	5.1	6.6	5.7	3.7	4.7	0.9	0.5	0.3	1.4
15	3.3	8.6	3.5	5.1	6.3	6.0	3.6	4.4	0.9	0.5	0.3	1.4
16	3.3	6.6	3.4	5.0	5.8	6.1	3.6	4.3	0.9	0.5	0.3	1.2
17	3.2	5.4	3.3	5.0	5.5	6.0	3.6	4.1	0.8	0.5	0.4	1.1
18	3.2	4.6	3.2	5.0	5.2	6.2	3.5	4.0	0.8	0.5	2.6	1.0
19	3.2	4.2	3.1	4.9	5.0	6.4	3.5	3.9	0.8	0.5	1.0	1.0
20	3.1	4.2	3.0	4.9	4.9	6.8	3.5	3.8	0.8	0.5	0.3	1.0
21	3.1	4.8	3.0	5.0	4.8	6.8	3.5	3.7	0.8	0.5	0.3	0.9
22	3.7	8.3	2.9	5.0	4.5	6.6	3.5	3.7	0.8	0.5	0.3	0.8
23	6.2	9.4	2.8	5.3	4.6	6.4	3.5	3.7	0.7	0.5	0.3	0.8
24	6.6	9.2	2.8	5.3	4.6	6.2	3.6	3.6	0.7	0.4	0.3	0.8
25	6.6	8.4	2.8	5.2	4.6	6.2	3.6	3.8	0.7	0.4	0.3	0.7
26	6.6	7.5	3.7	5.1	4.4	6.1	3.6	4.0	0.8	0.4	0.3	0.7
27	6.5	6.7	5.7	5.0	4.4	6.0	3.5	4.2	0.8	0.4	0.3	0.7
28	6.4	6.0	5.9	4.9	4.4	5.9	3.6	4.4	0.8	0.4	0.3	0.7
29	6.3		5.9	4.9	4.4	5.8	3.7	4.5	0.7	0.4	0.3	0.7
30	6.3		5.8	4.8	4.4	5.6	4.3	4.4	0.7	0.4	0.3	1.4
31	6.2		5.7		4.3		4.5	4.3		0.4		1.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	4.59	6.63	4.05	5.19	4.91	5.52	4.01	5.03	1.71	0.50	0.43	1.75
MAX.	6.6	9.4	5.9	5.6	6.6	6.8	5.5	8.5	4.2	0.7	2.6	4.0
MIN.	3.1	4.2	2.8	4.8	4.3	2.8	3.5	3.6	0.7	0.4	0.3	0.3

HIGHEST STAGE WAS 9.46 AT 500 P.M., FEB. 23.
LOWEST STAGE WAS 0.24 NOV. 29.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.0	5.1	5.5	6.8	9.2	6.1	6.4	4.4	3.7	4.9	6.9	5.4
2	9.2	5.7	5.4	6.7	8.1	6.1	6.2	4.4	3.8	4.8	6.7	5.4
3	8.2	5.8	6.3	6.6	7.4	6.7	6.1	4.3	3.2	4.6	6.5	5.4
4	6.8	5.7	7.9	6.6	8.7	7.6	6.0	4.3	2.1	4.5	6.3	5.4
5	5.5	5.5	7.6	6.6	8.8	9.0	5.9	4.3	3.9	4.4	6.2	5.4
6	4.4	5.5	6.8	6.6	8.5	8.6	5.7	4.4	4.6	4.4	6.0	5.4
7	4.0	5.6	5.7	6.6	5.8	8.0	5.6	4.7	4.7	4.3	6.9	5.3
8	3.6	5.8	7.2	6.6	4.5	7.4	5.6	4.9	4.0	4.3	5.8	5.3
9	3.3	5.9	7.3	6.5	7.1	6.9	5.6	6.0	2.2	4.6	5.8	5.2
10	2.9	5.9	7.1	6.5	7.4	6.6	5.6	7.1	1.8	4.8	6.0	5.2
11	2.5	5.9	6.9	6.4	7.4	6.3	5.6	7.1	1.6	4.9	6.1	5.1
12	2.4	5.8	6.8	6.4	7.3	6.1	5.6	6.6	1.5	5.3	6.1	4.7
13	2.4	5.8	6.7	6.3	7.2	6.0	5.6	5.9	1.4	6.3	6.0	3.2
14	2.5	5.7	6.6	6.2	7.1	6.1	5.4	3.6	3.2	7.9	6.3	2.8
15	2.7	6.5	6.5	6.1	7.0	6.4	5.3	3.1	3.5	8.6	6.7	2.8
16	2.8	6.5	6.4	6.0	7.0	7.6	5.2	4.6	3.5	8.3	6.7	3.9
17	2.9	6.2	6.3	6.0	7.0	9.0	5.1	4.6	3.4	7.6	6.5	4.9
18	2.8	5.4	7.5	5.9	6.9	9.4	5.0	4.5	3.4	6.9	6.3	5.0
19	2.7	4.6	8.0	5.8	6.9	9.2	5.0	4.4	4.2	6.5	6.2	4.6
20	2.6	3.9	7.0	7.9	6.8	8.6	5.0	4.4	7.3	6.5	6.2	4.1
21	2.4	3.4	6.5	8.3	6.7	8.2	4.9	4.3	8.8	6.9	6.1	4.5
22	2.3	3.1	8.1	8.1	6.6	8.0	4.9	4.3	9.2	6.9	6.1	8.6
23	2.2	2.8	8.0	7.6	6.5	7.8	4.9	4.3	9.1	6.6	6.0	10.6
24	2.2	2.7	7.7	7.3	6.4	7.5	4.8	4.4	8.7	6.4	5.9	10.8
25	2.1	2.5	7.5	7.3	6.5	7.4	4.7	4.3	8.0	6.2	5.8	10.5
26	2.1	5.3	7.4	10.4	6.4	7.3	4.7	4.2	7.2	6.0	5.7	9.7
27	5.0	5.5	7.4	10.6	6.2	7.1	4.7	4.2	6.4	6.6	5.6	8.7
28	5.3	5.5	7.3	10.0	6.1	6.9	4.6	4.1	5.8	7.6	5.6	7.4
29	5.2		7.1	8.9	5.9	6.7	4.6	4.0	5.4	7.8	5.6	6.2
30	5.1		7.0	7.6	6.1	6.5	4.5	3.9	5.1	7.6	5.5	5.4
31	5.1		6.9		6.1		4.5	3.8		7.2		5.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	3.97	5.12	6.97	7.17	6.95	7.36	5.26	4.62	4.68	6.13	6.13	5.86
MAX.	10.0	6.5	8.1	10.6	9.2	9.4	6.4	7.1	9.2	8.6	6.9	10.8
MIN.	2.1	2.5	5.4	5.8	4.5	6.0	4.5	3.1	1.4	4.3	5.5	2.8

HIGHEST STAGE WAS 10.85 AT 400 A.M., DEC. 24.
LOWEST STAGE WAS 1.39 AT 800 P.M., SEPT. 13.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.4	12.9	7.2	6.6	7.3	5.3	5.5	4.0	3.0	1.1	3.3	A
2	7.1	12.7	7.2	6.5	7.2	5.3	5.3	3.9	3.0	1.6	3.3	A
3	6.9	12.6	7.0	6.5	7.1	5.2	5.2	4.0	3.0	1.3	3.3	A
4	6.8	12.4	6.9	6.4	7.0	5.2	5.1	4.0	2.9	1.3	3.2	A
5	6.7	12.1	6.8	6.5	6.8	5.2	5.0	4.0	3.0	A	3.2	A
6	6.6	11.5	6.7	7.0	6.7	5.1	4.9	3.9	3.0	A	3.1	A
7	6.6	10.8	6.7	7.0	6.6	5.1	4.9	3.8	2.9	1.7	3.1	1.9
8	6.5	10.1	6.6	7.0	6.5	5.0	4.8	3.6	2.9	1.6	3.1	1.8
9	6.4	9.4	6.5	7.1	6.4	4.9	4.8	3.5	3.0	1.3	3.1	1.5
10	6.4	8.8	6.4	9.4	6.3	4.9	4.8	3.2	3.0	2.4	3.1	1.3
11	6.3	8.3	6.3	9.4	6.2	4.9	4.7	3.2	3.1	1.6	3.1	A
12	6.2	7.6	6.3	9.3	6.1	4.8	4.6	3.2	3.1	1.6	3.1	A
13	6.2	7.0	6.2	8.5	6.0	4.8	4.6	3.1	3.0	2.5	3.2	A
14	6.1	6.6	6.2	7.8	5.9	4.8	4.5	3.2	3.0	2.8	3.2	A
15	6.0	6.2	6.1	6.9	5.8	4.7	4.4	3.0	2.9	3.2	3.1	A
16	6.0	6.0	6.0	6.2	5.8	4.7	1.8	2.9	2.8	3.5	3.1	A
17	6.0	6.0	6.0	5.6	5.7	2.8	1.5	3.3	2.7	3.6	1.3	A
18	8.1	6.2	5.9	6.4	5.7	1.9	1.4	3.2	2.6	3.8	3.7	0.9
19	9.7	6.0	5.9	7.8	5.8	1.8	1.4	3.4	2.6	3.9	4.2	0.9
20	9.8	9.0	5.8	8.0	5.8	1.8	3.7	3.5	1.4	4.0	4.7	0.8
21	9.5	8.7	5.8	7.4	5.8	1.7	4.0	4.0	2.5	4.0	5.2	0.9
22	8.9	8.2	5.7	6.5	5.7	1.7	4.0	4.7	A	4.0	5.3	1.1
23	8.6	8.2	5.7	5.7	5.7	1.7	4.0	4.8	A	4.0	5.3	1.1
24	8.4	8.0	7.4	5.1	5.6	4.1	4.3	4.4	A	4.0	5.3	1.0
25	8.2	7.8	8.1	4.6	5.6	5.0	4.4	4.0	2.4	3.8	5.3	1.0
26	7.9	7.6	8.1	7.0	5.6	5.7	4.4	3.8	2.3	3.7	5.2	1.0
27	7.6	7.4	7.6	7.4	5.5	5.9	4.3	3.6	2.0	3.5	2.5	1.0
28	7.5	7.3	7.3	7.5	5.5	5.9	4.3	3.4	1.7	3.5	1.3	1.1
29	7.4		7.1	7.5	5.4	5.8	4.2	3.3	1.6	3.4	A	6.6
30	11.2		6.9	7.4	5.3	5.6	4.1	3.2	1.7	3.3	A	9.8
31	12.6		6.7		5.3		4.1	3.1		3.3		10.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN.	7.59	8.76	6.61	7.06	6.05	4.37	4.15	3.61				
MAX.	12.6	12.9	8.1	9.4	7.3	5.9	5.5	4.8				
MIN.	6.0	6.0	5.7	4.6	5.3	1.7	1.4	2.9				

A= NO RECORD

HIGHEST STAGE WAS 12.87 AT 700 A.M., FEB. 1.
LOWEST STAGE WAS 0.83 AT 200 A.M., DEC. 21.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.6	7.0	5.7	6.9	6.7	6.9	6.0	4.4	3.0	3.6	2.6	6.3
2	6.6	8.1	5.6	6.9	6.6	6.8	5.8	4.4	3.0	3.5	2.6	6.7
3	6.6	9.2	5.5	7.2	6.5	6.7	5.7	4.4	3.0	3.4	2.6	6.0
4	6.9	9.3	5.5	10.4	6.4	6.6	5.5	4.4	2.9	3.4	2.6	5.8
5	6.8	8.9	5.4	11.0	6.4	6.6	5.4	4.4	2.9	3.3	2.6	5.0
6	6.9	8.5	5.3	10.5	6.3	6.4	5.3	4.5	3.0	3.2	2.6	4.1
7	7.1	8.2	5.3	9.8	6.2	6.3	5.3	4.5	3.0	3.2	2.6	3.5
8	6.9	7.8	5.3	8.7	6.2	6.1	5.2	4.6	2.9	3.4	2.6	3.0
9	6.8	7.6	5.2	7.2	6.1	6.0	5.2	4.6	2.9	3.4	2.6	2.7
10	6.8	7.4	5.2	5.7	6.1	5.9	5.2	4.6	2.9	3.2	2.6	2.5
11	6.8	7.2	5.2	7.0	6.2	5.8	5.4	4.5	2.9	3.3	2.6	2.3
12	6.7	7.1	5.8	7.4	6.3	5.7	5.6	4.4	2.9	3.3	2.6	2.2
13	6.6	7.0	5.7	7.3	6.4	5.6	5.5	4.4	2.8	3.2	2.6	2.1
14	6.5	6.9	5.6	7.3	9.1	5.6	5.3	4.4	2.8	3.2	2.5	2.1
15	6.4	6.8	5.5	7.3	9.4	5.5	5.2	4.4	2.8	3.1	2.1	2.0
16	6.3	6.7	5.6	7.2	10.6	5.4	5.1	4.4	2.8	3.0	0.9	1.9
17	6.2	6.7	5.6	7.0	11.2	5.5	4.9	4.3	2.8	3.0	0.8	1.9
18	6.2	6.6	5.5	6.9	11.3	5.5	4.8	4.2	3.0	3.1	0.7	1.9
19	6.4	6.5	5.5	6.8	11.3	5.4	4.7	4.2	3.2	3.2	0.7	1.9
20	6.8	6.4	5.5	6.7	11.0	5.4	4.7	4.2	3.5	3.3	0.7	1.8
21	7.0	6.4	9.1	6.7	10.4	5.3	4.7	4.1	3.0	3.1	0.7	1.8
22	7.2	6.3	9.8	6.8	9.4	5.2	4.6	4.1	2.9	3.1	0.7	5.6
23	7.7	6.2	9.8	7.0	8.2	5.2	4.6	4.0	2.9	3.0	0.7	7.1
24	7.8	6.2	9.3	7.4	7.1	5.2	4.5	3.8	3.0	E 2.9	0.7	6.9
25	7.5	6.1	8.6	7.5	6.3	5.3	4.4	3.7	2.9	E 2.8	0.7	5.9
26	7.1	6.0	7.9	7.4	5.9	5.3	4.3	3.5	3.4	E 2.8	0.6	4.8
27	6.7	5.9	7.5	7.3	5.5	6.4	4.4	3.4	3.6	E 2.7	1.3	6.1
28	6.4	5.8	7.2	7.1	7.5	7.0	4.3	3.3	3.7	E 2.6	4.8	7.6
29	6.3	5.7	7.1	7.0	7.6	6.8	4.4	3.2	3.8	2.6	6.4	8.3
30	6.2		4.0	6.8	7.4	6.4	4.4	3.2	3.7	2.6	6.2	8.3
31	6.7		6.9		7.1		4.4	3.1		2.7		7.9

THE FOLLOWING REFER ONLY TO READINGS APPPEARING IN THE TABLE ABOVE

MEAN	6.75	7.04	6.34	7.53	7.69	5.92	4.98	4.11	3.06	3.09	2.16	4.38
MAX.	7.8	9.3	9.8	11.0	11.3	7.0	6.0	4.6	3.8	3.6	6.4	8.3
MIN.	6.2	5.7	4.0	5.7	5.5	5.2	4.3	3.1	2.8	E 2.6	0.6	1.8

E- ESTIMATED

HIGHEST STAGE WAS 11.33, MAY 18.
LOWEST STAGE WAS 0.64, NOV. 26.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35°32'02", LONG. 90°25'29". U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.21).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET DAILY EIGHT A.M. STAGE

IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.4	1.6	1.3	5.2	5.5	7.4	5.3	5.7	3.8	4.4	4.6	1.9
2	4.8	1.8	1.3	5.1	7.5	7.2	5.4	6.2	3.8	4.3	4.6	2.7
3	3.8	2.1	1.3	5.1	7.3	6.8	5.4	6.6	3.6	4.2	4.5	6.8
4	3.3	2.0	1.3	5.1	6.6	6.6	5.5	6.1	3.5	4.2	4.5	6.8
5	3.0	1.8	1.3	5.1	6.0	6.4	5.5	6.1	3.5	4.1	4.5	6.1
6	2.7	1.7	2.8	5.0	5.7	6.2	7.1	5.5	3.5	4.0	4.4	4.9
7	2.5	1.7	7.1	5.0	5.8	6.0	8.4	5.3	3.5	3.9	4.4	3.8
8	2.4	1.6	7.7	4.9	5.9	5.8	8.8	5.3	3.5	3.9	4.3	3.2
9	2.2	1.6	7.0	4.9	5.8	5.6	8.5	5.1	3.5	3.9	4.2	5.4
10	2.1	1.6	5.7	4.9	5.7	5.6	8.0	5.0	3.7	3.8	4.2	6.4
11	2.0	1.5	4.5	4.9	5.5	5.5	7.6	4.9	3.7	3.8	4.2	6.5
12	2.0	1.5	3.9	4.9	5.4	5.4	7.2	4.8	3.8	3.6	4.3	7.6
13	1.9	1.5	3.5	4.9	5.3	5.4	6.9	4.8	3.8	3.5	4.4	7.3
14	1.9	1.5	3.2	5.0	5.5	5.3	6.6	4.8	3.8	3.4	4.5	6.9
15	1.9	1.5	3.0	4.9	6.9	5.2	6.4	4.7	3.8	3.4	4.5	6.7
16	1.9	1.4	2.8	4.9	7.9	3.0	6.2	4.7	4.0	3.5	4.6	6.7
17	1.8	1.4	2.5	4.8	7.8	5.0	6.0	4.6	4.2	4.1	4.6	6.6
18	1.7	1.4	5.0	4.8	6.9	5.1	5.8	4.5	4.2	5.0	4.6	8.1
19	1.7	1.4	5.7	2.9	8.1	5.1	5.7	4.5	4.1	5.3	2.2	8.3
20	1.7	1.5	5.7	1.8	8.7	5.4	5.6	4.5	4.0	5.4	1.5	8.0
21	1.7	1.5	5.7	1.7	8.3	5.8	5.5	4.5	3.9	5.3	1.5	7.9
22	1.7	1.4	5.6	1.7	8.0	6.1	5.4	4.5	4.4	5.3	1.5	8.5
23	1.6	1.4	5.5	1.7	7.7	5.9	5.3	4.4	4.6	5.2	1.5	8.4
24	1.6	1.4	5.4	1.7	7.5	5.7	5.3	4.3	4.7	5.2	1.5	8.1
25	1.6	1.3	5.3	1.7	7.3	5.6	5.2	4.2	4.8	5.1	1.4	7.6
26	1.6	1.3	5.2	2.1	7.1	5.5	5.6	4.1	4.8	5.0	1.4	7.3
27	2.3	1.4	5.4	5.0	6.9	5.4	6.0	4.0	4.7	5.0	1.4	7.1
28	2.0	1.3	5.4	5.1	6.8	5.3	5.8	4.1	4.7	4.9	1.4	7.0
29	1.8		5.4	5.0	6.6	5.2	7.4	4.1	4.6	4.8	1.4	6.8
30	1.7		5.3	5.0	6.5	5.2	7.2	3.9	4.5	4.7	1.9	6.7
31	1.6		5.2		6.5		6.3	3.8		4.6		6.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

	MEAN	1.53	4.38	4.15	6.73	5.65	6.34	4.82	4.02	4.40	3.27	6.53
MAX.	6.4	2.1	7.7	5.2	8.7	7.4	8.8	6.6	4.8	5.4	4.6	8.5
MIN.	1.6	1.3	1.3	1.7	5.3	3.0	5.2	3.8	3.5	3.4	1.4	1.9

HIGHEST STAGE WAS 8.82, AT 800 A.M. JULY 8
LOWEST STAGE WAS 1.32, MAR. 3

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.8	6.2	7.3	5.3	8.2	7.5	5.1	4.9	4.6	4.0	3.9	0.8
2	7.8	6.3	7.3	5.3	8.6	7.3	5.1	4.9	4.6	4.2	3.9	0.8
3	10.6	6.4	7.2	5.3	7.7	7.1	5.2	5.3	4.5	4.2	3.9	0.8
4	11.1	6.4	7.1	5.2	6.7	6.9	5.2	5.2	4.5	4.2	3.8	0.8
5	11.1	6.3	7.0	5.2	5.9	6.8	5.1	4.9	4.5	4.2	3.8	0.9
6	11.2	6.3	6.9	5.2	7.8	6.6	5.0	4.7	4.4	4.2	3.8	0.9
7	11.3	6.3	6.8	5.2	7.9	6.6	5.0	4.6	4.3	4.2	3.8	0.9
8	11.2	6.3	6.7	5.1	7.8	6.5	4.9	4.6	4.3	4.2	3.8	0.9
9	10.8	6.3	6.6	5.1	7.6	6.5	4.9	4.5	4.2	4.2	3.7	1.0
10	10.2	9.6	6.5	5.1	7.4	6.4	4.9	4.5	4.2	4.2	3.9	2.2
11	9.8	11.7	6.4	5.1	7.3	6.3	4.8	4.4	4.2	4.2	4.0	2.6
12	9.4	11.9	6.3	5.1	7.3	6.2	4.8	4.9	4.1	4.2	4.1	2.3
13	9.1	11.1	6.2	5.1	7.3	6.1	4.7	5.3	4.1	4.2	4.0	1.8
14	8.8	9.8	6.1	5.1	7.3	6.1	4.7	5.3	4.1	4.2	4.0	1.7
15	8.5	8.4	6.1	5.1	7.1	6.3	4.6	5.3	4.1	4.2	4.0	1.6
16	8.2	7.3	6.0	5.0	7.9	6.2	4.6	5.0	4.0	4.2	3.9	1.6
17	8.0	6.5	5.9	5.0	10.3	6.1	4.6	6.9	4.0	4.2	3.9	1.5
18	7.7	5.9	5.9	5.0	10.7	6.0	4.6	8.8	3.9	4.2	3.9	1.4
19	7.6	5.4	5.8	5.1	11.1	6.0	4.6	7.4	4.1	4.2	3.9	1.3
20	7.4	7.3	5.8	5.1	10.6	5.9	4.6	5.6	4.1	4.2	3.9	1.3
21	7.3	7.5	5.7	7.2	9.5	5.8	4.5	4.0	4.1	4.2	3.9	1.2
22	7.2	7.4	5.7	6.6	8.1	5.7	4.4	5.4	4.1	4.1	3.9	1.2
23	7.1	7.2	5.6	6.2	6.9	5.5	4.4	5.7	4.1	4.1	3.8	1.2
24	7.0	7.2	5.6	7.4	6.7	5.4	4.4	5.5	4.0	4.1	4.1	1.2
25	6.9	7.1	5.6	9.8	8.1	5.5	5.1	5.3	4.1	4.1	4.1	1.2
26	6.8	7.1	5.5	10.9	8.5	5.4	5.4	5.1	4.0	4.0	A	1.1
27	6.7	7.1	5.5	10.8	7.8	5.4	5.3	5.0	3.9	3.9	A	1.1
28	6.6	7.2	5.5	10.2	6.8	5.3	5.3	4.8	3.9	3.9	A	7.1
29	6.5	5.4	9.2	8.2	5.2	5.3	4.8	3.8	3.9	0.9	8.9	8.9
30	6.4	5.4	8.0	8.2	5.2	5.2	4.7	3.8	3.8	0.9	8.7	8.7
31	6.3		5.4		7.9		5.0	4.7		3.9		7.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	8.36	7.47	6.14	6.29	8.03	6.12	4.87	5.22	4.14	4.11		2.18
MAX.	11.3	11.9	7.3	10.9	11.1	7.5	5.4	8.8	4.6	4.2		8.9
MIN.	4.8	5.4	5.4	5.0	5.9	5.2	4.4	4.0	3.8	3.8		0.8

A= NO RECORD

HIGHEST STAGE WAS 11.96 FROM 100 TO 400 A.M., FEB. 12.
LOWEST STAGE WAS 0.81, DEC. 3 AND 4.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02. LONG. 90-25-29. ON U.S. HIGHWAY 63 BRIDGE, MILE 148.0, AT MARKED TREE, ARK.

GAGE. RECORDER ON BRIDGE. GAGE IS READ AND MAINTAINED BY U.S. GEOLOGICAL SURVEY.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOW AFFECTED BY OPERATION OF WAPPAPELLO RESERVOIR AND SIPHONS OVER LEVEE, SEVEN MILES UPSTREAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. PUBLISHED ALSO BY U.S. WEATHER BUREAU. DISCHARGE, COMPUTED DAILY BY U.S. GEOLOGICAL SURVEY, JULY 1934 TO DATE. DISCHARGE PUBLISHED IN RECORDS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET [FROM WATERMARK] ON APR. 4, 1897. AN ESTIMATED CREST OF 25.1 FEET OCCURRED IN APRIL, 1913. LOWEST, MINUS 0.3 FOOT ON OCT. 6, 7, 10 AND 11, 1943, AND ON VARIOUS DATES IN SEPT. AND OCT., 1954. MAXIMUM, 7,120 CFS COMPUTED FOR 6 AND 7, 1937 [STAGE, 18.88]. DISCHARGE NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS COMPUTED FOR OCT. 13, 1941 [STAGE, -0.21].

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.9	6.1	7.9	10.0	.63	5.2	4.9	4.5	3.0	5.7	4.8	5.3
2	2.7	6.0	7.9	9.4	6.2	5.2	4.9	4.5	3.2	5.7	4.8	5.2
3	3.0	6.0	7.7	9.2	6.0	5.1	4.8	4.4	3.2	5.7	4.8	5.1
4	2.6	5.9	7.5	9.6	6.0	5.0	4.8	4.3	3.2	5.6	4.7	5.1
5	2.5	5.9	7.4	10.4	5.9	5.0	5.5	4.3	3.4	5.5	4.7	5.0
6	2.5	5.8	7.7	10.5	5.8	5.0	5.8	4.2	3.5	5.5	4.7	5.0
7	2.4	5.8	7.7	10.5	5.7	5.0	6.1	4.2	3.6	5.5	4.7	4.9
8	2.3	5.8	7.7	9.9	5.6	5.0	5.8	4.3	3.5	5.5	4.7	4.9
9	3.7	5.7	7.5	8.9	5.6	5.0	5.6	4.4	3.4	5.5	4.7	4.8
10	7.7	8.0	7.3	7.9	5.5	4.9	5.5	4.4	3.2	5.5	4.7	4.8
11	8.6	9.7	7.1	7.0	5.5	5.0	5.5	4.3	4.9	5.5	4.6	4.8
12	8.5	11.7	7.0	6.3	5.5	5.1	5.5	4.2	7.9	5.4	4.6	4.8
13	7.5	11.9	6.9	5.6	5.4	5.1	5.3	4.1	8.7	5.4	4.6	4.8
14	6.4	11.6	6.8	7.5	5.4	5.4	5.2	4.0	8.5	5.4	4.7	4.8
15	7.8	11.0	6.7	7.6	5.4	6.1	5.1	3.9	7.9	5.4	4.8	4.8
16	8.0	9.8	6.6	7.5	5.4	6.5	5.0	3.8	7.8	6.7	4.7	4.8
17	7.8	8.3	6.9	7.3	5.4	6.4	5.0	3.8	7.6	6.9	4.7	4.8
18	7.6	7.2	7.3	7.1	5.3	6.1	4.9	3.7	7.1	6.9	4.6	4.8
19	7.4	6.5	7.2	7.0	5.3	5.8	4.9	3.6	6.7	6.7	4.6	4.8
20	7.2	5.9	6.8	6.9	5.3	5.6	4.8	3.5	6.4	6.6	4.6	4.8
21	7.1	5.5	6.5	6.8	5.2	5.5	4.8	3.4	6.3	6.4	4.6	4.8
22	6.9	5.0	6.4	6.8	5.2	5.4	4.7	3.4	6.4	6.2	4.8	4.7
23	7.2	7.2	6.3	6.7	5.2	5.3	4.7	3.3	7.2	6.1	5.3	4.7
24	7.3	7.5	6.2	6.6	5.1	5.3	4.6	3.5	6.9	5.9	6.2	4.7
25	7.1	7.5	6.2	6.6	5.1	5.2	4.6	3.4	6.6	5.3	6.6	4.7
26	6.8	7.4	7.4	6.5	5.0	5.2	4.7	3.4	6.4	5.0	6.6	4.7
27	6.6	7.5	7.7	6.5	5.1	5.1	4.8	3.3	6.2	5.0	6.5	4.7
28	6.5	7.7	7.3	6.4	5.2	5.0	4.8	3.3	6.0	4.9	6.4	4.7
29	6.3		7.3	6.4	5.2	5.0	4.7	3.3	5.9	4.9	6.2	4.7
30	6.2		9.5	6.3	5.2	5.0	4.7	3.2	5.8	4.8	5.5	4.7
31	6.2		10.2		5.2		4.6	3.0		4.8		4.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	5.91	7.50	7.31	7.72	5.28	5.32	5.05	3.84	5.68	5.67	5.08	4.84
MAX.	8.6	11.9	10.2	10.5	6.2	6.5	6.1	4.5	8.7	6.9	6.6	5.3
MIN.	2.3	5.0	6.2	5.6	.63	4.9	4.6	3.0	3.0	4.8	4.6	4.7

HIGHEST STAGE WAS 11.9 ON FEB. 13.
LOWEST STAGE WAS 2.3 ON JAN. 8.

824

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. ON U.S. HIGHWAY 63 BRIDGE, MILE 148.0, AT MARKED TREE, ARK.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOW AFFECTED BY OPERATION OF WAPPAPELLO RESERVOIR AND SIPHONS OVER LEVEE, SEVEN MILES UPSTREAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. PUBLISHED ALSO BY U.S. WEATHER BUREAU. DISCHARGE, COMPUTED DAILY BY U.S. GEOLOGICAL SURVEY, JULY 1934 TO DATE. DISCHARGE PUBLISHED IN RECORDS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET [FROM WATERMARK] ON APR. 4, 1897. AN ESTIMATED CREST OF 25.1 FEET OCCURRED IN APRIL, 1913. LOWEST, MINUS 0.3 FOOT ON OCT. 6, 7, 10 AND 11, 1943, AND ON VARIOUS DATES IN SEPT. AND OCT., 1954. MAXIMUM, 7,120 CFS COMPUTED FOR 6 A.M. 7, 1937 [STAGE, 18.88]. DISCHARGE NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS COMPUTED FOR OCT. 13, 1941 [STAGE, -0.2].

DAILY EIGHT A.M. STAGE IN FEET FOR 1964

GAGE ZERO, 196.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	0.2	0.4	6.2	6.3	5.1	4.4	4.3	4.6	5.2	4.2	A
2	A	0.2	0.3	6.2	6.1	5.1	4.4	4.4	4.5	5.2	4.1	A
3	A	0.2	0.4	6.1	6.6	5.0	4.4	4.3	4.5	5.1	4.1	2.4
4	A	0.1	1.4	7.2	6.7	5.0	4.4	4.2	4.4	5.0	4.0	6.2
5	A	0.1	4.2	8.4	6.3	5.0	4.4	4.1	4.4	4.9	4.0	7.8
6	A	0.3	4.6	11.4	6.0	5.0	4.3	3.9	4.3	4.8	3.9	7.2
7	A	0.3	4.6	10.7	5.8	4.9	4.3	3.8	4.2	4.8	3.6	5.8
8	A	0.3	7.9	9.9	5.7	4.9	4.2	3.6	4.2	4.7	3.7	4.4
9	A	0.2	8.1	9.2	5.6	4.8	4.2	3.5	4.1	4.7	3.9	3.6
10	A	0.2	10.8	8.1	5.6	4.8	4.2	3.4	4.1	4.6	3.9	3.1
11	A	0.2	10.8	6.6	5.8	4.8	4.1	3.3	4.0	4.6	3.9	6.2
12	A	0.2	10.5	5.2	7.2	4.8	4.1	3.1	3.8	4.6	3.8	8.1
13	A	0.3	9.9	5.2	8.4	4.8	4.3	3.1	3.8	4.5	3.7	8.1
14	A	0.3	9.2	7.1	8.2	4.7	4.8	3.0	3.6	4.5	3.7	7.3
15	A	0.5	8.1	7.1	7.6	4.7	4.9	3.0	3.3	4.5	3.7	5.9
16	A	0.5	6.6	6.9	7.9	4.7	4.9	3.7	3.2	4.5	3.7	4.7
17	A	0.4	5.1	6.7	7.5	4.7	4.8	4.5	3.1	4.4	3.7	4.1
18	A	0.4	4.1	6.5	6.2	4.7	4.7	4.9	3.3	4.4	2.0	6.4
19	A	0.4	6.7	6.4	5.9	4.7	4.5	5.0	3.4	4.4	2.0	6.6
20	A	0.4	7.0	6.3	5.8	4.7	4.4	5.0	3.7	4.4	4.0	6.5
21	A	0.4	6.9	6.3	5.6	4.6	4.6	4.8	3.9	4.3	5.8	6.4
22	A	0.4	6.9	6.2	5.5	4.6	4.4	4.9	4.0	4.3	5.8	6.2
23	A	0.4	6.8	6.3	5.5	4.6	4.3	4.7	4.1	4.2	4.7	6.1
24	0.2	0.4	6.7	6.9	5.4	4.5	4.2	4.6	4.2	4.2	3.4	6.0
25	0.2	0.4	6.7	7.0	5.4	4.5	4.2	4.7	4.2	4.2	2.7	3.3
26	0.2	0.4	6.8	6.8	5.3	4.4	4.1	4.2	4.2	4.2	2.3	2.7
27	0.1	0.4	6.7	6.9	5.3	4.4	4.1	5.3	4.3	4.1	2.0	2.5
28	0.1	0.4	6.6	7.1	5.2	4.4	4.1	5.1	4.6	4.1	A	2.4
29	0.1	0.4	6.5	7.0	5.2	4.4	4.1	4.8	4.8	4.1	A	2.4
30	0.1		6.4	6.6	5.1	4.4	4.2	4.7	5.2	4.3	A	2.3
31	0.1		6.3		5.1		4.3	4.6		4.2		2.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	0.32	6.26	7.15	6.12	4.72	4.36	4.21	4.07	4.52
MAX.	0.5	10.8	11.4	8.4	5.1	4.9	5.3	5.2	5.2
MIN.	0.1	0.3	5.2	5.1	4.4	4.1	3.0	3.1	4.1

A- NO RECORD

HIGHEST STAGE WAS 11.43 AT 1100 A.M., APR. 6.

LOWEST STAGE WAS 0.11, JAN. 28.

U.S. GEOLOGICAL SURVEY.

1963

ST. FRANCIS RIVER
Marked Tree, Ark.

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)

Mile: 148.0

Lat.: 35° 32' 02" - Long.: 90° 25' 29"

USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 9.84 at 10:00 a.m. on 28 May.

Lowest: 0.12 on 1 November & 9 December.

Period of record: 1 August 1904 to date.

Highest for period of record: -0.30 on 6, 7, 10 & 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.8	*	0.6	5.3	5.0	6.4	5.2	4.2	3.7	2.7	0.1	0.2
2	0.8	*	0.7	5.2	4.9	6.3	5.1	4.2	3.7	2.2	0.1	0.2
3	0.8	0.6	0.6	5.2	4.9	6.1	5.0	4.2	3.6	2.0	0.2	0.2
4	0.7	0.6	0.7	5.2	4.9	6.0	5.0	4.1	3.6	2.0	0.2	0.2
5	0.8	0.6	6.8	5.2	5.4	5.9	4.9	4.1	3.6	2.0	3.3	0.2
6	0.8	0.6	8.6	5.1	5.2	5.8	4.9	4.1	3.7	2.0	3.2	0.2
7	0.8	0.6	7.8	5.2	5.0	5.7	4.8	4.0	3.7	2.0	2.5	0.2
8	0.7	0.6	6.7	5.1	4.8	5.6	4.8	4.0	3.7	2.0	2.1	0.2
9	0.7	0.6	7.2	5.1	4.8	5.5	4.8	4.0	3.6	2.0	2.1	0.1
10	0.7	0.6	6.8	5.0	4.7	5.4	4.7	3.9	3.6	2.0	2.0	0.1
11	0.7	0.6	6.6	5.0	4.7	5.4	4.6	3.9	3.4	*	2.0	0.2
12	0.7	0.6	7.1	5.0	4.6	5.4	4.6	3.8	3.3	*	2.0	0.3
13	0.7	0.6	7.1	4.9	4.6	5.3	4.6	3.8	3.1	*	2.0	0.3
14	0.7	0.6	6.6	4.9	4.6	5.3	4.6	3.6	3.1	*	1.9	0.2
15	0.7	0.6	6.3	4.9	4.5	5.4	4.6	3.6	3.0	*	1.9	0.2
16	0.7	0.6	6.1	4.9	4.5	5.7	4.6	3.6	3.0	*	0.5	*
17	0.7	0.6	6.1	4.9	4.5	6.6	4.5	3.7	3.1	*	0.2	*
18	0.7	0.6	6.0	4.9	4.5	6.5	4.5	3.7	3.3	3.1	2.8	*
19	0.7	0.6	6.0	4.9	4.5	6.1	4.5	3.8	2.0	2.9	2.9	0.1
20	0.7	0.6	6.0	4.8	4.4	5.8	4.5	3.9	1.9	2.3	2.5	*
21	0.7	0.6	6.0	4.8	4.4	6.0	4.5	4.0	3.6	1.9	2.4	*
22	0.7	0.6	5.9	4.8	4.4	5.8	4.5	4.0	3.7	0.5	2.3	*
23	0.7	0.6	5.8	4.7	4.4	5.6	4.5	4.0	3.7	0.2	2.4	*
24	0.7	0.6	5.8	4.7	4.4	5.4	4.4	4.0	3.7	0.2	2.4	*
25	0.7	0.6	5.7	4.7	4.4	5.4	4.4	4.0	3.6	0.2	2.4	*
26	0.7	0.6	5.6	4.7	6.4	5.3	4.4	4.0	3.4	0.2	2.4	*
27	0.7	0.6	5.6	4.7	9.0	5.3	4.3	3.9	3.2	0.2	2.4	*
28	0.7	0.6	5.5	4.8	9.84	5.2	4.3	3.9	3.0	0.2	0.7	*
29	0.7	0.6	5.5	4.9	8.3	5.2	4.3	3.9	2.9	0.1	0.3	*
30	0.6		5.4	5.0	6.6	5.2	4.3	3.8	2.8	0.1	0.2	*
31	0.6		5.3		5.1		4.3	3.8		0.2		*

8:00 a.m. readings

* No reading.

IMM 21

Feb 6th

1962

ST. FRANCIS RIVER
Marked Tree, Ark.

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)
Mile: 148.0
Lat.: 35° 32' 02" - Long.: 90° 25' 29"
USWB and USGS gage

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 13.90 at 8:00 a.m. on 28 February
Lowest: L. W. record incomplete
Period of record: 1 August 1904 to date
Highest: for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in September and October 1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.9	7.9	13.6	11.0	7.6	5.2	3.2	4.4	*	4.6	4.6	4.4
2	2.8	7.7	13.4	11.0	8.3	5.2	5.2	4.3	*	4.7	4.6	*
3	2.7	7.5	13.1	10.7	8.4	5.5	5.4	4.3	3.8	4.7	4.6	*
4	5.4	7.3	12.8	9.9	8.0	5.7	5.3	4.3	4.0	4.7	4.6	*
5	6.0	7.2	12.3	8.9	7.5	5.5	5.2	4.3	4.2	4.6	4.6	*
6	6.4	7.1	11.6	7.9	7.2	5.4	5.4	4.3	4.3	4.6	4.6	*
7	6.3	6.9	11.0	7.1	7.0	5.3	5.4	4.3	4.4	4.6	4.5	*
8	6.2	6.9	10.4	6.4	6.8	5.2	5.3	4.3	4.3	4.6	4.6	*
9	6.2	6.8	10.3	7.9	6.7	5.3	5.2	4.2	4.3	4.6	4.5	*
10	6.2	6.8	10.4	8.1	6.6	5.3	5.1	4.2	4.5	4.5	4.5	*
11	6.2	6.8	11.0	8.1	6.5	5.2	5.1	4.1	4.5	4.5	4.5	*
12	6.2	6.7	10.7	8.4	6.4	5.4	5.0	4.1	4.5	4.5	4.5	*
13	6.2	6.7	10.2	8.8	6.3	5.5	5.0	4.1	4.5	4.5	4.5	*
14	6.2	6.6	9.5	8.8	6.2	5.5	4.9	4.0	4.5	5.1	4.5	*
15	8.4	6.5	8.8	8.5	6.1	5.4	4.8	4.0	4.6	5.0	4.4	*
16	9.4	6.5	8.2	8.3	6.0	5.3	4.8	4.0	6.2	5.0	4.4	*
17	9.4	6.5	7.5	8.1	6.0	5.2	4.7	4.0	7.9	4.9	4.4	*
18	8.9	6.4	6.9	7.9	5.9	5.1	4.7	3.9	7.8	4.9	4.4	*
19	8.4	6.4	6.3	7.8	5.8	5.0	4.7	3.9	7.2	4.8	4.4	*
20	7.8	6.3	7.8	7.6	5.7	5.0	4.6	3.7	6.5	4.8	4.4	*
21	7.5	6.2	8.6	7.5	5.7	5.0	4.6	3.6	6.0	5.0	4.4	*
22	8.2	6.2	9.0	7.3	5.6	5.0	4.6	3.5	5.7	4.9	4.4	*
23	10.8	6.4	9.1	7.2	5.6	4.9	4.5	3.3	5.5	4.8	4.4	*
24	11.1	10.0	8.8	7.1	5.5	4.9	4.5	2.1	5.3	4.8	4.4	*
25	10.9	10.7	8.6	7.0	5.4	5.0	4.6	*	5.3	4.7	4.4	*
26	10.4	11.8	9.3	6.8	5.4	6.3	4.6	*	5.1	4.7	4.4	*
27	10.0	13.4	9.7	6.7	5.3	8.2	4.5	*	5.0	4.7	4.4	*
28	9.6	13.90	9.5	6.6	5.3	7.1	4.4	*	4.9	4.7	4.4	*
29	9.1		9.1	6.6	5.2	5.1	4.4	*	4.8	4.6	4.4	*
30	8.6		6.8	6.6	5.2	3.9	4.4	*	4.8	4.6	4.4	*
31	8.2		10.2		5.2		4.4	*		4.6		*

8:00 a.m. readings
IMS 21 *no gage height record
June 62

1961

**ST. FRANCIS RIVER
MARKED TREE, ARK.**

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)

Mile: 148.6

Lat.: 35° 32' 02" - Long.: 90° 25' 29"

USW& USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.09 on 11 May.

Lowest: 0.43 on 26 October.

Period of record: 1 August 1904 to date.

Highest for period of record: 25.1 in April 1913.

Lowest for period of record: -6.30 on 6, 7, 10 and 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.9	4.8	6.8	10.3	6.7	7.6	5.5	4.9	4.4	3.7	3.1	3.3
2	2.1	4.8	6.7	10.6	6.7	7.4	5.5	4.8	4.3	3.6	2.7	3.0
3	2.3	4.9	6.5	10.5	6.6	7.2	5.5	4.8	4.3	3.3	3.2	2.7
4	5.0	4.8	6.4	10.0	6.6	7.0	5.4	5.2	4.2	3.0	3.5	2.5
5	5.4	4.8	6.4	9.4	6.5	6.8	5.4	5.0	4.2	0.9	3.8	2.4
6	5.4	4.8	7.3	8.9	6.9	6.7	5.3	4.5	1.7	0.7	3.8	2.3
7	5.3	4.8	8.6	8.4	8.0	6.7	5.2	4.8	1.2	0.6	3.9	2.2
8	5.3	5.6	9.9	8.1	8.4	6.7	5.2	4.7	3.9	0.6	3.9	2.1
9	5.2	5.7	10.2	7.8	10.2	6.6	5.2	4.7	4.1	0.6	3.9	4.5
10	5.2	5.6	10.2	7.6	10.9	6.8	5.2	4.7	4.1	0.6	3.8	9.0
11	5.1	5.4	9.7	7.4	11.1	7.7	5.1	4.7	4.0	0.6	3.8	9.7
12	5.1	5.3	9.1	8.0	10.9	7.9	5.1	4.6	4.0	3.6	3.8	9.9
13	5.1	5.2	9.4	8.4	10.4	7.7	5.1	4.6	3.9	3.7	3.7	9.3
14	5.1	5.2	9.9	8.4	9.8	7.3	5.1	4.6	3.9	3.5	3.6	8.6
15	5.1	5.2	9.9	8.4	9.2	7.0	5.0	4.5	3.9	3.1	3.7	7.5
16	5.2	5.1	9.5	9.6	8.8	6.8	5.0	4.5	3.9	2.7	4.0	6.2
17	5.2	5.1	8.9	9.6	8.5	6.6	5.0	4.5	3.8	0.9	2.7	8.3
18	5.2	5.2	8.6	9.2	8.2	6.5	5.0	2.7	3.8	0.7	2.1	9.2
19	5.3	5.1	8.4	8.6	8.1	6.3	4.9	1.6	3.7	3.2	1.6	8.0
20	5.2	5.1	8.2	8.1	8.0	6.2	4.9	4.1	3.6	3.3	1.4	8.2
21	5.2	5.7	8.1	7.8	8.0	6.1	4.9	4.4	3.5	2.8	1.3	6.9
22	5.1	7.2	7.9	7.5	8.0	6.1	4.8	4.4	3.4	1.0	1.6	5.6
23	5.1	7.7	7.8	7.3	8.2	6.0	4.8	4.4	2.3	0.7	8.5	4.7
24	5.6	7.4	7.7	7.1	8.3	5.9	4.8	4.4	3.3	0.6	9.6	4.2
25	5.6	7.4	7.6	7.0	8.4	5.8	4.8	4.4	3.3	0.5	8.1	3.9
26	5.6	7.2	7.5	6.9	8.3	5.8	4.9	4.4	3.2	0.5	8.3	3.6
27	5.0	6.8	7.7	6.8	8.3	5.7	5.0	4.4	3.2	0.5	7.5	3.4
28	5.6	6.7	7.9	6.8	8.2	5.6	5.0	4.4	1.0	0.4	6.5	3.3
29	4.9		7.8	6.7	8.1	5.6	5.1	4.3	0.8	3.5	5.2	3.2
30	4.9		7.7	6.6	8.0	5.6	5.0	4.3	3.5	3.7	4.0	3.1
31	4.9		8.9		7.8		5.0	4.3		3.5		3.0

8:00 a.m. readings.

1960

ST. FRANCIS RIVER
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)

Mile: 148.0

Lat.: $35^{\circ} 32' 02''$ - Long.: $90^{\circ} 25' 29''$

USWB and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 8.00 on 8 March.

Lowest: 0.50 on 27, 28 October.

Period of record: 1 August 1904 to date.

Highest for period of record: 25.1 in April 1913.

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.7	5.8	5.7	7.4	5.3	6.3	5.3	4.7	2.4	3.7	4.5	0.8
2	5.8	5.8	5.7	7.6	5.3	6.2	5.4	4.6	2.4	3.6	4.6	0.9
3	5.7	5.8	5.8	7.7	5.4	6.0	5.4	4.6	2.3	3.6	4.7	1.0
4	5.8	5.8	5.8	7.8	5.3	6.0	5.4	4.6	3.3	3.6	M	1.0
5	5.6	5.7	5.9	7.8	5.1	5.8	5.4	4.7	3.6	3.2	M	1.0
6	5.6	5.8	5.9	7.9	5.0	5.9	5.4	4.6	4.0	3.1	M	1.0
7	5.6	5.7	5.9	7.4	5.1	5.8	5.0	4.6	4.1	2.6	2.2	1.2
8	5.7	5.6	5.9	7.4	5.0	M	4.8	4.6	4.0	2.3	1.0	1.8
9	5.6	5.6	5.9	7.0	5.0	M	4.6	4.6	3.6	2.0	1.0	1.9
10	5.7	5.7	6.0	6.8	5.1	M	3.5	4.5	4.2	3.0	0.9	2.0
11	5.7	5.6	6.1	6.4	5.0	M	3.0	4.5	5.0	3.2	6.6	2.0
12	5.7	5.7	6.3	6.4	5.1	M	2.5	4.6	5.1	3.5	7.0	2.1
13	5.7	5.8	6.3	6.4	5.0	M	2.3	4.5	5.2	3.3	6.0	2.3
14	5.6	5.8	6.3	M	5.0	5.4	2.3	4.5	4.9	3.4	5.0	2.4
15	5.7	5.8	6.4	M	5.1	5.4	2.3	4.5	4.7	3.0	5.1	2.5
16	5.7	5.8	7.0	M	5.2	5.3	2.0	4.6	4.6	2.5	5.3	2.6
17	5.7	5.9	7.6	6.0	5.2	5.2	2.0	4.5	4.6	2.0	5.0	2.6
18	5.6	5.8	8.00	6.0	5.2	5.2	2.1	4.5	4.5	1.5	3.5	3.7
19	5.6	5.8	7.5	5.8	5.1	5.3	2.0	4.5	4.5	1.0	2.5	2.8
20	6.0	5.7	7.6	5.6	5.0	5.4	2.0	4.5	4.5	0.9	2.0	2.9
21	6.2	5.7	7.6	5.6	5.4	5.4	1.9	5.0	4.3	0.8	2.0	3.0
22	6.3	5.7	7.5	5.5	6.5	5.3	1.9	5.1	4.2	0.8	1.5	2.9
23	6.3	5.7	7.4	5.4	7.9	5.2	4.0	5.2	4.0	0.7	1.0	3.0
24	6.4	5.8	7.5	5.5	7.5	5.1	4.0	5.0	3.9	0.6	0.9	3.0
25	6.2	5.7	7.5	5.6	7.0	5.1	4.1	5.0	4.0	0.6	0.8	3.1
26	6.0	5.8	7.4	5.6	6.6	5.0	4.5	4.8	3.9	0.6	0.8	2.9
27	5.9	5.8	7.5	5.5	6.8	4.9	4.5	4.8	3.6	0.50	0.7	2.8
28	5.9	5.8	7.6	5.3	6.8	4.9	4.6	4.7	3.5	0.50	0.6	2.8
29	5.9	5.7	7.6	5.2	6.4	5.2	4.7	4.7	3.6	0.6	0.6	2.9
30	5.9		7.5	5.3	6.4	5.1	4.7	4.8	3.5	1.1	0.6	2.9
31	5.9		7.4		6.3		4.6	3.3		3.5		3.0

7:00 a. m. readings

1959
ST. FRANCIS RIVER
MARKED TREE, ARK.

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)

Mile: 118.0

Lat.: 35° 32' 02" - Long.: 90° 25' 29"

USWB and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.80 on 16 February.

Lowest: 1.50 on 5-7, 13, 14 January.

Period of record: 1 August 1904 to date.

Highest for period of record: 25.1 in April 1913.

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.7	6.3	6.0	6.0	5.1	5.5	4.6	4.3	4.1	4.2	4.6	4.9
2	1.7	6.3	5.6	6.0	5.0	5.5	4.6	4.2	4.1	4.3	4.5	-
3	1.7	6.3	5.0	5.9	5.0	5.4	4.6	4.1	4.1	4.2	4.5	2.3
4	1.7	6.3	4.7	5.8	5.0	5.1	4.6	4.1	4.1	4.2	4.5	2.4
5	1.5	6.3	6.9	5.7	5.0	4.9	4.6	4.1	4.2	4.3	4.5	2.1
6	1.5	6.2	7.8	5.7	5.0	4.9	4.6	4.0	4.2	4.4	4.6	2.3
7	1.5	6.1	7.5	5.7	5.0	4.9	4.6	4.1	4.0	4.4	4.5	2.2
8	1.8	6.1	7.3	5.5	5.0	4.8	4.5	4.2	4.0	4.5	4.5	2.0
9	2.0	6.1	7.0	5.7	5.0	4.8	4.7	4.1	3.9	4.4	4.5	2.1
10	1.8	6.5	6.9	5.7	5.0	5.0	4.9	4.0	3.9	4.3	4.6	2.0
11	1.8	6.0	6.8	5.7	4.9	5.3	4.9	4.0	3.9	4.4	4.5	3.9
12	1.6	6.0	6.8	5.6	5.0	5.7	4.7	4.0	3.9	4.4	4.6	3.9
13	1.5	6.6	6.7	5.6	5.0	5.6	4.6	3.9	3.9	4.3	4.7	4.0
14	1.5	10.6	6.6	5.7	5.0	5.6	4.6	3.9	3.9	4.5	4.9	4.1
15	1.9	11.1	6.5	5.4	4.9	5.5	4.4	4.0	4.1	4.4	5.1	5.3
16	2.1	11.8	6.4	5.4	4.9	5.4	4.4	3.9	4.2	4.5	5.1	5.5
17	2.1	11.5	6.3	5.4	4.9	5.2	4.3	3.8	4.0	4.4	5.0	6.0
18	2.1	11.3	6.2	5.4	4.9	5.0	4.1	3.8	3.9	4.4	5.1	6.3
19	1.7	11.1	6.2	5.4	4.9	4.9	4.5	3.8	3.8	4.5	5.2	6.1
20	3.2	10.7	6.1	5.4	4.9	4.8	4.4	3.8	3.9	4.3	5.2	5.9
21	5.0	9.8	6.2	5.4	4.8	4.7	4.2	3.8	3.8	4.4	5.3	5.9
22	6.0	7.8	6.4	5.3	4.8	4.7	4.2	3.8	3.8	4.5	5.2	5.8
23	6.8	9.4	6.5	5.2	4.8	4.7	5.1	3.8	3.7	4.4	5.3	5.7
24	6.5	9.5	6.3	5.1	4.8	4.7	5.1	3.8	3.3	4.5	5.2	5.7
25	6.0	9.4	6.2	5.1	4.8	4.7	4.8	3.8	3.0	4.5	5.1	5.8
26	4.8	8.3	6.2	5.1	4.8	4.8	4.7	3.8	3.0	4.5	5.0	5.7
27	6.8	7.5	6.1	5.0	4.8	4.7	4.5	4.0	3.3	4.4	4.9	5.7
28	6.7	6.7	6.0	5.1	4.8	4.8	4.5	4.0	4.0	4.5	4.8	5.8
29	6.5		6.0	5.1	4.9	4.6	4.5	3.9	4.3	4.6	4.8	5.6
30	6.4		6.0	5.1	5.4	4.6	4.5	3.8	4.2	4.6	4.9	5.6
31	6.4		6.0		5.5		4.3	3.8		4.5		5.7

7:00 a.m. readings.

1958
ST. FRANCIS RIVER
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)

Mile: 148.0

Lat.: 35° 32' 02" - Long.: 90° 25' 29"

USWB and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.90 on 26 March.

Lowest: 0.80 on 10-13 November.

Period of record: 1 August 1904 to date.

Highest for period of record: 25.1 in April 1913

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.4	8.5	7.9	10.0	9.8	6.7	5.4	5.7	4.5	4.8	4.2	2.4
2	5.1	8.2	7.9	9.7	10.4	6.6	5.3	5.6	4.6	4.8	4.2	2.4
3	4.9	7.9	7.5	9.5	11.6	6.5	5.3	5.5	4.5	4.8	4.6	2.4
4	4.8	7.7	7.2	10.4	11.2	6.3	5.3	5.6	4.5	4.7	4.0	2.2
5	4.6	7.5	6.9	10.4	11.2	6.2	5.3	5.5	4.5	4.7	4.0	2.2
6	4.5	7.6	6.8	10.2	11.0	6.0	5.3	5.7	4.5	4.7	4.0	2.2
7	4.4	10.0	6.9	10.0	10.6	5.9	6.0	5.7	4.5	4.5	0.9	2.1
8	4.1	8.5	7.9	9.7	10.1	5.8	9.0	5.7	4.5	4.5	1.0	2.0
9	4.1	8.2	8.7	9.4	10.5	5.8	8.9	5.6	4.5	4.5	1.0	2.0
10	4.0	8.0	9.4	9.1	11.5	5.7	8.2	5.6	4.5	4.5	0.8	2.0
11	6.6	7.7	9.4	8.9	11.7	5.7	7.2	5.6	4.6	4.5	0.8	2.0
12	6.9	7.5	8.9	8.4	11.6	5.6	6.1	5.6	4.5	4.5	0.8	2.0
13	7.2	7.2	8.6	8.5	11.2	5.6	7.4	5.5	4.3	4.5	0.8	1.9
14	7.3	7.1	8.5	8.2	10.7	5.5	7.4	5.5	4.3	4.5	1.0	1.9
15	7.4	7.1	8.3	8.1	10.0	3.9	7.2	5.5	4.3	4.4	3.6	1.8
16	7.4	6.9	8.1	8.0	9.4	2.7	6.9	5.5	4.3	4.4	3.6	1.8
17	7.0	6.9	7.8	7.9	8.7	2.5	6.7	5.5	4.3	4.4	3.5	1.8
18	6.8	6.8	8.5	7.8	8.2	5.2	6.4	5.1	4.4	4.4	3.9	1.8
19	7.1	6.8	8.6	7.5	7.6	5.4	6.2	5.0	4.4	4.4	5.0	1.7
20	7.1	6.8	8.6	7.4	7.2	5.5	5.9	5.0	4.8	4.4	4.9	1.7
21	10.5	6.5	8.1	7.3	6.7	5.5	5.9	4.9	5.4	4.3	4.0	1.7
22	11.5	6.4	7.9	7.3	8.2	5.5	6.0	4.9	5.6	4.3	3.7	1.6
23	11.7	6.2	8.9	7.2	8.4	5.5	5.8	5.8	5.5	4.3	3.3	1.6
24	11.8	4.0	10.9	7.1	8.3	5.5	6.4	5.8	5.4	4.3	2.8	1.6
25	11.6	3.5	11.7	8.2	8.2	5.5	6.7	5.8	5.3	4.3	2.7	1.6
26	11.1	5.8	11.9	7.8	8.0	5.6	6.7	5.4	5.1	4.2	2.6	1.6
27	10.7	7.1	11.8	8.1	7.7	5.6	6.6	4.8	4.9	4.2	2.5	1.6
28	10.2	7.8	11.4	8.4	7.5	5.5	6.0	4.8	4.8	4.2	2.5	1.6
29	9.8		10.9	8.7	7.3	5.4	5.8	4.7	4.8	4.2	2.6	1.5
30	9.4		10.6	9.5	7.1	5.4	5.8	4.7	4.8	4.2	2.6	1.5
31	8.9		10.3		6.9		5.8	4.7		4.2		1.5

7:00 a.m. readings

1957
ST. FRANCIS RIVER
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)
 Mile: 148.0
 Lat.: 35° 32' 02" - Long.: 90° 25' 29"
 USWB and USGS gage.

Automatic recording gage is on U. S. Highway # 63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 13.90 on 19-20 November

Lowest: 0.00 on 12-18 January

Period of record: 1 August 1901 to date

Highest for period of record: 25.1 in April 1913

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in Sept. and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.1	10.4	7.9	5.5	7.6	9.5	7.6	6.8	6.1	4.9	2.6	13.0
2	0.1	10.8	7.5	6.2	7.4	10.7	7.6	6.5	6.0	4.9	2.5	12.9
3	0.1	10.4	7.3	6.0	7.2	10.9	7.5	6.3	6.0	4.9	2.4	12.7
4	0.1	8.8	7.0	10.3	7.0	10.6	7.5	6.4	6.0	4.8	2.4	12.4
5	0.1	9.2	6.2	11.1	6.8	10.4	7.8	6.2	5.9	4.8	2.3	12.0
6	0.1	8.4	6.7	10.8	6.7	10.1	7.9	6.0	5.8	4.8	2.3	11.5
7	0.1	7.9	6.6	10.2	6.7	10.0	7.9	5.9	5.7	4.8	2.3	12.4
8	0.1	7.7	6.6	10.2	6.6	9.8	7.9	5.7	5.6	4.5	6.8	12.9
9	0.1	8.0	6.6	10.2	6.5	10.0	7.8	5.7	5.5	4.6	8.3	13.2
10	0.1	7.7	6.4	9.1	6.5	9.8	7.6	5.6	5.4	4.6	8.0	13.2
11	0.1	7.4	6.2	8.5	6.7	9.6	7.6	5.5	5.4	4.5	7.2	12.9
12	0.0	5.1	6.4	7.6	6.8	9.5	7.1	5.5	5.4	4.6	6.2	12.4
13	0.0	6.8	6.3	6.9	6.4	9.1	7.0	5.4	5.2	4.6	6.5	12.0
14	0.0	6.8	6.2	6.2	7.4	8.9	6.9	5.4	5.2	4.6	9.6	11.4
15	0.0	6.6	6.2	5.7	8.7	8.5	6.9	6.2	5.2	4.6	10.6	10.6
16	0.0	8.2	6.1	7.6	9.3	8.0	6.7	7.6	5.2	4.8	10.7	10.1
17	0.0	9.0	6.1	7.9	9.6	7.7	6.7	9.0	5.2	6.2	11.5	9.4
18	0.0	8.8	6.0	8.0	9.8	7.5	6.8	8.3	5.1	6.8	13.0	8.8
19	2.5	8.7	6.1	8.0	9.3	7.1	6.7	7.2	5.1	6.6	13.9	8.2
20	4.1	8.5	6.1	8.0	9.9	8.0	6.6	6.5	5.0	6.4	13.9	8.8
21	4.2	8.2	6.1	8.0	10.1	8.5	6.5	6.0	5.0	6.2	13.7	8.9
22	4.2	7.9	6.1	7.8	10.1	8.5	6.5	7.2	5.2	6.1	13.5	8.5
23	5.8	7.4	5.9	7.6	10.2	8.1	6.4	7.8	5.2	6.4	13.4	7.8
24	5.8	7.2	5.8	7.7	11.1	8.3	6.4	7.6	5.2	7.2	13.2	7.0
25	5.8	7.3	5.9	7.9	11.4	8.5	6.4	7.3	5.3	7.2	12.9	6.5
26	5.2	8.3	6.0	8.1	11.2	8.3	6.4	7.0	5.3	7.0	12.7	6.8
27	5.1	8.4	6.0	8.0	11.3	8.0	6.4	6.7	5.2	6.6	12.7	6.9
28	6.5	8.2	5.9	7.8	11.2	7.7	6.2	6.6	5.1	6.4	12.9	6.9
29	9.3		5.8	7.8	10.9	7.5	6.1	6.4	5.0	6.2	13.1	6.6
30	11.4		5.7	7.7	10.4	7.5	7.0	6.3	4.9	3.4	13.1	6.2
31	10.2		5.5		9.9			7.1	6.2		2.8	5.8

7:00 a.m. readings.

1956
ST. FRANCIS RIVER
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)

Mile: 148.0

Lat.: $35^{\circ}32'02''$ - Long.: $90^{\circ}25'29''$

USWB and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.20 on 20, 21 February

Lowest: -0.10 on 25-30 September

Period of record: 1 August 1904 to date

Highest for period of record: 25.1 in April 1913

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in Sept. and Oct. 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.4	8.2	6.5	5.5	7.0	6.5	4.8	3.9	3.6	3.4	0.0	0.0
2	0.4	8.6	5.9	5.4	7.1	5.4	4.8	3.9	3.6	3.4	3.0	0.0
3	0.4	9.5	5.3	5.1	6.8	5.3	4.8	3.9	3.5	3.2	0.0	0.0
4	0.4	9.3	4.8	5.8	6.5	5.1	4.8	3.9	2.8	2.5	0.0	0.0
5	0.4	8.8	4.4	5.8	6.1	5.1	4.5	3.9	2.5	2.3	0.0	0.0
6	0.4	8.0	6.6	6.0	5.8	5.0	4.5	3.8	2.7	2.3	0.0	0.0
7	0.4	6.9	6.9	6.1	5.6	5.0	4.5	3.5	2.7	0.0	0.0	0.0
8	0.4	6.1	7.1	6.1	5.5	4.9	4.4	3.4	2.5	0.0	0.0	0.0
9	0.4	5.5	6.8	5.6	5.1	4.8	4.4	3.2	2.1	0.0	0.0	0.0
10	0.4	5.8	6.6	5.6	5.3	4.7	4.4	3.2	2.0	1.5	0.0	0.0
11	0.2	5.3	6.3	5.7	5.2	4.6	4.4	0.5	2.3	1.3	0.0	0.0
12	0.2	5.0	6.5	6.0	5.1	4.5	4.2	0.2	2.0	0.0	0.0	0.0
13	0.2	4.5	6.4	5.9	5.1	4.4	4.2	0.2	0.4	0.0	0.0	0.1
14	0.2	4.0	7.4	5.8	5.0	4.6	4.2	0.2	0.2	0.0	0.0	0.1
15	0.2	4.3	7.6	5.9	5.4	4.6	4.2	0.2	0.2	0.0	0.0	0.1
16	0.2	5.3	7.4	6.2	5.6	4.6	4.1	3.2	0.2	0.0	0.0	0.0
17	0.2	7.3	7.3	6.2	5.4	4.6	4.0	3.7	0.2	0.0	0.0	0.0
18	0.2	10.5	6.8	6.0	5.3	4.6	4.0	3.8	0.0	4.0	0.0	0.1
19	0.2	10.9	6.5	5.9	5.2	4.6	4.0	3.5	0.0	0.9	0.0	0.1
20	3.5	11.20	6.2	5.8	5.2	4.5	4.0	3.5	0.0	0.0	0.0	0.2
21	3.7	11.20	6.1	5.5	5.1	4.5	4.0	3.2	0.0	0.0	0.4	0.2
22	3.7	11.1	6.0	5.4	5.0	4.4	4.2	3.2	0.0	0.0	0.2	0.2
23	3.7	10.6	5.9	5.3	5.0	4.4	4.2	1.2	0.0	0.0	0.2	0.3
24	3.7	10.1	5.9	5.2	5.0	4.4	4.1	0.5	0.0	0.0	0.1	0.5
25	3.7	9.7	5.8	5.1	5.1	4.4	4.1	0.2	-0.10	3.0	0.1	0.3
26	3.4	9.0	5.8	5.1	5.1	4.6	4.0	0.2	-0.10	2.9	0.0	0.3
27	3.3	8.5	5.8	5.1	5.1	5.2	4.0	0.1	-0.10	3.0	0.0	0.3
28	3.4	7.8	5.7	5.1	5.0	5.2	4.0	0.1	-0.10	0.0	0.0	0.3
29	4.2	7.1	5.6	5.1	5.0	5.2	4.0	3.2	-0.10	0.0	0.0	0.2
30	8.2		5.5	5.5	4.9	5.1	3.9	3.7	-0.10	0.0	0.0	0.2
31	8.1		5.5		4.9		3.9	3.8		0.1		0.1

7:00 A. M. readings

1955
ST. FRANCIS RIVER
MARKED TREE, ARK.

53

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)

Mile: 148.0.

Lat.: $35^{\circ}32'02''$ - Long.: $90^{\circ}25'29''$.

U. S. W. B. & U. S. G. S. gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.90 on 15 April.

Lowest: 0.00 on 19, 20, 25 October; 1, 5, 17 November.

Period of record: 1 August 1904 to date.

Highest for period of record: 25.1 in April 1913.

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in Sept. and Oct. 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.8	4.1	4.9	6.2	6.5	7.1	5.1	4.7	2.8	1.8	0.3	0.2
2	0.6	4.1	4.8	7.1	6.3	6.9	4.9	4.6	2.8	1.8	0.3	0.2
3	0.5	4.1	4.9	7.7	6.2	6.8	4.9	4.5	2.7	1.8	0.2	0.2
4	0.7	4.1	4.9	7.9	6.1	6.5	4.9	4.4	2.7	2.2	0.0	0.4
5	0.7	4.4	4.9	7.5	7.3	6.3	5.0	4.3	2.5	2.1	0.0	0.5
6	0.7	4.8	6.1	9.1	7.5	6.2	5.5	4.3	2.3	2.1	0.2	0.5
7	0.7	4.9	6.1	9.6	6.2	6.1	6.9	4.3	2.2	2.0	0.1	0.5
8	0.7	4.8	5.7	9.2	5.7	6.0	5.9	4.3	2.1	2.0	0.1	0.5
9	0.7	4.7	5.4	8.6	5.5	5.9	5.7	4.5	2.2	2.0	0.1	0.5
10	0.7	4.5	5.4	8.2	5.5	5.8	3.8	3.8	2.1	2.0	0.1	0.5
11	0.8	4.5	5.4	8.0	5.4	5.8	3.1	4.2	2.1	2.0	0.1	0.5
12	0.7	4.5	5.1	8.0	5.4	5.7	2.6	4.2	2.1	1.8	0.1	0.4
13	0.7	4.5	5.0	10.8	5.4	5.6	4.7	4.2	2.1	1.8	0.1	0.4
14	3.4	4.4	5.0	11.7	5.4	5.6	5.1	4.2	2.1	1.8	0.1	0.4
15	4.1	4.3	5.0	11.9	5.4	5.6	5.1	4.1	2.0	1.8	0.1	0.4
16	4.2	4.3	5.0	11.4	5.4	5.5	5.0	4.1	2.0	1.8	0.1	0.4
17	4.3	4.3	5.0	10.7	5.4	5.4	5.0	4.1	1.8	1.0	0.0	0.4
18	4.2	4.3	6.2	10.2	5.4	5.3	5.0	4.0	1.8	0.5	0.1	0.4
19	4.4	4.3	7.8	9.5	5.3	5.2	4.9	4.0	1.8	0.0	0.1	0.4
20	4.5	4.6	8.0	8.8	5.2	5.2	4.9	4.0	1.6	0.0	0.1	0.4
21	4.5	5.2	8.8	9.2	5.2	5.2	4.9	4.0	1.6	2.8	0.1	0.4
22	4.5	5.5	9.5	10.0	5.2	5.2	4.9	3.9	1.6	3.0	0.1	0.4
23	4.5	5.3	9.2	9.7	5.3	5.2	4.9	3.9	1.6	0.8	0.2	0.4
24	4.3	5.1	8.7	9.4	5.3	5.2	4.9	3.8	1.6	0.6	0.2	0.4
25	4.2	5.0	8.2	8.8	5.3	5.2	4.9	3.7	1.7	0.0	0.2	0.4
26	4.2	5.0	7.7	8.2	5.5	5.2	4.9	3.6	1.7	0.6	0.2	0.4
27	4.3	5.0	7.2	7.7	7.8	5.2	4.8	2.5	1.7	0.1	0.2	0.4
28	4.3	4.9	4.7	7.3	8.3	5.2	4.8	2.7	1.8	2.8	0.2	0.4
29	4.3	3.6	3.6	7.0	8.1	5.1	4.8	2.9	1.8	2.8	0.2	0.4
30	4.3		3.2	6.8	7.6	5.1	4.8	2.7	1.8	2.8	0.2	0.4
31	4.2		5.6		7.3		4.8	2.7		2.8		0.4

7:00 a. m. readings

1954
ST. FRANCIS RIVER
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.).

Mile: 148.0.

Lat.: $35^{\circ} 32' 02''$ - Long.: $90^{\circ} 25' 29''$.

U.S.W.B. & U.S.G.S. gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 6.20 on 16 January.

Lowest: -0.30 on various dates in Sept., Oct.

Period of record: 1 August 1904 to date.

Highest for period of record: 25.1 in April 1913.

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in Sept. and Oct. 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.4	2.0	1.9	4.5	1.7	4.9	4.3	1.9	0.2	-0.2	-0.2	-0.2
2	0.4	2.0	1.9	5.0	2.2	4.8	4.3	1.9	0.1	-0.2	3.0	-0.2
3	0.4	1.9	1.9	4.9	3.4	4.7	4.3	1.9	0.1	-0.2	3.3	-0.2
4	0.4	1.8	1.9	4.8	3.6	4.7	4.3	1.9	2.5	2.6	0.6	-0.2
5	0.4	1.7	1.8	4.8	3.2	2.1	4.3	1.9	1.4	0.8	0.1	-0.2
6	0.4	1.6	1.7	4.8	2.8	1.7	4.2	1.9	0.2	2.9	0.0	-0.2
7	0.4	1.5	1.6	2.3	5.2	4.3	4.1	1.9	0.1	2.9	0.0	-0.2
8	0.4	1.4	1.6	1.7	5.4	4.5	4.1	1.9	0.0	0.2	0.0	-0.2
9	0.4	1.4	1.6	1.6	5.3	4.5	4.1	2.3	0.0	-0.1	0.0	-0.2
10	0.8	1.4	1.5	1.5	5.2	4.5	4.0	2.4	-0.1	-0.1	3.2	-0.2
11	1.0	1.4	1.5	1.5	5.2	4.5	4.0	2.4	-0.1	-0.2	3.2	-0.2
12	1.1	1.4	1.5	1.5	5.1	4.5	4.0	2.4	-0.1	-0.3	0.5	0.2
13	0.8	1.4	1.5	1.5	5.1	4.5	4.0	2.4	-0.2	2.7	0.0	0.2
14	0.7	1.4	1.5	1.5	5.1	4.4	3.9	2.4	2.5	4.9	0.0	0.2
15	3.0	1.4	1.4	1.5	5.0	4.4	3.9	2.4	1.7	1.8	0.0	0.2
16	6.2	1.7	1.4	1.5	5.0	4.4	3.7	2.4	1.4	1.4	-0.2	0.2
17	5.6	2.4	1.4	1.6	5.0	4.3	3.7	2.2	0.0	1.2	-0.2	0.2
18	4.6	2.5	1.4	1.5	5.0	4.5	3.7	1.7	0.0	0.0	-0.2	0.2
19	3.4	2.2	1.4	1.5	2.3	4.6	3.5	1.7	-0.1	-0.2	-0.2	0.2
20	2.8	3.7	1.4	1.5	1.8	4.6	2.3	1.8	-0.2	-0.3	-0.2	0.2
21	5.0	3.7	1.4	1.5	1.7	4.5	2.4	1.9	-0.2	-0.3	0.0	0.2
22	5.2	3.3	1.4	1.5	4.5	2.1	2.8	1.9	-0.2	-0.3	0.0	0.2
23	4.2	2.8	1.4	1.5	5.8	1.3	2.7	2.0	-0.3	-0.3	0.0	0.2
24	3.5	2.6	1.4	1.5	5.0	4.0	2.8	2.0	-0.3	-0.3	-0.1	0.2
25	3.2	2.4	1.9	1.4	4.9	4.3	2.8	2.0	-0.3	-0.3	-0.1	0.2
26	2.8	2.2	2.2	1.4	2.5	4.4	3.5	1.9	-0.3	-0.3	-0.1	0.2
27	3.6	2.0	2.3	1.4	1.7	4.4	3.5	1.9	-0.3	-0.3	-0.2	0.2
28	3.2	1.9	2.1	1.2	4.0	4.3	3.4	1.8	-0.3	-0.3	-0.2	0.4
29	3.0		2.1	1.5	4.6	4.3	3.3	1.8	2.7	-0.3	-0.2	0.7
30	2.8		2.0	1.6	4.7	4.3	2.8	1.5	0.7	-0.3	-0.2	0.8
31	2.2		2.0		4.9		2.3	0.5		-0.2		0.8

7:00 a. m. readings

1953
ST. FRANCIS RIVER
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)

Mile: 148.0

Lat.: $35^{\circ} 32' 02''$ - Long.: $90^{\circ} 25' 29''$

U.S.W.B. & U.S.G.S. gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 12.40 on 19 May.

Lowest: 0.20 on 11-19 September.

Period of record: 1 August 1904 to date.

Highest for period of record: 25.1 in April 1913.

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.8	2.0	5.6	8.5	6.7	6.6	4.0	1.5	0.5	0.7	0.3	0.3
2	0.8	1.8	6.2	8.2	7.1	6.1	4.0	1.1	0.5	0.6	0.3	0.3
3	0.8	1.6	7.0	7.9	7.1	7.1	4.0	1.3	0.4	0.6	0.3	0.3
4	0.8	1.5	7.2	7.7	7.2	7.7	4.0	1.2	0.4	0.6	0.3	0.4
5	0.8	1.0	7.2	7.3	7.3	7.6	3.9	1.2	0.4	0.5	0.3	0.6
6	0.8	1.1	7.0	7.3	7.1	7.1	3.8	1.2	0.4	0.6	0.3	0.5
7	0.8	1.1	7.0	7.3	6.9	7.2	3.8	1.2	0.4	0.6	0.3	0.4
8	1.6	1.1	6.7	7.1	6.6	7.0	3.8	1.2	0.4	0.6	0.3	0.4
9	1.6	1.1	6.4	6.9	6.1	6.8	3.9	1.2	0.3	2.7	0.3	0.4
10	1.6	1.1	6.3	6.7	6.3	6.6	4.0	1.2	0.3	2.2	0.3	0.4
11	1.6	6.7	6.2	6.5	6.9	6.4	4.0	1.1	0.3	0.5	0.3	0.4
12	1.2	8.1	6.2	6.1	9.3	6.5	4.0	1.1	0.3	0.1	0.3	0.4
13	1.1	7.9	6.2	6.3	10.1	6.5	4.1	1.1	0.3	0.1	0.3	0.4
14	1.1	7.3	6.2	6.2	9.9	6.3	4.1	1.1	0.2	0.3	0.3	0.4
15	1.1	7.0	7.2	6.2	10.3	6.2	2.5	1.1	0.2	0.3	0.3	0.4
16	1.1	6.5	8.1	6.0	10.5	5.9	1.1	1.1	0.2	0.3	0.3	0.4
17	1.1	6.2	8.1	5.9	11.1	5.9	3.7	1.0	0.2	0.3	0.3	0.4
18	1.2	5.9	10.2	6.0	11.7	5.7	1.1	0.9	0.2	2.7	0.3	0.4
19	1.2	5.6	11.1	6.2	12.4	5.6	3.9	0.9	0.2	2.5	0.3	0.4
20	1.2	6.2	11.0	6.0	12.1	5.5	3.7	0.8	0.3	0.1	0.4	0.4
21	1.2	7.0	11.0	5.9	11.5	4.7	4.9	0.8	0.3	0.3	0.1	0.4
22	1.2	6.8	10.4	5.8	10.7	4.6	7.1	0.7	0.3	0.3	0.4	0.4
23	1.8	6.5	11.2	5.7	9.5	4.6	6.1	0.7	0.3	0.3	0.3	0.4
24	2.2	6.3	11.3	5.8	8.5	4.1	5.1	0.6	0.3	0.3	0.3	0.4
25	2.0	6.2	11.0	6.2	7.3	4.3	4.3	0.6	0.3	0.3	0.3	0.4
26	1.8	6.0	10.5	5.8	8.1	4.2	4.2	0.6	0.3	0.3	0.3	0.4
27	1.7	5.9	10.0	5.8	9.0	4.1	4.0	0.6	0.7	2.8	0.3	0.4
28	1.7	5.8	9.4	5.7	8.7	4.0	3.8	0.6	0.7	1.4	0.3	0.4
29	1.6		8.9	5.6	7.2	4.0	3.6	0.6	0.7	0.3	0.3	0.4
30	1.5		8.4	7.5	6.9	4.0	2.0	0.6	0.7	0.3	0.3	0.4
31	1.6		8.0		6.7		1.6	0.6		0.3		0.4

7:00 a. m. readings

NW, IX RDPWS (CLASS A)

1952
ST. FRANCIS RIVER
MARKED TREE, ARK.

Zero of gage: 196.44 m.s.l. (196.75 m.s.l.)
 Miles: 148.0
 Lat. 35° 32' 02" - Long. 94° 25' 29"
 U.S.W.B. & U.S.G.S. gage

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 12.0 on 13 Mar.
 Lowest: 0.20 on 30-31 Oct.; 1-8 Nov.
 Period of record: 1 Aug. 1901 to date.
 Highest for period of record: 25.1 in April 1913.
 Lowest for period of record: -0.30 on 6, 7, 10 and 11 Oct. 1943.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.3	7.2	8.3	9.4	6.4	5.1	4.0	1.5	1.0	0.5	0.2	0.5
2	8.0	7.0	7.7	9.4	6.3	5.0	3.7	0.9	1.1	0.5	0.2	0.5
3	8.4	7.1	7.5	9.4	6.2	5.0	3.6	0.9	1.0	0.5	0.2	0.6
4	10.0	7.2	8.5	9.2	6.2	5.0	3.5	0.9	1.0	0.5	0.2	1.3
5	11.1	7.5	8.7	9.0	6.1	5.0	3.4	0.8	1.0	0.4	0.2	2.0
6	11.3	7.4	8.5	8.8	6.1	5.0	3.2	0.8	1.0	0.5	0.2	1.9
7	11.2	7.3	8.2	8.5	6.1	5.0	3.2	0.8	0.9	0.4	0.2	1.9
8	10.9	7.2	7.9	8.4	6.0	5.0	3.2	0.8	0.9	0.4	0.2	1.7
9	10.7	7.1	7.7	8.2	5.9	5.0	3.2	0.8	0.9	0.5	0.3	1.4
10	10.7	8.3	7.7	8.0	6.0	4.9	3.2	0.7	0.8	0.5	0.3	1.4
11	10.5	8.5	11.1	7.7	6.2	4.9	3.2	0.7	0.8	0.5	0.3	1.3
12	10.4	8.6	11.9	7.4	6.1	4.9	3.2	0.7	0.8	0.5	0.3	1.2
13	10.1	9.1	12.0	8.2	6.1	4.8	3.2	0.8	3.0	0.5	0.3	1.1
14	9.9	10.1	11.6	8.4	5.7	4.7	3.1	1.4	2.7	0.4	0.3	1.1
15	9.8	10.3	10.9	8.2	5.6	4.6	3.1	4.2	0.9	0.4	0.3	1.1
16	9.5	10.4	10.4	8.0	5.5	4.6	3.2	4.2	0.8	0.4	0.3	1.1
17	9.3	10.4	9.9	7.6	5.5	4.6	3.2	4.1	0.7	0.4	0.3	1.0
18	9.2	10.4	9.5	7.4	5.3	4.6	3.1	3.9	0.7	0.4	0.4	1.0
19	9.0	10.2	9.4	7.2	5.2	4.6	3.0	4.5	0.7	0.4	0.4	0.9
20	8.9	10.9	9.2	7.1	5.2	24.2	3.0	3.8	0.6	0.4	0.4	1.0
21	8.8	11.7	8.9	6.9	5.2	4.0	2.9	4.6	0.6	0.4	0.5	1.0
22	9.5	11.8	9.4	6.8	5.2	4.3	1.9	4.5	0.6	0.4	0.5	1.0
23	10.0	11.9	10.6	6.7	5.1	4.3	1.2	3.8	0.6	0.4	0.5	1.0
24	9.7	11.4	11.2	6.7	5.2	4.2	1.0	3.6	0.6	0.3	0.5	1.0
25	9.2	11.1	11.2	6.7	5.2	4.1	1.0	4.1	0.6	0.3	0.4	0.9
26	8.8	10.8	10.9	6.7	5.3	3.7	0.9	3.6	0.5	0.3	0.5	0.9
27	8.6	10.5	10.5	6.7	5.2	4.0	0.9	3.4	0.5	0.3	0.5	0.8
28	8.5	10.3	10.2	6.6	5.2	3.9	0.9	3.4	0.5	0.3	0.5	0.8
29	8.4	8.8	9.9	6.6	5.3	3.8	0.8	3.3	0.5	0.3	0.5	0.8
30	7.8		9.6	6.5	5.1	3.8	3.2	3.2	0.5	0.2	0.5	0.8
31	7.4		9.4		5.1		3.3	2.9		0.2		0.8

7:00 a.m. readings

ARMY, CE MEMPHIS (CLASS A)

1951
ST. FRANCIS RIVER
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M. S. L. (196.75 M. G. L.)
 MILE: 148.0
 LAT. 35° 32' 02" - LONG. 90° 25' 29"
 U.S.W.B. & U.S.G.S. GAGE

AUTOMATIC RECORDING GAGE IS ON U. S. HWY. #63 BRIDGE ACROSS
 ST. FRANCIS RIVER AT MARKED TREE, ARK.

HIGHEST: 10.9 ON 23 FEB.

LOWEST: 1.10 ON 8-9 SEPT.

PERIOD OF RECORD: 1 AUG. 1904 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 25.1 IN APRIL 1913.

LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCT. 1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	2.7	7.4	9.0	6.6	6.1	6.3	5.1	5.4	4.1	6.2	4.6	7.2
2	2.8	7.2	8.9	6.6	6.1	6.2	5.1	6.5	4.0	6.1	5.0	6.8
3	3.2	7.1	8.7	6.5	6.0	6.3	5.2	7.0	4.0	6.1	5.0	6.8
4	3.9	7.0	8.6	6.5	5.9	6.5	5.3	7.0	1.5	6.0	4.9	7.6
5	4.1	5.0	8.5	6.4	5.7	6.7	8.0	6.9	1.3	5.9	4.9	8.2
6	3.9	4.1	8.4	6.4	5.6	6.7	8.8	6.7	1.2	5.8	5.1	8.2
7	3.7	7.8	8.2	6.4	5.4	6.6	8.4	6.6	1.2	5.7	5.4	8.5
8	3.6	8.6	8.1	6.4	5.4	7.2	7.9	6.5	1.1	5.6	5.3	9.0
9	3.5	8.7	8.0	6.1	5.1	7.7	7.4	6.5	1.1	5.5	5.3	10.1
10	3.5	8.4	7.9	6.1	5.1	7.4	6.9	6.3	1.2	5.5	5.3	10.6
11	6.3	8.2	7.8	6.0	5.2	7.2	6.5	6.4	1.2	5.4	5.3	10.5
12	6.9	7.9	7.7	6.0	5.1	6.6	6.3	6.3	3.2	5.2	5.3	10.1
13	7.4	7.7	7.6	6.0	5.1	6.2	6.2	5.0	4.1	5.1	5.3	9.4
14	9.4	7.5	7.5	6.0	5.1	5.9	6.1	4.8	4.2	4.2	4.9	9.3
15	10.7	7.3	7.3	5.9	5.0	5.7	6.0	4.7	4.2	4.1	4.9	9.3
16	10.7	8.0	7.1	5.8	5.0	5.5	5.9	4.7	4.2	4.0	5.1	9.3
17	10.8	8.2	6.9	5.6	4.9	5.4	5.9	5.0	4.2	4.0	5.2	9.0
18	10.7	8.2	7.5	5.5	3.0	5.4	5.8	5.0	4.3	4.0	5.2	9.0
19	10.2	8.2	8.7	5.5	2.2	5.3	5.7	5.0	4.3	3.9	5.4	8.5
20	9.4	8.4	9.0	5.5	2.2	5.9	5.8	4.8	4.4	3.9	5.0	8.5
21	8.7	10.2	8.7	7.1	2.1	5.5	5.6	4.7	4.5	3.9	4.7	9.4
22	8.1	10.8	8.3	7.4	4.7	5.3	5.6	5.4	4.5	3.9	4.7	9.8
23	9.1	10.9	7.9	7.6	5.0	5.1	5.6	5.9	4.7	3.9	4.8	9.6
24	9.2	10.6	7.5	7.8	5.0	5.1	5.6	5.9	4.7	3.9	4.2	9.5
25	9.1	10.3	7.2	6.6	4.9	5.1	5.6	5.8	4.9	3.8	5.7	9.0
26	9.0	10.0	6.9	6.3	4.9	5.2	5.5	5.5	4.8	3.8	5.8	9.5
27	8.5	9.7	6.9	6.4	6.2	5.2	5.7	5.3	4.5	3.8	5.5	9.9
28	8.2	9.3	6.9	6.4	6.3	5.1	5.7	5.6	4.8	3.8	5.3	9.7
29	8.0	6.9	6.7	6.1	6.3	5.1	5.6	4.9	4.2	3.8	5.3	9.3
30	8.8	6.7	6.6	6.1	6.3	5.1	5.5	4.9	4.2	4.0	5.2	9.8
31	7.7		6.6		6.3		5.4	4.2				8.7

7800 A. M. READINGS.

1950
ST. FRANCIS RIVER
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M.S.L. (196.75 M.G.L.)

MILE: 146.0

LAT. 35° 32' 02" - LONG. 90° 25' 29"

GAGE IN CHARGE OF U.S.W.B. & U.S.G.S.

AUTOMATIC RECORDING GAGE IS ON U. S. HWY. #63 BRIDGE ACROSS
ST. FRANCIS RIVER AT MARKED TREE, ARK.

HIGHEST: 16.10 ON 2 FEB.

LOWEST: 2.90 ON 29 DEC.

PERIOD OF RECORD: 1 AUG. 1904 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 25.1 APRIL 1913.

LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCT. 1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	15.9	14.9	11.2	6.3	6.3	6.7	7.2	8.5	6.9	6.4	3.4	3.4
2	7.7	16.1	14.5	10.7	6.4	6.3	6.7	7.1	8.7	6.9	6.4	3.2
3	9.8	16.0	14.2	10.2	7.5	6.2	6.6	7.0	8.7	6.8	6.3	4.9
4	10.7	15.9	13.9	9.9	7.4	6.0	6.6	6.9	8.8	6.7	6.4	6.2
5	11.9	15.9	13.7	9.8	7.2	6.1	6.6	6.8	8.6	6.7	6.3	6.5
6	12.2	15.8	13.2	9.3	7.0	6.1	6.6	6.7	8.3	6.7	6.3	6.7
7	12.4	15.7	12.9	8.9	6.7	6.1	6.6	6.8	8.1	6.7	6.3	6.5
8	12.4	15.5	12.8	8.5	9.9	6.0	6.6	6.7	7.9	6.6	6.3	6.1
9	12.7	15.3	12.6	8.2	10.0	6.0	6.5	6.7	7.8	6.5	6.6	5.3
10	13.0	15.0	12.2	7.9	10.0	6.0	6.4	6.6	7.7	6.4	6.7	5.2
11	13.4	14.6	11.8	7.6	9.7	6.0	6.3	6.6	7.6	6.4	6.7	5.1
12	13.4	14.6	11.6	7.6	9.3	5.9	6.3	6.5	7.5	6.4	6.9	4.8
13	13.8	15.6	13.1	7.4	8.8	5.7	6.3	6.5	7.5	6.4	6.9	4.7
14	14.6	16.0	13.1	7.4	8.3	5.6	6.3	6.4	7.4	6.3	6.9	4.2
15	14.7	16.0	12.9	7.2	7.9	5.0	6.4	6.3	7.7	6.3	6.3	4.1
16	14.8	16.0	12.6	7.8	7.7	7.2	6.3	6.2	7.7	6.2	3.3	4.0
17	14.9	16.0	12.2	7.0	7.2	7.3	6.3	6.3	7.7	6.1	4.2	3.6
18	15.7	15.9	11.7	7.0	7.0	6.2	6.4	6.6	7.6	6.1	6.3	3.5
19	15.2	15.9	11.2	7.0	7.0	6.0	6.4	6.8	7.5	6.0	6.6	3.3
20	15.3	15.9	11.2	6.9	7.0	7.1	6.4	6.8	7.5	5.6	7.2	3.2
21	15.3	15.8	9.6	6.9	6.9	7.2	6.6	6.1	7.4	5.6	5.1	3.2
22	15.3	15.9	11.1	6.9	6.9	7.2	7.3	6.6	7.3	5.9	8.2	3.2
23	15.3	15.9	9.5	6.9	6.7	7.2	8.0	6.1	7.1	5.9	8.0	3.1
24	15.1	15.8	9.4	6.6	6.5	7.1	8.4	6.5	7.0	5.9	7.7	3.1
25	15.0	15.7	8.4	6.6	6.8	7.0	8.0	6.5	7.0	6.1	7.3	3.1
26	14.9	15.5	7.9	6.6	7.0	7.2	8.1	6.5	7.0	6.1	7.0	3.0
27	15.0	15.2	9.0	6.4	6.8	6.9	8.1	6.6	6.9	6.2	6.9	3.0
28	14.9	15.0	11.0	6.2	6.7	6.8	8.0	6.7	7.0	6.4	4.3	3.0
29	14.8	11.3	6.2	6.6	6.7	6.7	7.6	7.0	7.0	6.4	3.9	2.9
30	14.8	11.6	6.3	6.5	6.7	7.6	7.6	6.9	6.9	6.4	3.6	3.1
31	15.2		11.6		6.3		7.3	7.6		6.3		3.1

7:00 A. M. READINGS.

1949
ST. FRANCIS RIVER
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M.S.L. (196.75 M.G.L.)

MILE: 148.0

LAT. 35° 32' 02" - LONG. 90° 25' 29"

GAGE IN CHARGE OF U.S.W.B. & U.S.G.S.

AUTOMATIC RECORDING GAGE IS ON U.S. HWY. #63 BRIDGE ACROSS
ST. FRANCIS RIVER AT MARKED TREE, ARK.

HIGHEST: 13.60 ON 28 JAN.

LOWEST: 1.60 ON 10 DEC.

PERIOD OF RECORD: 1 AUG. 1904 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 25.1 ON 1 APRIL 1913.

LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCT. 1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	9.0	13.2	11.0	12.9	7.5	7.0	5.6	6.1	5.9	4.2	6.5	2.6
2	9.1	12.9	10.7	12.9	7.4	7.1	7.0	6.8	5.7	4.2	6.4	1.9
3	8.9	12.7	10.4	12.7	7.3	7.3	7.3	6.1	5.3	4.3	6.3	1.9
4	9.3	12.7	10.1	12.4	7.2	7.5	7.1	6.1	5.1	4.3	6.2	1.9
5	10.0	12.5	9.8	11.9	7.1	8.0	7.1	6.1	4.2	4.4	6.2	1.9
6	10.0	12.4	9.7	11.4	7.1	7.7	7.0	6.0	5.3	5.7	6.1	1.9
7	10.4	12.2	9.3	10.9	7.0	7.6	6.9	6.0	4.2	6.4	6.1	1.9
8	10.3	12.1	9.0	9.1	6.9	7.4	6.9	5.9	4.4	7.0	6.0	1.9
9	10.2	11.8	9.6	9.7	7.1	7.5	6.9	5.9	4.4	7.2	6.0	1.9
10	9.6	11.6	10.7	9.5	7.2	7.6	6.9	5.8	5.0	7.5	5.9	1.8
11	9.3	11.3	11.2	9.3	7.3	8.2	6.6	5.8	4.8	7.6	5.9	2.0
12	9.1	11.1	11.2	9.1	7.3	8.1	6.5	5.7	4.6	8.0	5.7	4.4
13	8.9	10.9	11.1	9.1	7.2	8.1	6.7	5.6	4.6	8.3	5.7	5.6
14	8.8	11.1	10.7	9.1	7.1	8.3	7.1	5.2	4.2	8.0	5.7	5.8
15	8.7	11.8	10.2	8.9	7.0	9.4	6.9	5.7	3.9	7.7	5.6	5.6
16	8.7	12.6	9.6	8.5	6.9	8.3	6.7	5.7	4.3	7.3	5.6	5.3
17	9.9	12.9	9.0	8.2	6.9	7.8	6.9	6.0	4.3	6.0	5.5	4.8
18	10.5	12.9	10.1	7.8	6.8	7.4	6.8	6.0	4.5	6.5	5.5	4.9
19	11.2	12.8	9.5	7.5	6.8	7.2	6.8	5.8	4.4	6.5	5.8	4.8
20	11.3	12.5	9.0	7.2	6.7	6.9	6.7	5.7	4.4	6.4	5.8	4.7
21	10.6	12.4	8.4	6.9	6.7	7.3	6.6	6.2	4.5	6.4	2.6	6.2
22	11.3	12.3	8.8	6.5	7.1	7.0	6.5	6.7	4.5	6.6	2.9	7.4
23	11.4	11.8	8.6	6.6	6.9	6.7	6.5	6.6	4.4	6.6	2.6	7.7
24	11.4	11.4	8.5	6.6	6.9	6.2	6.5	6.8	4.4	6.6	2.6	7.7
25	11.7	11.2	8.5	6.4	6.9	6.1	6.5	4.0	4.5	6.8	2.6	7.6
26	12.4	11.4	9.3	7.6	6.9	6.1	6.4	2.2	4.5	6.8	2.6	7.5
27	12.8	11.4	11.9	7.8	6.8	6.1	6.4	5.5	4.5	6.8	2.6	8.9
28	13.6	11.1	12.4	7.6	6.6	6.0	6.4	6.2	2.5	6.8	2.6	8.1
29	13.5	12.5	7.6	6.8	6.0	6.0	6.3	6.2	2.4	6.7	2.6	8.1
30	13.4	12.7	7.5	6.9	6.0	6.2	6.2	4.1	6.7	2.6	7.9	
31	13.3	12.8		6.9			6.2	6.1		6.6		7.7

7:00 A.M. READINGS

1948
ST. FRANCIS RIVER
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M.S.L. (196.75 M.G.L.)

MILE: 148.0

LAT. 35° 32' 02" - LONG. 90° 25' 29"

GAGE IN CHARGE OF U.S.W.B. & U.S.G.S.

AUTOMATIC RECORDING GAGE IS ON U.S. HWY. #63 BRIDGE ACROSS
ST. FRANCIS RIVER AT MARKED TREE, ARKANSAS.

HIGHEST: 12.00 ON 3 MARCH.

LOWEST: 0.60 ON 19 OCTOBER AND 3 NOVEMBER.

PERIOD OF RECORD: 1 AUGUST 1904 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 24.20 ON 18 APRIL 1942.

LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCTOBER 1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	4.0	6.0	9.6	8.9	8.3	6.8	6.6	6.1	3.8	1.0	0.6	1.7
2	7.3	3.0	11.4	7.0	8.2	6.3	6.7	6.0	4.6	0.9	0.6	1.1
3	8.1	4.5	12.0	7.8	8.1	6.8	6.6	6.0	3.7	0.9	0.6	1.1
4	8.4	4.1	11.7	8.0	8.0	6.8	6.6	6.0	1.7	0.8	0.7	1.1
5	8.4	3.2	11.2	8.0	8.0	6.7	6.6	5.9	3.4	0.8	0.7	1.1
6	8.8	3.7	11.0	7.7	8.0	6.7	3.9	5.8	3.6	3.8	0.7	1.2
7	8.8	3.9	11.0	7.5	7.9	6.7	6.0	5.8	3.6	1.3	0.8	1.1
8	7.9	3.8	10.8	8.0	7.8	6.6	6.3	5.7	0.8	3.5	0.8	1.1
9	7.9	3.6	10.4	7.8	7.6	6.6	6.3	5.6	3.2	3.5	0.8	1.1
10	7.8	3.3	9.9	7.5	7.5	6.5	6.2	5.4	3.7	3.0	0.8	1.1
11	7.7	3.0	9.3	7.5	7.5	6.5	6.3	5.2	3.8	3.6	0.8	1.1
12	7.8	3.0	8.8	7.3	7.4	6.3	5.2	5.2	3.8	3.3	0.8	1.1
13	7.9	3.5	8.2	9.0	7.3	6.3	5.2	5.1	3.7	3.8	0.8	1.1
14	8.0	9.7	7.9	9.7	7.2	6.0	5.0	5.3	3.7	1.2	0.8	1.1
15	8.0	9.9	7.6	9.6	7.1	6.0	5.0	5.3	3.6	0.8	0.8	1.2
16	8.0	9.9	8.0	9.3	7.0	6.0	6.3	5.1	3.6	0.7	0.8	2.8
17	8.0	9.8	8.0	8.8	7.0	4.5	6.5	5.0	3.5	0.8	0.8	3.4
18	8.1	9.6	7.8	8.3	7.0	6.1	6.5	5.0	3.6	0.7	0.8	3.9
19	8.0	9.1	8.0	7.8	7.0	6.5	6.6	4.9	3.6	0.6	0.8	6.0
20	8.0	8.8	8.0	7.5	6.9	6.7	6.6	4.6	3.5	0.6	1.0	7.7
21	8.0	8.6	8.0	7.2	6.9	7.0	6.7	4.0	3.3	0.6	0.9	7.9
22	8.0	8.5	8.3	7.1	6.9	7.0	6.7	3.8	1.0	0.6	1.1	7.8
23	7.9	8.4	10.0	6.9	6.7	7.0	6.7	3.8	3.0	0.6	1.2	7.7
24	7.6	8.0	10.5	5.8	6.7	6.5	6.7	3.8	3.3	0.6	3.3	7.6
25	7.7	8.0	10.0	8.4	6.7	4.0	6.7	3.7	3.3	0.6	1.7	7.6
26	7.7	8.9	10.6	8.5	6.7	4.0	6.6	3.7	1.0	0.6	1.3	7.7
27	7.7	9.2	10.1	8.5	6.7	6.0	6.6	3.6	0.0	0.6	1.1	8.0
28	7.7	9.6	9.8	8.4	6.7	6.6	6.5	3.6	1.0	0.6	1.1	8.2
29	7.6	9.7	9.3	8.4	6.8	5.5	6.5	3.6	1.2	0.6	1.2	8.7
30	7.5	8.8	8.3	6.8	5.5	6.5	6.5	1.0	1.0	0.6	1.2	8.9
31	7.5		8.5		6.8		6.3	3.7		0.6		9.0

7800 A.M. READINGS.

1947

85

ST. FRANCIS RIVER
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M.S.L. (196.75 M.G.L.)

MILE: 148.0

LAT. 35° 32' 02" - LONG. 90° 25' 29"

GAGE IN CHARGE: U. S. W. B. & U. S. G. S.

AUTOMATIC RECORDING GAGE IS ON U. S. HWY. #63 BRIDGE ACROSS
ST. FRANCIS RIVER AT MARKED TREE, ARK.

HIGHEST: 8.80 ON 14-15 APRIL.

LOWEST: 0.60 ON 26 SEPTEMBER AND VARIOUS DATES IN OCTOBER.

PERIOD OF RECORD: 1 AUGUST 1904 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 24.20 ON 18-19 APRIL 1912.

LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCTOBER
1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	7.6	7.4	5.0	6.2	7.9	7.2	7.8	6.4	3.5	3.3	4.4	4.6
2	7.7	7.3	6.4	6.2	7.9	7.2	7.6	6.4	3.5	3.1	5.0	4.7
3	8.0	7.3	6.4	6.2	7.9	7.1	7.5	4.9	3.3	3.0	5.1	4.7
4	8.1	7.2	6.4	6.2	7.8	7.1	7.4	4.6	3.2	1.4	5.0	2.5
5	8.3	7.1	6.3	6.2	7.7	7.1	7.4	4.5	1.0	1.0	5.1	1.7
6	8.4	7.0	6.4	6.2	7.6	7.0	7.3	4.5	1.0	0.7	3.0	1.6
7	8.2	7.0	6.4	6.1	7.5	7.0	7.3	4.5	0.9	3.2	1.3	1.6
8	8.0	7.0	6.4	6.2	7.5	7.0	7.3	4.3	0.9	3.3	1.0	1.6
9	7.9	7.0	6.7	5.5	7.5	7.5	7.3	2.6	4.2	3.2	1.0	2.0
10	7.8	6.9	6.6	6.5	7.5	7.1	7.3	2.5	4.1	3.0	1.0	4.0
11	7.7	6.9	6.6	7.1	7.5	7.0	7.2	3.6	4.1	2.6	1.3	2.5
12	7.7	6.8	6.6	7.2	7.5	6.9	7.2	4.0	2.8	1.0	4.0	2.1
13	7.6	6.8	6.6	8.7	7.7	6.8	7.2	4.1	2.5	0.6	4.3	2.1
14	7.5	6.8	6.6	8.8	7.6	6.7	7.2	4.0	2.5	2.8	4.3	2.0
15	7.7	6.8	6.5	8.8	7.6	6.7	7.2	4.0	2.5	3.0	5.5	2.0
16	7.8	6.8	6.4	8.6	7.6	6.7	7.2	4.0	3.0	3.0	5.0	5.0
17	7.8	6.8	6.4	8.4	7.5	6.6	7.2	4.0	2.9	0.6	5.0	5.2
18	7.7	6.7	6.4	8.1	7.5	6.6	7.2	4.0	1.0	0.6	5.0	6.7
19	7.6	6.8	6.3	8.1	7.7	6.5	7.2	4.0	0.8	0.6	5.0	6.9
20	7.9	6.0	6.3	8.0	8.0	6.5	7.2	1.5	0.7	0.6	4.9	2.9
21	7.8	6.6	6.3	8.0	8.1	6.5	7.1	1.2	0.7	2.6	4.9	2.1
22	7.8	6.6	6.3	8.0	8.1	6.4	7.0	3.5	0.7	3.2	4.9	2.0
23	7.7	6.7	6.2	8.0	7.9	6.9	7.0	3.9	0.7	0.8	4.9	2.0
24	7.7	5.7	6.2	8.0	7.8	6.4	6.9	3.9	0.7	2.8	4.8	2.0
25	7.6	5.1	6.2	8.0	7.7	6.4	6.7	3.9	0.7	0.7	4.8	2.0
26	7.6	5.1	6.2	8.0	7.5	7.5	6.6	3.9	0.6	0.6	4.7	2.0
27	7.5	5.0	6.2	8.0	7.5	7.3	6.5	3.8	0.5	3.6	4.7	2.0
28	6.8	5.0	6.2	8.0	7.4	7.5	6.4	3.8	0.5	3.2	4.7	1.8
29	7.2	6.2	7.9	7.4	7.7	6.3	6.3	3.8	3.5	3.3	4.7	1.8
30	7.4	6.2	7.9	7.0	7.8	6.1	6.1	3.7	3.4	3.3	4.7	1.8
31	7.4	6.2		7.1		6.3	3.6		4.4		1.8	

7:00 A.M. READINGS.

RIVER STAGES

St. Francis

River Gauge at

Marked Tree, Ark.

1946

Zero elevation 196.75

feet above

M.G.L.

(1936 Adj.)

Bank full stage feet on gauge

R.C.5M.6-8-37

Weather Bureau

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	8.0	9.3	10.9	9.4	6.8	9.4	6.6	6.0		3.2	5.0	2.0	1
2	7.9	9.6	10.7	9.0	6.8	8.1	6.6	6.0		3.1	5.0	4.5	2
3	8.0	9.1	10.5	8.5	7.1	8.0	6.5	6.0		1.1	4.8	4.7	3
4	8.0	9.4	10.2	8.3	7.2	8.0	6.5	6.3		3.8	1.7	4.7	4
5	8.0	9.3	10.1	8.0	7.2	7.4	6.2	6.3		3.5	3.7	4.7	5
6	8.0	10.1	10.0	7.8	7.3	7.0	6.3	6.2		3.2	4.0	3.8	6
7	8.1	10.8	10.0	7.7	7.3	6.6	6.3	6.2		3.0	5.3	4.1	7
8	9.0	11.1	10.0	7.6	7.3	8.0	6.3	6.2		2.7	5.3	4.6	8
9	12.2	11.2	9.5	7.5	7.3	7.1	6.2	6.2		2.7	5.1	4.7	9
10	12.8	11.3	9.1	7.8	7.4	6.5	5.7	6.3		2.7	5.2	4.7	10
11	12.7	11.2	8.8	7.7	7.5	7.4	6.3	5.9		2.7	5.2	4.7	11
12	12.8	11.2	8.5	7.7	7.6	8.0	6.3	6.3		2.6	5.2	5.0	12
13	12.6	11.5	8.4	7.5	7.6	7.0	6.3	6.5		2.6	3.2	5.2	13
14	12.3	11.3	8.3	7.3	7.7	6.3	6.2	6.6		2.5	2.8	5.3	14
15	12.1	11.0	8.2	7.2	7.7	7.4	6.4	6.6	No Readings	2.5	5.5	5.5	15
16	12.0	10.6	8.7	7.7	8.0		6.5	6.6		2.5	5.4	5.5	16
17	11.8	11.5	8.9	7.6	8.1	5.6	6.5	6.5		2.5	5.2	5.5	17
18	11.5	11.3	9.0	7.4	8.3	5.7	6.5	6.4		2.4	3.4	5.3	18
19	11.0	10.9	9.0	7.3	8.3	7.0	6.4	6.4		2.3	1.5	5.3	19
20	10.9	10.5	8.8	7.1	8.3	7.4	6.3	6.4		2.3	1.4	4.3	20
21	10.9	10.1	8.5	7.0	8.2	7.4	6.3	6.3		2.3	1.4	5.5	21
22	10.7	9.8	8.3	7.0	8.2	7.3	6.3	6.0		1.0	1.4	7.0	22
23	10.5	10.1	8.1	6.9	8.1	7.2	6.2	5.9		0.8	1.3	7.0	23
24	10.2	10.3	8.0	7.1	8.3	7.2	6.1	5.9		0.8	4.0	7.0	24
25	9.8	11.0	8.0	7.1	9.4	7.2	6.1	5.8		0.9	3.8	7.0	25
26	10.0	10.8	9.2	7.1	10.4	7.0	6.1	5.6		1.0	1.4	7.0	26
27	10.1	11.1	9.5	7.0	10.6	7.0	6.1	5.5		2.7	1.4	7.0	27
28	10.0	11.0	9.7	6.9	10.5	6.8	6.0	5.3		4.0	1.4	7.0	28
29	9.8		9.8	6.9	10.2	6.7	6.1	5.2		1.3	4.0	7.0	29
30	9.7		9.8	6.8	9.9	6.6	6.1	5.2		4.0	4.6	7.2	30
31	9.5		9.7		9.6		6.1	5.2		5.0		7.4	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings:

Highest: 12.8 on 10 and 12 Jan.

Lowest: 0.8 on 23-24 Oct.

Period of record: 1 Aug. 1904 to date.

Highest for period of record: 24.2 on 18-19 April 1912.

Lowest for period of record: -0.3 on 6, 7, 10 and 11 Oct. 1943.

RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1945

Zero elevation 196.75 feet above MGL (1936 Adj.)

Bank full stage feet on gauge

Weather Bureau

M.R.C.5M.5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	8.5	7.1	11.2	11.6	10.6	7.7	10.3	7.2	7.3	7.0	6.9	8.2	1
2	8.9	7.1	11.3	14.0	10.5	7.7	10.3	7.2	7.2	7.7	6.9	8.1	2
3	8.9	7.0	10.4	14.5	10.3	7.5	10.3	7.2	7.1	7.9	5.5	8.1	3
4	8.8	7.0	9.8	14.4	10.1	7.3	10.0	7.2	7.0	8.0	6.6	8.2	4
5	8.5	6.9	9.7	14.0	10.0	7.0	9.7	7.2	7.0	8.1	7.4	8.2	5
6	8.2	6.4	9.8	13.7	9.7	6.7	9.2	7.1	7.0	8.2	7.4	8.1	6
7	8.1	6.3	9.8	13.4	9.4	4.2	8.8	7.1	6.9	8.3	7.4	8.1	7
8	8.9	6.3	9.5	13.2	9.2	3.6	8.5	7.2	6.8	8.3	7.4	8.1	8
9	9.1	3.5	9.2	12.9	8.9	4.0	8.0	7.1	6.7	8.3	7.6	8.1	9
10	9.2	2.6	8.7	12.5	9.4	7.0	7.7	7.1	6.5	8.3	8.0	8.0	10
11	9.0	2.8	8.3	12.1	9.7	8.2	7.8	7.0	6.5	8.3	8.0	8.0	11
12	8.7	7.0	8.0	11.6	9.6	9.5	7.4	7.0	6.4	8.3	8.0	7.9	12
13	8.6	7.5	7.8	11.1	9.8	9.7	7.0	7.0	4.8	8.3	8.6	7.9	13
14	8.4	7.5	8.4	10.7	9.4	9.9	6.5	7.0	6.0	8.3	9.0	7.9	14
15	8.2	7.3	9.2	10.7	9.1	10.1	6.3	7.6	6.6	8.2	9.0	8.0	15
16	8.3	7.5	9.4	10.8	8.9	10.2	6.3	7.8	6.5	8.2	9.0	8.0	16
17	8.2	8.8	9.5	11.4	8.8	10.4	6.2	7.8	6.3	8.1	9.0	8.0	17
18	8.0	8.3	9.6	12.1	8.4	11.8	6.0	7.8	6.2	8.0	8.8	8.0	18
19	8.0	8.3	9.8	12.2	8.3	12.0	6.0	7.8	6.0	8.0	8.9	7.9	19
20	8.0	8.4	10.4	12.2	8.2	12.1	6.0	7.7	5.8	8.0	8.8	7.8	20
21	8.0	9.2	11.0	12.0	8.0	11.8	6.0	7.7	5.7	7.9	8.8	7.7	21
22	8.0	10.0	10.4	11.8	7.9	11.8	5.8	7.7	5.3	7.8	8.7	7.7	22
23	7.8	10.3	9.8	11.7	7.7	11.9	5.7	7.7	5.2	7.8	8.7	7.7	23
24	7.7	10.3	9.4	11.4	7.6	11.7	5.7	7.7	5.1	7.6	8.6	7.7	24
25	7.6	10.2	7.4	11.2	7.4	11.3	5.6	7.6	5.3	7.5	8.5	8.0	25
26	7.5	10.0	8.0	11.1	7.4	11.0	5.6	7.6	5.3	7.5	8.4	8.3	26
27	7.4	10.1	9.5	10.0	7.3	11.2	5.6	7.6	5.3	7.4	8.4	8.3	27
28	7.4	10.8	10.2	10.8	7.3	11.2	5.6	7.5	5.3	7.3	7.6	8.4	28
29	7.3		10.4	10.8	7.1	11.0	5.6	7.4	5.6	7.1	7.2	8.3	29
30	7.3		10.4	10.7	6.9	10.7	5.6	7.4	6.0	7.0	8.1	8.3	30
31	7.2			11.2	7.0			6.8	7.4		7.0	8.1	31
Sum	Note: Time basis Central War Time during interim 2:00 a.m., 9 February 1942 to 2 a.m., 30 September 1945. To convert War time to Standard Time, subtract one hour.												
Mean													
High													
Low													

Remarks: 7:00 a.m. readings

Highest: 14.5 on 3 April

Lowest: 2.6 on 10 Feb.

Period of record: 1 Aug. 1904 to date

Highest for period of record: 24.2 on 18-19 April 1912.

Lowest for period of record: -0.3 on 6, 7, 10 and 11 Oct., 1943

RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1944

Zero Elevation 196.75 feet above M.G.L. (1936 Adj.)

Bank full stage feet on gauge.

Weather Bureau.

4.R.C.3M.11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	1.0	3.7	8.0	8.7	9.1	7.2	5.8	3.0	2.7	2.8	0.5	0.5	1
2	0.8	3.6	8.5	8.4	8.9	7.2	5.7	3.2	2.2	1.0	0.4	3.3	2
3	4.8	3.6	8.4	8.3	8.7	7.2	5.5	3.2	2.1	0.5	0.3	1.6	3
4	5.0	3.6	8.4	8.2	7.0	7.1	5.4	3.3	2.0	0.4	0.3	0.5	4
5	4.0	3.6	8.4	8.0	7.2	7.0	5.2	3.2	1.0	0.4	1.8	2.3	5
6	3.7	1.3	8.5	7.9	8.5	7.0	4.5	3.0	0.6	0.5	2.0	2.4	6
7	3.7	0.9	8.4	7.8	8.7	7.0	4.0	2.8	0.6	3.0	0.5	3.0	7
8	1.7	0.9	8.2	8.0	8.6	6.9	4.0	2.8	3.1	3.2	0.4	4.3	8
9	0.8	2.6	8.1	10.0	8.4	6.8	4.0	2.8	3.2	3.2	1.7	3.1	9
10	5.0	4.1	7.9	10.6	8.4	6.8	4.0	2.7	2.9	1.0	2.1	3.8	10
11	5.0	5.0	7.9	10.9	8.5	6.8	4.0	1.2	0.9	0.5	2.1	4.4	11
12	2.5	4.8	7.8	10.9	8.4	6.7	4.0	0.9	0.5	0.5	2.0	4.4	12
13	1.0	4.8	7.8	10.8	7.7	6.4	3.9	3.0	0.5	0.4	2.0	4.3	13
14	0.9	4.7	7.7	10.6	8.0	6.5	4.4	3.1	3.0	3.0	2.0	4.3	14
15	0.8	4.5	7.6	9.7	8.0	6.5	3.8	1.4	3.2	3.1	2.0	5.2	15
16	4.9	4.5	7.6	8.9	7.9	6.5	3.8	0.8	2.5	2.0	2.2	4.3	16
17	5.0	5.1	7.5	8.5	7.9	6.5	3.6	3.0	1.0	0.6	2.2	4.3	17
18	5.1	7.5	7.5	8.2	7.9	6.5	1.7	2.9	0.5	0.5	2.3	4.1	18
19	3.7	7.4	8.0	7.9	7.8	6.5	3.2	1.0	0.5	0.4	2.3	4.1	19
20	3.1	7.1	9.6	7.9	7.6	6.4	3.6	0.7	1.7	0.4	2.3	4.1	20
21	3.7	6.7	9.8	8.0	7.6	6.4	3.6	0.6	2.9	2.0	2.2	4.0	21
22	1.3	5.0	9.9	8.0	7.5	6.4	3.5	0.5	1.0	2.0	2.2	3.9	22
23	0.9	5.0	9.7	7.9	7.5	6.3	3.4	3.2	0.5	2.0	2.0	3.9	23
24	0.8	5.4	9.4	9.3	7.4	6.3	3.0	3.2	0.5	1.9	2.3	2.0	24
25	0.8	5.2	9.0	9.5	7.4	6.2	3.0	3.1	0.5	1.0	0.7	1.4	25
26	3.5	7.2	8.6	9.4	7.3	6.2	2.8	2.8	0.3	0.5	0.6	6.0	26
27	3.8	7.5	8.4	9.6	7.2	6.1	2.8	1.0	3.0	0.5	0.5	6.7	27
28	3.8	7.0	8.4	8.7	7.2	6.0	2.9	0.7	2.6	1.9	1.7	7.1	28
29	3.7	6.6	8.9	9.1	7.1	6.0	3.1	0.5	0.7	1.9	1.7	7.6	29
30	3.7		9.0	9.2	6.8	5.9	3.1	3.1	0.7	3.0	2.1	7.6	30
31	3.7		8.9		7.1		3.0	3.2		0.5		7.6	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings (Central Standard Time)

Highest: 10.9 on 11-12 Apr.

Lowest: 0.3 on 26 Sept. and 3-4 Nov.

Period of record: 1 Aug. 1904 to date.

Highest for period of record: 24.2 on 18-19 April 1912.

Lowest for period of record: -0.3 on 6, 7, 10 and 11 Oct. 1943.

RIVER STAGES

St. Francis

River Gauge at Marked Tree, Ark.

for the calendar year 1943

(Mile 148)

Zero elevation 196.75

feet above M.G.L. (1936 Adj.)

Bank full stage feet on gauge

Weather Bureau.

A.R.C.5M.5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	7.8	7.5	6.4	8.2	6.7	7.6	6.7	4.1	2.1	2.7	3.1	3.4	1
2	7.8	7.5	6.3	7.8	6.7	7.6	6.7	4.0	2.4	2.3	2.9	3.3	2
3	7.8	7.5	6.3	7.9	6.7	7.7	6.3	3.4	2.4	1.0	1.0	1.0	3
4	7.8	7.4	6.1	7.9	6.6	7.7	6.6	3.5	2.4	-0.2	0.5	0.6	4
5	7.8	7.4	5.9	7.9	6.6	7.8	6.6	3.5	2.4	-0.2	0.5	0.6	5
6	7.8	7.3	5.0	7.8	6.6	7.8	6.6	3.5	2.4	-0.3	0.5	2.7	6
7	7.8	7.2	6.0	7.8	6.6	7.7	6.7	4.1	2.4	-0.3	1.9	3.5	7
8	7.8	7.1	6.3	7.6	6.6	7.6	6.6	4.1	2.4	1.5	3.0	3.5	8
9	7.8	7.1	6.1	7.6	6.6	7.6	6.5	4.0	2.4	0.2	1.5	3.5	9
10	7.9	7.0	5.9	7.5	6.7	7.6	6.5	4.0	2.4	-0.3	0.6	3.3	10
11	7.9	7.0	5.9	7.5	7.1	7.5	6.5	3.9	2.3	-0.3	3.2	1.6	11
12	7.9	7.0	5.9	7.6	7.2	7.5	6.4	3.8	2.3	3.0	3.4	0.6	12
13	7.9	7.0	6.8	7.5	7.2	7.4	6.2	3.5	2.2	3.5	1.5	3.0	13
14	8.0	6.9	7.1	7.4	7.1	7.3	7.0	3.3	2.2	3.5	0.5	3.5	14
15	8.0	6.9	7.4	7.3	7.4	7.4	7.0	3.3	2.1	3.3	2.5	3.4	15
16	8.0	6.8	7.5	7.2	7.5	7.2	7.0	3.3	2.3	3.1	3.4	3.3	16
17	8.0	6.8	7.7	7.0	7.5	7.1	7.0	3.3	2.4	3.0	3.3	1.0	17
18	7.9	6.7	7.8	7.4	7.5	7.0	7.0	3.2	2.4	1.5	0.9	0.7	18
19	7.8	6.7	9.0	7.6	7.5	7.0	6.8	3.2	2.5	0.7	0.6	3.0	19
20	7.7	6.6	9.5	7.5	7.5	7.0	6.7	3.2	2.7	2.9	2.6	3.5	20
21	7.7	6.6	9.8	7.4	7.5	7.0	6.5	3.2	2.8	2.8	2.0	3.4	21
22	7.7	6.6	9.8	7.2	7.5	6.9	6.3	3.1	2.8	0.9	0.5	1.3	22
23	7.7	6.5	9.1	7.2	7.5	6.9	5.9	3.1	3.0	2.7	3.3	0.7	23
24	7.3	6.4	8.7	7.2	7.6	6.9	6.1	3.0	3.0	1.9	3.5	0.6	24
25	7.5	6.5	7.3	7.0	7.6	6.8	5.9	3.0	3.0	0.7	3.4	0.6	25
26	7.6	6.5	7.2	6.9	7.6	6.8	5.3	2.8	2.9	2.9	3.3	3.3	26
27	7.7	6.5	8.1	6.9	7.6	6.8	4.8	2.8	2.9	2.7	1.0	3.5	27
28	7.7	6.4	8.1	6.8	7.6	6.8	4.5	2.7	2.9	0.9	0.6	3.8	28
29	7.7		8.3	6.8	7.6	6.7	3.9	2.7	2.9	0.5	0.5	3.7	29
30	7.7		7.1	6.7	7.6	6.7	3.5	2.7	2.8	0.5	3.3	3.6	30
31	7.6		6.4		7.6			4.0	2.5		2.9	3.6	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings (Central Standard Time)

Highest: 9.80 on 21-22 March.

Lowest: -0.30 on 6, 7, 10 & 11 October.

Period of record: 1 August 1904 to date.

Highest for period of record: 24.2 on 18-19 April 1912.

Lowest for period of record: -0.3 on 6, 7, 10 & 11 October 1943.

RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1942

Zero elevation 196.75 feet above Mean Gulf Level (1936 Adj.)

Bank full stage feet on gauge

Weather Bureau

R.C.5M.6-8-27

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	7.1	6.9	7.8	6.0	7.7	6.6	7.1	4.7	5.4	1.0	0.7	6.9	1
2	7.3	6.9	7.8	6.0	7.7	6.6	7.0	3.6	5.5	0.3	2.9	7.0	2
3	7.4	6.9	7.7	5.9	7.7	6.6	6.9	3.6	5.7	3.9	3.6	7.1	3
4	7.5	6.9	7.7	5.8	7.5	6.5	7.2	3.6	5.8	3.5	3.6	7.2	4
5	7.5	7.0	7.6	5.7	7.5	6.5	7.2	3.5	5.9	3.0	1.0	7.2	5
6	7.6	6.9	7.6	5.6	7.5	6.5	7.2	3.5	5.9	1.0	3.3	7.3	6
7	7.7	7.0	7.6	5.5	7.5	6.5	7.2	1.2	6.9	0.6	3.8	7.4	7
8	7.8	7.2	7.6	5.5	7.4	6.4	7.0	1.0	5.9	0.6	4.8	7.4	8
9	7.9	7.2	8.2	7.8	7.3	6.4	7.0	0.8	5.8	0.6	4.8	7.3	9
10	7.9	7.2	8.3	8.6	7.1	6.4	6.9	4.6	5.7	0.5	4.8	7.5	10
11	8.1	5.9	8.3	8.9	7.1	6.4	6.9	4.6	5.5	0.5	1.8	7.6	11
12	7.9	7.2	8.3	8.9	7.0	6.5	6.8	4.5	5.3	3.3	3.5	7.7	12
13	7.9	7.3	8.2	8.4	6.9	6.7	6.7	4.0	4.9	3.5	3.9	7.7	13
14	7.8	7.3	7.1	7.9	6.8	6.7	6.5	3.5	4.9	3.5	5.2	7.7	14
15	7.8	7.3	6.5	7.5	6.8	6.9	6.5	3.4	4.7	3.4	5.2	7.6	15
16	7.8	7.4	6.4	7.1	6.7	7.1	6.4	3.3	4.5	3.2	4.5	7.7	16
17	7.0	7.7	6.3	6.9	6.6	7.2	6.3	4.1	4.3	2.9	5.0	7.6	17
18	6.8	7.8	6.2	6.7	6.5	7.2	6.1	4.3	4.1	1.0	5.2	7.6	18
19	6.8	7.9	6.0	6.6	6.3	7.4	6.0	4.3	3.5	0.6	4.1	7.6	19
20	6.7	7.9	6.0	6.5	6.5	7.5	5.8	4.2	3.5	3.0	4.0	7.5	20
21	6.6	7.6	6.0	6.4	6.5	7.5	5.5	4.1	3.4	3.0	4.0	7.5	21
22	6.6	7.8	6.0	6.2	6.4	7.5	5.1	3.5	3.5	1.0	5.4	7.5	22
23	3.6	7.9	5.9	6.1	6.4	7.5	5.0	3.4	3.4	0.6	5.5	7.5	23
24	1.8	7.9	5.9	6.1	6.4	7.4	4.9	3.5	1.0	0.5	6.1	7.4	24
25	6.5	7.9	5.9	6.0	6.3	7.3	4.8	3.5	4.1	0.4	6.2	7.4	25
26	6.5	7.9	6.0	6.0	6.3	7.3	4.6	4.5	4.1	3.0	6.2	7.3	26
27	6.5	7.9	6.2	6.0	6.1	7.1	4.4	4.6	3.2	3.4	6.4	7.3	27
28	6.6	7.8	6.3	6.0	6.1	7.1	2.2	4.6	3.0	3.3	6.5	7.5	28
29	6.5		6.3	7.6	6.7	7.1	3.6	4.7	2.9	1.5	6.6	7.6	29
30	6.6		6.2	7.8	6.7	7.1	4.6	5.0	2.8	0.8	6.8	7.7	30
31	6.9		6.1		6.7			4.6	5.2		0.8		7.7
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings (Central Standard Time).

Highest: 8.9 on Apr. 11-12.

Lowest: 0.3 on Oct. 2.

Period of record: Aug. 1, 1904 to date.

Highest for period of record: 24.2 on Apr. 18-19, 1912.

Lowest for period of record: -0.2 on Oct. 1-6, 10-13, 19-21 & 25, 1941.

RIVER STAGES

St. Francis

River Gauge at Marked Tree, Ark.

for the calendar year 1941

(Mile 148)

Zero elevation 196.75

feet above Mean Gulf Level (1936 Adj.).

Bank full stage feet on gauge

P.C.5M.4-0-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	6.6	6.7	5.9	5.3	6.3	3.6	2.3	1.8	1.9	-0.2	2.0	6.5	1
2	6.7	6.6	5.9	5.4	6.0	3.6	2.3	1.9	1.8	-0.2	2.5	6.4	2
3	6.7	6.6	5.8	5.3	5.8	3.0	2.3	1.9	1.8	-0.2	3.1	6.4	3
4	6.8	6.6	5.8	4.4	5.6	3.4	2.3	2.3	1.8	-0.2	4.3	6.3	4
5	6.8	7.0	5.8	4.9	5.4	3.4	2.4	2.3	1.6	-0.2	4.3	6.2	5
6	6.8	7.4	6.4	4.5	5.3	3.4	2.4	2.1	0.2	-0.2	4.1	6.1	6
7	6.9	7.4	6.4	5.0	5.2	3.3	2.4	1.9	0.0	2.5	4.1	6.1	7
8	6.9	6.7	6.3	4.6	5.0	3.3	2.3	1.8	0.1	0.8	4.3	6.0	8
9	6.9	6.6	5.8	3.6	4.9	3.2	2.2	0.6	0.1	0.0	4.4	6.0	9
10	6.9	6.5	5.7	3.9	4.8	3.3	2.3	1.9	0.1	-0.2	4.6	5.9	10
11	6.8	6.5	5.7	3.9	4.8	3.2	2.3	0.5	2.5	-0.2	4.7	5.8	11
12	2.6	6.5	5.7	3.9	4.8	3.2	2.4	1.8	2.7	-0.2	4.9	5.7	12
13	6.0	6.4	4.5	4.8	4.7	3.1	2.4	0.2	3.0	-0.2	5.0	5.7	13
14	6.0	6.4	4.4	4.8	4.7	3.0	2.4	0.3	0.0	2.5	5.0	5.7	14
15	6.9	6.4	4.3	3.4	4.6	2.9	2.6	0.1	0.0	1.9	5.0	5.6	15
16	6.9	6.4	4.3	4.0	4.5	0.9	2.8	2.5	2.3	0.0	5.4	1.8	16
17	6.9	5.9	4.4	4.0	4.4	2.9	2.8	1.4	0.5	-0.1	5.6	1.1	17
18	6.9	6.0	4.3	4.0	4.3	3.2	2.9	1.7	0.0	-0.1	5.6	0.8	18
19	6.9	6.1	4.3	5.0	4.3	3.1	2.9	0.3	0.2	-0.2	5.8	0.7	19
20	6.9	6.3	4.3	4.8	4.2	0.9	2.8	0.1	0.2	-0.2	5.9	3.6	20
21	3.8	6.3	4.2	3.7	4.2	0.5	2.6	0.7	0.2	-0.2	6.0	4.0	21
22	6.5	6.2	4.3	3.6	3.8	3.3	2.3	2.4	0.2	3.9	6.1	4.0	22
23	7.0	6.2	4.4	3.6	3.8	3.3	2.2	0.5	2.7	3.5	6.2	5.4	23
24	7.1	6.1	4.3	3.7	4.3	3.3	2.0	0.2	2.5	0.4	6.3	5.5	24
25	7.2	6.0	4.3	3.9	4.2	3.1	2.0	2.5	0.5	-0.2	6.4	5.3	25
26	7.4	6.1	3.9	3.0	4.1	2.9	1.9	2.0	0.0	2.8	6.4	5.3	26
27	7.4	6.1	3.9	1.9	3.9	2.8	1.9	0.5	0.2	3.0	6.4	5.5	27
28	7.4	6.0	4.0	1.3	3.8	2.4	1.8	2.3	2.3	3.0	6.5	5.8	28
29	7.4		4.1	2.9	3.8	2.5	1.8	1.9	0.5	0.8	6.5	6.4	29
30	7.4		4.1	5.9	3.8	2.4	1.8	1.9	2.0	2.8	6.5	6.6	30
31	6.9		4.1		3.7		1.8	1.9		3.0		6.7	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings.

Highest: 7.4 on Jan. 26-30 & Feb. 6-7.

Lowest: -0.2 on Oct. 1-6, 10-13, 19-21 & 25.

Period of record: Aug. 1, 1904 to date.

Highest for period of record: 24.2 on April 18-19, 1912.

Lowest for period of record: -0.2 on Oct. 1-6, 10-13, 19-21 & 25, 1941.

RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1940
 Zero elevation 196.75 feet above Mean Gulf Level (1936 Adj.)
 Bank full stage 17 feet on gauge

A.P.C.5M.6-8-27

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	3.6	0.9	5.4	5.6	6.5	7.0	5.7	3.4	3.6	2.5	2.1	3.1	1
2	3.8	0.8	5.4	5.6	6.5	6.8	5.7	4.0	3.6	3.0	2.0	3.6	2
3	3.8	0.8	5.3	5.5	7.9	6.7	5.7	3.9	2.0	0.7	1.0	3.7	3
4	2.0	3.9	5.4	3.7	8.0	6.7	5.7	4.5	3.8	2.9	1.2	3.6	4
5	0.5	4.1	5.3	5.0	8.0	6.5	5.6	4.2	4.4	2.9	1.8	3.0	5
6	0.4	4.2	5.3	5.3	8.0	6.5	5.6	4.0	3.6	1.0	2.0	2.3	6
7	0.4	4.2	5.3	5.6	7.2	6.4	5.6	3.6	3.2	2.5	0.4	3.4	7
8	0.4	1.2	5.3	5.6	6.4	6.4	5.5	3.6	3.2	1.5	2.5	3.7	8
9	0.4	4.0	5.3	6.6	6.0	6.3	5.5	1.3	2.9	2.6	0.6	3.7	9
10	0.4	4.2	5.2	6.0	6.2	6.4	5.5	3.6	2.9	0.8	2.5	3.7	10
11	0.4	4.3	5.2	5.5	6.1	6.4	5.4	3.7	1.2	2.6	0.8	3.5	11
12	2.5	4.4	5.2	5.5	6.0	6.3	5.4	3.8	3.0	0.8	0.7	3.5	12
13	3.8	4.5	5.4	5.5	7.3	6.3	5.3	3.8	2.9	2.6	0.4	2.7	13
14	4.0	4.7	5.4	5.5	7.7	6.2	5.3	4.0	2.9	0.7	0.4	3.5	14
15	4.0	4.8	5.4	5.5	7.7	5.2	5.3	4.0	1.5	2.6	0.2	3.7	15
16	4.0	2.7	5.4	5.5	6.3	5.9	5.3	4.0	2.7	0.8	0.4	3.9	16
17	2.0	4.5	5.4	5.5	6.0	6.0	4.5	4.9	2.6	0.4	3.2	4.9	17
18	0.9	5.5	5.4	5.6	5.8	6.2	4.2	4.0	2.4	2.8	3.5	5.0	18
19	0.8	5.9	5.4	6.8	5.7	6.1	4.5	3.9	1.1	2.4	3.5	5.0	19
20	0.8	7.0	5.4	7.4	7.1	5.5	4.6	3.9	0.6	0.7	3.5	5.4	20
21	0.8	7.7	5.3	7.8	7.2	6.0	5.6	3.9	2.9	2.7	3.4	5.7	21
22	0.8	7.8	5.3	7.8	7.3	6.0	5.7	1.4	2.8	0.7	1.5	5.9	22
23	0.8	7.6	5.2	7.4	7.4	6.0	5.5	4.8	2.4	2.4	3.0	6.0	23
24	0.4	3.9	5.3	7.3	7.4	2.8	5.5	4.7	2.2	2.0	3.2	6.1	24
25	5.9	4.8	5.3	6.8	7.5	2.0	5.5	5.4	2.2	0.6	3.0	6.2	25
26	5.0	5.3	5.3	6.6	7.4	6.3	5.5	4.8	2.3	2.5	3.1	6.3	26
27	5.0	6.8	5.3	6.5	7.4	6.2	5.2	4.0	2.4	0.6	0.9	6.3	27
28	5.0	4.7	5.4	6.5	7.3	5.9	5.0	3.5	2.6	2.5	0.5	6.4	28
29	2.3	5.5	5.5	6.4	7.1	5.9	4.8	3.6	2.5	0.6	3.2	6.4	29
30	1.2		5.6	6.4	7.0	5.8	4.8	3.6	1.5	2.3	0.8	6.4	30
31	1.0		5.6		7.0		4.0	3.5		0.6		6.4	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 A.M. Readings

Highest = 8.0, May 4-6, 1940.

Lowest = 0.2, November 15, 1940.

RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1939

Zero elevation 196.75 feet above Mean Gulf Level (1936 Adj.)

Bank full stage 17 feet on gauge

I.R.C.5M.C-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	0.1	2.2	8.1	4.9	3.6	2.8	6.1	5.4	3.4	2.0	1.0	3.4	1
2	0.1	3.0	8.0	4.3	3.5	2.7	6.0	5.3	3.3	1.9	2.5	0.8	2
3	0.1	5.4	7.8	3.9	3.4	2.6	6.6	5.2	4.0	2.6	1.2	0.3	3
4	0.1	5.9	7.5	3.5	3.3	2.5	6.8	5.2	3.6	0.7	0.2	3.3	4
5	0.3	5.7	7.8	3.0	3.2	2.4	6.4	4.3	3.4	0.1	0.2	1.5	5
6	0.2	5.4	7.9	4.5	3.1	2.3	5.8	5.1	3.4	1.9	0.1	3.4	6
7	0.2	5.1	8.0	5.4	3.1	2.2	5.4	5.4	3.2	2.6	0.1	1.0	7
8	0.3	4.7	7.6	5.7	3.0	4.9	5.0	5.3	3.1	1.0	2.8	0.3	8
9	0.3	4.4	7.3	5.6	3.0	5.0	6.0	4.5	3.0	0.1	3.3	3.4	9
10	0.7	4.6	7.1	5.1	2.9	4.8	6.0	4.2	2.9	2.9	3.3	1.2	10
11	0.4	4.6	7.7	4.7	2.7	4.6	5.9	4.2	2.6	2.9	3.2	0.4	11
12	0.4	4.5	7.6	4.4	2.7	4.9	5.2	4.2	2.5	2.5	2.8	0.2	12
13	0.5	4.2	7.3	4.2	2.9	6.1	5.9	5.0	2.5	0.5	2.7	3.5	13
14	0.5	4.0	7.1	4.0	2.9	5.0	5.9	5.0	2.3	0.0	2.6	1.1	14
15	0.5	5.2	6.9	3.8	2.9	4.8	5.9	5.0	2.2	3.0	0.5	0.2	15
16	0.5	5.7	6.7	3.7	2.7	4.8	6.0	4.7	2.2	3.0	0.2	0.2	16
17	0.5	5.7	6.5	5.1	2.6	4.5	6.0	4.0	2.1	2.8	0.6	3.4	17
18	0.6	5.6	6.2	5.9	2.4	4.7	5.7	3.8	2.0	2.6	0.2	2.2	18
19	0.6	5.5	6.1	5.8	2.4	4.5	5.8	3.7	2.0	0.5	0.2	0.5	19
20	0.6	6.6	5.9	5.4	3.1	4.2	5.8	3.7	0.5	0.2	0.2	0.3	20
21	0.6	6.9	5.8	5.0	2.9	4.5	5.8	3.7	2.6	0.1	3.2	0.2	21
22	0.6	6.9	5.7	4.8	3.8	4.6	5.9	3.7	1.6	0.1	3.5	3.5	22
23	0.6	6.7	5.5	4.6	4.1	4.6	6.2	4.5	2.6	3.0	3.5	3.6	23
24	0.7	6.4	5.4	4.4	4.0	4.5	6.0	4.3	0.9	3.2	1.1	1.2	24
25	0.7	6.2	5.2	4.2	4.1	4.4	6.0	3.6	2.5	0.5	0.4	0.4	25
26	0.7	6.3	5.1	4.0	4.4	4.4	6.0	3.6	0.9	0.2	0.2	0.4	26
27	0.7	6.3	4.9	3.9	4.4	4.5	5.6	3.6	2.5	0.2	3.2	3.6	27
28	0.7	7.8	4.8	3.8	4.0	4.5	5.6	3.6	0.8	3.2	3.5	3.8	28
29	0.7	-	4.8	3.7	3.8	6.3	6.0	4.0	0.4	3.2	0.8	1.0	29
30	1.9	-	4.8	3.6	3.4	6.4	5.5	3.5	0.4	3.0	3.1	0.5	30
31	2.1	-	4.8	-	3.0	-	5.4	3.4	-	2.7	-	0.4	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 A.M. Readings:

Highest = 8.1, Mar. 1, 1939.

Lowest = 0.0, Oct. 14, 1939.

RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. for the calendar year 1938

(M. 10 148)
Zero elevation 196.75 feet above M.G.L. (1936 adj.)

Bank full stage 17.0 feet on gauge

Weather Bureau

M.R.C.5M.6-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	3.4	5.0	6.4	5.7	2.1	7.6	1.5	0.7	0.8	0.1	0.1	0.1	1
2	3.4	4.9	6.4	5.3	2.1	7.4	1.5	0.7	0.8	0.1	0.1	0.1	2
3	3.4	4.7	6.3	5.0	2.1	7.4	1.4	0.7	0.8	0.1	0.1	0.2	3
4	3.2	4.5	6.2	4.7	2.0	7.5	1.3	0.7	0.9	0.1	0.1	0.2	4
5	3.2	4.3	6.1	4.5	2.0	7.5	1.3	0.7	0.9	0.1	0.1	0.2	5
6	3.2	4.2	5.9	4.3	1.9	7.4	1.2	0.7	0.9	0.1	0.1	0.2	6
7	3.0	4.0	5.7	4.0	1.8	7.2	1.1	0.7	0.9	0.1	0.1	0.2	7
8	2.8	3.8	5.5	4.0	8.8	7.5	1.1	0.7	0.9	0.1	0.1	0.2	8
9	2.8	3.7	5.3	4.3	9.4	7.7	1.0	0.7	0.9	0.1	0.1	0.2	9
10	2.7	3.6	5.6	4.4	9.3	4.6	1.0	0.7	0.9	0.1	0.0	0.2	10
11	2.6	3.4	5.6	4.4	8.9	2.7	1.0	0.7	0.9	0.1	0.0	0.2	11
12	2.6	3.3	5.6	4.3	8.6	2.3	1.0	0.7	0.0	0.1	0.0	0.0	12
13	2.5	3.2	5.4	4.3	8.4	2.0	0.9	0.7	0.0	0.1	0.0	0.0	13
14	2.5	3.2	5.0	4.3	8.6	1.9	0.9	0.7	0.0	0.1	0.0	0.0	14
15	2.4	3.0	4.7	4.3	7.9	1.8	0.9	0.7	0.1	0.1	0.0	0.0	15
16	2.3	3.1	4.4	4.3	7.1	1.8	0.8	0.7	0.0	0.1	0.0	0.0	16
17	2.2	3.5	4.1	4.2	6.9	1.8	0.8	0.6	0.0	0.0	0.0	0.0	17
18	2.1	5.5	3.9	4.1	8.0	1.8	0.8	0.6	0.2	0.0	0.0	0.0	18
19	2.0	7.9	3.7	4.0	8.3	2.4	0.8	0.6	0.2	0.0	0.1	0.0	19
20	2.0	8.1	3.5	3.8	7.8	2.6	0.9	0.6	0.2	0.0	0.1	0.0	20
21	1.9	8.0	3.4	3.8	7.9	2.3	0.8	0.6	0.2	0.0	0.2	0.0	21
22	5.0	7.9	3.3	3.7	7.9	2.2	0.8	0.5	0.2	0.0	0.1	0.0	22
23	5.8	7.5	3.3	3.6	8.5	2.1	0.8	1.0	0.2	0.0	0.1	0.1	23
24	6.1	7.1	3.2	3.4	8.4	2.0	0.8	1.0	0.1	0.0	0.1	0.2	24
25	6.2	6.9	3.0	3.3	8.1	1.8	0.8	1.0	0.1	0.0	0.1	0.2	25
26	6.4	6.8	2.9	3.0	8.0	1.8	0.8	1.0	0.1	0.0	0.1	0.2	26
27	6.1	6.6	2.9	2.8	7.9	1.8	0.7	1.0	0.1	0.0	0.1	0.2	27
28	5.4	6.5	3.0	2.6	7.8	1.7	0.7	1.0	0.1	0.0	0.1	0.2	28
29	4.7	—	5.0	2.5	7.8	1.7	0.7	1.0	0.1	0.0	0.1	0.2	29
30	4.4	—	6.0	2.2	7.7	1.6	0.6	1.0	0.1	0.0	0.1	0.1	30
31	5.0	—	6.1	—	8.0	—	0.7	0.8	—	0.1	0.1	0.1	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 A.M. Readings

RIVER STAGES

St. Francis River Gauge at Marked Tree, Arkansas (Mile 148) for the calendar year 1937

Zero elevation 196.75 feet above M.G.L. (1936 Adj.)

Bank full stage 17.0 feet on gauge

Weather Bureau

M.R.C.5M.6-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	2.0	18.1	12.9	3.5	2.6	1.7	1.8	1.6	0.3	1.0	1.8	1.7	1
2	2.1	18.2	12.4	3.4	2.8	1.7	1.7	1.6	0.3	1.0	1.7	1.7	2
3	2.0	18.5	11.9	3.4	3.2	1.7	1.7	1.5	0.3	1.1	1.7	1.7	3
4	2.0	18.7	11.5	3.3	3.6	1.7	1.6	1.4	0.2	1.1	1.6	1.6	4
5	1.9	18.8	11.0	3.4	3.6	1.8	1.7	1.3	0.3	1.1	1.6	1.6	5
6	1.8	18.8	10.6	3.4	3.5	1.8	1.7	1.3	0.3	1.3	1.6	1.6	6
7	2.0	18.8	10.0	3.5	3.5	1.8	2.0	1.2	0.3	1.3	1.6	1.6	7
8	2.1	18.8	9.5	3.6	3.4	1.8	2.2	1.2	0.3	1.3	1.6	1.6	8
9	2.7	18.8	8.9	3.6	3.3	1.8	2.3	1.2	0.3	1.3	1.6	1.6	9
10	3.6	18.7	8.3	3.5	3.2	1.9	2.3	1.1	0.5	1.3	1.8	1.6	10
11	4.6	18.6	7.6	3.5	3.0	1.9	2.2	0.9	0.5	1.3	2.4	1.5	11
12	5.0	18.4	6.9	3.4	3.0	2.0	2.1	1.5	0.5	1.2	2.4	1.5	12
13	4.9	18.1	6.3	3.4	3.0	2.1	2.1	1.5	0.5	1.2	2.4	1.5	13
14	4.7	18.0	5.9	3.3	3.0	2.5	2.0	0.7	0.6	1.1	2.4	1.9	14
15	5.0	17.8	5.6	3.2	2.9	2.6	2.0	0.6	0.6	1.1	2.3	1.9	15
16	5.2	17.6	5.4	3.1	2.9	2.6	1.9	0.6	0.6	1.1	2.3	2.0	16
17	5.4	17.3	5.1	3.1	2.9	2.6	1.9	0.6	0.6	1.1	2.2	1.6	17
18	8.5	17.0	4.9	3.0	2.8	2.6	1.8	1.0	0.6	1.5	2.2	1.6	18
19	9.7	16.7	4.7	3.0	2.7	2.5	1.8	1.0	0.6	1.7	2.0	1.6	19
20	10.1	16.5	4.6	2.9	2.6	2.5	1.8	1.0	0.6	2.2	2.0	1.8	20
21	11.5	16.3	4.5	2.9	2.3	2.4	1.8	1.0	0.5	2.5	2.0	1.9	21
22	14.1	15.9	4.2	2.9	2.3	2.3	2.4	0.7	0.5	2.5	2.0	2.0	22
23	15.3	15.6	4.1	2.9	2.2	2.2	2.4	0.5	0.5	2.4	1.9	2.5	23
24	15.9	15.2	4.0	2.9	2.2	2.1	2.0	0.6	0.5	2.3	1.9	2.8	24
25	16.7	14.8	4.0	2.9	2.2	2.1	1.9	0.6	0.5	2.2	1.8	3.0	25
26	17.2	14.3	4.0	2.8	2.1	2.0	2.3	0.6	0.5	2.2	1.8	3.0	26
27	17.6	13.8	4.0	2.9	2.0	2.0	2.2	0.5	0.7	2.1	1.8	3.0	27
28	17.9	13.4	3.9	2.8	1.9	1.9	2.2	0.5	0.9	2.0	1.8	3.2	28
29	18.0		3.7	2.7	1.9	1.9	1.9	0.4	1.0	1.9	1.7	3.4	29
30	18.0		3.6	2.7	1.9	1.8	1.6	0.4	1.0	1.9	1.7	3.4	30
31	18.1		3.5		1.8		1.6	0.4		1.9		3.4	31
Sum													
Mean													
High	18.1	18.8	12.9										
Low													

Remarks: 7:00 A.M. Readings

Mileage from Alluvial Valley Quadrangles

RIVER STAGES

St. Francis River Gauge at Marktree, Ar K. (Mile 148.4) for the calendar year 1936
 Zero elevation 196.75 feet above M. G. L. (1936 adj.)

Bank full stage 17.0 feet on gauge Flood stage 17.0 ft.

Weather Bureau

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	3.8	3.6	3.7	4.0	4.4	3.5	2.0	2.5	0.5	2.2	3.2	2.5	1
2	3.8	3.6	3.7	4.0	4.3	3.5	1.9	2.4	0.5	2.4	3.2	2.1	2
3	3.8	3.6	3.7	4.0	4.3	3.5	2.6	2.2	0.9	1.9	3.5	2.2	3
4	3.8	3.6	3.8	4.0	4.2	3.4	2.9	2.0	0.6	1.6	3.6	2.2	4
5	3.8	3.6	3.8	4.0	4.1	3.4	3.0	2.0	1.8	1.6	3.9	2.2	5
6	3.8	3.6	3.8	4.0	4.0	3.3	3.3	1.8	2.0	1.6	4.0	2.5	6
7	3.7	3.6	3.8	4.0	4.0	3.3	3.3	1.8	2.1	1.6	3.9	2.9	7
8	3.7	3.6	3.8	4.0	4.0	3.3	3.3	1.7	2.1	1.8	3.9	3.1	8
9	3.7	3.6	3.8	4.0	3.9	3.3	3.3	1.7	2.2	3.1	3.9	3.1	9
10	3.7	3.6	3.8	4.0	3.9	3.3	3.3	1.6	3.0	3.1	3.8	3.1	10
11	3.7	3.6	3.8	4.1	3.9	3.2	3.3	1.6	3.1	3.2	3.8	3.0	11
12	3.7	3.6	3.8	4.3	3.8	3.2	3.3	1.5	3.1	3.3	3.8	3.0	12
13	3.7	3.6	3.8	4.3	3.8	3.2	3.2	1.4	3.2	3.3	3.8	3.0	13
14	3.7	3.6	3.9	4.4	3.8	3.2	3.2	1.4	3.2	3.3	3.6	2.8	14
15	3.7	3.6	3.9	4.4	3.8	3.2	3.2	1.3	3.3	3.3	2.8	3.7	15
16	3.7	3.6	3.9	4.4	3.8	3.1	3.2	1.2	3.3	3.4	2.6	2.7	16
17	3.7	3.6	4.0	4.5	3.8	3.0	3.1	1.0	3.3	3.8	2.8	2.7	17
18	3.7	3.6	4.0	4.5	3.8	3.0	3.0	1.0	3.3	3.9	2.9	2.6	18
19	3.7	3.6	4.0	4.5	3.7	2.9	3.0	1.0	3.3	3.9	3.0	2.6	19
20	3.7	3.6	4.0	4.6	3.7	2.9	3.0	1.0	2.3	3.1	3.2	2.6	20
21	3.7	3.7	4.0	4.6	3.7	2.8	3.0	0.9	2.3	2.8	3.6	2.6	21
22	3.7	3.7	4.0	4.6	3.7	2.8	3.0	0.9	2.3	2.8	3.6	2.6	22
23	3.7	3.7	4.0	4.6	3.6	2.7	3.0	0.8	2.2	2.8	3.9	2.6	23
24	3.6	3.7	4.0	4.6	3.6	2.6	3.0	0.8	2.2	3.0	4.0	2.6	24
25	3.7	3.7	4.0	4.6	3.6	2.6	3.0	0.8	2.2	3.1	4.0	2.6	25
26	3.7	3.7	4.0	4.6	3.6	2.5	2.9	0.7	2.3	3.1	4.0	2.0	26
27	3.6	3.7	4.0	4.6	3.6	2.4	2.9	0.7	2.3	3.1	4.0	1.9	27
28	3.7	3.7	4.0	4.5	3.6	2.3	2.8	0.6	2.3	3.0	4.0	1.7	28
29	3.7	3.7	4.0	4.5	3.5	2.2	2.8	0.6	2.3	3.1	4.0	1.7	29
30	3.7		4.0	4.4	3.5	2.1	2.7	0.5	2.2	3.0	4.1	1.6	30
31	3.7		4.0		3.5		2.6	0.5		3.2		1.6	31
Sum													
Mean													
High													
Low													

Remarks:

7:00 AM. readings

RIVER STAGES

(Mile)

St. Francis River Gauge at Marked Tree, Ark. (148.4) for the calendar year 1935
 Zero elevation 196.67 feet above M. G. L.

Bank full stage 17.0 feet on gauge Flood Stage = 17.0 ft.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	5.8	7.7	6.5	12.0	6.5	5.8	6.0	4.4	2.6	2.8	3.2	3.8	1
2	5.9	7.6	6.4	12.2	6.4	5.8	6.0	4.3	2.6	2.8	3.2	3.8	2
3	5.9	8.1	6.4	12.2	6.4	6.9	6.1	4.3	2.6	2.5	3.2	3.8	3
4	5.9	8.1	6.3	12.1	6.3	7.9	6.1	4.3	2.8	2.4	3.2	3.7	4
5	5.8	8.1	6.8	12.0	6.5	8.0	6.0	4.2	2.8	2.3	3.3	3.7	5
6	5.8	8.0	7.2	12.8	7.3	7.8	6.0	4.1	2.8	2.2	3.3	3.7	6
7	5.8	7.7	7.5	13.2	7.9	7.5	5.9	4.8	2.6	2.2	3.3	3.8	7
8	5.8	7.8	7.3	13.2	8.1	7.2	5.9	4.7	2.6	2.1	3.3	3.8	8
9	5.8	7.7	7.2	13.0	8.0	7.0	5.7	4.7	2.5	2.0	3.3	3.8	9
10	5.9	7.6	7.3	12.6	7.6	6.7	5.6	4.6	2.4	2.0	3.3	3.8	10
11	5.9	7.6	7.9	12.3	7.3	6.5	5.5	4.6	2.7	2.1	3.3	3.8	11
12	5.9	7.6	8.9	12.0	7.0	6.3	5.4	4.5	2.6	2.0	3.4	3.8	12
13	5.8	7.6	9.4	11.7	6.8	6.1	5.2	4.5	(2.6	2.0	3.4	3.8	13
14	5.8	7.7	9.5	11.3	6.6	6.3	5.1	4.5	1.6	2.0	3.5	3.8	14
15	5.8	7.7	9.4	11.0	6.5	6.5	5.0	4.5	1.4	2.0	3.5	3.8	15
16	5.8	7.7	9.2	10.6	6.5	6.8	5.0	4.4	1.4	1.9	3.5	3.8	16
17	5.8	7.6	9.0	10.2	6.5	7.1	5.0	4.4	1.6	1.9	3.5	3.8	17
18	5.6	7.5	8.8	9.9	6.4	7.7	4.8	4.4	1.8	1.9	3.7	3.8	18
19	5.7	7.3	8.8	9.5	6.5	8.1	4.0	4.4	2.8	1.9	3.7	3.8	19
20	6.5	7.2	8.8	9.2	6.8	7.8	4.7	4.3	2.1	2.0	3.7	3.8	20
21	8.2	7.1	8.8	8.9	6.9	7.5	4.8	4.3	2.4	2.1	3.7	3.8	21
22	9.1	7.0	9.0	8.8	6.9	7.1	4.6	4.3	2.5	2.1	3.7	3.8	22
23	9.2	6.9	9.5	8.4	6.8	6.7	4.6	4.2	2.4	2.4	3.7	3.9	23
24	9.2	6.8	9.9	8.1	6.7	6.4	4.6	4.1	2.3	2.7	3.7	3.9	24
25	9.1	6.8	10.3	7.8	6.6	6.2	4.7	4.0	2.2	2.8	3.7	3.9	25
26	8.9	6.7	10.6	7.6	6.4	6.0	4.7	4.0	2.1	2.9	3.7	3.9	26
27	8.6	6.6	10.8	7.4	6.3	6.0	4.6	3.7	2.3	3.0	3.8	3.9	27
28	8.3	6.6	11.1	7.2	6.2	6.0	4.5	3.5	2.4	3.1	3.8	3.8	28
29	8.1	—x—	11.2	7.0	6.0	6.0	4.5	3.3	2.6	3.2	3.8	3.8	29
30	7.9	—x—	11.3	6.7	5.9	6.0	4.5	3.0	2.8	3.1	3.8	3.8	30
31	7.8	—x—	11.7	—x—	5.9	—x—	4.4	2.7	—x—	3.1	—x—	3.8	31
Sum	211.4	208.6	212.8	310.9	208.5	203.7	160.2	130.5	70.9	73.5	105.2	118.0	Year
Mean	6.8	7.5	8.8	10.3	6.7	6.8	5.2	4.2	2.4	2.4	3.5	3.8	—
High	9.2	8.1	11.7	13.2	8.1	8.1	6.1	4.8	2.8	3.2	3.8	3.9	13.2
Low	5.6	6.6	6.3	6.7	5.9	5.8	4.4	2.7	1.4	1.9	3.2	3.7	1.4

Remarks:

RIVER STAGES

(Mile)

St. Francis River Gauge at Marked Tree, Ark. (148.4) for the calendar year 1934.

Zero elevation 196.6 feet above M. G. L.

Bank full stage 17.0 feet on gauge Flood Stage = 17.0 ft.

U. S. GOVERNMENT PRINTING OFFICE: 1928	36824	DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	6.8	6.0	<u>4.7</u>	11.9	7.0	5.1	3.6	2.0	<u>3.7</u>	<u>3.9</u>	<u>1.8</u>	6.0	1		
2	6.8	6.0	<u>4.7</u>	12.0	6.9	5.1	3.5	2.0	<u>3.7</u>	<u>3.5</u>	2.2	6.1	2		
3	6.8	5.9	5.0	12.1	6.7	5.1	3.5	2.0	<u>3.7</u>	<u>3.8</u>	2.4	6.3	3		
4	6.7	5.8	<u>5.1</u>	12.1	6.6	5.0	3.3	1.9	<u>3.6</u>	<u>3.8</u>	2.5	6.5	4		
5	6.8	5.8	<u>5.1</u>	<u>12.2</u>	6.5	5.0	3.3	1.9	<u>3.5</u>	<u>3.8</u>	2.5	<u>6.6</u>	5		
6	6.8	5.7	5.2	12.2	7.4	5.0	3.2	1.8	3.1	<u>3.8</u>	2.4	6.6	6		
7	6.9	5.2	5.2	12.1	<u>7.7</u>	5.0	<u>3.7</u>	1.7	3.0	<u>3.8</u>	<u>2.6</u>	6.6	7		
8	7.0	5.1	<u>5.4</u>	12.0	7.7	5.0	<u>3.5</u>	1.6	3.0	<u>3.7</u>	2.7	6.6	8		
9	7.0	5.1	<u>5.6</u>	11.8	7.6	4.9	3.4	1.6	3.0	<u>3.6</u>	2.7	6.6	9		
10	7.0	5.0	5.7	11.6	7.4	4.9	3.2	1.6	2.9	<u>3.6</u>	4.5	6.6	10		
11	7.0	4.9	<u>5.7</u>	11.4	7.3	4.9	3.1	1.6	<u>2.8</u>	<u>3.5</u>	4.4	6.1	11		
12	6.9	4.9	5.9	11.1	7.2	4.9	2.7	1.0	1.8	<u>3.5</u>	4.4	5.9	12		
13	6.9	4.8	<u>5.9</u>	10.8	6.9	<u>5.4</u>	2.6	1.0	<u>1.7</u>	2.7	4.4	5.8	13		
14	6.9	4.8	6.0	10.5	6.7	5.4	2.6	1.0	1.8	2.8	4.4	5.8	14		
15	6.8	4.8	6.0	10.2	6.1	5.4	2.6	1.0	1.8	3.0	4.3	5.8	15		
16	6.9	4.7	6.1	10.0	6.1	5.4	2.6	1.0	1.8	3.2	4.3	5.2	16		
17	6.9	4.7	<u>5.8</u>	9.7	6.0	<u>5.4</u>	<u>2.6</u>	<u>0.9</u>	<u>1.9</u>	3.2	<u>3.5</u>	<u>5.0</u>	17		
18	6.9	4.7	<u>5.8</u>	9.5	6.1	5.1	<u>2.5</u>	1.0	<u>3.0</u>	3.1	3.5	<u>5.0</u>	18		
19	6.8	4.6	<u>5.9</u>	9.3	6.1	5.0	2.5	1.0	3.4	3.0	3.5	5.1	19		
20	6.8	4.6	<u>5.9</u>	9.1	6.1	5.0	2.5	1.0	3.3	3.0	3.5	5.1	20		
21	6.8	4.6	<u>5.9</u>	9.0	6.1	5.3	2.5	1.0	3.3	3.0	3.8	5.1	21		
22	6.7	4.6	6.0	8.9	6.0	5.0	2.5	1.1	3.2	<u>2.8</u>	4.8	5.2	22		
23	6.7	4.6	6.0	8.8	6.8	4.9	2.4	1.1	3.2	2.5	5.0	5.2	23		
24	6.7	<u>4.5</u>	6.2	8.6	7.0	4.6	2.4	1.2	3.1	2.3	5.2	5.6	24		
25	6.6	<u>4.5</u>	7.8	8.2	6.9	4.3	<u>2.0</u>	1.3	3.1	2.4	<u>5.5</u>	5.5	25		
26	6.6	<u>4.5</u>	9.2	8.0	6.8	4.1	2.0	<u>3.3</u>	3.0	2.0	<u>5.3</u>	5.4	26		
27	6.4	<u>4.5</u>	10.7	8.0	5.8	4.0	2.0	3.6	3.0	2.0	4.5	<u>5.4</u>	27		
28	6.3	<u>4.6</u>	11.1	7.7	5.8	4.0	2.0	3.7	3.5	2.0	4.7	5.4	28		
29	6.3	<u>X</u>	11.4	7.5	5.2	3.8	2.0	3.7	3.6	<u>1.8</u>	5.7	5.5	29		
30	6.2	<u>X</u>	11.6	<u>7.3</u>	<u>5.0</u>	<u>3.6</u>	2.0	<u>3.8</u>	3.7	1.8	5.9	5.5	30		
31	6.2	<u>X</u>	11.8	<u>X</u>	5.1	<u>X</u>	2.0	3.8	<u>X</u>	1.8	<u>X</u>	5.5	31		
Sum	208.9	139.5	<u>208.4</u>	303.6	202.6	145.6	84.3	56.2	<u>89.2</u>	92.7	116.9	178.6	YEAR		
Mean	6.7	5.0	<u>6.7</u>	10.1	6.5	4.9	2.7	1.8	<u>3.0</u>	3.0	3.9	5.8			
High	7.0	6.0	11.8	12.2	7.7	5.4	3.7	3.8	3.7	3.9	5.5	6.6	12.2		
Low	6.2	4.5	4.7	7.3	5.0	3.6	2.0	0.9	1.7	1.8	1.8	5.0	0.9		

Remarks:

RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. {^{1/48.4} mile} for the calendar year 1933

Zero elevation 196.6 feet above M. S. L.

Bank full stage 17.0 feet on gauge Flood stage = 17.0 ft.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	<u>8.0</u>	<u>11.0</u>	<u>8.6</u>	<u>11.4</u>	<u>12.3</u>	<u>13.8</u>	<u>5.2</u>	<u>4.8</u>	<u>4.5</u>	<u>4.8</u>	<u>4.0</u>	<u>3.7</u>	1
2	<u>8.4</u>	<u>11.0</u>	<u>8.6</u>	<u>12.3</u>	<u>12.3</u>	<u>13.5</u>	<u>5.2</u>	<u>4.8</u>	<u>4.6</u>	<u>4.8</u>	<u>4.0</u>	<u>2.6</u>	2
3	<u>8.3</u>	<u>10.9</u>	<u>8.5</u>	<u>12.7</u>	<u>12.3</u>	<u>13.2</u>	<u>5.0</u>	<u>4.8</u>	<u>4.8</u>	<u>4.8</u>	<u>4.0</u>	<u>4.1</u>	3
4	<u>8.2</u>	<u>10.9</u>	<u>8.4</u>	<u>12.7</u>	<u>12.2</u>	<u>12.9</u>	<u>4.9</u>	<u>4.8</u>	<u>4.9</u>	<u>4.8</u>	<u>3.9</u>	<u>4.2</u>	4
5	<u>8.1</u>	<u>10.9</u>	<u>8.2</u>	<u>12.6</u>	<u>12.5</u>	<u>12.5</u>	<u>4.9</u>	<u>5.0</u>	<u>5.1</u>	<u>4.8</u>	<u>4.0</u>	<u>3.6</u>	5
6	<u>8.0</u>	<u>10.9</u>	<u>8.1</u>	<u>12.7</u>	<u>12.6</u>	<u>12.1</u>	<u>4.8</u>	<u>5.1</u>	<u>5.2</u>	<u>4.9</u>	<u>4.0</u>	<u>4.1</u>	6
7	<u>8.2</u>	<u>10.9</u>	<u>8.0</u>	<u>12.8</u>	<u>12.6</u>	<u>11.7</u>	<u>4.8</u>	<u>5.1</u>	<u>5.3</u>	<u>4.9</u>	<u>4.0</u>	<u>4.1</u>	7
8	<u>8.4</u>	<u>10.8</u>	<u>8.0</u>	<u>12.8</u>	<u>12.7</u>	<u>11.2</u>	<u>4.8</u>	<u>5.1</u>	<u>5.4</u>	<u>4.9</u>	<u>4.0</u>	<u>3.8</u>	8
9	<u>8.6</u>	<u>10.7</u>	<u>8.0</u>	<u>12.8</u>	<u>12.6</u>	<u>10.8</u>	<u>4.7</u>	<u>5.0</u>	<u>5.5</u>	<u>4.9</u>	<u>4.0</u>	<u>3.6</u>	9
10	<u>8.9</u>	<u>10.5</u>	<u>8.1</u>	<u>12.8</u>	<u>12.5</u>	<u>10.0</u>	<u>4.6</u>	<u>4.9</u>	<u>5.4</u>	<u>4.9</u>	<u>4.1</u>	<u>4.5</u>	10
11	<u>9.2</u>	<u>10.3</u>	<u>8.1</u>	<u>13.0</u>	<u>12.1</u>	<u>9.2</u>	<u>4.6</u>	<u>5.0</u>	<u>5.4</u>	<u>4.9</u>	<u>4.1</u>	<u>4.5</u>	11
12	<u>9.5</u>	<u>10.1</u>	<u>8.1</u>	<u>13.1</u>	<u>11.8</u>	<u>8.4</u>	<u>4.5</u>	<u>4.9</u>	<u>5.4</u>	<u>4.9</u>	<u>4.0</u>	<u>5.6</u>	12
13	<u>9.8</u>	<u>9.9</u>	<u>8.1</u>	<u>13.1</u>	<u>11.7</u>	<u>7.9</u>	<u>4.5</u>	<u>5.1</u>	<u>5.4</u>	<u>4.9</u>	<u>4.0</u>	<u>5.6</u>	13
14	<u>10.2</u>	<u>9.8</u>	<u>8.0</u>	<u>13.0</u>	<u>11.7</u>	<u>7.5</u>	<u>4.3</u>	<u>5.1</u>	<u>5.4</u>	<u>4.9</u>	<u>3.9</u>	<u>5.6</u>	14
15	<u>10.5</u>	<u>9.8</u>	<u>7.9</u>	<u>13.1</u>	<u>11.8</u>	<u>7.8</u>	<u>4.2</u>	<u>5.1</u>	<u>5.4</u>	<u>4.9</u>	<u>3.7</u>	<u>5.4</u>	15
16	<u>10.8</u>	<u>9.8</u>	<u>7.9</u>	<u>13.2</u>	<u>11.9</u>	<u>7.5</u>	<u>4.1</u>	<u>5.0</u>	<u>5.4</u>	<u>4.9</u>	<u>3.7</u>	<u>5.2</u>	16
17	<u>11.0</u>	<u>9.9</u>	<u>7.8</u>	<u>13.3</u>	<u>11.9</u>	<u>7.2</u>	<u>4.1</u>	<u>4.9</u>	<u>5.3</u>	<u>4.9</u>	<u>3.6</u>	<u>4.6</u>	17
18	<u>10.9</u>	<u>9.8</u>	<u>7.8</u>	<u>13.3</u>	<u>11.8</u>	<u>6.9</u>	<u>4.0</u>	<u>4.9</u>	<u>5.3</u>	<u>4.3</u>	<u>3.6</u>	<u>5.0</u>	18
19	<u>10.8</u>	<u>9.4</u>	<u>8.0</u>	<u>13.2</u>	<u>11.8</u>	<u>6.6</u>	<u>4.0</u>	<u>4.9</u>	<u>5.3</u>	<u>4.3</u>	<u>3.5</u>	<u>6.2</u>	19
20	<u>10.9</u>	<u>9.3</u>	<u>8.5</u>	<u>13.1</u>	<u>11.8</u>	<u>6.2</u>	<u>3.8</u>	<u>4.9</u>	<u>5.2</u>	<u>4.3</u>	<u>3.4</u>	<u>7.0</u>	20
21	<u>10.0</u>	<u>9.1</u>	<u>8.9</u>	<u>13.0</u>	<u>11.9</u>	<u>6.1</u>	<u>3.8</u>	<u>4.9</u>	<u>5.2</u>	<u>4.3</u>	<u>3.4</u>	<u>7.2</u>	21
22	<u>10.7</u>	<u>9.0</u>	<u>9.1</u>	<u>13.0</u>	<u>12.0</u>	<u>5.9</u>	<u>3.6</u>	<u>4.8</u>	<u>5.1</u>	<u>4.2</u>	<u>3.4</u>	<u>7.3</u>	22
23	<u>11.3</u>	<u>8.9</u>	<u>9.2</u>	<u>12.9</u>	<u>12.1</u>	<u>5.8</u>	<u>3.4</u>	<u>4.8</u>	<u>5.0</u>	<u>4.2</u>	<u>3.1</u>	<u>7.3</u>	23
24	<u>11.9</u>	<u>8.6</u>	<u>9.2</u>	<u>12.8</u>	<u>12.2</u>	<u>5.7</u>	<u>3.4</u>	<u>4.7</u>	<u>5.0</u>	<u>4.2</u>	<u>3.1</u>	<u>7.3</u>	24
25	<u>12.1</u>	<u>8.4</u>	<u>9.2</u>	<u>12.7</u>	<u>13.1</u>	<u>5.4</u>	<u>3.4</u>	<u>4.6</u>	<u>4.9</u>	<u>4.2</u>	<u>3.1</u>	<u>7.0</u>	25
26	<u>11.9</u>	<u>8.1</u>	<u>9.2</u>	<u>12.6</u>	<u>13.6</u>	<u>5.1</u>	<u>3.4</u>	<u>4.6</u>	<u>4.9</u>	<u>4.2</u>	<u>3.2</u>	<u>7.2</u>	26
27	<u>11.7</u>	<u>8.1</u>	<u>9.3</u>	<u>12.5</u>	<u>13.9</u>	<u>5.0</u>	<u>4.0</u>	<u>4.6</u>	<u>4.8</u>	<u>4.2</u>	<u>3.2</u>	<u>7.2</u>	27
28	<u>11.5</u>	<u>7.9</u>	<u>9.4</u>	<u>12.4</u>	<u>14.1</u>	<u>5.3</u>	<u>4.5</u>	<u>4.5</u>	<u>4.7</u>	<u>4.1</u>	<u>3.2</u>	<u>7.2</u>	28
29	<u>11.4</u>	—	<u>9.4</u>	<u>12.4</u>	<u>14.2</u>	<u>5.3</u>	<u>4.6</u>	<u>4.5</u>	<u>4.7</u>	<u>4.1</u>	<u>3.2</u>	<u>7.1</u>	29
30	<u>11.2</u>	—	<u>9.4</u>	<u>12.3</u>	<u>14.0</u>	<u>5.3</u>	<u>4.8</u>	<u>4.5</u>	<u>4.8</u>	<u>4.2</u>	<u>3.5</u>	<u>6.8</u>	30
31	<u>11.1</u>	—	<u>10.0</u>	—	<u>13.9</u>	—	<u>4.9</u>	<u>4.5</u>	—	<u>4.0</u>	—	<u>6.7</u>	31
Sum	311.5	274.7	265.0	383.6	387.9	251.8	134.8	150.2	153.3	141.6	109.9	171.3	Year
Mean	10.0	9.8	8.5	12.8	12.5	8.4	4.3	4.8	5.1	4.6	3.7	5.5	—
High	12.1	11.0	10.0	13.3	14.2	13.8	5.2	5.1	5.5	4.9	4.1	7.3	14.2
Low	8.0	7.9	7.8	11.4	11.7	5.0	3.4	4.5	4.5	4.0	3.1	2.6	2.6

Remarks:

RIVER STAGES

(Mile 148.4)

St. Francis River Gauge at Marked Tree, Arkansas for the calendar year 1932

Zero elevation 196.6 feet above M. G. L.

Bank full stage 17.0 feet on gauge Flood stage = 17.0 feet.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	<u>8.0</u>	<u>18.1</u>	<u>14.0</u>	<u>10.9</u>	7.2	<u>5.3</u>	2.9	2.6	2.4	<u>2.3</u>	<u>2.4</u>	<u>4.7</u>	1
2	<u>8.4</u>	<u>18.2</u>	<u>13.8</u>	<u>11.1</u>	7.0	<u>5.3</u>	3.0	2.6	2.4	<u>2.3</u>	<u>2.3</u>	<u>4.7</u>	2
3	<u>8.5</u>	<u>18.2</u>	<u>13.7</u>	<u>11.1</u>	7.5	<u>5.2</u>	3.0	2.7	<u>2.5</u>	<u>2.3</u>	<u>2.3</u>	<u>4.6</u>	3
4	<u>8.5</u>	<u>18.2</u>	<u>13.7</u>	<u>11.0</u>	<u>7.6</u>	5.1	3.4	2.6	<u>2.4</u>	<u>2.4</u>	<u>2.4</u>	<u>4.6</u>	4
5	<u>8.7</u>	<u>18.1</u>	<u>13.4</u>	<u>10.0</u>	<u>7.4</u>	5.0	4.4	2.8	<u>2.4</u>	<u>2.4</u>	<u>2.4</u>	<u>4.4</u>	5
6	<u>9.1</u>	<u>18.0</u>	<u>13.3</u>	<u>9.6</u>	7.2	<u>5.0</u>	<u>4.6</u>	2.8	<u>2.4</u>	<u>2.4</u>	<u>2.5</u>	<u>4.4</u>	6
7	<u>9.5</u>	<u>17.9</u>	<u>12.9</u>	<u>9.4</u>	7.0	5.0	<u>4.6</u>	2.8	<u>2.4</u>	<u>2.6</u>	<u>2.6</u>	<u>4.3</u>	7
8	<u>9.7</u>	<u>17.8</u>	<u>12.6</u>	<u>10.9</u>	6.8	4.9	<u>4.5</u>	<u>3.9</u>	<u>2.4</u>	<u>2.6</u>	<u>2.7</u>	<u>4.3</u>	8
9	<u>9.8</u>	<u>17.6</u>	<u>12.2</u>	<u>11.5</u>	6.7	4.8	<u>4.5</u>	2.9	<u>2.3</u>	<u>2.6</u>	<u>2.8</u>	<u>4.1</u>	9
10	<u>9.9</u>	<u>17.4</u>	<u>11.7</u>	<u>11.7</u>	6.6	4.8	<u>4.3</u>	2.9	<u>2.4</u>	<u>2.6</u>	<u>2.8</u>	<u>4.2</u>	10
11	<u>9.9</u>	<u>17.2</u>	<u>11.3</u>	<u>11.5</u>	6.5	4.8	<u>4.3</u>	2.9	<u>2.4</u>	<u>2.6</u>	<u>2.8</u>	<u>4.2</u>	11
12	<u>10.4</u>	<u>17.0</u>	<u>10.9</u>	<u>11.4</u>	6.4	4.7	<u>4.3</u>	2.6	<u>2.4</u>	<u>2.8</u>	<u>2.8</u>	<u>4.2</u>	12
13	<u>11.2</u>	<u>16.8</u>	<u>10.4</u>	<u>11.1</u>	6.3	4.7	<u>4.2</u>	2.4	<u>2.4</u>	<u>2.8</u>	<u>3.1</u>	<u>4.2</u>	13
14	<u>11.9</u>	<u>16.6</u>	<u>9.9</u>	<u>10.8</u>	6.2	4.5	<u>4.1</u>	2.3	<u>2.4</u>	<u>2.8</u>	<u>3.2</u>	<u>4.2</u>	14
15	<u>12.9</u>	<u>16.4</u>	<u>9.4</u>	<u>10.7</u>	6.2	4.4	<u>4.0</u>	2.3	<u>2.3</u>	<u>2.8</u>	<u>3.2</u>	<u>4.3</u>	15
16	<u>13.9</u>	<u>16.4</u>	<u>9.0</u>	<u>10.5</u>	6.1	4.4	<u>3.1</u>	2.3	<u>2.3</u>	<u>3.6</u>	<u>3.2</u>	<u>4.3</u>	16
17	<u>14.7</u>	<u>16.3</u>	<u>8.8</u>	<u>10.2</u>	6.0	4.3	<u>3.1</u>	2.3	<u>2.3</u>	<u>3.6</u>	<u>3.8</u>	<u>4.2</u>	17
18	<u>15.3</u>	<u>16.3</u>	<u>9.1</u>	<u>10.0</u>	5.9	4.2	<u>2.9</u>	<u>2.2</u>	<u>2.0</u>	<u>3.6</u>	<u>4.9</u>	<u>4.2</u>	18
19	<u>15.5</u>	<u>16.2</u>	<u>9.1</u>	<u>9.9</u>	5.9	4.0	<u>2.8</u>	<u>2.2</u>	<u>2.0</u>	<u>3.4</u>	<u>5.0</u>	<u>4.2</u>	19
20	<u>15.8</u>	<u>16.0</u>	<u>8.8</u>	<u>9.7</u>	5.9	3.9	<u>4.1</u>	<u>2.4</u>	<u>2.0</u>	<u>3.4</u>	<u>5.0</u>	<u>4.2</u>	20
21	<u>15.9</u>	<u>15.8</u>	<u>8.6</u>	<u>9.4</u>	5.8	3.9	<u>4.0</u>	<u>2.4</u>	<u>2.0</u>	<u>3.2</u>	<u>5.1</u>	<u>4.2</u>	21
22	<u>16.1</u>	<u>15.6</u>	<u>8.2</u>	<u>9.3</u>	<u>5.2</u>	3.8	<u>4.0</u>	<u>2.5</u>	<u>2.0</u>	<u>3.0</u>	<u>5.1</u>	<u>4.2</u>	22
23	<u>16.9</u>	<u>15.5</u>	<u>7.8</u>	<u>9.0</u>	<u>5.5</u>	3.8	<u>3.3</u>	<u>2.5</u>	<u>2.0</u>	<u>2.8</u>	<u>5.1</u>	<u>4.3</u>	23
24	<u>17.3</u>	<u>15.3</u>	<u>7.4</u>	<u>8.9</u>	<u>5.6</u>	3.7	<u>3.0</u>	<u>2.5</u>	<u>1.9</u>	<u>2.6</u>	<u>5.0</u>	<u>4.6</u>	24
25	<u>17.4</u>	<u>15.2</u>	<u>7.2</u>	<u>8.7</u>	<u>5.6</u>	3.4	<u>2.9</u>	<u>2.5</u>	<u>1.9</u>	<u>2.5</u>	<u>5.0</u>	<u>4.8</u>	25
26	<u>17.6</u>	<u>15.0</u>	<u>7.1</u>	<u>8.6</u>	<u>5.5</u>	<u>2.6</u>	<u>2.9</u>	<u>2.5</u>	<u>1.9</u>	<u>2.5</u>	<u>5.0</u>	<u>5.0</u>	26
27	<u>17.7</u>	<u>14.7</u>	<u>7.7</u>	<u>8.4</u>	<u>5.5</u>	<u>2.7</u>	<u>2.9</u>	<u>2.5</u>	<u>1.9</u>	<u>2.6</u>	<u>5.0</u>	<u>4.7</u>	27
28	<u>17.8</u>	<u>14.4</u>	<u>8.0</u>	<u>8.0</u>	<u>5.4</u>	<u>2.7</u>	<u>2.9</u>	<u>2.5</u>	<u>2.0</u>	<u>2.3</u>	<u>5.0</u>	<u>5.2</u>	28
29	<u>17.9</u>	<u>14.1</u>	<u>9.9</u>	<u>7.8</u>	<u>5.4</u>	<u>2.8</u>	<u>2.9</u>	<u>2.5</u>	<u>2.0</u>	<u>2.3</u>	<u>4.9</u>	<u>5.5</u>	29
30	<u>18.0</u>	—*	<u>10.2</u>	<u>7.5</u>	<u>5.4</u>	<u>2.8</u>	<u>2.9</u>	<u>2.5</u>	<u>2.1</u>	<u>2.3</u>	<u>4.9</u>	<u>5.9</u>	30
31	<u>18.1</u>	—*	<u>10.5</u>	—*	<u>5.4</u>	—*	<u>2.6</u>	<u>2.5</u>	—*	<u>2.3</u>	—*	<u>7.0</u>	31
Sum	412.3	480.3	320.6	298.6	192.7	126.5	110.4	78.9	66.2	84.3	112.3	141.9	Year
Mean	13.3	16.6	10.3	9.7	6.2	4.2	3.6	2.5	2.2	2.7	3.7	4.6	—
High	18.1	18.2	14.0	11.7	7.6	5.3	4.6	2.9	2.5	3.6	5.1	7.0	14.0
Low	8.0	14.1	7.1	7.5	5.2	2.6	2.6	2.2	1.9	2.3	2.3	4.1	1.9

Remarks: Oct. 17, 1932:- Discharge St. Francis River at Marked Tree, Ark. - 1218 c.f.s.

" 18, 1932:- Discharge " " " " Steep Gut - 1268 c.f.s.

No flow in Oak Donnick- Steep Gut Floodway.

RIVER STAGES

St. Francis River Gauge at Marked Tree, Arkansas for the calendar year 1931
 196.575 feet above M. S. L. - N. A. E. Datum.
 Zero elevation 196.6 feet above M. S. L. (U.S.W.B. Book - 1930)
 Flood stage = 17.0 feet. Bankfull stage = 17.0 feet.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	1.7	1.7	5.1	<u>6.6</u>	4.9	<u>3.2</u>	1.8	2.1	<u>3.3</u>	1.9	1.5	<u>4.2</u>	1
2	<u>1.6</u>	1.7	5.1	<u>6.5</u>	5.0	<u>3.0</u>	1.8	2.0	<u>3.3</u>	1.9	1.5	<u>4.2</u>	2
3	<u>1.6</u>	1.7	5.1	6.5	5.0	<u>3.0</u>	1.8	1.9	<u>3.3</u>	1.9	1.5	<u>4.4</u>	3
4	1.6	1.7	4.9	6.4	4.9	<u>3.0</u>	1.7	1.9	<u>3.2</u>	1.9	1.5	<u>4.5</u>	4
5	1.6	1.7	4.7	6.2	4.9	<u>3.0</u>	1.8	<u>1.8</u>	<u>3.2</u>	1.9	1.5	<u>4.6</u>	5
6	1.6	<u>1.6</u>	4.5	6.1	4.8	2.8	1.8	<u>1.8</u>	<u>3.2</u>	1.8	1.5	<u>4.6</u>	6
7	1.6	1.6	4.5	6.0	4.8	2.8	2.0	1.8	<u>3.2</u>	1.8	1.5	<u>4.6</u>	7
8	1.6	1.6	4.5	5.8	4.9	2.8	2.0	2.1	<u>3.3</u>	1.8	1.5	<u>4.6</u>	8
9	1.6	2.0	<u>4.4</u>	5.6	4.9	2.7	2.0	2.9	<u>3.3</u>	1.6	1.5	<u>4.7</u>	9
10	1.6	2.3	4.4	5.5	4.9	2.7	2.0	3.0	<u>3.2</u>	1.6	1.5	<u>4.7</u>	10
11	1.7	2.6	4.4	5.5	4.9	2.6	1.9	<u>3.2</u>	<u>3.2</u>	1.6	1.5	<u>4.7</u>	11
12	<u>1.8</u>	2.8	4.6	5.4	5.0	2.6	1.9	<u>3.2</u>	2.8	1.6	1.5	<u>4.7</u>	12
13	1.8	3.1	4.7	5.3	<u>5.1</u>	2.6	1.9	3.2	2.7	1.6	1.5	<u>5.7</u>	13
14	1.8	3.8	4.8	5.2	<u>5.0</u>	2.5	<u>0.5</u>	3.2	2.7	1.0	1.5	<u>6.7</u>	14
15	1.8	3.9	4.9	5.1	<u>5.0</u>	2.5	<u>0.5</u>	3.0	2.6	<u>0.6</u>	<u>1.4</u>	7.1	15
16	1.8	4.0	4.9	4.9	<u>5.0</u>	2.4	<u>0.5</u>	2.9	2.6	<u>0.6</u>	<u>1.4</u>	7.2	16
17	1.8	4.1	5.0	4.8	4.8	2.4	<u>0.5</u>	2.9	2.4	<u>2.9</u>	1.4	7.1	17
18	1.8	4.2	5.1	4.6	4.5	2.3	1.4	2.6	2.3	<u>1.8</u>	1.5	7.0	18
19	1.8	4.2	5.1	4.6	4.4	2.3	1.4	2.4	2.3	2.1	1.5	7.0	19
20	1.8	4.2	5.1	<u>4.4</u>	4.4	2.1	1.4	2.3	2.1	2.1	1.8	7.2	20
21	1.8	4.0	6.0	<u>4.7</u>	4.4	2.0	1.7	2.3	2.0	1.6	3.0	7.4	21
22	1.8	<u>4.6</u>	6.3	<u>4.7</u>	4.2	2.0	1.8	<u>2.1</u>	<u>1.7</u>	1.6	3.1	<u>7.5</u>	22
23	1.8	<u>4.7</u>	6.5	<u>4.7</u>	4.0	1.9	2.1	2.1	<u>1.7</u>	1.6	3.3	<u>7.6</u>	23
24	1.8	<u>4.8</u>	6.7	<u>4.7</u>	3.9	1.9	2.8	2.0	<u>1.7</u>	1.6	3.4	<u>7.6</u>	24
25	1.8	<u>5.3</u>	6.7	<u>4.7</u>	3.9	1.9	2.9	2.0	<u>1.7</u>	0.6	3.4	<u>7.5</u>	25
26	1.8	<u>5.2</u>	6.1	<u>4.8</u>	<u>3.2</u>	1.9	<u>3.0</u>	1.9	2.0	2.5	3.5	<u>7.5</u>	26
27	1.8	<u>5.1</u>	6.8	<u>4.9</u>	<u>3.6</u>	1.9	<u>3.0</u>	1.9	2.0	1.6	3.6	<u>7.5</u>	27
28	1.8	<u>5.1</u>	7.0	<u>4.9</u>	3.5	<u>1.8</u>	2.8	1.9	2.0	1.6	3.6	<u>7.3</u>	28
29	1.8	<u>—</u>	<u>7.1</u>	<u>4.9</u>	3.4	<u>1.8</u>	2.4	2.3	1.9	1.8	3.8	<u>7.5</u>	29
30	1.8	<u>—</u>	<u>7.0</u>	<u>4.9</u>	3.3	1.8	2.3	2.0	1.9	1.8	<u>4.0</u>	<u>7.4</u>	30
31	1.7	<u>—</u>	<u>6.7</u>	<u>X</u>	3.2	<u>X</u>	2.3	3.0	<u>X</u>	1.6	<u>X</u>	<u>7.5</u>	31
Sum	53.7	93.3	169.3	158.9	137.7	12.2	57.7	73.7	76.8	51.9	64.7	191.9	Year
Mean	1.7	3.3	5.5	5.3	4.4	2.4	1.9	2.4	2.6	1.7	2.2	6.2	—
High	1.8	5.3	7.1	6.6	5.1	3.2	3.0	3.2	3.3	2.9	4.0	<u>7.6</u>	7.6
Low	1.6	1.6	4.4	4.4	3.2	1.8	0.5	1.8	1.7	0.6	1.4	4.2	0.5

Remarks: Nov. 12 Gage 145 by Seavey; Q = 526 c.f.s.

—=Highest Nov. 11, Q at Steep Gut = 460 c.f.s.

—=Lowest

RIVER STAGES

St. Francis River Gauge at Marked Tree, Arkansas for the calendar year 1930

196.575 feet above M. T. L. U.S. E. datum.

Zero elevation 196.6 feet above M. S. I. (U.S.W.B. Book, 1930)

Flood stage = 17 feet.

Bankfull stage = 17 feet

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	<u>7.4</u>	18.6	<u>15.8</u>	8.8	4.6	<u>4.9</u>	2.0	<u>1.2</u>	<u>0.6</u>	0.7	<u>0.7</u>	1.2	1
2	7.6	18.6	15.5	9.0	4.5	4.6	1.0	1.0	<u>0.6</u>	0.7	<u>0.7</u>	1.2	2
3	7.6	18.6	15.1	<u>9.2</u>	4.4	4.4	2.0	1.0	0.6	0.6	<u>0.7</u>	1.2	3
4	7.6	<u>18.7</u>	14.8	<u>9.2</u>	4.3	4.2	2.0	1.0	0.6	0.6	<u>0.7</u>	1.2	4
5	7.6	<u>18.7</u>	14.4	9.1	4.3	4.0	<u>2.1</u>	1.0	0.6	0.6	<u>0.7</u>	1.2	5
6	7.6	<u>18.7</u>	14.0	8.9	4.2	4.0	<u>2.0</u>	1.0	0.6	0.6	<u>0.7</u>	<u>0.7</u>	6
7	7.6	18.6	13.8	8.7	4.2	3.9	2.0	1.0	0.6	0.6	<u>0.7</u>	1.4	7
8	8.8	18.6	13.6	<u>8.4</u>	<u>4.0</u>	3.8	1.9	0.9	0.6	0.6	<u>0.7</u>	1.4	8
9	10.8	18.5	13.3	8.2	4.3	3.7	1.8	0.9	0.6	0.6	<u>0.7</u>	1.5	9
10	12.4	18.4	13.0	8.2	4.8	3.5	1.8	0.8	0.6	0.6	<u>0.7</u>	1.5	10
11	13.5	18.3	12.9	8.0	5.8	32.3	1.8	0.8	0.6	0.6	<u>0.8</u>	1.5	11
12	14.5	<u>18.2</u>	12.7	7.8	6.0	3.5	1.7	0.8	<u>0.7</u>	0.6	<u>0.8</u>	1.5	12
13	15.6	18.2	12.5	7.6	5.7	3.4	1.7	0.8	<u>0.7</u>	0.6	<u>0.8</u>	1.5	13
14	16.5	18.1	12.2	7.3	5.7	3.2	1.6	0.8	0.7	0.6	<u>0.8</u>	1.5	14
15	17.1	18.0	11.9	7.0	5.7	3.2	1.6	0.8	0.7	0.6	<u>0.8</u>	1.5	15
16	17.4	17.8	11.7	6.8	5.7	3.1	1.6	0.9	0.7	<u>0.5</u>	<u>0.8</u>	1.5	16
17	17.6	17.7	11.4	6.7	5.8	3.1	1.6	0.9	0.6	<u>0.5</u>	<u>0.8</u>	1.5	17
18	17.8	17.6	11.0	6.5	6.8	3.0	1.5	1.0	0.6	0.6	<u>0.9</u>	1.5	18
19	18.1	<u>17.5</u>	10.9	6.3	8.6	2.9	1.5	1.0	0.6	0.6	<u>0.9</u>	1.6	19
20	18.2	17.3	10.7	6.1	<u>9.4</u>	2.8	1.5	1.0	0.6	0.7	<u>0.9</u>	1.6	20
21	18.4	17.2	10.5	5.9	<u>9.1</u>	2.8	1.4	1.1	0.6	0.7	<u>0.9</u>	1.6	21
22	18.5	17.1	10.4	6.0	8.6	2.7	1.4	1.1	0.6	0.7	<u>0.9</u>	1.6	22
23	18.5	16.9	10.2	5.8	8.0	2.6	1.4	0.9	0.6	0.7	<u>0.9</u>	1.6	23
24	18.5	16.8	10.0	5.6	7.5	2.5	1.4	0.9	0.6	0.7	<u>0.9</u>	1.6	24
25	18.5	16.6	10.0	5.5	7.0	2.5	1.4	0.9	0.6	<u>0.8</u>	<u>1.0</u>	1.6	25
26	18.5	16.5	9.8	5.4	6.5	2.4	1.4	0.8	0.6	<u>0.8</u>	<u>1.0</u>	1.6	26
27	<u>18.6</u>	16.3	9.8	5.1	6.2	2.3	1.4	0.8	0.6	0.8	<u>1.0</u>	1.6	27
28	18.6	<u>16.0</u>	9.6	5.0	6.0	2.3	1.4	0.8	0.6	0.8	<u>1.0</u>	1.6	28
29	18.6	<u>X</u>	9.4	4.8	5.7	<u>2.2</u>	1.4	0.7	0.6	0.8	<u>1.1</u>	<u>1.7</u>	29
30	18.6	<u>X</u>	9.2	<u>4.7</u>	5.4	<u>2.2</u>	<u>1.2</u>	0.7	0.6	0.7	<u>1.2</u>	<u>1.7</u>	30
31	18.6	<u>X</u>	<u>9.0</u>	<u>X</u>	5.1	<u>X</u>	<u>1.2</u>	<u>0.6</u>	<u>X</u>	<u>0.7</u>	<u>X</u>	<u>1.7</u>	31
Sum	455.2	498.1	369.1	211.6	183.9	96.0	50.7	27.9	18.5	20.3	25.2	45.6	Year
Mean	14.7	17.8	11.9	7.1	5.9	3.2	1.6	0.9	0.6	0.7	0.8	1.5	<u>—</u>
High	18.6	<u>18.7</u>	15.8	9.2	9.4	4.9	2.1	1.2	0.7	0.8	1.2	1.7	18.7
Low	7.4	16.0	9.0	4.7	4.0	2.2	1.2	0.6	0.6	0.5	0.7	0.7	0.5

Remarks: Gaging July 20, by E.M. Ray — Discharge 480 c.f.s. at $\frac{1}{2}$ mi below river gage.

= Highest = Lowest

July 20, at Steep Gut } In floodway ditches - - - - 368 c.f.s.
 } In main river above junction 625 c.f.s. Total at junction = 993 c.f.s.
 } Measured in pier below junction 1,035 c.f.s.

RIVER STAGES

St. Francis

River Gauge at

Marked Tree, Ark.

for the calendar year 1929.

Zero elevation 196.6

feet above M. S. T.

Bank full = 17.0 feet.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.7	12.8	13.5	14.6	16.0	17.2	7.6	4.8	2.8	2.4	2.2	2.6	1
2	11.8	13.4	13.5	14.4	16.0	17.0	7.3	4.8	2.7	2.3	2.3	2.6	2
3	11.9	14.0	13.6	14.5	15.9	16.8	7.8	4.5	2.7	2.3	2.4	2.6	3
4	11.9	14.5	13.9	14.4	15.7	16.5	7.8	4.1	2.5	2.3	2.4	2.5	4
5	11.8	15.0	14.3	14.3	15.5	16.2	6.4	3.9	2.5	2.6	2.4	2.5	5
6	11.5	15.4	14.8	14.2	15.4	15.8	6.0	3.7	2.5	2.6	2.5	2.5	6
7	11.2	15.6	15.3	14.0	15.1	15.3	5.6	3.5	2.5	2.5	2.5	2.5	7
8	10.8	15.9	15.7	13.9	14.9	14.9	5.2	3.3	2.8	2.6	2.5	2.6	8
9	10.5	16.2	16.0	14.0	15.3	14.2	5.0	3.3	3.0	2.6	2.5	2.6	9
10	10.1	16.2	16.2	14.1	15.4	13.8	4.9	3.5	3.2	2.4	2.5	2.6	10
11	9.8	16.2	16.4	14.3	15.5	12.9	4.9	3.5	3.4	2.4	2.5	2.6	11
12	9.3	16.1	16.5	14.4	15.4	12.3	4.8	3.9	3.4	2.4	2.5	2.6	12
13	8.8	16.0	16.1	14.4	15.4	11.5	4.1	4.3	3.2	2.3	2.6	2.5	13
14	8.6	15.9	16.8	14.3	15.4	10.8	4.6	4.6	3.0	2.3	2.7	2.5	14
15	8.3	15.7	16.9	14.5	15.5	10.2	4.6	4.9	3.0	2.3	2.7	2.5	15
16	8.2	15.4	17.0	14.6	15.5	9.5	4.6	5.0	3.0	2.2	2.8	2.5	16
17	8.1	15.2	17.0	14.7	15.6	9.1	4.6	4.9	3.0	2.1	2.8	2.5	17
18	8.0	14.8	17.0	14.7	15.6	8.8	4.6	4.1	3.0	2.0	2.8	2.8	18
19	8.4	14.4	16.9	14.7	15.9	8.3	4.7	4.5	3.0	2.0	2.9	3.2	19
20	8.6	14.0	16.8	14.7	16.2	7.9	4.7	4.3	3.0	2.0	3.0	3.4	20
21	8.7	13.5	16.7	14.9	16.4	7.8	4.7	3.9	2.9	2.0	3.0	4.0	21
22	8.7	12.9	16.6	15.1	16.5	7.6	4.7	3.7	2.8	2.0	2.8	4.2	22
23	8.5	12.4	16.3	15.4	16.7	7.4	4.7	3.5	2.7	2.0	2.8	4.8	23
24	8.4	12.0	16.0	15.4	16.9	7.4	4.7	3.3	2.7	2.0	2.8	5.3	24
25	9.0	11.6	15.8	15.7	17.0	7.4	4.4	3.0	1.9	2.0	2.7	5.7	25
26	9.7	12.6	15.5	15.8	17.3	7.5	4.6	3.1	2.7	2.0	2.7	6.0	26
27	10.2	13.0	15.1	15.9	17.4	7.5	4.6	3.1	2.7	1.0	2.7	6.2	27
28	10.5	13.4	15.0	15.9	17.5	7.6	4.7	3.0	2.7	0.6	2.7	6.4	28
29	11.0	X	14.8	15.9	17.5	7.6	4.8	3.0	2.6	2.0	2.7	6.9	29
30	11.6	X	14.6	15.9	17.4	7.6	4.9	2.9	2.5	2.0	2.6	7.2	30
31	12.2	X	14.6	X	17.3	X	4.9	2.9	X	2.0	X	7.4	31
Sum	307.8	404.4	485.8	443.6	499.1	334.4	161.3	119.4	84.4	66.2	79.0	116.8	Year
Mean	9.9	14.4	15.7	14.8	16.1	11.1	5.2	3.9	2.8	2.1	2.6	3.8	8.6
High	12.2	16.2	17.0	15.9	17.5	17.2	7.8	5.0	3.4	2.6	3.0	7.4	17.5
Low	8.0	11.6	13.5	13.9	14.9	7.4	4.6	2.9	1.9	0.6	2.2	2.5	0.6

= Highest — Lowest

Remarks:

RIVER STAGES

St. Francis River Gauge at Marked Tree for the calendar year 1928
 Zero elevation 196.6 feet above Msl. Bank full = 17.0 feet.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	9.9	<u>9.2</u>	<u>8.0</u>	7.6	13.9	6.8	17.8	<u>11.3</u>	4.4	2.3	5.5	<u>5.6</u>	1
2	<u>10.0</u>	9.2	<u>8.0</u>	7.5	13.9	6.7	18.0	<u>10.6</u>	4.7	2.8	5.5	<u>5.9</u>	2
3	10.0	9.1	<u>8.0</u>	7.4	13.9	<u>6.5</u>	18.1	9.8	4.7	2.8	5.5	6.0	3
4	10.0	9.0	<u>8.1</u>	7.4	13.9	6.9	18.2	9.0	4.5	<u>1.7</u>	5.3	6.0	4
5	10.0	8.9	<u>8.2</u>	<u>7.7</u>	<u>14.0</u>	7.0	<u>18.3</u>	8.4	<u>4.5</u>	<u>3.0</u>	5.2	6.2	5
6	9.8	8.9	<u>8.3</u>	<u>8.2</u>	<u>14.0</u>	8.0	<u>18.3</u>	7.8	4.6	3.1	5.2	6.3	6
7	9.7	8.9	<u>8.4</u>	9.3	14.0	6.9	<u>18.3</u>	7.2	<u>4.8</u>	3.1	5.1	6.5	7
8	9.7	8.9	<u>8.4</u>	9.9	13.8	6.8	<u>18.3</u>	7.0	5.1	3.1	5.1	6.5	8
9	9.7	9.0	<u>8.6</u>	9.8	13.6	7.1	<u>18.3</u>	7.0	<u>5.2</u>	3.1	5.5	6.6	9
10	9.6	8.9	<u>8.7</u>	9.6	13.5	7.3	<u>18.3</u>	6.8	<u>4.9</u>	3.0	5.6	6.8	10
11	9.5	8.8	<u>8.8</u>	9.5	13.3	7.8	<u>18.2</u>	6.3	4.6	3.0	5.5	6.8	11
12	9.3	8.6	<u>8.8</u>	9.6	13.0	9.0	<u>18.2</u>	5.8	4.4	2.8	5.5	7.2	12
13	9.1	8.5	<u>8.8</u>	9.7	12.6	9.6	<u>18.1</u>	5.3	4.0	2.7	5.4	7.5	13
14	8.9	8.4	<u>8.7</u>	9.9	12.3	10.4	<u>18.0</u>	5.0	3.8	2.6	5.5	7.8	14
15	8.7	8.5	<u>8.7</u>	10.0	11.9	11.3	<u>17.9</u>	4.7	3.6	2.6	5.5	8.0	15
16	8.5	8.5	<u>8.8</u>	10.2	11.5	12.2	<u>17.9</u>	4.6	3.6	2.6	5.4	8.5	16
17	8.4	8.4	<u>8.8</u>	10.4	11.0	12.9	<u>17.7</u>	4.5	3.3	2.7	5.4	9.0	17
18	<u>8.3</u>	8.5	<u>8.8</u>	10.4	10.5	13.5	<u>17.5</u>	4.4	3.1	3.0	5.2	9.6	18
19	8.4	8.5	<u>8.7</u>	10.5	10.0	14.0	<u>17.2</u>	4.5	3.0	3.7	5.1	10.2	19
20	8.9	8.4	<u>8.4</u>	10.6	9.5	19.5	<u>17.0</u>	4.4	2.9	3.7	5.1	10.4	20
21	9.1	8.3	<u>8.2</u>	11.0	9.0	15.0	<u>16.8</u>	4.4	2.9	3.7	<u>5.9</u>	10.6	21
22	9.1	8.2	<u>8.0</u>	12.7	8.8	15.9	<u>16.5</u>	4.3	2.9	4.6	<u>5.9</u>	10.8	22
23	9.0	8.1	<u>8.0</u>	13.5	9.0	16.0	<u>16.2</u>	4.2	2.7	4.3	5.7	11.0	23
24	9.0	8.1	<u>8.0</u>	14.0	8.8	16.4	<u>15.9</u>	<u>4.1</u>	2.6	4.7	5.7	11.2	24
25	9.1	8.0	<u>8.0</u>	<u>14.2</u>	8.4	16.7	<u>15.4</u>	4.2	2.6	5.0	5.7	11.3	25
26	9.1	8.0	<u>8.0</u>	14.0	8.0	17.0	<u>15.0</u>	4.2	2.6	5.2	<u>4.8</u>	11.4	26
27	9.2	<u>7.9</u>	<u>8.0</u>	14.0	7.8	17.2	<u>14.6</u>	4.3	2.5	5.2	<u>4.9</u>	11.5	27
28	9.2	7.9	<u>8.0</u>	14.0	7.5	17.3	<u>14.0</u>	4.3	2.5	<u>5.9</u>	5.1	11.5	28
29	9.2	8.0	<u>8.0</u>	13.9	7.3	17.5	<u>13.6</u>	4.2	2.5	<u>5.9</u>	5.2	11.5	29
30	9.2	—X—	<u>8.0</u>	13.9	7.1	<u>17.7</u>	<u>13.0</u>	4.2	<u>3.4</u>	5.8	<u>5.4</u>	<u>11.6</u>	30
31	9.2	—X—	<u>8.0</u>	—X—	7.0	—X—	<u>12.2</u>	4.4	—X—	5.8	—X—	<u>11.6</u>	31
Sum	287.0	247.6	258.2	319.9	342.8	350.4	522.8	181.2	109.9	113.5	161.4	271.4	Year
Mean	9.3	8.5	8.3	10.7	10.1	11.7	16.9	5.8	3.7	3.7	5.4	8.8	—
High	10.0	9.2	8.8	14.2	14.0	17.7	18.3	11.3	5.2	5.9	5.9	11.6	18.3
Low	8.3	7.9	8.0	7.2	7.0	6.5	12.2	4.1	2.4	1.7	4.8	5.6	1.7

= Highest — = Lowest

Remarks:

RIVER STAGES

Park's Aug 1909 says low stage
on County bridge = 22.3 on gage.
But is that the present gage?

St Francis

River Gauge at MARKED TREE ARK.

for the calendar year 1927

Zero elevation 196.6 feet above M.L.

Low steel of County bridge = 23.7 on gage. Low steel on Big bridge = 27.1 m.

gage

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.2	17.1	14.5	16.7	19.9	18.1	16.2	6.2	6.0	3.2	4.8	7.3	1
2	11.4	17.3	14.1	16.7	19.9	18.1	15.9	6.2	5.8	3.5	1.7	7.3	2
3	11.7	17.5	13.7	16.8	19.9	18.1	15.7	6.2	5.6	3.5	1.7	7.3	3
4	11.9	17.6	13.2	16.8	19.8	18.0	15.3	6.3	5.5	3.6	1.8	7.4	4
5	12.3	17.7	12.2	16.8	19.8	17.9	14.8	6.4	5.2	3.6	1.8	7.4	5
6	12.5	17.9	12.7	16.8	19.9	17.9	14.3	6.4	5.0	3.7	1.6	7.2	6
7	12.5	18.0	12.5	16.8	20.0	17.9	13.8	6.4	4.9	4.3	1.6	7.1	7
8	12.5	18.0	12.4	16.9	20.0	17.8	13.2	6.4	4.8	4.6	1.8	6.9	8
9	12.5	18.0	12.5	17.0	20.0	17.7	12.8	6.5	4.7	4.7	2.5	6.7	9
10	12.4	18.0	12.5	17.1	20.1	17.6	11.8	6.8	4.6	4.9	2.7	6.4	10
11	12.2	18.0	12.4	17.2	20.0	17.5	11.3	6.6	4.6	5.0	2.8	6.2	11
12	12.0	17.9	12.7	17.3	19.9	17.4	10.8	6.8	4.5	5.2	2.8	6.1	12
13	11.8	17.8	13.8	17.6	19.8	17.4	10.3	6.8	4.4	5.4	2.9	6.0	13
14	11.4	17.7	14.1	17.8	19.6	17.3	9.9	6.7	4.3	5.7	3.3	6.0	14
15	11.1	17.6	14.1	18.3	19.5	17.3	9.6	6.6	4.2	6.8	3.4	5.9	15
16	10.8	17.5	14.0	18.4	19.4	17.2	9.3	6.4	4.0	7.0	3.7	5.8	16
17	10.5	17.4	14.0	18.4	19.4	17.1	9.6	6.3	4.0	5.0	4.7	5.8	17
18	10.2	17.4	13.9	18.5	19.3	17.0	9.3	6.3	4.0	6.0	5.2	5.8	18
19	10.1	17.2	13.9	18.5	19.3	16.9	9.0	6.3	3.9	7.0	5.4	5.8	19
20	10.3	17.1	13.8	18.6	19.2	16.9	8.1	6.3	3.8	7.1	5.5	5.8	20
21	10.8	16.9	14.1	18.8	19.1	16.9	8.4	6.3	3.8	7.0	5.5	5.8	21
22	11.2	16.7	14.8	18.8	19.0	16.9	8.1	6.4	3.6	6.8	6.0	6.1	22
23	11.5	16.5	15.3	18.8	18.9	16.9	7.9	6.5	3.4	6.6	6.6	6.3	23
24	12.2	16.3	15.7	18.8	18.7	16.9	7.7	6.6	3.3	6.4	6.7	6.4	24
25	13.4	16.0	15.9	18.8	18.6	16.8	7.4	6.7	3.3	6.2	6.9	6.8	25
26	14.0	15.7	16.1	18.9	18.5	16.8	7.2	6.7	3.3	6.0	6.7	7.1	26
27	14.6	15.3	16.3	19.2	18.4	16.7	7.0	6.7	3.2	5.8	7.1	7.4	27
28	15.1	14.4	16.3	19.5	18.3	16.6	6.8	6.7	3.3	5.5	7.2	8.0	28
29	15.5	—	16.4	19.8	18.3	16.5	6.6	6.6	3.2	5.3	7.3	8.8	29
30	16.2	—	16.5	19.9	18.2	16.4	6.4	6.5	3.2	5.0	7.3	9.3	30
31	16.7	—	16.5	—	18.1	—	6.3	6.2	—	4.9	—	9.6	31
Sum	382.5	480.5	441.4	540.3	598.1	518.5	321.4	200.8	127.4	165.3	129.0	211.8	Year
Mean	12.3	17.2	14.2	18.0	19.3	17.3	10.4	6.5	4.2	5.3	4.3	6.8	—
High	16.7	18.0	16.5	19.9	20.1	18.1	16.1	6.8	6.0	7.1	7.3	9.6	20.1
Low	10.1	14.9	12.4	16.7	18.1	16.4	6.3	6.2	3.2	3.2	1.6	5.8	1.6

Remarks: H.W Feb 1923 = 19.1 } Fifty-one (51) feet stage Helms gage puts backwater to "zero"
 — = Highest Apr 1922 = 19.3 } on Marked Tree Gage.
 — = Lowest Feb 1916 = 18.9

Mississippi } Apr 1913 = 25.1
 (levees broke) Apr 1912 = 24.2

Jan 1907 = 19.8

May 1927 = 20.1

RIVER STAGES

St. Francis River Gauge at Married Tree

for the calendar year 1926

Zero elevation 196.6 feet above M.S.L.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	9.5	14.7	8.0	10.2	9.1	4.3	3.1	2.7	6.5	3.1	3.2	5.2	1
2	9.4	14.8	7.5	10.0	8.7	4.1	3.0	2.7	6.6	3.2	3.2	4.7	2
3	9.2	14.8	8.1	9.9	8.5	4.2	3.0	2.7	6.6	3.2	3.3	4.8	3
4	9.0	14.7	8.2	9.8	8.3	4.2	3.0	2.7	6.6	3.2	3.3	4.5	4
5	8.8	14.6	8.2	9.8	8.0	4.2	2.9	2.7	6.5	3.3	3.4	4.5	5
6	8.7	14.4	8.2	10.0	7.8	4.2	2.8	2.7	6.5	3.2	3.4	4.5	6
7	8.5	14.2	8.3	10.1	7.5	4.3	3.0	2.7	6.3	3.2	3.4	5.5	7
8	8.3	14.0	8.4	10.1	7.4	4.4	3.1	2.7	5.7	3.2	3.4	4.6	8
9	8.2	13.8	8.6	10.2	7.2	4.3	3.0	2.7	5.5	3.2	3.4	5.4	9
10	8.1	13.5	8.8	10.5	7.0	4.1	2.9	2.7	5.4	3.2	3.7	5.4	10
11	8.0	13.1	9.2	10.7	6.8	4.0	2.8	2.7	5.2	3.4	3.7	5.6	11
12	7.9	12.8	11.0	10.8	6.6	4.0	2.8	2.7	4.9	3.3	3.7	5.7	12
13	7.7	12.6	12.0	10.9	6.6	3.9	2.7	2.5	4.9	3.3	3.4	5.7	13
14	7.5	12.3	12.0	11.0	6.3	3.9	2.7	2.4	4.8	3.3	3.4	5.9	14
15	7.5	12.1	13.2	11.0	5.3	3.9	2.7	2.4	4.6	3.2	4.0	6.0	15
16	7.4	11.8	13.4	11.0	5.1	3.9	2.6	2.2	4.4	3.2	4.1	5.8	16
17	7.5	11.3	13.5	11.2	5.1	3.8	2.6	3.1	4.3	3.2	4.4	5.8	17
18	7.7	11.2	13.5	11.2	5.1	3.8	2.6	3.3	4.0	3.2	4.4	5.7	18
19	7.9	11.0	13.3	11.2	5.0	3.8	2.6	3.5	3.8	3.2	4.5	5.8	19
20	8.0	10.7	13.1	11.1	5.0	3.7	2.6	3.1	3.8	3.2	4.6	5.8	20
21	8.6	10.3	12.8	11.0	5.0	3.7	2.5	3.3	3.6	3.2	4.4	6.4	21
22	10.1	9.9	12.4	10.9	4.9	3.6	2.5	2.0	3.5	3.1	4.5	6.5	22
23	10.9	8.4	12.1	10.8	4.8	3.6	2.4	3.3	3.4	3.1	4.5	6.8	23
24	11.4	7.9	11.8	10.6	4.9	3.6	2.3	1	3.4	3.1	4.5	7.2	24
25	11.9	8.0	11.4	10.4	4.8	3.6	2.3	5.7	3.3	3.2	4.5	7.6	25
26	12.5	8.0	11.2	10.2	4.8	3.5	2.3	5.8	3.3	3.2	4.6	8.0	26
27	13.0	8.0	11.0	10.0	4.7	3.4	2.6	6.0	3.2	3.2	4.7	8.3	27
28	13.6	8.1	10.7	9.8	4.7	3.3	2.6	6.1	3.2	3.2	4.7	9.3	28
29	14.1	-X-	10.4	9.6	4.6	3.2	2.6	6.3	3.1	3.2	4.8	10.3	29
30	14.4	-X-	10.2	9.4	4.5	3.2	2.6	6.4	3.2	3.2	5.0	10.9	30
31	14.6	-X-	10.3	-X-	4.5	-X	2.7	6.5	-X	3.2	-X	11.3	31
Sum	299.9	331.0	331.6	313.4	188.6	115.7	83.9	111.4	135.9	99.4	119.6	199.5	Year
Mean	9.7	11.8	10.7	10.5	6.1	3.9	2.7	3.6	4.5	3.2	4.0	6.4	-
High	14.6	14.8	13.5	11.2	9.1	4.4	3.1	6.5	6.6	3.4	5.0	11.3	14.8
Low	7.4	7.9	7.5	9.4	4.5	3.2	2.3	2.0	2.5	3.1	3.2	4.5	2.0

Remarks: Flood stage 17.0

- = Highest - = Lowest

RIVER STAGES

St. Francis River Gauge at Marked Tree

for the calendar year 1925

Zero elevation 196.6 feet above M.L.

S.

feet above M.L.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	5.2	<u>5.4</u>	11.8	<u>10.7</u>	6.5	4.0	<u>4.4</u>	<u>2.0</u>	0.9	<u>3.8</u>	15.2	<u>16.1</u>	1
2	5.2	<u>5.7</u>	<u>12.0</u>	<u>10.6</u>	6.6	3.9	<u>4.2</u>	<u>2.0</u>	0.9	<u>4.0</u>	15.4	<u>16.0</u>	2
3	<u>5.3</u>	<u>5.9</u>	<u>12.0</u>	<u>10.4</u>	6.7	<u>3.8</u>	<u>3.7</u>	<u>2.0</u>	0.8	<u>4.2</u>	15.6	<u>16.0</u>	3
4	<u>5.4</u>	6.0	12.0	<u>10.3</u>	<u>6.8</u>	<u>3.7</u>	<u>3.7</u>	<u>1.9</u>	0.9	<u>4.6</u>	15.7	<u>16.0</u>	4
5	<u>5.4</u>	<u>6.0</u>	11.9	<u>10.2</u>	<u>6.7</u>	<u>3.6</u>	<u>3.5</u>	<u>1.6</u>	0.9	<u>4.6</u>	15.9	<u>15.9</u>	5
6	<u>5.4</u>	<u>6.0</u>	11.8	<u>10.2</u>	6.5	<u>3.5</u>	<u>3.0</u>	<u>1.7</u>	0.9	<u>4.7</u>	16.0	<u>15.8</u>	6
7	<u>5.4</u>	<u>6.0</u>	11.8	<u>10.1</u>	6.3	<u>3.4</u>	<u>3.3</u>	<u>1.7</u>	0.9	<u>5.0</u>	16.1	<u>15.7</u>	7
8	<u>5.3</u>	<u>5.9</u>	11.7	<u>10.0</u>	6.1	<u>3.4</u>	<u>3.0</u>	<u>1.6</u>	0.8	<u>5.6</u>	<u>16.2</u>	<u>15.6</u>	8
9	<u>5.4</u>	<u>6.0</u>	11.6	<u>10.0</u>	5.9	<u>2.9</u>	<u>3.0</u>	<u>1.7</u>	0.8	<u>6.3</u>	<u>16.2</u>	<u>15.4</u>	9
10	<u>5.4</u>	<u>6.0</u>	11.4	<u>10.0</u>	5.8	<u>3.3</u>	<u>3.0</u>	<u>1.8</u>	0.9	<u>6.9</u>	16.1	<u>15.2</u>	10
11	<u>5.4</u>	<u>6.0</u>	11.0	<u>10.2</u>	6.2	<u>3.2</u>	<u>2.9</u>	<u>1.7</u>	<u>0.7</u>	<u>7.5</u>	16.1	<u>15.0</u>	11
12	<u>5.4</u>	<u>6.0</u>	10.7	<u>10.2</u>	6.3	<u>2.8</u>	<u>2.9</u>	<u>1.8</u>	<u>0.9</u>	<u>7.9</u>	16.0	<u>14.8</u>	12
13	<u>5.4</u>	<u>6.1</u>	<u>10.5</u>	<u>10.0</u>	6.3	<u>2.9</u>	<u>2.7</u>	<u>1.7</u>	0.9	<u>8.4</u>	15.9	<u>14.6</u>	13
14	<u>5.4</u>	<u>6.1</u>	<u>10.3</u>	<u>9.7</u>	6.3	<u>2.9</u>	<u>2.6</u>	<u>1.7</u>	1.0	<u>8.7</u>	15.8	<u>14.4</u>	14
15	<u>5.3</u>	<u>6.2</u>	<u>10.0</u>	<u>9.3</u>	5.9	<u>2.8</u>	<u>2.5</u>	<u>1.7</u>	1.1	<u>9.0</u>	15.7	<u>14.1</u>	15
16	<u>5.3</u>	<u>6.3</u>	<u>9.8</u>	<u>8.8</u>	5.8	<u>2.9</u>	<u>2.4</u>	<u>1.6</u>	2.3	<u>9.2</u>	15.6	<u>13.9</u>	16
17	<u>5.3</u>	<u>6.5</u>	<u>9.6</u>	<u>8.4</u>	5.6	<u>3.2</u>	<u>2.3</u>	<u>1.5</u>	<u>2.4</u>	<u>9.7</u>	15.5	<u>13.5</u>	17
18	<u>5.3</u>	<u>6.6</u>	<u>9.5</u>	<u>8.0</u>	5.5	<u>3.5</u>	<u>2.4</u>	<u>1.5</u>	<u>2.6</u>	<u>10.0</u>	15.4	<u>13.3</u>	18
19	<u>5.3</u>	<u>6.6</u>	<u>9.5</u>	<u>7.6</u>	5.4	<u>3.8</u>	<u>2.4</u>	<u>1.5</u>	<u>2.9</u>	<u>10.2</u>	15.4	<u>13.0</u>	19
20	<u>5.3</u>	<u>6.7</u>	<u>9.5</u>	<u>7.3</u>	5.2	<u>4.0</u>	<u>2.2</u>	<u>1.5</u>	<u>2.9</u>	<u>10.5</u>	15.2	<u>12.9</u>	20
21	<u>5.3</u>	<u>6.9</u>	<u>9.5</u>	<u>7.1</u>	5.0	<u>4.2</u>	<u>1.9</u>	<u>1.6</u>	<u>2.9</u>	<u>10.8</u>	<u>15.1</u>	<u>12.7</u>	21
22	<u>5.1</u>	<u>7.3</u>	<u>9.4</u>	<u>6.9</u>	4.9	<u>4.2</u>	<u>2.1</u>	<u>1.5</u>	<u>2.8</u>	<u>11.0</u>	<u>15.1</u>	<u>12.4</u>	22
23	<u>5.1</u>	<u>8.3</u>	<u>9.6</u>	<u>6.8</u>	4.8	<u>4.1</u>	<u>2.3</u>	<u>1.5</u>	<u>2.7</u>	<u>11.4</u>	<u>15.2</u>	<u>12.4</u>	23
24	<u>5.1</u>	<u>9.3</u>	<u>9.8</u>	<u>6.5</u>	4.8	<u>4.0</u>	<u>2.7</u>	<u>1.5</u>	<u>2.6</u>	<u>11.9</u>	<u>15.4</u>	<u>12.3</u>	24
25	<u>5.1</u>	<u>9.9</u>	<u>10.1</u>	<u>6.4</u>	4.7	<u>3.9</u>	<u>2.5</u>	<u>1.6</u>	<u>2.5</u>	<u>12.4</u>	<u>15.5</u>	<u>12.1</u>	25
26	<u>5.0</u>	<u>10.5</u>	<u>10.3</u>	<u>6.3</u>	4.6	<u>3.8</u>	<u>2.4</u>	<u>1.6</u>	<u>2.6</u>	<u>12.9</u>	<u>15.7</u>	<u>11.8</u>	26
27	<u>5.1</u>	<u>11.1</u>	<u>10.6</u>	<u>6.2</u>	4.4	<u>4.2</u>	<u>2.4</u>	<u>1.5</u>	<u>2.9</u>	<u>13.4</u>	<u>16.0</u>	<u>11.6</u>	27
28	<u>5.0</u>	<u>11.5</u>	<u>10.8</u>	<u>6.2</u>	4.2	<u>4.2</u>	<u>2.3</u>	<u>1.3</u>	<u>3.4</u>	<u>13.8</u>	<u>16.1</u>	<u>11.2</u>	28
29	<u>5.0</u>	<u>X</u>	<u>10.9</u>	<u>6.3</u>	4.1	<u>4.3</u>	<u>2.2</u>	<u>1.1</u>	<u>3.4</u>	<u>14.2</u>	<u>16.2</u>	<u>10.8</u>	29
30	<u>5.1</u>	<u>X</u>	<u>10.9</u>	<u>6.4</u>	4.0	<u>4.4</u>	<u>2.1</u>	<u>1.0</u>	<u>3.7</u>	<u>14.6</u>	<u>16.2</u>	<u>10.3</u>	30
31	<u>5.2</u>	<u>X</u>	<u>10.8</u>	<u>X</u>	4.1	<u>X</u>	<u>2.2</u>	<u>1.0</u>	<u>X</u>	<u>14.9</u>	<u>X</u>	<u>9.9</u>	31
Sum	162.9	196.8	331.1	257.1	172.0	108.8	85.2	49.4	56.5	282.1	471.5	424.7	Year
Mean	5.3	7.0	10.7	8.6	5.5	3.6	2.7	1.6	1.9	9.1	15.7	13.7	—
High	<u>5.4</u>	<u>11.5</u>	<u>12.0</u>	<u>10.7</u>	<u>6.8</u>	<u>4.4</u>	<u>4.4</u>	<u>2.0</u>	<u>3.7</u>	<u>14.9</u>	<u>16.2</u>	<u>16.1</u>	<u>16.2</u>
Low	5.0	5.4	9.4	6.2	4.0	2.8	1.9	1.0	0.7	3.8	15.1	9.9	0.7

= Highest — = Lowest

Remarks:

RIVER STAGES

St. Francis

River Gauge at

Marked Tree

for the calendar year 1924

Zero elevation 196.6 feet above M.L. (Weather Bureau)

See Back of 1918 sheet for B.M.S.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	17.4	13.0	10.4	8.9	8.1	9.7	8.1	6.7	3.6	2.9	2.0	2.8	1
2	17.4	12.8	10.5	8.9	8.1	10.0	7.8	6.7	3.8	2.9	2.0	2.8	2
3	17.4	12.4	10.6	8.9	8.1	10.4	7.5	6.8	3.8	3.0	2.0	2.8	3
4	17.3	12.0	10.8	8.9	8.2	10.6	7.2	6.9	3.7	3.0	2.0	2.7	4
5	17.1	11.8	10.8	8.9	8.5	10.8	6.9	7.0	3.6	3.1	2.0	2.8	5
6	16.9	11.5	10.8	8.9	8.9	10.9	6.6	7.1	3.5	3.2	2.0	2.8	6
7	16.6	11.2	10.7	8.9	9.2	10.9	6.5	7.1	3.5	3.2	2.0	2.9	7
8	16.4	11.0	10.5	8.8	9.5	10.9	6.3	7.1	3.5	3.2	2.0	3.6	8
9	16.0	10.7	10.3	8.7	9.5	10.9	6.1	7.0	3.4	3.2	2.0	4.0	9
10	15.8	10.5	10.1	8.7	9.4	11.0	6.0	6.8	3.3	3.0	2.0	4.3	10
11	15.7	10.4	9.9	8.7	9.2	11.1	5.9	6.6	3.2	2.9	2.0	4.7	11
12	15.5	10.2	9.6	8.7	9.1	11.2	5.7	6.7	3.1	2.8	2.0	5.2	12
13	15.3	10.2	9.3	8.6	9.0	11.2	5.5	6.7	3.1	2.7	2.4	5.7	13
14	15.0	10.1	9.1	8.7	9.0	11.2	5.3	6.8	3.1	2.6	2.4	6.2	14
15	14.7	9.9	8.9	8.7	8.9	11.2	5.2	7.1	3.0	2.5	2.5	6.4	15
16	14.8	10.0	8.8	8.5	8.8	11.1	5.1	7.6	3.0	2.5	2.7	6.6	16
17	14.8	10.0	8.6	8.8	8.6	11.0	5.0	7.9	2.9	2.4	2.8	6.6	17
18	14.8	10.2	8.5	8.7	8.3	10.8	5.0	8.0	3.1	2.4	2.9	6.5	18
19	14.7	10.4	8.3	8.6	8.1	10.4	5.0	7.9	2.8	2.4	3.0	6.5	19
20	14.5	10.6	8.4	8.4	7.8	10.2	5.0	7.5	2.9	2.3	3.1	6.4	20
21	14.4	10.8	8.5	8.3	7.6	9.8	4.8	6.9	2.8	2.3	3.1	6.2	21
22	14.4	10.9	8.6	8.0	7.5	9.3	4.8	6.2	3.0	2.2	3.2	6.0	22
23	14.3	10.9	8.6	7.8	7.3	8.8	4.9	5.6	2.9	2.1	3.2	5.9	23
24	14.3	10.8	8.5	7.7	7.3	8.4	5.4	5.0	2.9	2.1	3.2	5.9	24
25	14.3	10.7	8.5	7.6	7.4	8.2	5.8	4.7	2.9	2.1	3.2	5.8	25
26	14.3	10.6	8.6	7.6	7.5	8.1	6.1	4.5	3.0	2.0	3.2	5.6	26
27	14.1	10.6	8.7	7.5	7.9	8.2	6.4	4.3	3.0	2.0	3.1	5.4	27
28	13.9	10.5	8.8	7.4	8.3	8.2	6.5	4.2	2.9	2.0	3.0	5.2	28
29	13.7	10.4	8.9	7.4	8.7	8.4	6.6	4.0	2.9	2.0	2.9	4.8	29
30	13.5	—*	8.9	7.8	9.0	8.4	6.6	3.9	2.8	2.0	2.9	5.2	30
31	13.3	—*	8.9	—*	9.4	—*	6.7	3.8	—*	2.0	—*	5.2	31
Sum	472.6	315.1	290.4	252.3	262.2	201.3	186.3	195.1	94.6	79.0	76.8	153.5	Year
Mean	15.2	10.9	9.4	8.4	8.5	10.0	6.0	6.3	3.2	2.5	2.6	5.0	—
High	17.4	13.0	10.8	8.9	9.5	11.2	8.1	8.0	3.8	3.2	3.2	6.6	17.4
Low	13.3	9.9	8.3	7.4	7.3	8.1	4.8	3.8	2.7	2.0	2.0	2.7	2.0

= Highest = Lowest

Remarks:

RIVER STAGES

Weather Bureau Gauge

St. Francis

River Gauge at *Marked Tree*

for the calendar year **1923**

Zero elevation **196.6**

feet above M.G.L.

(From Weather Bureau)

S.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	<u>60</u>	<u>156</u>	<u>180</u>	<u>186</u>	<u>140</u>	<u>191</u>	<u>126</u>	<u>52</u>	<u>36</u>	<u>50</u>	<u>57</u>	<u>66</u>	1
2	6.1	161	17.9	186	13.6	19.0	12.2	5.2	3.7	4.7	<u>56</u>	6.9	2
3	6.2	16.7	17.6	186	13.4	18.9	11.8	5.2	4.0	4.5	<u>56</u>	7.1	3
4	6.2	17.1	17.3	18.5	13.1	18.7	11.3	5.1	4.1	4.5	6.0	7.6	4
5	6.3	17.7	17.1	18.5	13.1	18.5	10.9	4.9	4.8	4.3	6.1	7.9	5
6	6.4	18.2	17.1	18.5	13.0	18.4	10.4	4.7	5.7	4.3	6.2	8.1	6
7	6.7	18.4	17.0	18.3	<u>129</u>	18.2	9.9	4.6	<u>70</u>	4.1	6.4	8.2	7
8	6.9	18.5	16.8	18.3	12.9	18.0	9.3	4.4	<u>70</u>	4.0	6.5	8.2	8
9	7.0	18.6	16.6	18.1	12.9	17.7	8.8	4.3	6.9	3.9	6.7	8.1	9
10	7.2	18.8	<u>164</u>	18.0	13.0	17.9	8.3	4.4	6.9	3.9	7.0	8.1	10
11	7.2	18.8	16.4	17.8	13.1	18.0	7.8	4.4	6.7	3.7	7.2	8.7	11
12	7.3	18.9	16.5	17.5	13.4	17.9	7.5	4.4	<u>65</u>	3.6	7.3	9.0	12
13	7.4	19.0	16.5	17.5	13.6	17.8	7.2	4.6	6.3	<u>36</u>	<u>74</u>	9.6	13
14	8.2	19.0	16.4	17.4	13.9	17.6	7.0	4.4	6.0	3.7	<u>74</u>	10.4	14
15	8.7	19.1	16.4	17.2	14.8	17.5	6.7	4.3	<u>58</u>	<u>36</u>	<u>72</u>	11.1	15
16	9.0	<u>192</u>	16.6	17.0	15.7	17.5	6.8	4.3	<u>56</u>	<u>35</u>	<u>70</u>	11.8	16
17	9.1	<u>192</u>	16.7	16.9	16.2	17.4	6.8	4.3	<u>54</u>	<u>46</u>	<u>68</u>	<u>123</u>	17
18	9.2	<u>192</u>	16.9	16.6	16.9	17.2	7.2	3.8	<u>52</u>	<u>48</u>	<u>67</u>	<u>130</u>	18
19	9.3	<u>192</u>	17.2	16.5	17.5	17.1	7.2	3.7	<u>52</u>	<u>50</u>	<u>66</u>	<u>135</u>	19
20	9.3	<u>191</u>	17.4	16.2	18.0	16.8	7.2	3.6	<u>54</u>	<u>50</u>	<u>66</u>	<u>140</u>	20
21	9.8	19.0	17.5	16.1	18.5	16.5	7.0	<u>34</u>	6.3	5.1	6.5	14.6	21
22	10.3	18.9	17.6	15.9	18.6	16.2	6.8	3.7	6.2	5.3	6.5	15.4	22
23	10.4	18.8	17.8	15.6	18.8	15.9	6.4	4.3	<u>52</u>	<u>55</u>	6.5	15.8	23
24	10.5	186	18.0	15.6	19.0	15.5	6.2	4.3	<u>53</u>	<u>57</u>	6.2	16.1	24
25	10.8	18.5	18.1	15.3	19.0	15.0	5.9	4.1	<u>56</u>	<u>59</u>	6.3	16.4	25
26	11.2	18.5	18.3	15.0	19.0	14.7	5.7	4.0	<u>57</u>	<u>60</u>	6.3	16.6	26
27	11.8	18.4	18.3	14.7	19.0	14.2	5.5	3.9	<u>56</u>	<u>60</u>	6.3	16.8	27
28	12.8	18.2	18.5	<u>145</u>	<u>191</u>	13.8	<u>53</u>	3.9	<u>55</u>	<u>60</u>	6.2	17.0	28
29	13.5	—*	18.5	14.4	19.1	13.4	5.4	3.7	<u>54</u>	6.0	6.3	17.1	29
30	14.2	—*	<u>186</u>	<u>141</u>	19.1	<u>130</u>	5.4	3.7	<u>53</u>	<u>69</u>	6.6	17.2	30
31	150	—*	18.6	—*	19.1	—*	5.3	3.5	—*	6.8	—*	17.3	31
Sum	280.0	515.3	538.6	505.8	493.3	507.4	241.8	132.1	165.9	147.5	195.6	370.5	Year
Mean	9.0	18.4	17.4	16.9	15.9	16.9	7.8	4.3	5.5	4.8	6.5	12.0	—
High	15.0	<u>192</u>	18.6	18.6	19.1	19.1	12.6	5.2	7.0	6.0	7.4	17.3	19.2
Low	6.0	15.6	16.4	14.1	12.9	13.0	5.3	<u>34</u>	3.5	3.5	5.7	6.6	3.4

Remarks: (19.1 on gage = 215.7 M. G. L.)

— = Highest — = Lowest

RIVER STAGES

St. Francis

River Gauge at Marked Tree, Ark.

for the calendar year 1922

(1965-6)

Zero elevation

196.6

feet above M.S.L.

Copied from Weather Bureau, Memphis, Tenn.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.7	9.7	11.6	18.5	17.2	8.6	3.2	3.1	2.8	1.9	1.5	3.3	1
2	11.7	9.7	11.0	18.6	17.0	8.1	3.2	3.0	3.4	1.8	1.5	3.6	2
3	11.8	9.6	11.9	18.7	17.0	7.7	3.3	2.9	3.6	1.7	1.6	4.0	3
4	11.8	9.5	12.0	18.8	16.9	7.3	3.5	2.9	3.6	1.7	1.5	4.1	4
5	11.9	9.4	12.1	18.9	16.8	7.0	3.6	2.7	3.6	1.7	1.5	4.2	5
6	11.9	9.4	12.3	18.9	16.7	6.8	3.8	2.5	3.6	1.7	1.6	4.4	6
7	12.0	9.6	12.4	18.9	16.6	6.6	4.0	2.4	3.0	1.8	1.8	4.6	7
8	12.0	9.7	12.5	18.9	16.5	6.4	4.6	2.3	4.2	1.8	1.8	4.9	8
9	12.1	9.7	13.2	18.9	16.3	6.3	5.2	2.2	4.4	1.8	1.8	5.1	9
10	12.4	9.9	13.5	18.9	16.0	6.1	5.4	2.1	4.5	1.8	1.9	5.4	10
11	12.6	10.1	13.7	19.0	15.7	6.0	5.3	2.0	4.9	1.9	2.0	5.8	11
12	12.6	10.2	13.8	19.0	15.5	5.9	5.0	2.0	5.0	1.9	2.0	6.3	12
13	12.5	10.4	13.9	19.1	15.2	5.7	5.0	1.9	4.7	1.9	2.0	6.5	13
14	12.3	10.6	14.4	19.2	14.9	5.5	4.9	1.8	4.5	1.8	2.2	7.0	14
15	12.2	10.8	14.7	19.3	14.6	5.3	4.9	1.9	4.0	1.8	2.5	7.6	15
16	12.1	10.9	14.8	19.3	14.4	5.1	4.9	1.8	3.5	1.8	2.5	7.7	16
17	12.0	11.0	14.8	19.3	14.1	5.0	4.8	1.8	3.0	1.7	2.6	7.7	17
18	11.9	11.1	15.0	19.2	13.8	4.8	4.7	1.8	2.7	1.7	2.7	7.5	18
19	11.8	11.2	15.5	19.1	13.3	4.7	4.4	1.8	2.4	1.7	3.0	7.4	19
20	11.8	11.3	15.9	18.9	13.1	4.5	4.3	1.8	2.5	1.6	3.0	7.0	20
21	11.6	11.2	16.1	18.8	12.8	4.4	4.3	1.8	2.5	1.6	3.0	6.5	21
22	11.4	11.2	16.3	18.6	12.4	4.4	4.1	1.8	2.4	1.5	3.0	6.3	22
23	11.2	11.1	16.4	18.5	12.3	4.2	4.0	3.1	2.4	1.4	3.1	6.0	23
24	11.1	11.0	16.5	18.3	12.0	4.0	3.9	2.8	2.3	1.3	3.2	5.9	24
25	11.0	10.9	16.6	18.2	11.8	3.8	4.0	2.7	2.3	1.3	3.3	5.8	25
26	10.8	10.8	16.7	18.0	11.4	3.7	3.9	2.6	2.3	1.2	3.3	5.5	26
27	10.6	10.8	16.9	17.9	11.0	3.5	3.6	2.6	2.3	1.2	3.3	5.6	27
28	10.4	11.2	17.0	17.8	10.6	3.4	3.5	2.7	2.2	1.3	3.3	5.8	28
29	10.3	X	17.1	17.6	10.0	3.3	3.4	2.8	2.2	1.3	3.3	6.0	29
30	10.1	X	17.6	17.4	9.6	3.3	3.3	2.8	1.9	1.4	3.3	5.8	30
31	9.8	X	18.1	X	9.2	X	3.2	2.8	X	1.4	X	5.9	31
Sum	359.4	292.0	455.1	560.5	434.7	161.4	129.2	73.2	97.4	50.4	73.1	179.2	Year
Mean	11.6	10.4	14.7	18.7	14.0	5.4	4.2	2.4	3.2	1.6	2.4	5.8	—
High	12.6	11.3	18.1	19.3	17.2	8.6	5.4	3.1	5.0	1.9	3.3	7.7	19.3
Low	9.8	9.4	11.6	17.4	9.2	3.3	3.2	1.8	1.9	1.2	1.5	3.3	1.2

Remarks: — = Highest — = Lowest

RIVER STAGES

St. Francis River Gauge at Marked Tree Ark. for the calendar year 1921

Zero elevation 196.7 feet above M.S.L.

Weather Bureau Gauge

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.4	8.9	14.7	16.2	17.0	13.8	61	26	20	23	22	104	1
2	11.7	8.8	14.6	16.3	16.9	13.5	58	25	20	26	22	109	2
3	12.0	8.6	14.5	16.4	16.9	13.2	55	28	19	27	21	116	3
4	12.5	8.4	14.4	16.5	16.9	12.9	52	28	19	26	21	123	4
5	12.8	8.2	14.4	16.5	16.8	12.3	51	29	18	26	20	131	5
6	13.1	8.5	14.2	16.6	16.8	11.8	49	32	18	29	21	138	6
7	13.3	9.2	14.2	16.8	16.7	11.4	48	34	17	29	19	144	7
8	13.5	10.3	14.0	16.9	16.7	10.9	47	35	17	30	19	148	8
9	13.6	11.1	13.8	16.9	16.7	10.4	46	35	16	31	20	150	9
10	13.5	11.7	13.9	16.9	16.9	9.8	44	34	17	32	20	151	10
11	13.5	12.2	13.8	16.9	17.1	9.4	43	35	18	32	20	151	11
12	13.4	12.8	14.0	16.8	17.2	8.8	41	36	19	32	20	151	12
13	13.3	13.4	14.1	17.0	17.2	8.3	39	35	20	32	21	150	13
14	13.1	13.9	14.1	17.1	17.2	8.0	38	35	21	33	20	148	14
15	13.0	14.3	14.0	17.4	17.2	8.0	37	35	21	32	20	146	15
16	12.9	14.6	13.8	17.3	17.1	8.0	36	35	21	32	22	144	16
17	12.7	14.8	13.8	17.3	16.9	7.8	35	34	21	31	23	141	17
18	12.5	14.9	13.9	17.4	16.7	7.6	34	34	21	31	34	138	18
19	12.0	15.0	14.0	17.2	16.6	7.5	34	33	21	30	40	135	19
20	11.8	15.1	14.0	17.5	16.4	7.1	35	30	20	30	41	133	20
21	11.5	15.1	13.9	17.2	16.2	6.8	34	29	21	29	44	129	21
22	11.3	15.2	14.0	17.1	15.9	6.6	33	28	21	29	53	126	22
23	11.0	15.3	14.4	17.0	15.7	6.5	32	27	21	28	64	124	23
24	10.8	15.4	14.8	17.1	15.5	64	31	26	21	27	75	122	24
25	10.5	15.4	14.9	17.4	15.3	65	30	25	22	26	82	120	25
26	10.3	15.2	15.2	17.1	15.0	65	30	24	22	25	87	119	26
27	9.9	15.0	15.3	17.0	14.9	64	29	24	22	25	91	116	27
28	9.7	14.9	15.4	16.9	14.7	66	28	22	23	24	94	115	28
29	9.5	*	15.6	16.9	14.5	66	27	21	23	24	96	115	29
30	9.4	*	15.8	16.9	14.2	64	27	21	23	23	100	116	30
31	9.0	*	15.9	*	14.0	*	26	20	*	23	*	116	31
Sum	368.5	356.2	447.4	508.4	503.7	265.8	121.0	91.5	60.3	87.7	125.2	406.9	Year
Mean	11.9	12.7	14.4	16.9	16.2	8.9	3.9	3.0	2.0	2.8	4.2	13.1	—
High	13.6	15.4	15.9	17.45	17.2	13.8	6.1	3.6	2.3	3.3	10.0	151	17.4
Low	9.0	8.2	13.8	16.2	14.0	6.4	2.6	2.0	1.6	2.3	1.9	10.4	1.6

= Highest — = Lowest

Remarks:

RIVER STAGES

(W. B.)

St. Francis

River Gauge at

Marked Tree, Ark. for the calendar year 1920

Zero elevation 196.7

feet above

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	16.0	16.9	13.0	16.5	15.0	15.5	10.5	5.4	3.9	2.9	4.0	4.0	1
2	15.7	16.9	12.9	16.7	14.8	15.7	10.1	5.2	3.8	2.9	4.3	3.9	2
3	15.4	16.8	12.7	16.8	14.5	15.8	9.8	5.0	3.7	2.9	4.7	3.9	3
4	15.1	16.8	12.5	16.9	14.9	16.0	8.9	5.2	3.6	2.8	4.8	4.0	4
5	14.8	16.8	12.6	16.9	14.8	16.2	8.3	5.4	3.5	2.7	4.9	4.1	5
6	14.5	16.7	12.6	16.9	15.0	16.3	7.7	4.7	3.5	2.7	4.9	4.1	6
7	14.2	16.7	12.6	16.8	15.1	16.3	7.4	4.4	3.8	2.6	4.9	4.1	7
8	14.4	16.7	12.4	16.7	15.1	16.2	7.2	4.3	3.8	2.5	4.9	4.3	8
9	14.7	16.7	12.5	16.7	14.9	16.0	6.9	4.1	4.1	2.4	4.8	4.6	9
10	15.1	16.6	12.6	16.6	14.7	16.0	6.7	4.0	4.4	2.4	4.9	4.7	10
11	15.5	16.6	12.6	16.5	14.5	15.8	6.7	4.1	4.3	2.3	4.9	4.8	11
12	16.1	16.5	12.7	16.5	14.3	15.7	6.8	4.0	4.3	2.3	4.8	4.9	12
13	16.4	16.5	12.9	16.5	14.0	15.6	6.8	4.0	3.9	2.2	4.8	5.0	13
14	16.4	16.2	13.6	16.5	14.0	15.4	6.6	3.9	3.9	2.2	4.7	5.2	14
15	16.5	16.0	13.8	16.5	13.8	15.1	6.7	3.9	3.8	2.1	4.7	5.4	15
16	16.6	15.9	14.0	16.5	13.7	14.9	7.0	3.8	3.8	2.1	4.7	5.5	16
17	16.6	15.6	14.2	16.5	14.2	14.6	7.0	3.5	3.7	2.1	4.7	5.4	17
18	16.6	15.4	14.6	16.4	14.7	14.5	7.1	3.4	3.7	2.0	4.6	5.4	18
19	16.5	15.0	14.9	16.3	15.0	14.2	7.1	3.4	3.6	2.0	4.6	5.4	19
20	16.7	14.8	15.1	16.2	15.2	14.0	7.1	3.4	3.6	2.0	4.5	5.4	20
21	16.9	14.4	15.3	16.1	15.6	13.9	7.1	3.6	3.5	1.9	4.5	5.4	21
22	17.1	14.2	15.4	16.1	15.9	13.7	7.2	3.8	3.5	1.9	4.4	5.6	22
23	17.2	14.0	15.5	15.9	16.1	13.5	7.1	3.8	3.6	1.8	4.4	6.6	23
24	17.2	13.9	15.6	15.7	16.1	13.2	6.8	3.9	3.7	7.9	4.2	6.8	24
25	17.2	13.7	15.8	15.5	15.9	12.8	6.6	4.0	3.6	2.5	4.0	7.1	25
26	17.2	13.5	15.9	15.6	15.9	12.5	6.4	4.0	3.3	2.7	4.0	7.9	26
27	17.2	13.2	16.0	15.7	15.8	12.2	6.3	4.1	3.3	3.3	3.9	8.5	27
28	17.1	13.1	16.0	15.7	15.6	11.8	6.1	4.2	3.3	3.4	3.9	9.5	28
29	17.1	13.0	16.1	15.6	15.5	11.4	5.9	4.3	3.3	3.3	3.9	10.0	29
30	17.1	—	16.2	15.2	15.5	10.8	5.7	4.4	3.2	3.5	4.0	10.7	30
31	17.0	—	16.5	—	?	—	5.5	4.0	—	3.8	—	10.9	31
Sum	502.1	449.1	439.1	489.0	450.1	435.6	223.1	129.2	111.0	78.1	135.3	183.1	Year
Mean	16.2	15.5	14.2	16.3	15.0	14.5	7.2	4.2	3.7	2.5	4.5	5.9	—
High	17.2	16.9	16.5	16.9	16.1	16.3	10.5	5.4	4.4	3.8	4.9	10.9	17.2
Low	14.2	13.0	12.4	15.2	13.7	10.8	5.5	3.4	3.2	1.8	3.9	3.9	1.8

Rain 13.81 17.7 13.85 7.2
Remarks: 170 flood stage

* Crest.

-- Highest -- Lowest

RIVER STAGES

H. H. Morris
River Gauge at *Marked Tree, Ark.*, for the calendar year 1919

Zero elevation feet above

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	14.7	13.6	10.4	17.1	11.7	138	12.9	4.9	1.8	1.7	8.8	17.1	1
2	15.7	13.5	10.3	17.1	11.4	13.6	12.9	4.6	1.8	1.8	9.5	17.1	2
3	16.2	13.4	10.3	17.1	11.4	13.5	12.9	4.9	1.7	1.8	9.9	17.2	3
4	16.7	13.2	10.2	17.1	11.4	13.4	12.9	4.8	1.8	1.9	10.2	17.2	4
5	16.9	13.9	10.3	17.1	11.4	13.5	12.9	4.5	1.7	1.9	10.2	17.1	5
6	17.0	13.7	10.9	17.1	11.1	13.5	12.9	4.2	1.7	1.9	10.0	17.2	6
7	17.1	13.4	11.3	17.0	10.9	13.4	13.0	3.9	1.6	2.0	10.0	17.2	7
8	17.2	13.4	11.3	17.0	11.0	13.1	13.0	3.8	1.7	2.1	10.0	17.2	8
9	17.2	13.3	11.6	17.0	11.4	13.0	13.0	3.6	1.7	2.2	10.2	17.2	9
10	17.1	12.1	11.9	17.0	11.9	12.9	13.0	3.4	1.5	2.4	10.9	17.2	10
11	17.0	12.0	12.0	16.8	12.0	13.0	12.8	3.0	1.4	2.5	12.0	17.2	11
12	17.0	11.9	12.3	16.7	12.2	13.0	12.6	2.8	1.3	2.6	12.5	17.1	12
13	16.9	11.8	12.4	16.5	12.3	13.2	12.3	2.8	1.3	2.7	12.7	17.1	13
14	16.8	11.8	12.5	16.4	12.3	13.2	12.0	2.8	1.3	2.8	13.0	17.4	14
15	16.8	11.8	12.6	16.1	12.4	13.4	11.7	2.7	1.3	3.1	13.4	17.6	15
16	16.7	11.7	12.6	15.9	12.4	13.4	11.4	2.9	1.3	3.5	13.7	17.6	16
17	16.7	11.5	14.1	15.6	12.5	13.4	11.0	2.8	1.2	4.0	14.0	17.6	17
18	16.6	11.2	14.9	15.4	12.6	13.3	10.5	2.7	1.1	4.9	14.2	17.6	18
19	16.5	11.0	15.3	15.1	12.7	13.2	10.0	2.6	1.0	5.4	14.4	17.6	19
20	16.5	10.9	15.5	14.8	12.8	13.2	9.5	2.5	1.0	5.9	14.7	17.6	20
21	16.2	10.9	15.8	14.4	12.8	13.2	9.0	2.4	1.1	6.2	14.9	17.6	21
22	15.1	10.9	16.1	14.0	12.9	13.3	8.5	2.3	1.3	6.6	15.0	17.5	22
23	15.0	10.7	16.3	13.7	12.9	13.4	7.9	2.3	1.4	7.1	15.1	17.4	23
24	15.1	10.7	16.4	13.4	13.0	13.4	7.5	2.2	1.4	7.7	15.2	17.3	24
25	15.0	10.7	16.4	13.0	13.0	13.4	7.0	2.0	1.5	8.3	15.3	17.2	25
26	14.9	10.6	16.6	12.7	13.1	13.3	6.6	2.0	1.6	8.6	15.8	17.1	26
27	14.7	10.6	16.8	12.4	13.1	13.2	6.3	1.9	1.6	8.7	16.4	17.0	27
28	14.6	10.5	16.9	12.2	13.2	13.1	6.0	1.8	1.7	8.8	16.5	16.9	28
29	14.0	X	16.9	11.9	13.6	13.0	5.7	1.7	1.7	8.9	16.9	16.6	29
30	13.9	X	17.0	11.7	13.8	12.9	5.4	1.7	1.8	8.8	17.1	16.5	30
31	13.8	X	17.0	X	13.8	X	5.0	1.8	X	8.8	X	16.2	31
Sum	494.6	334.7	424.9	459.3	383.0	398.2	318.1	92.3	44.3	145.6	392.5	533.4	Year
Mean	16.0	12.0	13.7	15.3	12.4	13.3	10.3	3.0	1.5	4.7	13.1	17.2	—
High	17.2	13.9	17.0	17.1	13.8	13.8	13.0	4.9	1.8	8.9	17.1	17.6	17.6
Low	13.8	10.5	10.2	11.7	10.9	12.9	5.0	1.7	1.0	1.7	8.8	16.2	1.0

= Highest — Lowest

Remarks:

RIVER STAGES

St Francis River Gauge at Marked Tree Ark Weather Bureau for the calendar year 1918

Zero elevation 196.57 feet above Mean Sea Level

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	4.4	9.2	14.3	8.9	13.3	16.6	10.4	3.1	2.1	3.7	3.6	5.9
2	4.5	9.2	14.4	8.8	13.4	16.6	9.8	3.1	2.5	4.0	3.6	5.9
3	4.2	9.1	14.6	8.7	13.4	16.6	9.3	3.0	2.6	4.2	4.1	5.8
4	4.0	9.0	14.7	8.6	13.5	16.4	8.9	2.9	2.8	4.5	4.5	5.6
5	3.9	9.1	14.8	8.6	13.6	16.6	8.5	2.8	2.9	4.8	4.6	5.6
6	3.9	9.2	14.8	8.5	13.8	16.6	8.1	2.7	2.9	4.9	4.6	5.6
7	4.0	9.4	14.7	8.7	13.8	16.6	7.8	2.6	2.9	4.7	4.5	5.5
8	4.2	9.6	14.6	8.8	14.3	16.6	7.4	2.5	3.0	4.5	4.5	5.5
9	4.4	9.8	14.4	8.7	14.8	16.4	7.0	2.4	3.1	4.1	4.5	5.5
10	4.3	10.1	14.2	8.4	15.2	16.6	6.7	2.3	3.4	3.8	4.5	5.4
11	4.1	10.3	13.9	8.6	15.4	16.5	6.4	2.2	3.6	3.6	4.5	5.3
12	4.2	10.4	13.6	8.6	15.6	16.5	6.1	2.1	3.6	3.5	4.7	5.6
13	4.5	10.7	13.3	8.4	15.7	16.4	5.9	1.9	3.6	3.4	5.0	5.9
14	4.8	11.0	13.0	8.6	15.8	16.2	5.7	1.9	3.5	3.4	5.6	6.7
15	4.9	11.4	12.7	8.5	15.9	16.1	5.4	1.8	3.4	3.3	6.3	7.1
16	5.2	11.7	12.4	8.9	16.0	16.9	5.0	1.7	3.3	3.2	6.7	7.4
17	5.4	11.9	12.0	10.0	16.2	15.7	5.0	1.6	3.2	3.1	7.2	8.0
18	5.8	12.0	11.7	10.8	16.2	15.4	5.3	1.5	3.0	3.0	7.5	8.2
19	5.8	12.1	11.4	11.3	16.3	15.0	4.4	1.5	3.1	3.0	7.6	9.3
20	5.9	12.3	11.0	11.8	16.4	14.8	4.6	1.5	3.5	3.0	7.5	9.5
21	5.9	12.5	10.8	12.5	16.4	14.4	6.1	1.5	3.6	2.9	7.5	10.2
22	5.9	12.8	10.5	12.7	16.5	14.0	6.0	1.4	3.5	2.9	7.0	10.7
23	6.0	13.1	10.3	13.1	16.6	13.5	5.6	1.4	3.4	2.9	6.9	10.6
24	6.0	13.4	10.1	13.3	16.6	13.0	5.0	1.4	3.4	3.1	6.5	10.5
25	6.1	13.7	10.0	13.4	16.5	12.6	4.6	1.4	3.3	3.0	6.1	11.5
26	6.3	13.9	9.9	13.4	16.5	12.2	4.0	1.6	3.4	2.9	6.0	11.7
27	7.3	14.0	9.7	13.4	16.6	11.9	4.0	1.8	3.6	3.3	5.9	11.9
28	8.0	14.2	9.5	13.5	16.5	11.6	3.8	1.8	3.7	3.4	6.0	12.1
29	8.6	*	9.3	13.4	16.6	11.2	3.4	1.7	3.6	3.4	6.0	12.5
30	9.0	*	9.1	13.4	16.6	10.7	3.5	1.7	3.7	3.5	5.9	12.7
31	9.2	*	9.0	*	16.6	*	3.4	2.1	*	3.6	*	13.5
High	9.2	14.2	14.8	13.5	16.6	16.6	10.4	3.1	3.7	4.9	7.6	13.5
Low	3.9	9.0	9.0	8.5	13.3	10.7	3.4	1.4	2.1	2.9	3.6	5.3
Mean	5.5	11.3	12.2	10.5	15.5	15.0	6.2	2.0	3.2	3.6	5.6	8.3
Sum	170.7	315.1	378.7	314.6	480.5	449.6	191.1	62.9	97.2	110.6	169.4	256.2

Remarks: H.W. Feb 1916 = 18.9

= Highest in Sept 1915 = 13.3 (The rise reached marked tree Sept 23rd 1915)

= Lowest

APR
16
1918

LITTLE ROCK

Form No. 1078 C-Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

River System. St. Francis River.

Marked Tree Ark. 1917 Elevation 196.7

	January	February	March	April	May	June	July	August	September	October	November	December	above Gulf
1	7.4	15.5	12.2	14.5	17.0	13.1	12.9	7.7	4.2	2.9	1.8	1.9	Highest stage for the year, 17.2
2	7.9	15.5	12.4	14.7	16.8	13.1	12.4	7.4	4.2	2.8	1.8	1.9	(date) Apr 19-24
3	8.2	15.5	12.8	14.9	16.7	13.0	11.9	7.0	4.3	2.6	1.8	2.0	
4	8.4	15.5	13.0	15.0	16.7	12.9	11.7	6.7	4.4	2.5	1.7	2.0	Lowest stage for the year, 1.6
5	8.5	15.4	13.3	15.2	16.6	12.6	11.4	6.3	4.6	2.3	1.7	2.0	
6	8.6	15.4	13.3	15.5	16.5	12.4	11.1	6.0	4.8	2.2	1.7	2.0	(date) Oct 22-27
7	8.7	15.4	13.3	15.4	16.3	12.2	10.9	5.7	5.0	2.2	1.7	2.0	
8	8.8	15.3	13.4	15.7	16.2	12.3	10.6	5.7	5.0	2.2	1.7	2.1	
9	8.9	15.2	13.6	16.0	16.0	12.5	10.2	5.5	5.1	2.1	1.7	2.2	
10	8.9	15.1	13.5	16.2	15.9	12.8	10.0	5.4	5.1	2.1	1.7	2.4	
11	9.1	14.9	13.7	16.4	15.8	13.1	9.6	5.2	5.1	2.0	1.7	2.5	
12	9.3	14.7	13.9	16.7	15.6	13.4	9.3	5.1	5.0	2.0	1.7	2.5	
13	10.0	14.5	14.0	16.9	15.2	13.4	8.9	5.0	4.9	2.0	1.8	2.5	
14	10.5	14.2	14.2	16.9	14.9	13.6	8.6	5.0	4.9	1.9	1.8	2.5	
15	11.0	14.2	14.1	16.9	14.8	13.7	8.3	4.9	4.9	1.9	1.8	2.6	
16	11.2	14.1	14.2	17.0	14.6	13.6	8.6	5.2	4.8	1.8	1.8	2.6	
17	11.5	13.9	14.2	17.1	14.6	13.7	9.1	5.1	4.7	1.8	1.8	2.6	
18	11.9	13.7	14.1	17.2	14.5	13.7	9.0	4.9	4.7	1.8	1.8	2.6	
19	12.1	13.6	14.1	17.3	14.3	13.7	8.7	4.7	4.6	1.7	1.8	2.6	
20	12.5	13.4	14.0	17.3	14.1	13.6	8.3	4.6	4.5	1.7	1.8	2.8	
21	12.9	13.2	14.2	17.3	13.9	13.6	8.2	4.5	4.4	1.7	1.8	3.0	
22	13.4	13.0	14.3	17.3	13.7	13.5	8.3	4.5	4.3	1.6	1.8	3.0	
23	13.7	12.9	14.4	17.3	13.7	13.3	8.3	4.6	4.1	1.6	1.8	3.0	
24	14.0	12.8	14.4	17.3	13.7	13.1	8.6	4.6	4.0	1.6	1.8	3.3	
25	14.4	12.7	14.6	17.2	13.7	13.0	8.6	4.5	3.7	1.6	1.9	3.3	
26	14.6	12.5	14.4	17.1	13.6	12.9	8.6	4.4	3.5	1.6	1.9	3.6	
27	14.8	12.3	14.4	17.1	13.6	12.8	8.6	4.3	3.2	1.6	1.9	3.7	
28	14.9	12.1	14.5	17.1	13.5	12.7	8.4	4.1	3.1	1.7	1.9	3.8	
29	15.1		14.6	17.0	13.5	12.6	8.3	4.0	3.0	1.7	1.9	4.0	
30	15.3		14.5	17.0	13.2	12.5	8.2	4.0	2.9	1.8	1.9	4.1	
31	15.4		14.5	17.3			7.9	4.2	4.4	1.8		4.2	
Mean	11.4	14.2	13.9	16.5	14.9	13.1	9.5	5.2	4.4	2.0	1.8	2.8	

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RIVER STAGES

July 23rd

S. St. Francis

River Gauge at

Marcelline

for the calendar year 1916

Zero elevation 196.7 (about) feet above mean sea level

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	16.2	18.7	18.1	13.8	12.3		7.5	7.5	2.9	1.0	1.0	2.0
2	16.8	18.7	18.1	13.7	12.2		7.9	7.1	2.7	1.0	1.0	2.1
3	17.2	18.7	18.0	13.8	12.2		8.5	6.7	2.4	1.0	1.0	2.1
4	17.5	18.8	18.0	13.8	12.4		8.5	7.6	2.3	1.0	1.0	2.3
5	17.8	18.8	17.9	14.6	12.5		8.5	6.6	2.2	1.0	1.0	2.3
6	18.0	18.9	17.8	14.3	12.4		8.3	6.3	2.2	0.9	1.0	2.3
7	18.1	18.8	17.7	14.4		8.6	8.3	5.9	2.1	0.9	1.0	2.4
8	18.2	18.8	17.6	14.4		8.6	8.3	5.7	2.1	0.9	1.0	2.5
9	18.3	18.7	17.4	14.3		8.1	8.1	5.5	2.0	0.8	1.0	2.6
10	18.4	18.6	17.3	14.1		8.0	8.1	5.7	1.9	0.8	1.1	2.6
11	18.4	18.6	17.2	13.9		7.8	8.4	6.0	1.8	0.8	1.1	2.7
12	18.4	18.6	17.1	13.6		7.6	8.6	5.5	1.8	0.8	1.1	2.7
13	18.5	18.6	17.0	13.5		7.0	8.6	5.3	1.8	0.8	1.1	2.7
14	18.5	18.7	16.8	13.3		6.9	8.6	5.9	1.8	0.7	1.1	2.8
15	18.5	18.7	16.7	13.0		6.9	8.6	5.7	1.7	0.7	1.2	Frozen
16	18.6	18.8	16.6	12.8		6.7	8.7	5.5	1.6	0.7	1.2	2.6
17	18.6	18.9	16.6	12.5		6.6	8.7	5.2	1.5	0.6	1.2	2.8
18	18.6	18.9	16.5	12.2		6.5	8.7	5.0	1.4	0.6	1.3	3.0
19	18.5	18.9	16.3	12.0		6.5	8.5	4.7	1.3	0.9	1.3	2.9
20	18.4	18.9	16.1	11.8		6.3	8.3	4.5	1.3	0.9	1.3	3.1
21	18.5	18.8	15.8	11.7		6.0	8.3	4.5	1.2	0.9	1.3	3.3
22	18.5	18.8	15.7	11.7		5.8	8.5	4.0	1.2	0.9	1.3	3.0
23	18.5	18.7	15.5	11.8		5.9		3.8	1.3	1.0	1.4	3.1
24	18.5	18.7	15.3	11.8		6.5		3.5	1.3	1.0	1.6	3.3
25	18.4	18.6	15.0	11.9		6.6		3.2	1.2	1.0	1.6	3.3
26	18.3	18.5	14.8	11.9		6.7		3.0	1.2	1.0	1.7	3.5
27	18.4	18.4	14.6	12.0		7.0		3.0	1.1	1.1	1.8	4.7
28	18.4	18.3	14.4	12.1		7.5		3.1	1.1	1.1	1.8	4.9
29	18.4	18.2	14.3	12.2		7.9		3.2	1.1	1.1	1.9	5.3
30	18.4	—	14.2	12.3		7.9		3.0	1.0	1.0	2.0	6.9
31	18.6	—	14.0	—		—		3.0	—	1.0	—	7.0
High	18.6	18.9	18.1	14.6	12.5	8.6	8.7	7.6	2.9	1.1	2.0	7.0
Low	16.2	18.2	14.0	11.7	12.2	5.8	7.5	3.0	1.0	0.6	1.0	2.0
Mean	18.2	18.7	16.3	13.0	12.3	7.1	8.4	5.0	1.7	0.9	1.3	3.2
Sum	564.4	542.1	504.4	389.2	74.0	169.9	184.5	155.1	50.5	27.9	38.4	96.8

Remarks: — = Highest — = Lowest
(18.9 on gage = 215.5 M.G.L.)

RIVER STAGES.

St Francis

River Gauge at

Marked Tree Ark

for the calendar year 1915

Zero elevation 196.7 feet above mean sea level

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	7.3	10.3	16.1	14.8	8.5	6.8	6.3	3.5	8.3	13.1	8.1	7.9
2	7.4	10.8	16.2	14.7	8.4	6.7	6.1	3.4	8.8	13.0	8.0	7.9
3	7.4	11.0	16.2	14.5	8.2	6.7	6.0	3.2	9.2	12.9	7.8	8.0
4	7.5	11.2	16.2	14.3	8.0	6.6	5.9	3.0	9.7	12.8	7.7	8.2
5	7.5	11.4	16.3	14.0	7.8	6.5	6.2	2.8	10.1	12.6	7.5	8.3
6	7.6	11.7	16.3	13.8	7.7	6.4	6.2	2.9	10.5	12.3	7.3	8.4
7	7.7	12.0	16.3	13.6	8.1	6.2	6.1	2.6	10.7	12.0	7.2	8.3
8	7.8	12.4	16.2	13.4	8.4	6.0	6.1	2.6	11.0	11.9	7.2	8.2
9	8.0	12.7	16.2	13.1	8.5	5.8	6.2	2.5	11.3	11.5	7.1	8.1
10	8.2	12.8	16.1	13.0	8.5	5.6	6.2	2.4	11.6	11.2	7.0	8.0
11	8.3	13.0	16.1	12.8	8.3	5.5	6.3	2.5	11.9	11.0	6.9	8.1
12	8.4	13.1	16.0	12.6	8.1	5.5	6.4	2.6	12.2	10.8	7.0	8.4
13	8.4	13.2	15.9	12.5	7.9	5.6	6.4	2.6	12.5	10.7	7.1	8.6
14	8.5	13.5	15.9	12.2	7.7	5.7	6.3	2.5	12.7	10.8	7.2	8.8
15	8.5	13.7	15.8	12.0	7.5	6.0	6.2	2.4	12.8	10.8	7.5	8.9
16	8.5	13.9	15.8	11.7	7.2	6.4	6.0	2.4	12.9	10.8	7.8	9.6
17	8.6	14.0	15.8	11.5	6.9	6.7	5.7	2.3	13.1	10.7	7.8	10.7
18	8.7	14.0	15.8	11.2	6.5	7.0	5.6	2.3	13.2	10.5	7.8	11.3
19	8.8	14.1	15.7	11.0	6.3	7.4	5.7	2.2	13.2	10.4	7.9	11.7
20	8.8	14.2	15.7	11.7	7.3	7.5	5.6	2.4	13.2	10.3	7.9	11.9
21	8.8	14.5	15.6	10.6	6.2	7.6	5.5	3.5	13.2	10.2	7.8	12.3
22	8.7	14.8	15.5	10.5	7.1	7.7	6.4	4.1	13.2	10.0	7.8	13.4
23	8.7	15.1	15.5	10.3	7.7	7.7	5.3	4.3	13.3	9.8	7.7	12.5
24	8.7	15.2	15.4	10.1	7.8	7.6	5.7	4.4	13.3	9.6	7.5	12.8
25	8.6	15.5	15.3	9.8	7.9	7.5	5.0	4.6	13.3	9.4	7.4	13.2
26	8.7	15.8	15.2	9.6	7.8	7.4	4.8	4.8	13.2	9.3	7.5	13.6
27	8.7	16.0	15.0	9.3	7.5	7.2	4.4	5.1	13.2	9.1	7.7	13.8
28	8.7	16.1	15.0	9.1	7.2	7.0	4.1	5.4	13.2	8.9	7.8	14.1
29	8.8	—	14.9	8.8	7.0	6.6	3.9	5.8	13.2	8.7	7.8	14.8
30	8.8	—	14.9	8.6	6.9	6.4	3.7	7.1	13.1	8.6	7.9	15.4
31	9.3	—	14.8	—	6.8	—	3.6	7.5	—	8.4	—	15.8
High	9.3	16.1	16.3	14.8	8.5	7.7	6.4	7.5	13.3	13.1	8.1	15.8
Low	7.3	10.3	14.8	8.6	6.2	5.5	3.6	2.2	8.3	8.4	6.9	7.9
Mean	8.3	13.4	15.7	11.8	7.6	6.6	5.6	3.5	12.0	10.7	7.6	10.6
SUM	258.4	376.0	487.7	355.1	235.7	199.3	172.8	109.7	361.1	332.1	226.7	330.0

Remarks: — = Highest — = Lowest

RIVER STAGES

St Francis River Gauge at *Mardel Tree* for the calendar year 1944

Zero elevation 196.7 feet above mean sea level

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	<u>9.8</u>	<u>9.3</u>	<u>13.2</u>	<u>14.8</u>	<u>13.3</u>	<u>9.5</u>	<u>2.3</u>	<u>0.6</u>	<u>0.6</u>	<u>1.8</u>	<u>3.0</u>	<u>3.1</u>
2	<u>9.7</u>	<u>9.5</u>	<u>13.2</u>	<u>14.7</u>	<u>13.3</u>	<u>9.4</u>	<u>2.2</u>	<u>0.6</u>	<u>0.6</u>	<u>1.7</u>	<u>3.5</u>	<u>3.1</u>
3	<u>9.7</u>	<u>9.6</u>	<u>13.1</u>	<u>14.6</u>	<u>13.2</u>	<u>9.2</u>	<u>2.0</u>	<u>0.5</u>	<u>0.6</u>	<u>1.5</u>	<u>3.8</u>	<u>3.2</u>
4	<u>9.7</u>	<u>9.7</u>	<u>13.3</u>	<u>14.6</u>	<u>13.2</u>	<u>9.0</u>	<u>1.9</u>	<u>0.5</u>	<u>0.5</u>	<u>1.4</u>	<u>4.1</u>	<u>3.8</u>
5	<u>9.7</u>	<u>9.7</u>	<u>13.5</u>	<u>14.5</u>	<u>13.1</u>	<u>8.7</u>	<u>1.8</u>	<u>0.5</u>	<u>0.5</u>	<u>1.4</u>	<u>4.2</u>	<u>4.1</u>
6	<u>9.6</u>	<u>9.7</u>	<u>13.8</u>	<u>14.2</u>	<u>13.1</u>	<u>8.4</u>	<u>1.8</u>	<u>0.5</u>	<u>0.5</u>	<u>1.3</u>	<u>4.2</u>	<u>4.2</u>
7	<u>9.6</u>	<u>9.8</u>	<u>13.9</u>	<u>14.1</u>	<u>13.0</u>	<u>8.1</u>	<u>1.7</u>	<u>0.5</u>	<u>0.5</u>	<u>1.3</u>	<u>4.3</u>	<u>4.3</u>
8	<u>9.6</u>	<u>9.8</u>	<u>14.0</u>	<u>14.1</u>	<u>13.0</u>	<u>7.9</u>	<u>1.6</u>	<u>0.5</u>	<u>0.5</u>	<u>1.2</u>	<u>4.1</u>	<u>4.4</u>
9	<u>9.5</u>	<u>9.8</u>	<u>14.0</u>	<u>14.0</u>	<u>13.1</u>	<u>7.6</u>	<u>1.6</u>	<u>0.4</u>	<u>0.4</u>	<u>1.2</u>	<u>4.4</u>	<u>4.5</u>
10	<u>9.5</u>	<u>9.9</u>	<u>14.2</u>	<u>14.0</u>	<u>13.2</u>	<u>7.3</u>	<u>1.8</u>	<u>0.4</u>	<u>0.4</u>	<u>1.2</u>	<u>4.3</u>	<u>4.5</u>
11	<u>9.5</u>	<u>10.0</u>	<u>14.4</u>	<u>13.9</u>	<u>12.9</u>	<u>7.0</u>	<u>1.4</u>	<u>0.4</u>	<u>0.5</u>	<u>1.2</u>	<u>4.2</u>	<u>4.5</u>
12	<u>9.5</u>	<u>10.3</u>	<u>14.7</u>	<u>13.9</u>	<u>12.6</u>	<u>6.7</u>	<u>1.4</u>	<u>0.4</u>	<u>0.5</u>	<u>1.2</u>	<u>4.1</u>	<u>4.6</u>
13	<u>9.4</u>	<u>10.6</u>	<u>15.0</u>	<u>13.9</u>	<u>12.3</u>	<u>6.4</u>	<u>1.3</u>	<u>0.5</u>	<u>0.6</u>	<u>1.1</u>	<u>4.1</u>	<u>4.7</u>
14	<u>9.4</u>	<u>11.0</u>	<u>15.3</u>	<u>13.9</u>	<u>11.9</u>	<u>6.2</u>	<u>1.3</u>	<u>0.5</u>	<u>0.7</u>	<u>1.2</u>	<u>4.0</u>	<u>4.8</u>
15	<u>9.3</u>	<u>11.2</u>	<u>15.6</u>	<u>13.9</u>	<u>11.6</u>	<u>6.0</u>	<u>1.3</u>	<u>0.4</u>	<u>0.8</u>	<u>1.3</u>	<u>3.9</u>	<u>4.9</u>
16	<u>9.3</u>	<u>11.4</u>	<u>15.8</u>	<u>13.8</u>	<u>11.4</u>	<u>5.6</u>	<u>1.2</u>	<u>0.4</u>	<u>0.7</u>	<u>1.5</u>	<u>3.8</u>	<u>4.9</u>
17	<u>9.3</u>	<u>11.6</u>	<u>15.9</u>	<u>13.7</u>	<u>11.3</u>	<u>5.3</u>	<u>1.2</u>	<u>0.4</u>	<u>0.7</u>	<u>1.6</u>	<u>3.7</u>	<u>4.9</u>
18	<u>9.2</u>	<u>11.8</u>	<u>16.0</u>	<u>13.8</u>	<u>11.2</u>	<u>5.0</u>	<u>1.1</u>	<u>0.4</u>	<u>0.7</u>	<u>1.7</u>	<u>3.7</u>	<u>4.9</u>
19	<u>9.2</u>	<u>12.0</u>	<u>16.0</u>	<u>13.7</u>	<u>11.1</u>	<u>4.8</u>	<u>1.0</u>	<u>0.3</u>	<u>0.8</u>	<u>1.7</u>	<u>3.6</u>	<u>5.0</u>
20	<u>9.2</u>	<u>12.2</u>	<u>16.0</u>	<u>13.7</u>	<u>10.9</u>	<u>4.5</u>	<u>0.9</u>	<u>0.3</u>	<u>0.8</u>	<u>1.9</u>	<u>3.5</u>	<u>5.2</u>
21	<u>9.1</u>	<u>12.4</u>	<u>15.9</u>	<u>13.6</u>	<u>10.8</u>	<u>4.3</u>	<u>0.9</u>	<u>0.3</u>	<u>0.8</u>	<u>2.1</u>	<u>3.5</u>	<u>5.5</u>
22	<u>9.1</u>	<u>12.6</u>	<u>15.7</u>	<u>13.6</u>	<u>10.8</u>	<u>4.1</u>	<u>0.8</u>	<u>0.3</u>	<u>0.8</u>	<u>2.3</u>	<u>3.4</u>	<u>5.9</u>
23	<u>9.1</u>	<u>12.8</u>	<u>15.6</u>	<u>13.6</u>	<u>10.7</u>	<u>3.8</u>	<u>0.8</u>	<u>0.3</u>	<u>0.9</u>	<u>2.3</u>	<u>3.2</u>	<u>6.1</u>
24	<u>9.1</u>	<u>13.0</u>	<u>15.5</u>	<u>13.5</u>	<u>10.7</u>	<u>3.5</u>	<u>0.8</u>	<u>0.2</u>	<u>1.2</u>	<u>2.3</u>	<u>3.2</u>	<u>6.3</u>
25	<u>9.0</u>	<u>13.1</u>	<u>15.5</u>	<u>13.5</u>	<u>10.6</u>	<u>3.3</u>	<u>0.9</u>	<u>0.2</u>	<u>1.3</u>	<u>2.2</u>	<u>3.2</u>	<u>6.5</u>
26	<u>9.0</u>	<u>13.3</u>	<u>15.3</u>	<u>13.5</u>	<u>10.5</u>	<u>3.0</u>	<u>0.9</u>	<u>0.4</u>	<u>1.4</u>	<u>2.2</u>	<u>3.1</u>	<u>6.8</u>
27	<u>9.0</u>	<u>13.3</u>	<u>15.2</u>	<u>13.5</u>	<u>10.4</u>	<u>2.8</u>	<u>0.9</u>	<u>0.6</u>	<u>1.4</u>	<u>2.1</u>	<u>3.1</u>	<u>7.0</u>
28	<u>9.0</u>	<u>13.2</u>	<u>15.1</u>	<u>13.4</u>	<u>10.2</u>	<u>2.6</u>	<u>0.9</u>	<u>0.7</u>	<u>1.5</u>	<u>2.1</u>	<u>3.2</u>	<u>7.1</u>
29	<u>8.9</u>	<u>X</u>	<u>15.1</u>	<u>13.4</u>	<u>10.0</u>	<u>2.5</u>	<u>0.6</u>	<u>0.7</u>	<u>1.6</u>	<u>2.2</u>	<u>3.2</u>	<u>7.2</u>
30	<u>8.9</u>	<u>X</u>	<u>15.0</u>	<u>13.4</u>	<u>9.8</u>	<u>2.4</u>	<u>0.6</u>	<u>0.6</u>	<u>1.7</u>	<u>2.5</u>	<u>3.1</u>	<u>7.3</u>
31	<u>8.9</u>	<u>X</u>	<u>14.9</u>	<u>X</u>	<u>9.6</u>	<u>X</u>	<u>0.6</u>	<u>0.6</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>7.3</u>
High	<u>9.8</u>	<u>13.3</u>	<u>16.0</u>	<u>14.8</u>	<u>13.3</u>	<u>9.5</u>	<u>2.3</u>	<u>0.7</u>	<u>1.7</u>	<u>2.5</u>	<u>4.4</u>	<u>7.3</u>
Low	<u>8.9</u>	<u>9.3</u>	<u>13.1</u>	<u>13.4</u>	<u>9.6</u>	<u>2.4</u>	<u>0.6</u>	<u>0.2</u>	<u>0.4</u>	<u>1.1</u>	<u>3.0</u>	<u>3.1</u>
Mean	<u>9.3</u>	<u>11.2</u>	<u>14.8</u>	<u>13.9</u>	<u>11.7</u>	<u>5.8</u>	<u>1.2</u>	<u>0.4</u>	<u>0.8</u>	<u>1.7</u>	<u>3.1</u>	<u>5.2</u>
Sum	<u>288.8</u>	<u>312.6</u>	<u>459.7</u>	<u>416.8</u>	<u>362.8</u>	<u>174.9</u>	<u>38.4</u>	<u>13.9</u>	<u>24.5</u>	<u>50.8</u>	<u>111.1</u>	<u>160.6</u>

Remarks: frozen 12/14-15-16-17 F/18,

— = Highest — = Lowest

RIVER STAGES

St Francis River Gauge at Marked Tree Ark for the calendar year 1913

Zero elevation 196.7 feet above Mean sea level

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	<u>4.3</u>	<u>18.2</u>	<u>16.0</u>	<u>14.9</u>			<u>2.6</u>	<u>1.7</u>	<u>0.9</u>	<u>1.4</u>	<u>3.3</u>	<u>5.8</u>
2	<u>4.3</u>	<u>18.3</u>	<u>15.9</u>	<u>15.1</u>			<u>2.6</u>	<u>1.7</u>	<u>0.9</u>	<u>1.4</u>	<u>3.4</u>	<u>5.7</u>
3	<u>4.4</u>	<u>18.3</u>	<u>15.7</u>	<u>15.3</u>			<u>2.5</u>	<u>1.6</u>	<u>0.8</u>	<u>1.4</u>	<u>3.6</u>	<u>5.6</u>
4	<u>4.4</u>	<u>18.3</u>	<u>15.6</u>	<u>15.5</u>			<u>2.5</u>	<u>1.6</u>	<u>0.8</u>	<u>1.3</u>	<u>3.7</u>	<u>5.7</u>
5	<u>4.4</u>	<u>18.3</u>	<u>15.4</u>	<u>15.7</u>			<u>2.4</u>	<u>1.5</u>	<u>0.7</u>	<u>1.3</u>	<u>3.7</u>	<u>5.7</u>
6	<u>5.4</u>	<u>18.3</u>	<u>15.3</u>	<u>15.8</u>			<u>2.3</u>	<u>1.5</u>	<u>0.7</u>	<u>1.3</u>	<u>3.7</u>	<u>5.7</u>
7	<u>7.1</u>	<u>18.2</u>	<u>15.1</u>	<u>15.9</u>			<u>2.2</u>	<u>1.5</u>	<u>0.7</u>	<u>1.2</u>	<u>3.7</u>	<u>5.8</u>
8	<u>8.4</u>	<u>18.2</u>		<u>16.4</u>			<u>2.1</u>	<u>1.5</u>	<u>0.6</u>	<u>1.2</u>	<u>3.7</u>	<u>5.8</u>
9	<u>9.1</u>	<u>18.1</u>		<u>17.0</u>			<u>2.4</u>	<u>1.4</u>	<u>0.7</u>	<u>1.2</u>	<u>3.7</u>	<u>5.9</u>
10	<u>10.4</u>	<u>18.0</u>					<u>2.4</u>	<u>1.4</u>	<u>0.7</u>	<u>1.2</u>	<u>3.7</u>	<u>5.9</u>
11	<u>11.9</u>	<u>18.0</u>					<u>2.5</u>	<u>1.4</u>	<u>0.8</u>	<u>1.2</u>	<u>3.7</u>	<u>6.0</u>
12	<u>12.7</u>	<u>18.0</u>					<u>2.6</u>	<u>1.4</u>	<u>0.8</u>	<u>1.3</u>	<u>3.7</u>	<u>6.0</u>
13	<u>13.4</u>	<u>18.1</u>					<u>2.9</u>	<u>1.3</u>	<u>0.8</u>	<u>1.3</u>	<u>3.7</u>	<u>6.1</u>
14	<u>14.3</u>	<u>18.0</u>					<u>3.0</u>	<u>1.3</u>	<u>0.9</u>	<u>1.3</u>	<u>4.2</u>	<u>6.1</u>
15	<u>15.1</u>	<u>17.9</u>					<u>3.0</u>	<u>1.4</u>	<u>0.9</u>	<u>1.3</u>	<u>4.7</u>	<u>6.2</u>
16	<u>15.7</u>	<u>17.8</u>					<u>2.9</u>	<u>1.3</u>	<u>1.0</u>	<u>1.4</u>	<u>5.1</u>	<u>6.4</u>
17	<u>16.5</u>	<u>17.7</u>					<u>2.9</u>	<u>1.3</u>	<u>1.0</u>	<u>1.4</u>	<u>5.7</u>	<u>6.7</u>
18	<u>16.8</u>	<u>17.6</u>					<u>2.8</u>	<u>1.2</u>	<u>1.0</u>	<u>1.5</u>	<u>5.9</u>	<u>7.0</u>
19	<u>17.0</u>	<u>17.5</u>					<u>2.8</u>	<u>1.2</u>	<u>1.0</u>	<u>1.5</u>	<u>6.2</u>	<u>7.4</u>
20	<u>17.1</u>	<u>17.4</u>					<u>2.7</u>	<u>1.2</u>	<u>1.0</u>	<u>1.6</u>	<u>6.3</u>	<u>8.1</u>
21	<u>17.1</u>	<u>17.2</u>					<u>2.6</u>	<u>1.2</u>	<u>1.1</u>	<u>1.7</u>	<u>6.3</u>	<u>8.5</u>
22	<u>17.1</u>	<u>17.1</u>					<u>2.5</u>	<u>1.2</u>	<u>1.1</u>	<u>1.8</u>	<u>6.4</u>	<u>8.8</u>
23	<u>17.3</u>	<u>16.9</u>					<u>2.4</u>	<u>1.3</u>	<u>1.1</u>	<u>2.2</u>	<u>6.5</u>	<u>8.9</u>
24	<u>17.4</u>	<u>16.7</u>					<u>3.8</u>	<u>2.2</u>	<u>1.3</u>	<u>1.1</u>	<u>2.5</u>	<u>9.1</u>
25	<u>17.4</u>	<u>16.4</u>					<u>3.6</u>	<u>2.2</u>	<u>1.2</u>	<u>1.2</u>	<u>2.7</u>	<u>9.3</u>
26	<u>17.5</u>	<u>16.2</u>					<u>3.3</u>	<u>2.1</u>	<u>1.2</u>	<u>1.2</u>	<u>2.8</u>	<u>9.4</u>
27	<u>17.6</u>	<u>16.2</u>	<u>14.2</u>				<u>3.1</u>	<u>2.0</u>	<u>1.1</u>	<u>1.2</u>	<u>2.9</u>	<u>9.7</u>
28	<u>17.7</u>	<u>16.1</u>	<u>14.4</u>				<u>2.9</u>	<u>2.0</u>	<u>1.1</u>	<u>1.2</u>	<u>3.1</u>	<u>9.7</u>
29	<u>17.8</u>	<u>*</u>	<u>14.5</u>				<u>2.8</u>	<u>1.9</u>	<u>1.0</u>	<u>1.3</u>	<u>3.1</u>	<u>9.8</u>
30	<u>17.9</u>	<u>*</u>	<u>14.7</u>				<u>2.7</u>	<u>1.8</u>	<u>1.0</u>	<u>—</u>	<u>3.1</u>	<u>9.8</u>
31	<u>18.1</u>	<u>*</u>	<u>14.8</u>				<u>2.7</u>	<u>1.8</u>	<u>1.0</u>	<u>*</u>	<u>3.7</u>	<u>9.8</u>
High	<u>18.1</u>	<u>18.3</u>	<u>16.0</u>	<u>17.0</u>			<u>3.8</u>	<u>3.0</u>	<u>1.7</u>	<u>1.3</u>	<u>3.2</u>	<u>6.5</u>
Low	<u>4.3</u>	<u>16.1</u>	<u>14.2</u>	<u>14.9</u>			<u>2.7</u>	<u>1.8</u>	<u>1.0</u>	<u>0.6</u>	<u>1.2</u>	<u>3.3</u>
Mean	<u>13.1</u>	<u>17.6</u>	<u>15.1</u>	<u>15.7</u>			<u>3.2</u>	<u>2.4</u>	<u>1.3</u>	<u>0.9</u>	<u>1.8</u>	<u>4.9</u>
SUM	<u>405.6</u>	<u>493.0</u>	<u>181.6</u>	<u>141.6</u>			<u>22.2</u>	<u>15.6</u>	<u>41.0</u>	<u>27.2</u>	<u>55.8</u>	<u>148.0</u>
Remarks:	— = Highest — = Lowest											

⑧ Mississippi River levees broken

25.1 = Elevation of 221.7 ft msl

RIVER STAGES

St. Francis

River Gauge at *Marked Tree Ark* for the calendar year 1912

Zero elevation 196-7 feet above ~~mean sea level~~

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1									<u>3.3</u>	<u>1.6</u>		<u>3.9</u>
2												<u>4.0</u>
3												<u>4.1</u>
4												<u>4.2</u>
5												<u>4.2</u>
6												<u>4.3</u>
7												<u>4.3</u>
8												<u>4.3</u>
9												<u>4.3</u>
10												<u>4.3</u>
11												<u>4.3</u>
12												<u>4.2</u>
13												<u>4.1</u>
14												<u>4.0</u>
15												<u>4.0</u>
16												<u>3.9</u>
17												<u>3.9</u>
18									<u>1.9</u>	<u>2.0</u>		<u>3.9</u>
19										<u>2.7</u>		<u>3.9</u>
20												<u>3.9</u>
21												<u>3.8</u>
22												<u>3.8</u>
23									<u>1.9</u>	<u>3.2</u>		<u>3.8</u>
24												<u>3.8</u>
25												<u>3.9</u>
26												<u>3.9</u>
27												<u>4.0</u>
28												<u>4.1</u>
29												<u>4.2</u>
30												<u>4.2</u>
31												<u>4.3</u>
High									<u>3.3</u>	<u>3.5</u>		<u>4.3</u>
Low									<u>1.9</u>	<u>1.4</u>		<u>3.8</u>
Mean									<u>2.3</u>	<u>2.8</u>		<u>4.1</u>
SUM									<u>11.7</u>	<u>28.4</u>		<u>125.9</u>

Remarks: — Highest — Lowest

1911,
ARK., 1881

St. Francis RIVER. Marked Tree,
Zero Elevation feet above mean tide water in the Gulf of Mexico

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	8.4	11.2	10.8	11.1	15.0	11.0	4.6	2.9	4.6	3.6	2.9	5.0
2	8.9	11.2	10.7	11.0	14.9	10.9	4.5	2.9	5.7	3.5	2.9	5.0
3	9.4	11.1	10.7	10.9	14.8	10.7	4.4	2.8	6.1	3.4	2.8	5.0
4	9.8	11.0	10.6	10.9	14.6	10.4	4.4	2.7	6.4	3.4	2.8	5.1
5	10.1	10.9	10.6	11.0	14.4	10.1	4.3	2.6	6.5	3.4	2.9	5.1
6	10.4	10.7	10.6	11.1	14.2	9.7	4.3	3.6	6.5	3.4	3.2	5.1
7	10.7	10.6	10.6	11.2	14.1	9.3	4.2	3.3	6.5	3.3	3.3	5.1
8	11.0	10.6	10.6	11.3	13.9	8.9	4.1	3.1	6.3	3.3	3.4	5.2
9	11.2	10.6	10.6	11.3	13.9	8.5	4.0	2.9	6.0	3.3	3.4	5.2
10	11.5	10.5	10.7	11.4	13.8	8.1	3.9	2.8	6.0	3.3	3.4	5.3
11	11.6	10.5	10.8	11.4	13.7	7.7	3.9	2.7	6.0	3.4	3.4	5.4
12	11.7	10.4	10.9	11.4	13.5	7.3	3.8	2.6	5.7	3.4	3.4	5.5
13	11.7	10.4	11.0	12.0	13.4	7.0	3.8	2.5	5.4	3.4	3.5	5.5
14	11.7	10.4	11.1	13.0	13.3	6.7	3.7	2.4	5.1	3.4	3.6	5.6
15	11.7	10.4	11.2	13.7	13.1	6.4	3.6	3.0	4.8	3.4	3.6	5.7
16	11.6	10.4	11.3	14.2	13.0	6.1	3.5	3.4	4.5	3.3	3.7	5.8
17	11.6	10.4	11.4	14.5	12.8	5.8	3.4	3.6	4.2	3.3	3.8	5.8
18	11.5	10.3	11.5	14.9	12.7	5.5	3.3	3.7	3.9	3.3	3.8	5.9
19	11.5	10.5	11.6	15.4	12.5	5.2	3.2	3.7	3.7	3.3	3.9	6.0
20	11.5	10.8	11.7	15.9	12.3	5.0	2.9	3.6	3.6	3.2	4.0	6.0
21	11.5	10.9	11.8	16.0	12.2	4.8	2.8	3.6	3.6	3.2	4.1	6.2
22	11.5	11.0	11.9	16.1	12.0	4.6	3.1	3.6	3.6	3.1	4.2	6.4
23	11.4	11.1	11.9	16.1	11.9	4.8	3.1	3.6	3.6	3.1	4.3	6.7
24	11.4	11.0	11.8	16.0	11.8	4.8	3.1	3.6	3.6	3.1	4.4	6.9
25	11.4	11.0	11.7	15.9	11.7	4.8	3.0	3.6	3.7	3.0	4.5	7.1
26	11.3	10.9	11.6	15.7	11.6	4.7	2.9	3.6	3.8	3.0	4.6	7.4
27	11.2	10.9	11.6	15.6	11.5	4.5	2.8	3.7	3.8	3.0	4.7	7.6
28	11.1	10.8	11.5	15.4	11.4	4.6	2.8	3.8	3.8	2.9	4.8	7.7
29	11.1	11.4	15.3	11.3	4.6	2.8	3.9	3.8	2.9	4.9	7.8	
30	11.1	11.3	15.1	11.2	4.6	2.8	3.9	3.7	2.9	4.9	8.1	
31	11.1	11.2		11.1			2.8	4.2		2.9		8.4

Observer:

OFFICIAL.

Filled out by U.S. G.G.B. Office

1912, 191
ARK., 189

St. Francis River
Zero Elevation

RIVER. Marked Tree, Ark.

feet above mean tide water in the Gulf of Mexico

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	8.7	12.9	14.1	17.1								
2	8.8	12.9	14.2	17.4								
3	8.9	12.8	14.3	17.6								
4	9.0	12.7	14.4	17.8								
5	9.2	12.7	14.5	17.9								
6	Frozen	12.7	14.6	18.1								
7	"	12.7	14.6	18.4								
8	"	12.7	14.8	18.6								
9	"	12.7	14.8	18.7								
10	"	12.8	14.9	18.9								
11	"	12.9	14.9	19.2								
12	"	13.0	14.9	19.9								
13	"	13.0	15.0	21.8								
14	"	13.0	15.0	Gage down								
15	"	13.0	15.3									
16	"	13.0	15.8									
17	8.8	13.1	15.7	24.1								
18	8.9	13.1	15.8	24.2								
19	9.6	13.1	15.9	24.2								
20	10.0	13.1	15.9	24.1								
21	10.3	13.2	15.9	24.0								
22	10.5	13.3	16.0	23.9								
23	10.8	13.4	16.0	23.7								
24	11.4	13.5	16.4	23.4								
25	11.8	13.6	16.4	22.9								
26	12.0	13.7	16.5	22.6								
27	12.3	13.8	16.6	22.2								
28	12.5	13.9	16.6	21.7								
29	12.6	14.0	16.9	21.4								
30	12.8		17.0	21.1								
31	12.9		17.0									

Observer B.M., Base Rail FRISCO
bridge = 36.7 on gauge.
H.W. Apr 4, 1897 = 26.2 feet.

OFFICIAL.

RIVER STAGES

River Gauge at _____

for the calendar year _____

Zero elevation _____ feet above _____

7.0 ft on Marked Tree Gauge - 5.0 ft Marked Tree

Bank full stage _____ feet on gauge _____

Days marked tree at or above 7 feet

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1970	31	29	31	30	31	30	28	0	0	0	0	731	1
21	31	28	31	30	31	20	0	0	0	0	8	31	2
22	31	28	31	30	31	5	0	0	0	0	0	7	3
23	23	28	31	30	31	30	14	0	0	0	7	29	4
24	31	29	31	30	31	30	4	11	0	0	0	0	5
25	0	7	31	21	0	0	0	0	0	21	30	31	6
26	31	28	31	30	10	0	0	0	0	0	0	8	7
27	31	28	31	30	31	30	27	0	0	0	4	13	8
28	31	29	31	30	31	16	31	9	0	0	0	20	9
29	31	28	31	30	31	30	4	0	0	0	0	2	10
30	31	28	31	15	7	0	0	0	0	0	0	0	11
Sum	309	290	341	306	265	201	103	20	0	74	49	148	12
Max	27 $\frac{1}{10}$	26 $\frac{1}{10}$	31	27 $\frac{8}{10}$	24 $\frac{1}{10}$	18 $\frac{3}{10}$	9 $\frac{4}{10}$	1 $\frac{6}{10}$	0	2 $\frac{2}{10}$	1 $\frac{5}{10}$	13 $\frac{5}{10}$	13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
Sum													
Mean													
High													
Low													

Remarks:

*4 at marked tree, 3 in channel
7 = 5 ft.
6 = 4 ft.
5 = 3 ft.
4 = 3 ft.*