

## DAILY STAGES FOR 1997

## RUTHERFORD FORK OBION RIVER NEAR KENTON, TENN.

LOCATION. LAT. 36-12-05, LONG. 88-59-55. COUNTY HIGHWAY BRIDGE, THREE QUARTERS MILE EAST OF KENTON, TENN.

GAGE. GAGE HEIGHT DETERMINED BY MEASUREMENT FROM MARK ON GUARD RAIL.

GENERAL INFORMATION. DRAINAGE AREA, 270 SQUARE MILES. AFTER COMPLETION OF CHANNEL WORK IN NOV. 1966, DISCHARGE WAS AFFECTED.

RECORDS AVAILABLE. STAGE, JAN. 24, 1939, TO DATE. MEASURED DISCHARGE, JAN. 1939 TO DATE.

EXTREMES. HIGHEST, 17.5 FEET ON FEB. 1, 1956. LOWEST, MINUS 3.5 FEET FROM JUN. 6, 1996. MAXIMUM, 6,530 CFS OBSERVED ON JAN. 16, 1951 (STAGE, 14.9). MINIMUM, 17 CFS ON SEP. 20, 1941 (STAGE, 4.79).

DAY	DAILY EIGHT A.M. STAGE IN FEET											DEC
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
	GAGE ZERO, 284.95 FEET, N.G.V.D. OF 1929											
1	0.2	0.8	10.1	0.4	0.9	2.8	8.9	-0.3	0.9	-0.5	-0.4	-0.3
2	0.1	0.7	15.6	0.4	0.6	1.9	2.8	-0.4	-0.2	-0.5	-0.1	-0.3
3	-0.2	0.5	15.4	0.3	4.1	0.7	0.6	-0.4	-0.2	-0.5	-0.1	0.1
4	-0.3	12.8	15.0	0.3	1.2	0.3	0.6	-0.5	-0.4	-0.6	-0.1	0.2
5	6.4	13.0	15.2	4.2	0.3	0.2	0.2	-0.5	-0.4	-0.6	-0.1	0.2
6	1.6	11.6	15.0	4.3	0.2	0.2	0.1	-0.5	-0.4	-0.6	0.0	-0.1
7	0.5	5.6	14.6	2.2	0.0	0.9	-0.1	-0.5	-0.4	-0.6	0.0	-0.1
8	0.2	5.0	14.1	1.1	0.0	2.8	-0.1	-0.6	-0.6	-0.6	0.0	-0.1
9	0.0	2.5	10.5	0.9	-0.1	2.1	-0.3	-0.3	0.5	-0.6	0.0	-0.4
10	-0.2	1.6	6.3	0.8	-0.1	0.6	-0.3	0.0	0.5	-0.6	-0.1	0.3
11	A	1.3	3.6	0.6	-0.1	4.3	-0.3	0.0	-0.1	-0.6	-0.1	0.2
12	A	1.1	2.4	3.4	-0.1	1.2	-0.5	0.0	-0.1	-0.6	-0.1	0.2
13	A	0.8	1.8	2.6	-0.1	0.6	0.6	2.5	-0.3	-0.6	0.0	-0.1
14	A	5.3	1.7	1.8	-0.1	1.1	0.6	1.0	-0.3	-0.3	2.8	-0.1
15	A	2.2	1.5	1.0	-0.1	0.6	0.0	0.2	-0.4	-0.3	2.2	-0.2
16	6.2	1.8	1.4	0.8	-0.2	0.4	0.3	-0.1	-0.4	-0.4	0.8	-0.2
17	2.9	1.6	1.3	0.6	-0.2	0.6	0.0	-0.1	-0.4	-0.4	0.0	-0.2
18	0.8	0.9	1.2	0.3	-0.1	6.0	-0.3	-0.3	-0.4	-0.4	0.0	-0.3
19	0.7	0.6	10.4	0.3	-0.2	2.6	-0.4	-0.3	-0.5	-0.4	-0.1	-0.3
20	0.7	0.6	6.5	0.2	2.2	1.0	-0.4	1.7	-0.5	-0.4	-0.1	-0.3
21	0.6	6.4	4.8	0.2	1.7	0.5	0.0	0.9	-0.5	-0.4	-0.1	-0.3
22	2.3	4.6	1.7	0.3	0.9	2.7	-0.2	0.9	-0.5	-0.4	-0.1	-0.3
23	1.7	2.6	1.3	0.0	0.7	1.5	-0.2	0.7	-0.5	-0.4	-0.1	3.7
24	4.1	0.9	1.0	0.0	0.4	0.5	-0.3	0.1	-0.1	-0.4	-0.1	4.1
25	2.5	0.7	0.7	0.0	0.3	0.3	-0.5	-0.2	3.3	-0.4	-0.1	2.7
26	1.6	0.6	0.3	-0.2	0.1	0.1	-0.5	-0.3	0.5	-0.4	-0.2	0.8
27	0.7	5.9	2.4	3.2	11.8	0.1	-0.5	-0.4	0.1	-0.4	-0.2	0.7
28	8.6	2.7	2.0	2.3	3.1	1.5	-0.5	-0.4	-0.1	-0.4	-0.2	0.7
29	2.4		1.6	5.8	7.2	0.7	-0.5	-0.6	-0.2	-0.4	-0.2	0.7
30	1.3		0.9	1.7	1.2	-0.1	-0.3	2.7	-0.3	-0.4	-0.3	0.8
31	1.1		0.4		0.9		0.0	1.8		-0.4		0.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	3.4	5.8	1.3	1.2	1.3	0.3	0.2	-0.1	-0.5	0.1	0.4
MAX.	13.0	15.6	5.8	11.8	6.0	8.9	2.7	3.3	-0.3	2.8	4.1
MIN.	0.5	0.3	-0.2	-0.2	-0.1	-0.5	-0.6	-0.6	-0.6	-0.4	-0.4

HIGHEST STAGE WAS 15.60 ON MAR 2.  
LOWEST STAGE WAS -0.60 ON OCT 4.