

## DAILY STAGES FOR 1999

## SOUTH FORK OBION RIVER NEAR KENTON, TENN.

LOCATION. LAT. 36-14-45, LONG. 88-58-28. COUNTY HIGHWAY BRIDGE, FOUR AND A HALF MILES NORTHEAST OF KENTON, TENN.

GAGE. STAFF TYPE AT BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, 750 SQUARE MILES. DISCHARGE WAS AFFECTED BY CHANNEL WORK IN NOV. 1966.

RECORDS AVAILABLE. STAGE, JAN. 22, 1939, TO JAN. 1, 1947, AND JUNE 19, 1947, TO DATE. MEASURED DISCHARGE, JAN. 1939 TO APR. 1950 AND AUG. 1958 TO DATE.

EXTREMES. HIGHEST, 24.4 FEET ON MAY 15, 1967. (26.2 FEET IN 1937 FROM A WATER MARK). LOWEST, 0.8 FEET ON DEC. 17, 1970. MAXIMUM, 18,800 CFS OBSERVED ON MAR. 11, 1946 (STAGE, 21.98). MINIMUM, 118 CFS OBSERVED ON SEP. 19, 1941 (STAGE, 10.15). DISCHARGE NOT DETERMINED FOR RECORD HIGH AND LOW STAGES.

DAY	DAILY EIGHT A.M. STAGE IN FEET											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	GAGE ZERO, 272.20 FEET, N.G.V.D. OF 1929											
1	8.7	16.0	11.7	9.0	10.0	8.6	9.8	7.6	7.6	7.8	7.9	8.0
2	8.9	15.2	11.3	9.0	9.8	8.5	9.0	7.6	7.6	7.8	8.1	8.0
3	9.0	13.4	11.5	9.0	9.7	8.5	8.6	7.6	7.6	7.8	8.1	8.0
4	9.0	11.9	11.0	16.5	9.7	8.5	8.5	7.6	7.6	7.8	8.1	9.0
5	9.0	11.0	10.7	13.0	12.8	8.5	8.4	7.6	7.6	7.8	8.1	8.4
6	8.9	9.8	14.2	15.8	18.6	8.4	8.3	7.6	7.6	7.8	8.1	8.1
7	8.9	10.0	11.8	11.6	16.3	8.4	8.3	7.6	7.6	7.8	8.1	8.1
8	10.0	9.9	10.8	10.6	11.5	8.2	8.1	7.6	7.6	7.8	8.1	8.0
9	18.7	9.9	10.7	10.2	10.4	8.2	8.1	7.6	7.6	8.2	8.1	8.0
10	18.6	9.9	9.9	9.5	10.0	8.2	9.0	7.9	7.6	8.2	8.0	8.1
11	17.2	9.9	9.7	9.5	9.8	8.2	8.7	7.9	7.6	8.2	8.0	8.1
12	14.4	9.6	9.7	9.5	9.6	8.2	8.6	7.9	7.6	8.2	8.0	12.8
13	11.8	9.6	10.1	9.5	9.8	8.2	8.6	7.9	7.6	8.2	8.0	15.6
14	11.5	9.6	18.0	9.5	9.8	8.2	8.5	7.9	7.6	8.2	8.0	13.0
15	10.9	9.6	15.0	12.8	9.8	8.2	8.4	7.9	7.6	8.2	8.0	11.7
16	10.9	9.6	10.5	11.5	9.8	8.2	8.3	7.9	7.6	8.1	7.9	8.1
17	9.5	9.5	9.7	9.9	9.6	8.2	8.3	7.9	7.6	8.1	7.9	8.1
18	12.1	9.5	9.7	9.9	9.0	8.2	8.3	7.9	7.6	8.1	7.9	8.1
19	10.7	9.5	9.7	9.8	8.7	8.2	8.3	7.9	7.6	8.1	7.9	8.1
20	9.6	9.5	9.7	9.2	8.7	8.1	8.2	7.9	7.6	8.0	8.5	8.1
21	9.2	9.5	9.7	9.2	8.7	8.1	8.1	7.9	7.6	8.0	8.3	8.1
22	9.3	9.5	9.7	9.0	8.7	8.1	8.0	7.9	7.6	8.0	8.1	8.1
23	19.0	9.5	9.7	8.7	8.6	8.1	8.0	7.9	7.6	8.0	8.1	8.1
24	18.9	9.5	9.8	8.7	8.6	8.3	7.9	7.6	7.6	7.9	8.1	8.1
25	18.9	9.5	9.8	8.7	8.6	8.3	7.9	7.6	7.6	7.9	8.0	8.0
26	18.8	9.5	9.1	8.6	8.6	8.2	7.9	7.6	7.6	7.9	8.0	8.0
27	16.5	11.3	9.1	11.0	8.6	10.0	7.9	7.6	7.6	7.9	8.0	8.0
28	15.9	11.8	9.0	13.1	8.6	9.5	7.9	7.6	7.6	7.9	8.0	8.0
29	13.2		9.0	13.0	8.6	9.6	7.6	7.6	7.8	7.9	8.0	8.0
30	14.0		8.9	12.8	8.6	9.2	7.6	7.6	7.8	7.9	8.0	8.0
31	16.3		8.9		8.6		7.6	7.6		7.9		8.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	12.8	10.5	10.6	10.6	9.9	8.4	8.3	7.7	7.6	8.0	8.0	8.8
MAX.	19.0	16.0	18.0	16.5	18.6	10.0	9.8	7.9	7.8	8.2	8.5	15.6
MIN.	8.7	9.5	8.9	8.6	8.6	8.1	7.6	7.6	7.6	7.8	7.9	8.0

HIGHEST STAGE WAS 19.00 ON JAN 23.

LOWEST STAGE WAS 7.60 ON AUG 1 AND SUBSEQUENT DAYS.