

## DAILY STAGES FOR 1997

## WOLF RIVER AT RALEIGH, TENN.

LOCATION. LAT. 35-12-08, LONG. 89-55-24. MILE 9.4, AUSTIN PEAY HIGHWAY BRIDGE. THE MOUTH OF WOLF RIVER IS 738.6 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, 770 SQUARE MILES. BANKFULL STAGE, 12 FEET. DISCHARGE IS AFFECTED BY BACKWATER DURING HIGH MISSISSIPPI RIVER STAGES. RIVER CONDITIONS HAVE CHANGED SINCE 1962 DUE TO CHANNEL ENLARGEMENT AND REALIGNMENT OPERATIONS.

RECORDS AVAILABLE. STAGE, MAY 12, 1936, TO DATE. PRIOR TO NOV. 22, 1940, GAGE WAS 700 FEET DOWNSTREAM. COMPUTED DAILY DISCHARGE, 1936 TO DATE.

EXTREMES. HIGHEST, 23.72 FEET, FROM WATERMARK, ON JAN. 20, 1935. LOWEST, MINUS 5.93 FEET ON OCT. 15, 1963. MAXIMUM, 41,400 CFS COMPUTED FOR JAN. 9, 1946 (STAGE 20.4). DISCHARGE NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, NO FLOW FROM JAN. 30 TO FEB. 9, 1937, BECAUSE OF BACKWATER.

DAILY EIGHT A.M. STAGE IN FEET												GAGE ZERO, 217.22 FEET, N.G.V.D. OF 1929
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-0.1	0.3	3.6	4.0	1.4	2.3	-0.7	-2.4	-2.4	A	A	A
2	-0.5	-0.3	9.3	3.0	0.6	1.6	-1.1	-2.5	-2.1	A	A	A
3	-0.8	-0.4	12.4	1.8	0.1	0.6	-1.4	-2.5	-2.4	A	-2.2	-2.2
4	-1.1	8.1	11.7	0.5	-0.2	-0.1	-1.6	-2.5	-2.5	A	A	-2.3
5	0.6	3.9	9.4	4.1 E	-0.5	-0.4	-1.7	-2.5	-2.5	A	A	-2.3
6	0.2	4.0	10.2	3.3	-0.9	-0.5	-1.8	-2.5	-2.6	A	A	-2.3
7	-0.2	3.8	10.1	2.5	-1.1	-0.6	-1.8	-2.5	-2.7	A	A	-2.4
8	-0.6	4.0	9.2	1.0	-1.3	-1.0	-1.8	-2.5	-2.5	A	A	-2.3
9 E	-0.5	2.5 E	8.2	0.2	-1.5	-1.3	-1.7	-2.3	-0.4	A	A	-2.1
10 E	-1.6	1.8	8.9	-0.1	-1.5	-1.3	-1.6	-2.1	-1.1	A	A	-2.1
11	-0.8	1.0	9.5	-0.3	-1.6	0.6	-0.4	-2.3	-1.5	A	A	-2.1
12	-1.1	0.2	9.6	2.1	-1.7	1.5	-1.4	-2.2	-2.0	A	A	-2.2
13 E	-1.4	0.0	9.7	-0.2 E	-1.7	1.3	-1.5	-2.1	-2.3	A	A	-2.3
14 E	-1.8	0.9	10.0	-0.6 E	-1.8	1.2	-0.9	-2.0	-2.4	A	A	-2.3
15 E	-1.5	0.3	9.9	-0.8	-1.8	1.5	0.6	-0.8 E	-2.5	A	A	-2.3
16	1.0	0.0	9.7	-0.9	-1.8	1.0	-1.1	-1.1 E	-2.5	A	A E	-2.4
17	0.3	-0.3	9.6	-1.0	-1.8	4.9	-1.5	-1.4 E	-2.6	A	-2.2 E	-2.4
18	-0.3	-0.5	9.6	-1.1	-1.9	3.2	-1.6	-1.7 E	-2.6	A	A E	-2.4
19	-0.4	-0.8	10.4	-1.2	-1.9	3.8	-1.8	-2.0 E	-2.7	A	A	-2.4
20	-1.1	-1.2	9.9	-1.2	0.9	4.0	-1.8	1.6	-2.7	A	A	-2.4
21	-1.1	3.4	9.7	-1.3	-1.7	3.5	-1.8	-2.0 E	-2.1	A	A	-2.4
22	-1.2	0.8	9.4	-1.3	-1.7	2.7	-1.8	-2.2 E	-1.1	A	A	-1.6
23	-0.9	0.5	9.0	-1.2	-1.7	2.0	-1.3	-2.3 E	-0.1	A	A	-1.6
24	1.9	-0.2	8.5	-1.3	-1.7	1.3 E	-1.9 E	-2.4	9.3	A	A	3.4
25	0.9	-0.8	8.1	-1.3	-1.3	0.2 E	-2.2 E	-2.5	2.2	A	A	0.2
26	1.2	-0.9	7.8	-1.3	-1.6	3.5	-2.3 E	-2.5	3.0	A	A	0.2
27	0.8	0.9	7.3	2.0	1.9	0.4	-2.4 E	-2.6	2.9	A	A	0.2
28	3.2	0.0	6.8	2.2	-0.2	2.0	-2.1 E	-2.6	2.3	A	A	-0.1
29	2.0		6.2 E	2.6	-0.4	1.9	-1.6 E	-2.7	1.5	A	A	-0.4
30	1.9		5.5	2.1	-1.0	0.1	-2.3	-2.7	0.9	A	A	-0.8
31	1.0		4.9		5.2		-2.3	-2.6		A		-1.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-0.1	1.1	8.8	0.5	-0.8	1.3	-1.6	-2.1	-0.9
MAX.	3.2	8.1	12.4	4.1	5.2	4.9	0.6	1.6	9.3
MIN.	-1.8	-1.2	3.6	-1.3	-1.9	-1.3	-2.4	-2.7	-2.7

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 12.60 ON MAR 3.

LOWEST STAGE WAS NOT DETERMINED.