

DAILY STAGES FOR 1999

SOUTH FORK FORKED DEER RIVER NEAR HALLS, TENN.

LOCATION. LAT. 35-55-45, LONG. 89-23-25. MILE 11.3, OLD HIGHWAY 51 BRIDGE ABOUT FOUR MILES NORTH OF HALLS. THE MOUTH OF SOUTH FORK IS 20.6 MILES UPSTREAM FROM MOUTH OF FORKED DEER RIVER. FORKED DEER RIVER IS A TRIBUTARY ENTERING OBION RIVER AT MILE 3.0.

GAGE. AUTOMATIC RECORDER ON BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, 1,014 SQUARE MILES. BANKFULL STAGE, 8.5 FEET. DISCHARGE IS AFFECTED BY BACKWATER DURING HIGH MISSISSIPPI RIVER STAGES.

RECORDS AVAILABLE. STAGE, JAN. 19, 1939, TO DATE. DISCHARGE, 1939 TO DATE. COMPUTED DAILY, 1947 TO DATE.

EXTREMES. HIGHEST, 15.21 FEET ON MAR. 16, 1975. LOWEST, MINUS 5.71 FEET ON AUG. 9, 1977. MAXIMUM, 34,320 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 94 CFS OBSERVED ON JUN. 24, 1968.(STAGE 2.90).

DAY	DAILY EIGHT A.M. STAGE IN FEET											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	GAGE ZERO, 259.09 FEET, N.G.V.D. OF 1929											
1	-2.5	10.2	-0.8	0.3	3.5	-3.4	0.4	-4.2	A	A	-4.2	-3.8
2	-1.3	9.9	-1.4	-0.7	2.3	-3.4	-2.1	-4.3	-4.5	A	6.6	-3.8
3	0.7	9.4	2.6	-1.3	-0.7	-3.5	-3.1	-4.3	A	A	3.6	-3.8
4	0.3	8.7	-0.4	6.8	-1.7	-1.9	-3.4	-4.3	A	A	-0.4	-3.8
5	-0.3	8.2	-1.1	5.3	5.5	-2.0	-3.6	-4.3	A	A	-1.6	-3.5
6	-1.6	7.8	3.9	4.4	8.2	-3.1	-3.8	-4.3	A	A	-2.8	-3.0
7	-2.0	7.7	1.5	1.6	7.6	-3.4	-3.8	-4.3	A	A	-3.4	-2.8
8	-1.1	7.5	0.9	-0.3	7.6	-3.5	-3.9	-4.3	A	A	-3.5	-3.2
9	6.8	6.6	0.5	-1.2	7.2	-3.5	-3.9	-4.3	A	-4.1	-3.6	-3.5
10	3.2	4.0	-0.1	-1.7	6.6	-3.5	-3.8	-4.2	A	-4.0	-3.7	-2.8
11	1.9	2.0	-0.8	-2.0	5.8	-3.5	-2.3	-4.2	A	-0.9	-3.8	-2.2
12	2.3	1.3	-1.4	-2.3	4.8	-3.5	2.9	-3.9	A	-2.6	-3.8	-1.9
13	2.3	0.9	-1.0	-2.6	1.6	-2.8	0.5	-4.2	A	-3.5	-3.8	6.8
14	1.2	0.5	8.0	-2.7	0.4	-2.6	0.0	-4.3	A	-3.8	-3.8	7.2
15	-0.9	-0.4	6.6	-1.9	-0.2	-1.8	-2.0	-4.3	A	-4.0	-3.8	7.1
16	-1.6	-0.1	6.3	-0.8	-1.2	-2.1	-2.9	A	A	-4.1	-3.8	7.0
17	-1.9	-0.6	5.6	-0.7	-1.9	-2.9	-3.3	A	A	-4.1	-3.9	6.0
18	-1.1	-0.7	4.9	-1.7	-2.2	-3.4	-3.6	A	A	-4.1	-3.8	2.5
19	-0.4	-1.2	4.3	-2.3	-2.3	-3.7	-3.8	A	A	-4.1	F -3.8	-0.5
20	-0.9	-1.6	3.3	-2.5	-2.5	-3.7	-3.8	A	A	A	A	-1.5
21	-1.5	-1.8	0.7	-2.6	-2.8	-3.7	-3.9	A	A	A	A	-2.0
22	-1.4	-2.0	-0.6	-2.8	-2.9	-3.8	-3.9	A	A	A	A	-2.3
23	6.4	-2.0	-1.2	-2.9	-2.8	-3.8	A	A	A	A	F -3.7	-2.6
24	5.5	-2.2	-1.3	-3.0	-2.9	-3.8	A	A	A	A	A	-3.7
25	4.9	-2.2	-1.0	-2.5	-3.2	-3.5	A	A	A	A	A	-3.7
26	5.1	-2.2	-1.4	-2.2	-3.3	-1.6	A	A	A	A	A	-3.7
27	6.1	-1.5	-1.8	4.4	-3.3	1.1	-4.1	A	A	A	A	-3.7
28	7.8	-0.4	-2.1	5.7	-3.4	3.0	-4.1	A	A	A	A	-3.8
29	9.6		-2.1	5.1	-3.5	5.6	-4.1	A	A	A	A	-3.8
30	10.5		-2.0	4.3	-3.5	-0.6	-4.2	A	A	A	A	-3.8
31	10.3		-1.6		-3.5		-4.2	A		A		-3.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	2.1	2.3	0.9	-0.1	0.4	-2.4						-1.1
MAX.	10.5	10.2	8.0	6.8	8.2	5.6						7.2
MIN.	-2.5	-2.2	-2.1	-3.0	-3.5	-3.8						-3.8

F - NOT AT STATED TIME
HIGHEST STAGE WAS 10.86 ON MAY 5.
LOWEST STAGE WAS NOT DETERMINED.