

DAILY STAGES FOR 1999

HATCHIE RIVER AT RIALTO, TENN.

LOCATION. LAT. 35-38-14, LONG. 89-36-14. U.S. HIGHWAY 51 BRIDGE AT MILE 34.0. THE MOUTH OF HATCHIE RIVER IS 773.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, 2,308 SQUARE MILES. BANKFULL STAGE IS 12 FEET. DISCHARGE IS AFFECTED BY BACKWATER DURING HIGH MISSISSIPPI RIVER STAGES.

RECORDS AVAILABLE. STAGE, JAN. 7, 1939, TO DATE (HIGH WATER STAGES, 1932 TO DATE). PRIOR TO 1950, GAGE WAS LOCATED ONE MILE UPSTREAM. ZERO OF GAGE PRIOR TO 1953 WAS MINUS 0.30 FOOT, M.S.L. COMPUTED DAILY DISCHARGE, 1939 TO DATE.

EXTREMES. HIGHEST, 23.54 FEET ON JAN. 22, 23, AND 25, 1937. LOWEST, MINUS 0.06 FOOT ON SEPT. 28, 1956. MAXIMUM, 55,700 CFS COMPUTED FOR JUN. 13, 1946 (STAGE, 22.9). DISCHARGE NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 180 CFS COMPUTED FOR JULY 9, 10, NOV. 3, AND 4, 1943 (STAGE, 0.0).

DAILY EIGHT A.M. STAGE IN FEET						GAGE ZERO, 239.81 FEET, N.G.V.D. OF 1929						
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8.1	16.9	8.5	12.9	13.2	5.6	8.5	3.8	1.9	1.6	2.0	3.9
2	8.9	16.7	8.1	12.6	13.0	5.4	8.6	3.8	2.0	1.6	3.7	3.9
3	10.1	16.4	9.2	12.4	12.6	5.3	8.5	3.7	2.0	1.6	5.4	3.8
4	10.1	16.1	9.4	13.0	12.4	5.2	8.6	3.6	1.9	1.6	7.1	3.8
5	10.2	15.9	9.0	13.0	12.9	5.5	8.6	3.4	1.9	1.6	7.7	3.8
6	10.2	15.8	9.8	13.0	14.0	5.3	7.7	2.8	1.9	1.6	8.1	3.8
7	10.3	15.6	10.3	13.0	14.4	5.2	6.3	2.6	1.9	1.6	8.3	3.8
8	10.6	15.3	10.4	12.9	14.2	5.1	5.4	2.6	1.9	1.6	8.5	4.0
9	12.3	15.0	10.7	12.4	14.0	4.9	5.2	2.5	1.8	1.6	8.7	4.3
10	12.1	14.7	10.6	11.9	13.9	4.8	5.1	2.4	1.8	1.6	8.9	4.5
11	12.1	14.4	10.6	11.6	14.1	4.6	5.2	2.5	1.8	1.8	9.0	4.7
12	12.0	14.2	10.6	11.4	14.4	4.4	6.2	2.5	1.8	2.7	9.1	5.9
13	12.0	13.9	11.1	11.4	14.4	4.3	6.1	2.5	1.8	3.2	9.2	11.1
14	12.0	13.7	12.8	11.4	14.4	4.2	5.7	2.5	1.8	3.4	8.7	11.7
15	12.1	13.5	13.2	11.4	14.4	4.1	5.5	2.4	1.8	3.5	6.7	12.5
16	12.3	13.2	13.8	11.4	14.4	4.0	5.6	2.4	1.8	3.4	5.2	12.8
17	12.4	13.0	14.1	11.3	14.3	4.0	5.5	2.3	1.7	3.1	4.8	12.8
18	12.7	12.7	14.1	11.1	14.0	4.1	5.3	2.3	1.7	2.8	4.6	12.6
19	12.9	12.4	14.2	10.7	13.7	4.3	5.3	2.3	1.7	2.6	4.3	12.2
20	13.2	12.1	15.2	10.1	13.5	4.3	5.0	2.2	1.7	2.3	4.2	11.8
21	13.5	11.6	16.0	9.7	13.2	4.1	4.7	2.2	1.7	2.2	4.2	11.3
22	13.8	11.0	15.9	9.4	12.9	4.0	4.5	2.2	1.7	2.2	4.0	11.0
23	14.3	10.4	15.4	9.1	12.5	3.9	4.3	2.1	1.7	2.1	4.0	10.8
24	14.2	9.4	14.9	8.6	12.0	3.8	4.2	2.1	1.7	2.1	4.0	10.6
25	15.4	8.8	14.5	7.8	10.9	3.8	4.1	2.1	1.7	2.0	4.0	10.0
26	16.6	8.3	14.2	7.4	8.9	3.7	4.1	2.1	1.7	2.0	4.0	8.4
27	16.3	8.4	13.9	9.5	7.8	5.3	4.1	2.1	1.6	2.0	4.0	7.0
28	15.7	8.8	13.6	11.4	7.3	6.9	4.0	2.0	1.6	2.0	4.0	6.3
29	15.6		13.4	12.3	6.7	7.7	4.0	2.0	1.6	2.0	4.0	5.8
30	16.2		13.2	13.0	6.2	8.3	3.9	2.0	1.6	2.0	4.0	5.6
31	16.9		12.9		5.8		3.9	2.0		2.0		5.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	12.8	13.1	12.4	11.2	12.3	4.9	5.6	2.5	1.8	2.2	5.8	7.7
MAX.	16.9	16.9	16.0	13.0	14.4	8.3	8.6	3.8	2.0	3.5	9.2	12.8
MIN.	8.1	8.3	8.1	7.4	5.8	3.7	3.9	2.0	1.6	1.6	2.0	3.8

HIGHEST STAGE WAS 17.05 ON JAN 31.

LOWEST STAGE WAS 1.59 ON OCT 6 AND SUBSEQUENT DAYS.

