

DAILY STAGES FOR 1994

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET. DRAINAGE AREA, 934 SQUARE MILES.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 2.76 FEET ON JUN. 30, 1988. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	A	A	A	A	A	A	A	A
2	A	A	A	A	A	A	A	A	A	A	A	A
3	A	A	A	A	A	A	A	A	A	A	A	A
4	A	A	A	A	A	A	A	A	A	A	A	A
5	A	A	A	A	A	A	A	A	A	A	A	A
6	A	A	A	A	A	A	A	A	A	A	A	A
7	A	A	A	A	A	A	A	A	A	A	A	A
8	A	A	A	A	A	A	A	A	A	A	A	A
9	A	A	A	A	A	A	A	A	A	A	A	A
10	A	A	A	A	A	A	A	A	A	A	A	A
11	A	A	A	A	A	A	A	A	A	A	A	A
12	A	A	A	A	A	A	A	A	A	A	A	A
13	A	A	A	A	A	A	A	A	A	A	A	A
14	A	A	A	A	A	A	A	A	A	A	A	A
15	A	A	A	A	A	A	A	A	A	A	A	A
16	A	A	A	A	A	A	A	A	A	A	A	A
17	A	A	A	A	A	A	A	A	A	A	A	A
18	A	A	A	A	A	A	A	A	A	A	A	A
19	A	A	A	A	A	A	A	A	A	A	A	A
20	A	A	A	A	A	A	A	A	A	A	A	A
21	A	A	A	A	A	A	A	A	A	A	A	A
22	A	A	A	A	A	A	A	A	A	A	A	A
23	A	A	A	A	A	A	A	A	A	A	A	A
24	A	A	A	A	A	A	A	A	A	A	A	A
25	A	A	A	A	A	A	A	A	A	A	A	A
26	A	A	A	A	A	A	A	A	A	A	A	A
27	A	A	A	A	A	A	A	A	A	A	A	A
28	A	A	A	A	A	A	A	A	A	A	A	A
29	A	A	A	A	A	A	A	A	A	A	A	A
30	A	A	A	A	A	A	A	A	A	A	A	A
31	A	A	A	A	A	A	A	A	A	A	A	A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN
MAX.
MIN.

THIS GAGING STATION WAS DISCONTINUED IN JANUARY 1991.

DAILY STAGES FOR 1993

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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.

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DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	A	A	A	A	A	A	A	A
2	A	A	A	A	A	A	A	A	A	A	A	A
3	A	A	A	A	A	A	A	A	A	A	A	A
4	A	A	A	A	A	A	A	A	A	A	A	A
5	A	A	A	A	A	A	A	A	A	A	A	A
6	A	A	A	A	A	A	A	A	A	A	A	A
7	A	A	A	A	A	A	A	A	A	A	A	A
8	A	A	A	A	A	A	A	A	A	A	A	A
9	A	A	A	A	A	A	A	A	A	A	A	A
10	A	A	A	A	A	A	A	A	A	A	A	A
11	A	A	A	A	A	A	A	A	A	A	A	A
12	A	A	A	A	A	A	A	A	A	A	A	A
13	A	A	A	A	A	A	A	A	A	A	A	A
14	A	A	A	A	A	A	A	A	A	A	A	A
15	A	A	A	A	A	A	A	A	A	A	A	A
16	A	A	A	A	A	A	A	A	A	A	A	A
17	A	A	A	A	A	A	A	A	A	A	A	A
18	A	A	A	A	A	A	A	A	A	A	A	A
19	A	A	A	A	A	A	A	A	A	A	A	A
20	A	A	A	A	A	A	A	A	A	A	A	A
21	A	A	A	A	A	A	A	A	A	A	A	A
22	A	A	A	A	A	A	A	A	A	A	A	A
23	A	A	A	A	A	A	A	A	A	A	A	A
24	A	A	A	A	A	A	A	A	A	A	A	A
25	A	A	A	A	A	A	A	A	A	A	A	A
26	A	A	A	A	A	A	A	A	A	A	A	A
27	A	A	A	A	A	A	A	A	A	A	A	A
28	A	A	A	A	A	A	A	A	A	A	A	A
29	A	A	A	A	A	A	A	A	A	A	A	A
30	A		A	A	A	A	A	A	A	A	A	A
31	A		A		A		A	A		A		A

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1	A	A	A	A	A	A	A	A	A	A	A	A
2	A	A	A	A	A	A	A	A	A	A	A	A
3	A	A	A	A	A	A	A	A	A	A	A	A
4	A	A	A	A	A	A	A	A	A	A	A	A
5	A	A	A	A	A	A	A	A	A	A	A	A
6	A	A	A	A	A	A	A	A	A	A	A	A
7	A	A	A	A	A	A	A	A	A	A	A	A
8	A	A	A	A	A	A	A	A	A	A	A	A
9	A	A	A	A	A	A	A	A	A	A	A	A
10	A	A	A	A	A	A	A	A	A	A	A	A
11	A	A	A	A	A	A	A	A	A	A	A	A
12	A	A	A	A	A	A	A	A	A	A	A	A
13	A	A	A	A	A	A	A	A	A	A	A	A
14	A	A	A	A	A	A	A	A	A	A	A	A
15	A	A	A	A	A	A	A	A	A	A	A	A
16	A	A	A	A	A	A	A	A	A	A	A	A
17	A	A	A	A	A	A	A	A	A	A	A	A
18	A	A	A	A	A	A	A	A	A	A	A	A
19	A	A	A	A	A	A	A	A	A	A	A	A
20	A	A	A	A	A	A	A	A	A	A	A	A
21	A	A	A	A	A	A	A	A	A	A	A	A
22	A	A	A	A	A	A	A	A	A	A	A	A
23	A	A	A	A	A	A	A	A	A	A	A	A
24	A	A	A	A	A	A	A	A	A	A	A	A
25	A	A	A	A	A	A	A	A	A	A	A	A
26	A	A	A	A	A	A	A	A	A	A	A	A
27	A	A	A	A	A	A	A	A	A	A	A	A
28	A	A	A	A	A	A	A	A	A	A	A	A
29	A	A	A	A	A	A	A	A	A	A	A	A
30	A		A	A	A	A	A	A	A	A	A	A
31	A		A		A		A	A		A		A

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1	A	A	A	A	A	A	A	A	A	A	A	A
2	A	A	A	A	A	A	A	A	A	A	A	A
3	A	A	A	A	A	A	A	A	A	A	A	A
4	A	A	A	A	A	A	A	A	A	A	A	A
5	A	A	A	A	A	A	A	A	A	A	A	A
6	A	A	A	A	A	A	A	A	A	A	A	A
7	A	A	A	A	A	A	A	A	A	A	A	A
8	A	A	A	A	A	A	A	A	A	A	A	A
9	A	A	A	A	A	A	A	A	A	A	A	A
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14	A	A	A	A	A	A	A	A	A	A	A	A
15	A	A	A	A	A	A	A	A	A	A	A	A
16	A	A	A	A	A	A	A	A	A	A	A	A
17	A	A	A	A	A	A	A	A	A	A	A	A
18	A	A	A	A	A	A	A	A	A	A	A	A
19	A	A	A	A	A	A	A	A	A	A	A	A
20	A	A	A	A	A	A	A	A	A	A	A	A
21	A	A	A	A	A	A	A	A	A	A	A	A
22	A	A	A	A	A	A	A	A	A	A	A	A
23	A	A	A	A	A	A	A	A	A	A	A	A
24	A	A	A	A	A	A	A	A	A	A	A	A
25	A	A	A	A	A	A	A	A	A	A	A	A
26	A	A	A	A	A	A	A	A	A	A	A	A
27	A	A	A	A	A	A	A	A	A	A	A	A
28	A	A	A	A	A	A	A	A	A	A	A	A
29	A	A	A	A	A	A	A	A	A	A	A	A
30	A	A	A	A	A	A	A	A	A	A	A	A
31	A	A	A	A	A	A	A	A	A	A	A	A

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MEAN
MAX.
MIN.

A- NO RECORD.
THIS GAGING STATION WAS DISCONTINUED IN JANUARY 1991.

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DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	A	A	A	A	A	A	A	A
2	A	A	5.9	A	A	A	A	A	A	A	A	A
3	A	A	A	A	A	A	A	A	A	A	A	A
4	8.2	A	A	5.2	A	A	A	A	A	A	A	A
5	A	A	A	A	A	A	A	A	A	A	A	A
6	A	A	A	A	A	6.1	A	A	A	A	A	A
7	A	A	A	A	10.8	A	A	A	A	A	A	A
8	A	A	A	A	A	A	A	A	A	A	A	A
9	6.1	A	A	A	A	A	A	A	A	A	A	A
10	A	A	A	A	A	A	A	A	A	A	A	A
11	4.8	A	A	A	A	A	A	A	A	A	A	A
12	4.5	A	A	A	A	A	A	A	A	A	A	A
13	A	16.4	A	A	A	A	A	A	A	A	A	A
14	A	A	A	A	A	A	A	A	A	A	A	A
15	A	A	15.0	A	A	A	A	A	A	A	A	A
16	A	A	A	4.8	A	A	9.0	A	A	A	A	A
17	A	A	A	A	A	A	A	A	A	A	A	A
18	A	A	A	A	A	A	A	A	A	A	A	A
19	A	A	A	A	A	A	A	A	A	A	A	A
20	A	A	A	A	A	A	A	A	A	A	A	A
21	A	A	A	A	A	A	A	A	A	A	A	A
22	A	A	A	A	11.9	A	A	A	A	A	A	A
23	A	A	A	A	A	A	A	A	A	A	A	A
24	A	A	A	A	A	A	A	A	A	A	A	A
25	A	A	A	10.8	A	A	A	A	A	A	A	A
26	A	A	A	A	A	4.7	A	A	A	A	A	A
27	A	A	A	A	A	A	3.7	A	A	A	A	A
28	A	A	4.8	A	A	A	A	A	A	A	A	A
29	A	A	A	A	5.0	A	A	A	A	A	A	A
30	A	A	A	A	A	A	A	A	A	A	A	A
31												

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MEAN
MAX.
MIN.

A-NO RECORD.

YEARLY RECORD INCOMPLETE.

STAGES SHOWN ARE MEAN STAGES FOR TIME OF DISCHARGE OBSERVATIONS.

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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.

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DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.5	8.9	16.3	A	A	3.1	A	A	3.3	A	A	A
2	16.2	8.6	15.6	A	A	A	A	A	A	A	A	A
3	16.0	12.4	14.8	A	A	A	A	A	A	A	A	A
4	15.8	12.6	13.7	16.4	A	A	A	A	A	A	A	A
5	15.4	12.2	13.7	A	3.6	A	A	A	A	A	A	A
6	15.2	11.0	14.9	16.8	A	A	A	A	A	A	A	A
7	14.8	10.1	15.2	A	A	A	A	A	A	A	A	A
8	14.3	9.2	14.9	A	A	A	A	3.1	A	A	A	A
9	13.9	7.1	14.4	A	A	A	A	A	A	A	A	A
10	13.3	5.9	14.3	A	A	A	A	A	A	A	A	A
11	12.4	5.5	14.5	A	A	A	A	A	A	A	4.1	A
12	14.3	5.2	14.6	A	A	A	A	A	A	A	A	A
13	15.2	5.2	14.4	A	A	A	12.2	A	A	A	A	A
14	15.9	14.2	13.3	A	A	A	A	A	A	A	A	A
15	16.7	15.9	10.1	A	3.6	A	A	A	A	A	A	A
16	17.6	17.2	6.8	A	A	A	A	A	A	A	A	A
17	17.9	17.5	5.4	A	A	A	A	A	A	A	A	A
18	17.9	17.8	5.0	A	A	A	A	A	A	A	A	A
19	17.9	18.2	5.6	A	A	A	A	A	A	A	A	A
20	17.8	18.1	5.4	A	A	A	4.5	A	A	5.3	A	A
21	17.3	18.5	9.9	A	A	A	A	A	A	A	A	A
22	16.8	18.5	A	A	A	9.3	A	A	3.1	A	A	A
23	16.2	18.1	A	A	A	A	A	A	A	A	A	A
24	15.4	17.4	A	A	A	A	4.0	A	A	A	A	A
25	13.9	17.1	A	A	A	A	A	A	A	A	A	A
26	11.2	17.3	A	3.7	A	A	A	A	A	A	A	A
27	10.2	17.3	A	A	A	A	A	A	A	A	A	3.5
28	8.7	16.9	A	A	A	A	A	A	A	A	A	A
29	7.3		A	A	A	A	A	A	A	A	A	A
30	10.6		A	A	A	A	A	A	A	A	3.9	A
31	9.2		A		A		3.8	A		A		A

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MEAN	14.57	13.35
MAX.	17.9	18.5
MIN.	7.3	5.2

A- NO RECORD.

HIGHEST RECORDED STAGE WAS 18.52 ON FEB 21.
LOWEST STAGE WAS NOT DETERMINED.

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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.

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RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 3.00 FEET ON OCT. 3, 1983. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.1	5.9	4.8	9.0	3.7	3.3	2.8	6.1	3.1	11.7	4.0	16.3
2	18.2	8.8	4.7	10.1	3.6	3.2	3.0	4.3	3.0	12.4	3.9	15.9
3	17.4	12.3	5.2	9.1	3.6	3.3	3.4	4.8	3.0	11.7	3.9	15.6
4	16.6	12.0	7.3	8.9	3.6	3.2	3.3	6.1	5.4	10.4	3.9	15.1
5	16.0	11.4	7.5	8.6	3.7	3.1	3.2	5.4	4.2	9.7	5.0	13.7
6	15.3	10.7	6.7	7.2	3.7	3.1	3.0	4.4	3.5	9.7	6.5	10.7
7	14.2	10.5	6.1	5.8	3.6	3.1	3.0	3.8	3.3	9.7	5.0	7.8
8	11.7	10.7	5.4	5.2	3.5	3.0	3.0	3.6	3.1	9.0	4.4	6.1
9	9.4	10.7	5.9	4.8	3.5	3.0	3.0	3.5	3.1	6.6	4.1	5.3
10	7.7	9.3	7.8	4.7	3.8	3.0	2.9	3.4	3.0	5.4	4.0	5.0
11	6.7	7.2	7.6	4.3	3.7	3.0	4.2	3.3	3.0	4.7	4.1	4.8
12	5.7	6.2	7.0	4.3	3.6	3.0	9.4	3.3	3.0	4.3	4.1	4.6
13	7.1	5.8	7.7	5.0	3.4	3.0	13.3	3.2	3.0	4.1	4.2	4.5
14	6.9	5.8	7.1	4.6	3.4	3.0	12.4	3.2	3.0	3.9	4.5	4.4
15	6.2	12.1	6.0	4.4	3.3	3.0	10.6	3.2	3.0	3.8	4.3	4.4
16	6.0	11.7	5.4	4.2	3.3	2.9	9.7	3.1	3.0	3.8	4.5	4.3
17	6.6	11.0	5.1	4.2	3.3	2.9	9.4	3.1	9.1	3.8	6.2	4.2
18	7.7	10.6	4.9	4.3	3.2	2.9	8.7	3.1	5.0	3.8	5.3	4.1
19	11.0	12.1	4.8	7.1	3.2	2.9	6.0	3.1	5.3	3.7	13.9	4.1
20	15.2	12.1	4.8	7.6	3.2	2.9	4.8	3.3	3.9	3.7	15.5	4.1
21	16.4	11.7	4.7	7.2	3.1	2.9	6.1	3.6	3.5	3.6	16.5	5.1
22	16.4	11.2	4.5	6.0	3.2	2.9	4.7	3.3	3.4	3.7	16.8	10.3
23	16.0	9.4	4.4	5.0	4.6	2.9	4.3	3.3	3.3	3.7	16.8	11.9
24	15.6	7.8	4.3	4.5	5.3	2.8	3.9	3.1	3.3	3.8	17.0	13.3
25	15.2	6.4	4.8	4.3	4.6	2.9	4.5	3.1	10.4	4.0	17.2	13.4
26	14.9	5.8	4.8	4.1	4.3	2.8	7.0	3.1	8.9	3.9	17.3	14.7
27	14.5	5.4	4.7	4.0	4.1	2.8	5.3	3.0	8.8	3.8	17.6	15.3
28	13.1	5.2	4.4	3.9	3.8	2.8	4.1	3.0	7.7	5.1	17.6	16.2
29	9.9	5.0	4.3	3.8	3.6	2.8	3.7	3.0	5.4	5.7	17.3	16.9
30	7.5		4.4	3.7	3.4	2.8	3.6	3.0	4.4	4.5	16.8	17.2
31	6.1		5.4		3.3		4.1	3.2		4.2		16.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	11.94	9.12	5.57	5.66	3.64	2.97	5.50	3.60	4.49	5.87	9.41	9.87
MAX.	19.1	12.3	7.8	10.1	5.3	3.3	13.3	6.1	10.4	12.4	17.6	17.2
MIN.	5.7	5.0	4.3	3.7	3.1	2.8	2.8	3.0	3.0	3.6	3.9	4.1

HIGHEST STAGE WAS 19.34 ON JAN. 1.

LOWEST STAGE WAS 2.76 ON JUN. 30.

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET. DRAINAGE AREA, 934 SQUARE MILES.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 3.00 FEET ON OCT. 3, 1983. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.
DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 262.39 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.8	4.9	15.3	6.1	3.8	4.5	8.6	3.3	3.1	3.5	3.3	7.6
2	4.7	6.5	15.8	5.4	3.8	4.1	6.7	3.2	3.1	3.4	3.3	6.1
3	4.6	7.0	15.9	4.9	3.7	4.2	5.6	3.3	3.0	3.3	3.3	5.2
4	4.6	6.5	15.9	4.7	3.7	3.8	9.5	3.3	3.1	3.3	3.3	4.7
5	4.6	5.8	16.1	4.5	3.8	3.6	8.8	3.2	3.0	3.2	3.3	4.4
6	4.6	5.4	16.1	4.3	3.7	3.6	6.3	4.0	3.1	3.3	3.3	4.2
7	4.5	5.1	16.1	4.3	3.7	3.4	4.6	3.9	3.0	3.2	3.3	4.2
8	4.5	4.8	15.8	4.3	3.6	3.3	4.1	3.4	3.0	3.2	3.3	4.1
9	4.5	4.6	15.1	4.3	3.5	3.3	3.9	3.3	3.0	3.3	3.3	4.1
10	4.5	4.5	13.4	4.2	3.5	3.3	3.8	3.2	3.1	3.2	7.6	4.1
11	4.6	4.5	9.2	4.1	3.5	3.3	3.8	3.2	3.3	3.1	7.3	4.1
12	4.6	4.4	6.8	4.3	3.4	3.3	3.7	3.2	3.3	3.1	5.2	4.0
13	4.5	4.4	5.9	4.2	4.5	3.5	3.6	3.1	3.3	3.1	4.3	3.9
14	4.5	4.4	5.4	11.8	3.6	3.6	3.6	3.2	5.0	3.1	3.9	4.0
15	4.5	4.8	5.1	9.7	3.5	3.4	3.5	3.1	4.0	3.1	3.8	10.7
16	4.5	5.2	4.9	10.0	4.1	5.1	3.4	3.1	3.9	3.1	3.7	6.5
17	4.5	7.1	4.8	8.7	3.6	4.9	3.4	3.1	3.5	3.1	9.9	5.2
18	4.5	7.4	8.0	8.1	3.4	4.0	3.3	3.1	3.4	3.1	5.9	4.7
19	4.8	6.5	7.6	6.7	3.4	5.4	3.3	3.2	3.4	3.1	4.7	4.5
20	5.6	5.8	8.1	5.6	3.4	4.0	3.3	3.5	3.4	3.2	4.2	4.9
21	5.1	5.4	7.6	5.1	3.4	4.2	3.2	3.4	3.4	3.3	3.9	4.7
22	4.9	5.7	6.3	4.8	3.3	5.8	3.2	3.2	3.3	3.2	3.8	4.6
23	4.7	9.7	5.6	4.5	4.4	7.2	3.3	3.2	3.3	3.2	3.8	4.4
24	4.6	8.7	5.2	4.3	4.3	7.1	4.7	3.1	3.3	3.2	3.9	4.4
25	4.7	9.0	5.3	4.2	5.5	5.0	7.6	3.1	3.3	3.2	6.2	14.8
26	5.3	9.0	5.0	4.1	5.4	6.0	5.2	3.1	3.2	3.2	4.9	17.1
27	5.6	13.2	4.8	4.0	5.8	5.1	3.7	3.0	3.2	7.2	8.4	18.8
28	5.3	14.3	4.6	4.0	4.8	4.1	3.5	3.1	3.2	4.0	10.7	19.8
29	5.6		4.5	3.9	4.8	3.7	3.4	3.2	3.3	3.7	10.4	21.0
30	5.5		4.4	3.8	4.3	3.5	3.3	3.3	3.8	3.5	8.9	20.7
31	5.3		5.2		3.9		3.3	3.1		3.4		19.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	4.81	6.59	9.02	5.43	3.96	4.31	4.55	3.25	3.34	3.40	5.17	8.11
MAX.	5.6	14.3	16.1	11.8	5.8	7.2	9.5	4.0	5.0	7.2	10.7	21.0
MIN.	4.5	4.4	4.4	3.8	3.3	3.3	3.2	3.0	3.0	3.1	3.3	3.9

HIGHEST STAGE WAS 21.14 ON DEC. 29.
LOWEST STAGE WAS 3.01 ON SEP. 7.

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET. DRAINAGE AREA, 934 SQUARE MILES.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 3.00 FEET ON OCT. 3, 1983. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	4.2	4.6	4.4	3.9	4.2	4.7	3.5	3.2	3.3	3.5	5.9
2	A	4.1	4.4	4.4	4.7	7.5	4.1	3.4	3.2	3.3	3.5	6.3
3	4.4	4.1	4.3	4.4	4.7	7.2	3.9	3.4	3.2	3.4	3.5	6.1
4	4.4	4.2	4.3	4.4	4.3	5.4	3.8	3.3	3.3	3.4	3.5	5.6
5	4.3	4.3	4.3	4.7	4.0	8.9	3.8	3.3	3.3	3.4	3.6	5.2
6	4.2	4.6	4.3	8.1	3.9	9.2	3.7	3.3	3.3	3.4	4.1	4.9
7	4.2	6.0	4.2	7.9	3.8	11.1	3.6	3.3	3.3	3.5	4.1	4.7
8	4.2	6.3	4.1	8.7	3.9	10.4	3.7	3.5	3.2	3.5	12.2	4.8
9	4.1	5.4	4.2	8.4	3.8	10.2	3.6	3.5	3.2	3.4	10.9	10.1
10	4.1	5.0	4.1	7.6	3.9	13.0	3.7	3.8	3.2	3.4	9.6	12.3
11	4.1	4.8	4.2	6.0	7.6	13.6	3.6	4.8	3.2	3.4	12.1	11.1
12	4.2	4.7	10.0	5.4	4.6	13.7	3.5	4.1	3.2	3.5	10.8	10.7
13	4.2	4.5	7.3	5.0	4.2	13.2	3.4	3.7	3.2	3.5	10.3	10.9
14	4.2	4.5	8.0	4.8	4.1	11.6	3.6	3.5	3.4	3.6	10.7	10.7
15	4.1	9.0	7.4	4.6	3.9	8.4	7.3	3.4	3.3	3.6	12.1	10.9
16	4.1	8.5	6.3	4.5	3.8	6.3	7.2	3.8	3.2	3.5	12.6	11.2
17	4.1	8.1	5.6	4.4	3.7	5.4	5.8	3.7	3.2	3.5	13.1	10.5
18	4.1	8.2	5.0	4.3	6.0	4.9	4.8	3.5	3.2	3.4	13.1	8.3
19	4.5	8.4	5.6	4.2	4.0	4.5	4.1	3.5	8.1	3.4	11.3	6.9
20	5.4	8.3	7.9	4.3	3.8	4.4	3.8	3.4	7.6	3.4	8.3	6.0
21	4.9	7.4	8.3	5.2	3.8	4.1	3.7	3.4	6.8	3.4	6.7	5.4
22	4.6	6.0	8.7	5.5	3.7	4.0	3.6	3.3	4.6	3.4	6.0	5.1
23	4.4	5.3	9.0	4.9	5.6	3.9	3.5	3.3	3.9	3.3	5.5	4.9
24	4.3	5.0	9.0	4.5	4.4	3.9	3.5	3.1	3.7	3.4	5.1	8.4
25	4.3	4.8	7.7	4.3	11.1	3.8	3.4	3.3	3.6	6.5	5.3	8.4
26	4.3	4.7	5.9	4.2	10.4	3.8	3.4	3.3	3.5	5.2	5.6	8.2
27	4.2	4.7	5.3	4.1	8.8	3.7	8.6	3.3	3.5	4.3	7.8	7.6
28	4.1	4.8	5.1	4.1	6.7	3.7	3.9	3.3	3.4	3.9	8.0	6.5
29	4.1		4.9	4.0	5.7	4.3	3.7	3.4	3.4	3.7	7.7	5.6
30	4.1		4.7	3.9	5.2	5.4	3.6	3.3	3.4	3.6	6.9	5.2
31	4.2		4.6		4.6		3.5	3.2		3.5		5.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.71	5.92	5.17	5.05	7.12	4.20	3.48	3.79	3.66	7.92	7.53
MAX.	9.0	10.0	8.7	11.1	13.7	8.6	4.8	8.1	6.5	13.1	12.3
MIN.	4.1	4.1	3.9	3.7	3.7	3.4	3.1	3.2	3.3	3.5	4.7

A- NO RECORD.

HIGHEST STAGE WAS 13.88 ON JUN. 12.

LOWEST STAGE WAS 3.14 ON SEP. 12.

DAILY STAGES FOR 1985

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET. DRAINAGE AREA, 934 SQUARE MILES.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 3.00 FEET ON OCT. 3, 1983. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.8	9.9	8.6	9.8	11.9	4.5	4.7	3.8	3.6	8.5	5.4	10.9
2	9.1	I	7.2	8.0	10.7	4.3	4.0	3.8	3.6	6.4	6.2	11.7
3	8.6	I	6.5	7.0	9.5	4.2	4.2	3.7	3.5	5.1	5.7	11.1
4	8.3	I	6.1	6.6	8.9	4.0	4.0	3.6	3.5	4.5	5.1	10.8
5	8.1	I	6.6	5.9	8.6	3.9	4.0	3.5	3.8	4.2	4.8	9.8
6	8.2	I	6.3	7.0	8.4	3.8	12.4	4.1	3.9	4.0	4.6	7.9
7	8.0	I	5.9	6.1	6.9	3.8	11.4	4.2	3.7	3.9	4.4	6.5
8	8.5	I	5.5	5.5	6.0	3.8	7.3	6.1	3.6	3.9	4.3	5.8
9	7.8	I	5.5	5.1	7.7	4.1	5.3	4.7	3.5	3.8	4.3	5.4
10	7.5	I	5.5	4.9	8.0	3.9	4.6	4.1	3.6	3.8	4.2	5.1
11	8.3	I	5.3	4.8	8.0	4.7	4.3	4.5	3.5	3.8	4.1	5.1
12	7.9	I	5.3	4.7	7.4	7.2	5.7	3.7	3.5	3.8	4.3	10.5
13	6.8	I	5.5	4.6	5.9	4.2	4.3	3.6	3.4	3.8	4.4	8.7
14	6.1	I	5.3	4.6	5.3	3.9	4.1	3.6	3.5	3.7	4.2	A
15	5.7	I	5.4	5.8	4.9	3.9	3.8	3.5	3.5	3.8	4.2	A
16	5.5	I	5.4	6.2	4.7	3.7	4.4	4.0	3.4	4.6	4.2	A
17	8.3	I	5.2	5.7	4.4	3.7	6.5	5.2	3.3	4.2	5.7	A
18	8.3	I	5.0	5.3	4.3	8.7	4.6	6.9	3.4	4.0	5.6	A
19	8.1	I	4.8	5.1	4.3	6.8	3.9	5.1	3.4	3.9	5.5	A
20	6.9	I	4.8	4.7	4.2	5.2	3.7	4.4	3.3	4.1	5.2	A
21	I	10.7	4.7	4.5	4.1	4.8	3.6	4.0	3.3	6.2	5.1	A
22	I	9.1	6.3	4.3	12.0	4.5	3.6	3.9	3.3	6.7	4.7	A
23	I	7.8	7.3	4.3	9.2	6.7	3.7	3.7	3.3	5.2	4.5	A
24	I	13.3	6.8	12.5	6.5	6.0	3.7	4.5	3.8	7.3	4.3	A
25	I	13.3	6.7	11.5	5.7	4.9	3.6	7.5	5.0	7.4	4.2	A
26	I	12.4	6.1	10.3	5.1	4.7	3.7	5.0	7.8	6.5	4.2	A
27	I	11.2	5.6	9.9	4.6	5.5	6.0	4.6	7.1	5.7	11.4	A
28	I	9.9	5.8	9.8	4.3	6.1	4.6	4.2	5.5	5.2	11.4	A
29	I		5.9	9.5	5.4	5.6	4.1	3.9	4.4	4.6	10.5	A
30	I		5.6	8.5	4.4	4.5	3.9	3.8	4.3	4.5	9.8	A
31	I		11.6		4.6		3.8	3.7		4.8		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	6.06	6.75	6.64	4.85	4.89	4.35	3.94	4.90	5.54
MAX.	11.6	12.5	12.0	8.7	12.4	7.5	7.8	8.5	11.4
MIN.	4.7	4.3	4.1	3.7	3.6	3.5	3.3	3.7	4.1

A- NO RECORD.

I- ICE.

HIGHEST AND LOWEST STAGES NOT DETERMINED.

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET. DRAINAGE AREA, 934 SQUARE MILES.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 3.00 FEET ON OCT. 3, 1983. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 262.39 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	5.3	8.0	11.8	A	5.4	4.1	3.4	3.0	3.0	4.6	8.7
2	A	5.1	7.5	12.0	A	4.7	3.7	3.3	3.0	3.0	5.2	8.1
3	A	5.4	6.5	A	A	4.3	3.4	3.2	3.0	3.0	5.2	6.8
4	A	5.7	5.7	A	A	4.1	3.3	3.4	3.5	3.0	5.2	5.9
5	E 6.3	5.6	14.6	A	A	4.0	3.3	4.0	4.1	3.0	5.2	5.4
6	E 6.3	5.2	15.7	A	A	3.9	3.8	4.3	3.5	3.0	5.3	7.8
7	E 6.3	4.8	15.7	A	A	3.8	3.3	4.4	3.2	3.2	4.9	6.1
8	E 6.4	4.7	15.1	A	A	3.8	3.4	3.7	3.1	3.6	4.6	5.5
9	E 6.4	4.7	14.3	A	A	3.9	3.8	3.4	3.3	5.8	4.4	5.4
10	E 6.4	5.3	13.7	A	A	3.7	3.6	3.3	3.4	4.3	12.0	5.3
11	E 6.4	5.4	13.0	7.7	A	3.6	3.3	3.3	3.6	3.8	12.0	5.2
12	E 6.4	5.5	11.7	A	A	3.5	3.8	3.3	3.6	3.4	10.8	5.1
13	5.8	6.9	10.6	A	A	3.5	3.9	3.3	3.3	3.4	9.6	5.0
14	5.7	7.1	8.8	A	15.8	3.8	3.5	3.2	3.2	3.4	8.4	4.9
15	5.4	6.3	7.5	A	A	3.7	3.3	3.2	3.7	3.4	6.8	4.8
16	5.1	5.8	10.2	A	A	3.9	7.7	3.6	3.1	3.4	9.5	4.8
17	5.0	5.6	9.7	A	A	3.7	5.8	3.6	3.0	10.0	8.4	4.6
18	4.8	5.3	11.9	A	A	3.5	12.7	3.2	3.0	7.4	12.2	4.6
19	4.8	7.8	11.1	5.0	A	3.4	9.4	3.2	3.0	10.4	14.1	4.6
20	4.6	6.3	12.0	A	A	3.4	6.2	3.1	3.0	E 11.8	13.9	4.9
21	4.4	5.7	11.2	A	A	3.4	4.9	3.1	3.0	E 11.9	12.9	11.8
22	4.4	5.3	10.9	A	A	6.1	4.2	3.1	3.0	E 12.1	11.9	11.9
23	4.2	5.1	10.9	A	A	7.8	3.7	3.4	3.0	E 12.3	11.2	10.9
24	11.0	5.0	11.0	A	A	6.1	3.5	3.1	2.9	12.9	10.8	10.7
25	9.1	4.9	12.0	A	8.2	4.5	3.4	3.1	3.0	14.9	10.1	12.2
26	8.7	4.8	12.1	A	7.1	3.9	3.3	3.0	3.0	15.7	8.2	11.2
27	8.5	6.9	12.1	12.9	10.4	3.6	E 3.4	3.0	3.0	9.1	6.8	10.9
28	7.9	8.0	13.7	A	9.8	3.5	E 3.4	3.0	3.0	8.0	10.1	9.7
29	7.0	8.0	13.9	A	9.7	3.6	E 3.5	3.1	3.0	6.2	8.7	8.0
30	6.3		13.4	A	7.8	4.8	E 3.6	3.1	3.0	5.3	8.7	6.9
31	5.8		12.5		6.5		3.4	3.0		5.1		6.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.77	11.52		4.17	4.38	3.33	3.19	6.73	8.72	7.24
MAX.	8.0	15.7		7.8	12.7	4.4	4.1	15.7	14.1	12.2
MIN.	4.7	5.7		3.4	3.3	3.0	2.9	3.0	4.4	4.6

A- NO RECORD.

E- ESTIMATED.

HIGHEST AND LOWEST STAGES NOT DETERMINED.

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET. DRAINAGE AREA, 934 SQUARE MILES.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 3.63 FEET ON SEP. 11, 1982 AND SUBSEQUENT DAYS. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.9	6.9	5.9	4.9	15.9	13.3	4.7	3.2	3.1	3.1	3.4	10.6
2	17.8	11.4	5.9	9.1	16.4	10.4	4.2	3.3	3.1	3.0	3.4	10.6
3	17.3	9.8	5.7	10.2	16.5	8.2	4.3	3.3	3.1	3.0	3.4	15.0
4	16.6	9.0	5.5	8.9	16.5	6.6	5.6	3.3	3.1	3.0	4.3	15.7
5	15.8	8.7	5.5	12.9	16.7	7.9	4.5	3.2	3.2	3.0	4.7	15.6
6	15.1	10.3	13.9	13.2	16.9	8.2	4.2	3.3	3.2	3.4	4.3	15.1
7	13.8	9.0	13.6	12.6	16.7	8.1	3.9	3.5	3.2	3.4	4.0	14.6
8	11.3	8.2	12.4	13.2	16.5	7.2	3.8	3.3	3.1	3.2	3.8	14.6
9	8.8	7.5	11.2	13.4	16.0	5.9	3.7	4.0	3.1	3.1	3.7	15.1
10	7.4	7.1	10.5	14.0	15.4	5.3	3.6	3.6	3.1	3.0	3.6	15.3
11	7.0	12.0	10.3	14.8	14.4	4.8	3.6	3.5	3.1	3.1	3.6	15.7
12	6.6	11.7	9.8	15.1	13.3	4.6	3.6	3.5	3.1	3.1	3.6	15.6
13	6.4	11.4	8.0	15.3	14.4	4.5	3.6	4.5	3.1	3.3	3.6	15.0
14	6.0	11.3	6.6	15.6	13.9	4.4	3.5	3.5	3.1	4.3	3.5	14.3
15	5.7	11.5	6.0	15.4	14.9	4.7	3.5	3.4	3.1	3.9	4.0	12.5
16	5.4	12.7	5.7	14.9	16.6	4.6	3.6	3.3	3.1	3.6	4.4	10.7
17	5.2	13.3	5.5	14.1	17.8	4.5	3.5	3.3	3.0	3.4	4.3	9.6
18	5.1	13.1	5.4	13.2	17.6	8.3	3.5	3.2	3.0	3.5	4.0	8.6
19	4.9	11.9	5.4	13.0	18.4	4.7	4.0	3.2	3.0	3.9	3.8	7.3
20	4.9	9.2	5.3	12.6	19.5	4.4	3.7	3.2	3.0	3.8	11.8	6.2
21	5.4	7.2	6.0	12.1	19.5	4.3	3.6	3.1	3.1	3.6	8.3	5.6
22	10.7	6.3	7.0	11.5	19.1	4.2	3.5	3.1	3.1	3.6	7.2	13.0
23	11.2	8.7	6.1	10.4	18.6	4.0	3.4	3.3	3.3	4.9	13.5	12.5
24	9.8	8.3	5.8	13.7	18.2	6.0	3.4	3.3	3.2	4.4	14.1	11.8
25	9.3	8.2	5.5	13.2	17.8	4.4	3.4	3.2	3.1	3.9	13.4	E 10.9
26	8.8	7.9	5.3	12.6	17.3	4.1	3.4	3.2	3.1	3.7	11.9	E 9.7
27	8.0	7.3	5.2	12.0	16.9	4.4	3.5	3.1	3.1	3.6	11.2	E 8.6
28	7.2	6.3	5.4	12.0	16.4	4.4	3.4	3.2	3.1	3.5	12.3	E 7.5
29	6.6		5.2	12.2	16.1	4.2	3.4	3.2	3.1	3.4	11.2	E 7.3
30	8.5		5.0	13.0	15.5	5.7	3.3	3.2	3.1	3.4	10.7	E 7.1
31	7.0		5.0		14.8		3.3	3.1		3.4		E 6.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	9.40	9.51	7.09	12.63	16.59	5.87	3.75	3.34	3.11	3.49	6.64	11.56
MAX.	17.9	13.3	13.9	15.6	19.5	13.3	5.6	4.5	3.3	4.9	14.1	15.7
MIN.	4.9	6.3	5.0	4.9	13.3	4.0	3.3	3.1	3.0	3.0	3.4	5.6

E- ESTIMATED.

HIGHEST STAGE WAS 19.75 ON MAY 20.

LOWEST STAGE WAS 3.00 ON OCT. 3.

DAILY STAGES FOR 1982

SOUTH FORK FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET. DRAINAGE AREA, 934 SQUARE MILES.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 3.81 FEET ON OCT. 3, 1981 AND SUBSEQUENT DAYS. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.4	11.8	7.4	5.1	9.3	5.5	5.1	10.2	3.9	3.8	4.1	10.1
2	5.3	11.1	6.6	5.8	8.3	5.1	4.5	7.7	4.2	3.8	4.1	10.1
3	11.7	11.6	6.2	7.5	7.1	4.8	4.2	5.3	4.1	3.8	4.0	10.7
4	12.5	11.2	6.0	8.1	6.2	4.6	4.0	4.6	3.9	3.8	4.0	14.6
5	10.5	10.1	5.7	8.4	5.7	4.6	3.9	4.3	3.8	3.7	4.0	16.0
6	10.2	8.7	5.6	9.2	5.4	4.7	6.9	4.1	3.7	3.7	3.9	16.4
7	10.3	7.6	5.8	9.2	5.2	4.5	5.1	6.8	3.7	3.7	3.9	16.0
8	10.2	6.7	5.6	9.2	5.1	4.4	4.3	7.6	3.7	3.9	3.9	15.5
9	11.2	12.9	5.4	10.3	5.3	4.2	5.5	6.7	3.7	4.2	3.9	15.1
10	12.0	12.8	5.2	9.5	5.0	4.3	6.5	5.6	3.7	5.5	3.9	15.2
11	11.5	12.2	5.2	9.3	4.8	4.3	4.7	4.8	3.6	7.1	3.9	15.3
12	10.0	12.2	5.2	9.4	4.8	4.2	4.2	4.4	3.6	6.3	4.0	15.1
13	E 9.6	12.7	5.2	9.3	4.6	4.1	4.0	4.3	13.7	5.6	4.1	14.6
14	E 9.3	13.1	5.2	8.4	4.5	4.0	3.9	4.5	13.0	5.1	4.3	13.3
15	E 9.1	13.9	9.9	7.0	4.4	4.0	3.8	4.3	9.4	4.7	4.1	13.8
16	E 8.9	14.4	9.1	7.9	4.5	7.0	3.8	4.2	8.9	4.4	4.0	14.9
17	E 8.6	14.4	9.2	13.3	5.5	7.8	3.9	4.1	6.5	4.2	4.0	14.6
18	E 8.4	13.6	9.5	13.1	4.6	5.4	3.8	4.1	5.3	4.1	4.1	14.2
19	E 8.1	11.5	9.8	12.4	4.6	4.7	3.8	4.0	4.6	4.0	4.2	13.5
20	E 7.9	9.0	9.1	13.1	4.5	4.4	3.8	3.9	4.3	4.0	4.5	13.4
21	13.5	7.4	8.8	13.4	8.0	4.2	3.9	3.9	4.1	4.0	5.4	13.7
22	13.7	6.5	8.2	13.9	6.0	4.1	3.9	3.8	4.0	3.9	4.9	13.9
23	14.7	6.1	8.2	14.0	9.8	4.0	3.8	3.8	3.9	3.9	5.5	13.8
24	14.9	5.7	7.6	14.1	6.2	4.0	3.8	3.9	3.9	3.9	5.4	13.0
25	14.0	5.4	6.8	13.8	7.9	3.9	6.3	5.6	3.9	3.9	5.9	12.8
26	13.5	5.2	6.0	12.6	7.9	3.9	5.3	4.4	3.9	3.9	5.1	15.2
27	13.7	5.4	5.6	11.5	6.1	4.1	4.3	4.0	3.9	3.9	5.0	16.3
28	13.6	7.6	5.3	9.8	11.0	4.8	4.1	3.9	3.9	3.9	12.9	17.1
29	13.4		5.1	9.3	8.9	5.1	6.8	3.8	3.9	3.9	11.8	17.1
30	12.7		5.0	9.5	6.8	5.1	5.6	3.8	3.8	3.9	10.1	17.2
31	12.9		5.0		6.0		11.8	4.1		4.1		17.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	11.01	10.02	6.72	10.24	6.26	4.66	4.81	4.85	5.01	4.27	5.10	14.52
MAX.	14.9	14.4	9.9	14.1	11.0	7.8	11.8	10.2	13.7	7.1	12.9	17.5
MIN.	5.3	5.2	5.0	5.1	4.4	3.9	3.8	3.8	3.6	3.7	3.9	10.1

E- ESTIMATED.

HIGHEST STAGE WAS 17.82 ON DEC 31.

LOWEST STAGE WAS 3.63 ON SEP 11 AND SUBSEQUENT DAYS.

THIS DATA IS CONSIDERED PRELIMINARY UNTIL PUBLISHED IN THE ENGINEERING PAMPHLET ENTITLED "STAGES AND DISCHARGES OF THE MISSISSIPPI RIVER AND TRIBUTARIES IN THE MEMPHIS DISTRICT".

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET. DRAINAGE AREA, 934 SQUARE MILES.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 3.98 FEET ON SEP. 2, 1980. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.9	5.6	5.5	9.0	4.6	10.1	4.3	5.0	7.8	3.8	4.6	7.2
2	4.8	9.8	5.7	9.0	4.4	9.0	5.6	4.6	8.7	3.8	4.5	7.7
3	4.8	8.6	5.6	9.3	4.4	10.2	5.0	4.4	8.3	3.8	4.4	8.1
4	4.8	8.8	5.8	9.4	4.3	9.5	6.9	4.3	7.2	3.8	4.4	8.4
5	4.8	9.1	9.2	9.7	4.3	11.4	6.0	4.3	5.8	3.8	4.4	8.4
6	4.7	9.1	8.6	8.8	4.4	14.7	8.4	4.2	5.1	3.9	4.4	7.6
7	5.0	8.1	8.9	7.6	4.4	16.0	8.4	4.2	4.7	3.8	4.4	E 6.4
8	5.9	7.1	9.0	6.6	4.4	16.4	8.7	4.4	4.5	3.8	4.4	E 5.9
9	5.3	6.6	9.1	6.3	4.3	16.2	8.4	4.4	4.3	3.8	4.3	E 5.4
10	5.2	6.4	8.1	7.6	4.4	15.8	6.7	4.2	4.2	3.8	4.3	E 4.9
11	5.0	8.1	6.9	7.8	5.1	15.5	5.5	4.1	4.1	3.8	4.3	4.8
12	4.9	8.2	6.2	7.1	5.1	15.5	5.1	4.1	4.1	3.9	4.4	4.8
13	4.8	7.9	5.8	7.3	4.8	15.5	4.8	4.0	4.1	3.9	4.3	4.7
14	4.8	8.0	5.6	6.6	4.9	15.3	4.6	4.0	4.1	3.9	4.3	4.7
15	4.8	7.7	5.5	6.0	4.7	14.9	4.4	3.9	4.1	4.0	4.3	4.8
16	4.9	6.9	5.3	5.5	4.6	13.3	4.3	3.9	4.2	4.0	4.3	4.9
17	4.8	E 6.7	5.5	5.3	4.5	10.2	4.2	3.9	4.8	4.1	4.3	4.8
18	4.7	E 6.6	5.3	5.2	4.9	7.7	4.1	4.1	4.4	11.1	4.4	4.7
19	4.6	E 6.4	5.2	5.1	5.8	6.3	7.5	4.1	4.1	8.0	4.4	4.6
20	4.7	E 6.3	5.1	5.0	6.2	6.1	4.9	4.3	4.1	6.6	4.3	4.6
21	4.9	E 6.1	5.0	5.1	5.5	5.4	10.2	4.1	4.0	5.4	4.5	4.6
22	5.4	E 5.9	5.0	5.3	5.2	5.0	8.0	4.1	4.0	5.2	4.4	8.7
23	5.3	E 5.7	5.1	5.5	4.9	4.7	6.9	4.0	4.0	5.0	4.4	9.0
24	5.1	E 5.6	5.6	5.6	4.6	5.0	6.4	4.0	4.0	4.9	4.4	8.7
25	5.0	E 5.4	5.3	5.4	4.8	4.6	8.5	4.1	3.9	4.7	4.6	8.8
26	5.0	5.2	5.2	5.1	5.3	4.4	8.5	3.9	3.9	E 4.8	4.6	8.4
27	4.9	5.2	5.1	4.9	7.4	6.1	8.7	4.4	3.9	E 4.8	4.5	7.4
28	4.9	5.6	5.0	4.8	7.6	4.9	8.8	4.9	3.9	E 4.8	4.8	6.7
29	4.9		4.9	4.7	6.8	4.5	7.8	6.3	3.9	E 4.8	5.1	6.2
30	4.9		10.7	4.6	6.4	4.3	6.3	6.8	3.9	E 4.8	4.9	5.7
31	5.1		8.8		11.2		5.7	5.1		4.6		5.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	4.95	7.02	6.38	6.52	5.29	9.96	6.56	4.39	4.74	4.68	4.45	6.36
MAX.	5.9	9.8	10.7	9.7	11.2	16.4	10.2	6.8	8.7	11.1	5.1	9.0
MIN.	4.6	5.2	4.9	4.6	4.3	4.3	4.1	3.9	3.9	3.8	4.3	4.6

E- ESTIMATED.

HIGHEST STAGE WAS 16.40 ON JUN. 8.

LOWEST STAGE WAS 3.81 ON OCT. 3 AND SUBSEQUENT DAYS.

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 4.54 FEET ON SEP. 11, 1978. MAXIMUM, 35,328 CFS COMPUTED FOR MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.3	6.3	6.4	15.3	6.3	4.8	10.7	4.5	4.0	4.8	4.8	E 5.5
2	9.7	6.0	6.2	14.8	6.6	4.8	10.2	4.4	4.0	4.7	4.7	E 5.4
3	8.3	5.9	6.1	14.3	5.9	4.7	10.3	4.3	4.0	4.5	4.6	E 5.4
4	8.9	6.1	6.1	14.0	5.5	4.6	10.8	4.3	4.7	4.4	4.6	E 5.3
5	8.5	6.2	8.1	12.7	5.3	4.6	11.8	4.4	5.6	4.3	4.5	5.3
6	8.4	6.2	7.4	11.0	5.3	4.5	12.4	4.3	4.4	E 4.3	4.5	5.1
7	8.0	6.2	6.9	9.4	5.2	4.4	11.6	4.3	4.2	E 4.3	4.4	5.1
8	8.3	6.1	10.1	12.6	5.1	4.4	9.3	4.2	4.3	E 4.3	4.4	5.0
9	8.4	6.2	8.6	13.1	5.4	4.5	7.3	4.2	4.2	E 4.3	4.4	10.5
10	8.3	7.0	8.3	12.6	5.2	4.7	6.2	4.2	4.2	E 4.3	4.4	8.5
11	9.4	7.0	8.4	12.1	5.1	4.5	5.5	4.2	4.1	E 4.2	4.4	8.1
12	9.2	6.7	8.6	13.8	5.0	4.4	5.1	4.1	4.1	E 4.2	4.4	7.1
13	9.0	6.4	8.5	14.7	7.1	4.3	4.9	5.5	4.1	E 4.1	4.4	6.3
14	9.2	6.4	7.9	15.7	6.2	4.3	4.8	4.6	4.1	E 4.1	4.4	5.9
15	9.3	7.8	7.2	16.2	5.8	4.2	4.7	4.3	4.0	4.1	4.5	5.6
16	9.2	12.5	6.8	16.2	5.5	4.2	4.7	4.3	4.0	4.1	5.1	5.5
17	9.7	11.6	13.3	16.0	6.0	4.2	4.6	4.3	4.1	4.1	6.3	5.3
18	9.4	10.8	14.0	15.8	6.2	4.5	4.5	4.2	4.9	7.1	10.5	5.2
19	9.4	10.7	14.7	15.6	6.6	4.5	4.4	4.1	4.4	6.2	9.1	5.2
20	9.6	11.4	14.8	15.5	6.2	5.6	4.4	4.2	4.2	4.8	E 8.7	5.0
21	9.5	11.1	16.2	15.1	6.6	7.1	4.4	4.1	4.1	4.6	E 8.2	4.9
22	9.5	10.8	17.8	14.4	6.2	5.6	4.4	4.1	6.8	4.4	E 7.8	4.8
23	10.5	10.3	18.0	12.9	6.6	5.0	8.5	4.1	4.8	4.3	E 7.3	4.8
24	9.6	9.8	18.5	10.4	6.8	12.7	7.8	4.0	4.8	4.3	E 6.8	4.9
25	9.1	8.9	18.7	8.5	6.2	11.8	6.9	4.0	7.8	4.8	E 6.3	5.1
26	8.4	7.8	18.5	9.5	5.8	9.5	5.8	4.0	5.8	4.6	E 5.8	5.1
27	7.9	6.9	18.0	9.0	5.6	7.4	5.2	4.0	5.3	4.5	E 5.7	4.9
28	7.3	6.6	17.5	8.1	5.2	6.1	4.9	4.0	4.8	8.9	E 5.7	5.0
29	6.8	6.6	17.0	7.3	5.0	5.3	4.8	4.0	4.6	7.0	E 5.6	4.9
30	6.5		16.5	6.8	4.9	12.2	4.6	4.0	4.8	5.4	E 5.6	4.9
31	6.4		15.9		4.9		4.5	4.0		5.0		4.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	8.79	8.01	11.97	12.77	5.78	5.78	6.77	4.24	4.64	4.81	5.73	5.63
MAX.	11.3	12.5	18.7	16.2	7.1	12.7	12.4	5.5	7.8	8.9	10.5	10.5
MIN.	6.4	5.9	6.1	6.8	4.9	4.2	4.4	4.0	4.0	4.1	4.4	4.8

E- ESTIMATED.

HIGHEST STAGE WAS 18.95 ON MAR. 25.
LOWEST STAGE WAS 3.98 ON SEP. 2.

DAILY STAGES FOR 1979

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. 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. BANKFULL STAGE, 14 FEET.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 5.16 FEET ON AUG. 10, 1977. MAXIMUM, 35,328 CFS COMPUTED ON MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED ON DEC. 9, 1971.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.4	10.7	15.9	13.3	6.6	11.9	5.1	6.3	6.1	11.0	7.0	17.5
2	13.4	8.3	15.7	15.9	6.3	9.6	5.1	5.8	6.5	9.0	7.4	17.4
3	13.4	7.3	15.5	17.8	E 7.7	9.6	4.9	5.5	7.3	7.6	6.5	17.1
4	13.4	7.4	16.1	18.0	E 9.9	9.3	4.9	5.2	7.2	6.5	5.8	16.6
5	13.6	7.1	16.2	17.7	E 12.1	9.3	4.7	5.1	7.5	6.3	5.4	15.8
6	14.1	6.6	15.7	17.6	E 14.3	11.1	4.6	5.0	7.6	5.9	5.3	14.6
7	14.8	6.4	15.0	17.5	E 16.5	12.2	4.7	4.9	6.8	5.6	5.1	12.3
8	15.1	7.3	14.4	17.4	17.3	12.8	4.9	4.9	5.9	5.3	5.1	9.8
9	15.0	7.0	14.2	17.0	17.7	12.9	12.5	4.9	5.4	5.1	5.1	8.0
10	15.1	6.6	14.5	16.5	17.7	12.7	10.2	4.8	5.0	4.9	7.6	7.1
11	E 14.3	6.4	14.7	15.8	17.1	11.0	9.5	4.9	4.9	4.9	7.6	6.7
12	E 13.4	6.6	14.4	15.5	16.5	8.2	12.0	7.8	4.8	5.1	7.4	6.4
13	E 12.4	10.5	13.6	15.4	16.0	6.6	12.5	7.2	4.8	5.0	6.9	13.8
14	E 11.4	9.9	12.4	15.4	15.3	5.7	12.7	6.0	7.8	4.9	6.4	14.3
15	E 10.5	9.6	10.3	15.3	14.4	5.2	12.5	5.3	7.7	4.8	6.0	14.2
16	E 9.5	9.0	8.4	15.5	13.4	5.0	12.3	5.0	8.0	4.7	5.7	13.9
17	E 8.5	8.3	7.2	15.7	11.7	4.7	12.0	4.8	8.4	4.7	5.5	13.5
18	9.0	7.5	6.7	15.8	9.0	4.6	12.0	4.7	8.9	4.7	5.4	13.7
19	9.0	7.1	6.4	15.6	7.4	5.1	11.1	4.7	9.3	4.7	5.3	13.9
20	11.8	6.8	8.9	15.3	6.8	5.1	9.1	E 4.6	9.7	E 4.7	5.3	13.6
21	12.4	10.8	9.0	14.5	8.8	7.6	7.8	E 4.7	13.5	E 4.7	5.2	12.5
22	12.0	9.9	8.0	13.2	9.2	7.5	7.0	E 4.8	15.6	E 4.7	10.3	10.5
23	12.1	13.6	12.5	11.2	12.4	6.2	6.4	E 4.9	15.9	5.1	14.0	8.7
24	13.9	14.5	12.4	10.9	12.7	10.1	5.8	E 4.9	15.7	5.7	14.6	13.0
25	14.9	16.1	11.2	9.4	11.9	6.3	6.1	7.8	15.2	5.1	15.2	12.4
26	15.4	16.4	11.2	8.8	11.4	5.8	7.7	7.3	14.5	5.1	15.9	11.3
27	15.4	16.3	11.8	8.6	11.3	5.4	9.2	6.8	14.3	4.9	16.1	12.0
28	15.3	16.0	12.6	8.0	12.7	5.2	6.5	7.0	14.3	4.8	16.3	12.4
29	14.8		12.9	7.6	13.0	5.1	7.5	7.3	14.2	5.9	16.8	13.0
30	14.3		13.4	7.0	13.0	5.1	7.3	7.0	13.4	5.9	17.2	13.1
31	13.2		13.9		12.9		6.4	6.1		5.4		12.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	13.06	9.65	12.42	14.10	12.35	7.90	8.22	5.67	9.54	5.56	8.78	12.64
MAX.	15.4	16.4	16.2	18.0	17.7	12.9	12.7	7.8	15.9	11.0	17.2	17.5
MIN.	8.5	6.4	6.4	7.0	6.3	4.6	4.6	4.6	4.8	4.7	5.1	6.4

E- ESTIMATED.

HIGHEST STAGE WAS 18.08 ON APR. 4.

LOWEST STAGE WAS 4.58 ON JUN 16 AND SUBSEQUENT DAYS.

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION, LAT, 35-44-02, LONG, 89-21-02, MILE 19.7, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLIANDS, TENN, ON DOWNSTREAM SIDE OF STATE HIGHWAY 88 BRIDGE. THE MOUTH OF SOUTH FORK IS 20.6 MILES UPSTREAM FROM MOUTH OF FORKED DEER RIVER. FORKED DEER RIVER IS A TRIBUTARY ENTERING UNION RIVER AT MILE 3.0.

GAGE, AUTOMATIC RECORDER ON BRIDGE.

GENERAL INFORMATION, BANKFULL STAGE, 14 FEET.

RECORDS AVAILABLE, STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES, HIGHEST, 21.19 FEET ON MAR. 16, 1975, LOWEST, 5.16 FEET ON AUG. 10, 1977, MAXIMUM, 35,328 CFS COMPUTED ON MAR. 16, 1975, MINIMUM, 138 CFS COMPUTED ON DEC. 9, 1971.

MEAN, NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 262.39 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	E 7.0	16.3	8.7	6.8	9.3	9.0	5.5	4.7	5.0	4.6	4.7	5.4
2	E 6.9	I	8.4	6.6	9.9	9.6	9.6	4.7	4.8	4.7	4.8	5.4
3	E 6.7	I	13.0	6.6	8.8	10.6	7.3	4.7	4.8	4.8	4.7	5.3
4	E 6.6	I	12.9	6.4	11.0	9.2	6.1	4.7	4.7	4.8	4.7	12.0
5	6.5	I	13.2	6.4	10.2	7.6	6.8	4.7	4.7	4.8	4.7	11.1
6	6.7	I	13.2	6.3	10.8	6.6	6.3	4.6	4.6	4.6	4.7	9.5
7	8.0	I	13.4	6.3	13.4	7.8	5.7	4.9	4.6	4.6	4.8	12.1
8	14.4	7.7	13.9	6.2	14.6	8.9	6.0	4.7	4.6	4.6	4.9	14.3
9	15.4	7.3	13.6	6.1	16.4	8.1	5.5	4.7	4.6	4.6	4.9	16.6
10	15.1	I	12.9	6.1	16.8	7.3	6.8	4.6	4.6	4.6	4.9	17.8
11	14.7	I	11.8	6.7	16.5	6.7	5.8	4.7	4.6	4.6	4.8	17.9
12	14.3	I	10.8	7.4	16.2	6.3	6.6	5.9	4.6	4.6	4.9	17.7
13	14.4	I	10.0	6.9	16.3	5.9	6.0	5.0	5.0	4.6	4.8	17.4
14	14.6	I	12.8	6.4	16.5	5.6	9.7	7.0	4.8	4.7	4.9	17.1
15	15.0	11.0	12.9	6.2	16.5	5.4	9.1	5.7	5.1	5.1	4.9	16.1
16	14.7	11.3	13.9	6.0	16.2	5.2	8.4	5.2	5.7	4.9	5.0	16.6
17	14.9	11.5	13.9	5.9	15.6	5.1	8.0	5.0	5.1	4.7	5.7	E 16.0
18	14.5	10.5	13.9	5.9	14.7	5.1	7.3	4.9	4.8	4.7	7.1	E 14.9
19	13.8	9.2	14.1	6.4	13.5	7.1	6.1	4.8	4.7	4.7	6.3	E 13.8
20	13.0	8.1	14.3	6.3	11.1	6.9	5.6	4.8	4.7	4.7	5.7	E 12.7
21	12.6	9.1	14.3	5.9	10.5	8.4	5.3	4.7	4.6	4.7	5.5	12.5
22	12.6	8.3	14.0	5.8	8.5	6.4	5.2	4.6	4.6	4.6	5.2	11.7
23	12.2	8.0	13.0	5.8	7.6	8.4	5.1	4.6	4.6	4.6	5.2	10.2
24	11.4	9.3	11.6	5.9	7.1	8.0	5.0	4.6	4.6	4.6	6.1	9.5
25	14.3	10.5	12.5	6.2	6.6	6.4	5.0	4.6	4.6	4.6	6.1	9.0
26	15.7	9.1	10.8	6.5	6.3	5.8	4.9	4.6	4.6	4.7	5.6	8.2
27	16.6	8.2	9.0	6.2	6.0	5.6	5.3	4.6	4.6	4.7	5.9	7.3
28	E 10.5	8.0	8.1	5.9	7.0	5.5	5.1	4.8	4.6	4.8	6.3	7.1
29	E 10.5		7.6	5.8	8.3	5.4	4.9	4.7	4.6	4.8	5.8	6.8
30	E 10.4		7.3	5.7	11.0	5.3	4.8	4.7	4.6	4.7	5.5	6.5
31	E 10.3		7.0		9.3		4.7	4.9		4.7		8.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	16.85	11.85	6.25	11.70	6.97	6.24	4.88	4.73	4.69	5.30	11.85
MAX.	16.6	14.3	7.4	16.8	10.6	9.7	7.0	5.7	5.1	7.1	17.9
MIN.	6.5	7.0	5.7	6.0	5.1	4.7	4.6	4.6	4.6	4.7	5.3

E- ESTIMATED.

I- ICE.

HIGHEST STAGE WAS 18.05 ON DEC. 11.

LOWEST STAGE WAS 4.54 ON SEP. 11.

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWNSTREAM SIDE OF BRIDGE.

GAGE. AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 5.84 FEET ON SEP. 26, 1976. MAXIMUM, 35,328 CFS COMPUTED ON MAR. 16, 1975. MINIMUM, 138 CFS COMPUTED ON DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 259.50 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.2	7.2	10.4	7.7	12.4	8.0	6.0	5.6	5.6	14.7	6.9	15.4
2	6.8	7.1	10.3	7.5	11.1	6.6	5.7	5.9	5.6	14.7	6.7	15.4
3	6.7	7.1	10.4	9.8	9.5	6.1	5.6	6.2	5.5	14.5	6.7	15.4
4	6.9	7.4	14.0	10.4	9.9	5.9	5.5	5.7	5.5	14.4	7.9	15.4
5	7.0	7.6	14.7	10.6	9.4	5.8	5.4	5.4	5.4	14.2	8.9	16.1
6	7.5	7.7	15.6	10.4	9.2	5.7	5.4	5.4	5.3	13.9	9.0	17.7
7	7.8	7.4	15.8	11.7	9.0	5.7	5.4	5.3	6.1	13.6	9.2	18.3
8	8.0	7.1	15.9	12.4	8.7	5.6	5.4	5.3	5.7	12.9	9.4	18.1
9	8.0	7.0	16.1	13.0	7.8	5.6	5.4	5.3	5.5	11.8	9.8	17.4
10	8.3	7.0	16.7	13.4	7.2	5.5	10.9	5.3	5.5	10.6	10.2	16.8
11	8.5	7.1	16.9	13.3	6.8	5.5	7.7	5.3	5.4	9.3	10.3	16.1
12	8.2	7.4	16.8	12.0	6.6	5.5	6.9	5.5	5.4	8.5	9.9	15.5
13	7.9	9.8	16.6	10.3	6.3	5.5	6.3	6.0	5.3	7.8	9.0	14.9
14	8.4	9.4	16.0	9.0	6.3	7.1	5.9	5.6	6.3	7.3	8.2	14.4
15	10.7	9.1	15.3	8.1	6.2	6.1	5.7	7.6	7.8	6.9	7.7	13.3
16	10.1	8.8	14.7	7.7	6.1	5.9	5.6	9.5	8.3	6.7	7.4	12.2
17	9.8	8.3	14.5	7.4	6.1	5.7	5.5	11.8	8.3	6.5	8.8	11.5
18	9.8	7.9	14.6	7.1	6.1	5.7	5.5	11.2	8.1	6.4	9.2	11.5
19	9.8	7.7	14.9	6.9	6.0	5.8	5.4	9.0	8.1	6.3	9.0	11.4
20	9.8	7.5	14.9	6.7	5.9	5.7	5.5	8.7	8.2	6.2	8.9	11.1
21	11.1	7.2	14.4	6.7	5.9	6.1	5.5	8.3	7.8	6.2	11.2	10.3
22	11.1	7.1	12.8	6.6	5.9	6.3	5.6	7.6	7.1	6.1	11.9	9.3
23	11.1	7.1	10.8	8.3	6.0	5.9	5.8	7.2	6.6	6.1	11.0	8.4
24	8.0	10.6	9.5	9.8	5.8	6.3	5.7	6.6	6.3	6.0	11.3	8.0
25	7.8	9.7	8.6	9.3	5.8	6.0	5.6	6.3	11.3	6.0	12.0	7.6
26	8.2	9.6	8.1	10.4	6.2	5.7	7.2	6.3	12.5	8.1	12.7	7.7
27	8.8	9.8	7.8	11.5	5.9	7.1	6.1	6.1	11.1	8.5	13.4	7.1
28	8.9	10.2	7.6	12.0	5.9	7.7	5.6	5.9	12.8	8.2	14.1	6.9
29	8.4		8.2	12.3	5.8	6.8	5.4	5.8	13.7	8.4	14.9	6.7
30	7.7		8.3	12.6	5.8	6.1	6.0	5.9	14.3	8.0	15.4	6.7
31	7.3		8.0		7.7		6.3	5.9		7.3		7.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	8.56	8.09	12.87	9.82	7.19	6.09	5.97	6.68	7.67	9.22	10.02	12.37
MAX.	11.1	10.6	16.9	13.4	12.4	8.0	10.9	11.8	14.3	14.7	15.4	18.3
MIN.	6.7	7.0	7.6	6.6	5.8	5.5	5.4	5.3	5.3	6.0	6.7	6.7

HIGHEST STAGE WAS 18.37 AT 200 P.M., DEC. 7.
LOWEST STAGE WAS 5.16 AT 900 P.M., AUG. 10.

DAILY STAGES FOR 1976

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION, LAT; 35-44-02, LONG. 89-21-02; STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWN STREAM SIDE OF BRIDGE,

GAGE, AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE, STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES, HIGHEST, 21.19 FEET ON MAR. 16, 1975. LOWEST, 7.25 FEET ON JUL. 2, 1969. MAXIMUM, 35,328 CFS COMPUTED ON MAR. 16, 1975; MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 259.50 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.0	14.0	12.8	16.0	7.4	12.4	9.3	9.4	6.3	6.7	11.5	8.1
2	13.8	14.1	11.2	15.6	7.6	12.2	9.3	8.7	6.2	6.4	10.3	7.9
3	14.2	13.5	10.1	15.4	7.4	12.4	11.9	7.8	6.3	6.4	9.3	7.7
4	14.3	12.1	9.4	15.1	7.2	11.7	13.5	7.3	7.4	6.3	8.5	7.5
5	14.1	10.6	12.2	14.9	7.1	11.8	13.8	6.9	7.1	6.4	7.9	7.4
6	14.0	11.8	11.7	14.3	7.1	12.0	13.8	6.8	6.5	6.3	7.6	7.2
7	14.2	10.7	11.1	13.3	8.6	12.3	13.7	6.9	6.3	6.9	7.4	7.3
8	14.6	10.6	12.3	11.8	7.9	12.7	13.6	7.4	6.3	6.9	7.2	7.5
9	14.7	11.4	13.8	10.4	7.5	13.1	13.4	7.4	6.2	6.6	7.0	7.5
10	14.7	11.5	14.5	9.4	7.2	13.3	12.9	7.1	7.9	6.5	6.9	7.2
11	14.6	11.0	14.5	8.7	7.1	12.9	11.3	6.7	6.8	6.4	6.9	7.2
12	14.1	10.3	14.3	8.5	7.4	11.1	9.4	6.5	6.4	6.4	6.9	7.3
13	13.3	9.7	14.2	8.4	7.3	9.3	8.2	6.3	6.2	6.4	6.9	7.6
14	12.4	9.2	14.3	8.2	8.8	8.2	7.6	6.3	6.2	6.4	6.9	7.6
15	11.6	8.9	14.3	8.2	9.0	7.7	7.4	6.9	6.1	6.4	6.9	7.3
16	11.0	8.8	14.0	8.1	9.2	7.5	7.1	6.4	6.1	6.5	7.0	7.2
17	10.7	8.7	13.2	7.9	10.7	7.9	6.9	6.5	6.1	6.4	7.0	7.2
18	10.1	13.8	11.8	7.7	12.0	7.8	6.8	6.4	6.1	6.3	6.9	7.1
19	9.6	14.9	10.4	7.6	12.8	9.3	6.7	6.2	6.0	6.3	6.9	7.0
20	9.2	15.9	9.5	7.5	13.1	9.0	6.6	6.3	6.0	6.4	6.9	7.0
21	9.1	16.1	10.6	7.4	12.5	8.9	6.5	6.1	6.3	7.0	6.9	6.9
22	8.9	16.4	9.8	7.7	10.9	9.3	6.5	6.1	6.3	7.1	6.8	6.8
23	8.7	16.4	9.8	7.5	9.3	9.0	6.4	6.1	6.1	6.9	6.8	6.7
24	8.6	16.1	10.8	7.4	8.5	8.6	6.3	6.0	6.1	7.9	6.8	6.7
25	10.4	15.8	11.7	10.3	7.9	12.0	6.3	6.8	6.0	13.4	6.8	6.8
26	12.3	15.5	12.3	9.2	7.5	10.4	6.3	6.9	6.1	13.2	6.8	7.1
27	11.4	15.3	12.5	8.6	7.3	9.0	6.3	6.6	6.1	12.6	8.4	7.7
28	11.9	14.8	12.0	8.2	12.5	8.6	6.5	6.4	7.4	13.0	8.9	7.5
29	12.4	14.0	14.0	7.8	12.6	8.5	7.6	7.3	6.7	13.2	8.6	7.4
30	13.0		15.7	7.5	12.4	9.9	9.6	7.3	6.7	13.3	8.4	7.2
31	13.6		16.3		12.5		9.0	6.4		12.7		7.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	12.2	12.8	12.4	10.0	9.2	10.3	9.0	6.8	6.4	8.0	7.6	7.3
MAX	14.7	16.4	16.3	16.0	13.1	13.3	13.8	9.4	7.9	13.4	11.5	8.1
MIN	8.6	8.7	9.4	7.4	7.1	7.5	6.3	6.0	6.0	6.3	6.8	6.7

HIGHEST STAGE WAS 16.46 AT 800 P.M., FEB. 22.
LOWEST STAGE WAS 5.84 AT 100 P.M., SEP. 26.

DAILY STAGES FOR 1975

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWN STREAM SIDE OF BRIDGE.

GAGE. AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 20.08 FEET ON APR. 24, 1973. LOWEST 7.25 FEET ON JUL. 2, 1969. MAXIMUM, 17,817 CFS COMPUTED ON APR. 24, 1973. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 259.50 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.8	11.8	15.7	16.0	12.6	12.8	8.6	14.0	8.4	9.9	9.0	13.5
2	16.0	13.4	15.8	15.7	11.6	12.7	8.0	13.6	7.9	9.1	8.8	13.9
3	16.1	13.7	15.7	15.6	12.4	12.2	7.6	12.8	7.9	8.7	8.6	14.0
4	16.2	14.3	15.4	15.6	13.3	11.5	7.5	13.3	7.9	8.3	9.2	14.1
5	16.0	14.9	14.7	15.5	13.0	10.6	8.1	14.0	8.1	8.2	9.3	14.1
6	15.6	15.6	13.8	15.2	12.9	9.9	7.9	14.5	8.2	8.0	11.8	14.6
7	15.2	16.0	12.9	14.6	13.4	9.4	13.0	14.7	8.5	7.9	12.7	15.1
8	14.7	15.9	12.0	13.9	13.2	8.9	13.3	14.8	8.6	7.9	12.9	15.1
9	14.8	15.8	11.2	13.3	14.1	8.5	13.0	14.9	8.2	8.1	12.8	14.7
10	15.2	15.6	12.2	13.5	14.1	8.4	12.9	15.0	8.5	8.0	13.2	14.0
11	16.2	15.5	13.0	13.0	13.7	8.7	12.2	14.9	8.1	7.8	13.3	12.7
12	16.4	15.3	14.5	12.7	13.5	10.6	10.5	14.5	8.3	7.7	13.1	11.3
13	16.1	14.9	16.9	12.6	13.4	9.9	9.8	13.6	9.0	7.7	12.6	10.3
14	15.9	14.4	18.2	12.4	13.0	8.9	8.9	11.9	9.0	7.6	12.1	9.7
15	15.8	13.9	19.5	12.3	11.9	8.5	8.3	10.1	8.7	7.7	11.3	9.3
16	15.7	13.9	21.1	11.8	11.9	9.6	8.0	9.3	8.4	7.6	10.5	11.4
17	15.8	13.9	20.3	11.2	11.4	8.6	7.8	8.8	8.4	8.5	9.8	10.5
18	15.8	13.6	19.4	10.7	11.7	8.2	7.7	9.6	8.2	9.7	9.3	10.4
19	15.6	13.5	18.7	11.3	12.3	8.0	7.6	10.3	8.2	9.7	8.9	10.7
20	15.1	13.6	17.8	10.8	13.1	7.8	8.6	9.4	11.6	9.8	8.8	10.4
21	14.6	13.8	16.9	10.3	13.8	7.8	10.5	8.7	10.6	10.5	9.1	9.9
22	14.0	13.8	16.2	10.2	14.2	7.7	11.5	8.4	10.4	10.9	9.3	9.4
23	13.6	14.5	15.5	9.8	14.6	7.6	14.1	8.3	11.0	10.4	8.8	9.0
24	13.1	16.0	14.9	9.5	14.7	7.5	15.1	8.1	12.0	9.4	8.6	8.8
25	12.7	16.6	14.7	9.5	14.4	7.6	15.1	7.9	12.3	9.1	8.5	8.6
26	12.2	16.1	14.5	9.8	13.7	7.5	14.9	8.0	12.4	10.1	8.5	12.9
27	11.5	15.6	14.2	9.6	12.5	7.4	14.5	7.8	12.1	9.8	11.1	13.0
28	11.1	15.5	15.3	9.2	11.4	7.5	14.4	8.2	11.9	9.3	9.9	13.7
29	10.6		17.5	9.1	11.3	9.8	14.3	8.1	11.5	9.2	9.9	13.9
30	10.4		17.5	9.7	11.5	9.8	14.2	7.9	10.8	9.4	12.1	14.0
31	10.3		16.6		11.1		14.1	8.3		9.3		14.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	14.5	14.7	15.9	12.1	12.9	9.1	11.0	11.1	9.5	8.9	10.5	12.2
MAX	16.4	16.6	21.1	13.5	14.7	10.6	15.1	15.0	12.4	10.9	13.3	15.1
MIN	10.3	11.8	11.2	9.1	11.1	7.4	7.5	7.8	7.9	7.6	8.5	8.6

HIGHEST STAGE WAS 21.19 AT 300 A.M., MAR. 16.
LOWEST STAGE WAS 7.34 AT 600 A.M., JUN. 27.

DAILY STAGES FOR 1974

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02, STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN., ON DOWN STREAM SIDE OF BRIDGE.

GAGE, AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE, STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES, HIGHEST, 20.08 FEET ON APR. 24, 1973. LOWEST, 7.25 FEET ON JUL. 2, 1969. MAXIMUM, 17.81 7 CFS COMPUTED ON APR. 24, 1973. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 259.50 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.7	14.4	14.9	10.6	15.0	14.5	9.0	8.8	11.3	13.6	8.7	11.8
2	14.3	14.5	14.6	11.3	14.4	15.4	8.9	8.4	12.0	13.8	8.7	11.7
3	13.7	14.6	14.0	11.6	14.2	15.8	8.8	10.9	13.0	13.7	9.0	11.3
4	13.0	14.5	13.3	11.4	14.4	15.8	8.6	12.4	13.2	13.2	8.9	11.1
5	12.5	14.1	12.3	12.0	14.5	15.8	9.8	11.7	12.8	11.7	10.5	10.8
6	12.2	13.5	12.0	12.2	14.5	16.2	9.2	12.3	12.9	10.3	10.1	10.6
7	12.8	13.1	12.0	11.4	14.5	16.9	9.0	12.3	12.6	9.4	9.8	10.6
8	13.6	12.6	11.7	10.8	14.4	17.8	8.8	11.0	11.3	9.0	9.4	11.0
9	14.6	12.2	11.4	12.0	14.4	18.1	9.2	9.8	10.2	8.7	9.3	11.1
10	15.7	12.3	11.3	11.6	15.1	17.6	9.1	11.3	10.1	8.5	9.2	10.8
11	17.5	12.1	11.2	11.6	17.3	17.2	8.9	12.9	10.6	8.5	9.4	10.5
12	18.2	11.5	13.4	12.8	17.5	16.9	9.3	13.3	10.0	8.4	10.1	11.0
13	18.4	11.0	13.4	14.0	17.5	16.8	9.0	14.3	11.0	8.3	10.4	11.1
14	18.4	10.6	13.6	14.5	17.3	16.6	8.6	14.7	10.0	8.2	9.9	10.8
15	18.8	11.1	13.9	14.6	17.5	16.4	8.4	14.7	9.2	8.5	9.5	10.8
16	18.9	11.7	14.0	14.3	17.9	16.2	8.3	14.9	8.9	9.6	9.3	11.8
17	18.4	12.9	13.8	13.6	18.2	15.9	8.4	15.0	8.8	10.6	9.7	11.7
18	17.8	12.9	13.5	12.8	17.9	15.5	8.3	15.0	8.6	10.7	10.7	11.8
19	17.1	14.0	13.2	11.4	17.3	15.1	8.1	15.2	8.5	10.6	11.7	12.2
20	16.4	14.6	13.1	10.5	16.7	14.7	8.6	15.1	8.4	10.6	12.8	12.3
21	16.1	14.8	13.0	9.9	16.3	14.0	8.3	14.7	8.7	10.8	13.9	11.9
22	15.6	15.2	13.1	13.9	15.9	13.2	8.1	14.3	9.4	10.6	15.3	11.3
23	15.1	15.7	12.6	15.9	15.9	12.9	8.3	13.8	9.2	10.0	14.2	10.8
24	14.6	15.7	12.3	17.0	15.5	12.4	10.1	12.9	8.7	9.4	14.4	11.6
25	14.1	15.4	12.2	16.9	15.0	11.8	9.3	11.5	8.4	9.0	14.6	13.4
26	13.5	15.2	11.8	16.5	14.7	11.3	9.1	10.5	8.4	8.8	14.6	12.9
27	13.7	15.0	11.2	16.2	14.5	10.9	9.9	9.8	11.4	8.8	14.3	12.9
28	13.7	15.0	11.1	16.0	14.1	10.1	9.7	9.5	11.3	8.7	13.9	13.7
29	14.1		11.1	15.8	13.5	9.5	9.4	9.1	13.2	8.7	13.3	14.5
30	14.3		10.9	15.5	12.7	9.1	9.7	10.6	13.6	8.8	12.6	15.2
31	14.5		10.7		11.6		9.5	11.9		8.7		15.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	15.4	13.6	12.6	13.3	15.5	14.7	9.0	12.3	10.5	10.0	11.3	11.9
MAX	18.9	15.7	14.0	17.0	18.2	18.1	10.1	15.2	13.6	13.8	15.3	15.6
MIN	12.2	10.6	10.7	9.9	11.6	9.1	8.1	8.4	8.4	8.2	8.7	10.5

HIGHEST STAGE WAS 18.93 AT 200 A.M., JAN. 16.
LOWEST STAGE WAS 8.10 FROM 200 A.M. TO 700 A.M., JUL. 22.

DAILY STAGES FOR 1973

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02, STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWN STREAM SIDE OF BRIDGE.

GAGE, AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 18.78 FEET ON DEC. 16, 1972. LOWEST 7.25 FEET ON JUL. 2, 1969. MAXIMUM, 13,329 COMPUTED FOR DEC. 15, 1972. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 259.50 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.1	15.7	10.1	14.0	16.0	14.1	10.9	10.2	8.4	8.5	8.3	16.5
2	13.0	15.5	10.0	14.0	15.9	14.2	11.3	9.4	8.1	8.7	8.6	16.5
3	13.7	15.2	10.9	14.1	15.7	14.1	11.0	8.6	7.9	9.8	8.4	16.6
4	14.6	15.0	11.2	14.2	15.6	13.7	10.6	8.3	7.8	8.8	8.2	16.8
5	14.9	14.8	11.2	14.2	15.3	12.9	10.9	8.1	7.8	8.3	9.3	17.1
6	15.0	15.0	11.2	14.2	15.3	12.1	11.1	8.0	7.9	8.2	9.8	16.9
7	14.9	15.6	12.7	13.9	15.4	11.7	10.1	8.0	10.9	8.1	9.2	16.4
8	14.8	16.3	13.0	13.9	15.8	10.8	9.5	8.0	11.0	8.6	8.7	15.7
9	14.7	16.8	13.7	13.7	15.9	9.9	9.4	7.9	9.3	9.2	8.6	14.9
10	14.4	17.0	14.4	13.7	15.5	9.5	9.2	8.6	10.0	8.9	9.1	14.1
11	14.0	16.7	15.1	13.8	15.2	9.2	9.7	8.1	9.2	8.4	8.7	13.1
12	13.6	16.4	15.7	14.0	15.0	9.1	10.1	8.3	8.4	8.2	8.5	11.9
13	12.9	16.2	15.9	13.9	14.9	12.2	9.3	8.7	8.2	8.1	8.4	11.1
14	12.1	16.6	15.6	13.6	14.6	13.6	8.8	10.1	8.2	8.2	8.4	10.6
15	12.4	16.7	15.4	13.1	14.1	14.6	8.5	9.0	8.6	8.8	8.4	10.3
16	12.3	16.3	15.5	12.4	13.5	14.3	8.6	8.9	8.4	8.8	8.5	10.0
17	11.9	15.8	16.1	12.0	12.8	13.5	10.5	8.3	8.2	8.3	8.8	9.8
18	11.6	15.4	16.5	12.3	12.0	12.4	10.7	8.5	8.1	8.1	8.7	9.6
19	12.2	15.1	16.4	13.7	11.1	10.8	10.5	8.4	8.0	8.1	10.0	9.5
20	11.9	14.7	16.3	15.7	10.5	12.8	9.9	8.2	7.9	8.1	10.0	10.1
21	12.2	14.2	16.3	18.1	11.0	12.4	9.3	8.0	8.0	8.0	13.1	11.0
22	14.2	13.7	16.4	18.7	10.5	11.7	8.9	7.9	8.0	8.0	12.2	10.8
23	15.9	13.1	16.3	19.0	10.0	11.4	8.7	7.8	7.9	8.0	11.7	10.2
24	16.4	12.4	16.0	20.1	10.6	10.6	8.5	7.8	7.9	8.0	11.6	10.0
25	16.5	11.8	15.5	19.7	10.6	9.8	9.1	7.8	7.9	8.0	11.6	13.2
26	16.6	11.2	15.0	18.9	10.5	9.3	9.6	7.7	8.1	8.0	12.4	13.3
27	16.9	10.7	14.6	18.2	11.5	9.0	9.2	7.7	8.1	8.0	14.2	14.3
28	17.1	10.4	14.3	17.6	12.9	10.7	8.5	7.8	7.9	8.0	15.5	14.8
29	17.0		14.0	17.0	13.1	11.2	8.3	7.8	8.3	8.0	16.6	15.1
30	16.7		13.8	16.5	13.6	11.1	8.1	9.4	9.7	8.5	16.7	14.9
31	16.2		13.8		13.9		8.2	8.0		8.3		14.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	14.3	14.8	14.3	15.3	13.5	11.8	9.6	8.4	8.5	8.3	10.4	13.2
MAX	17.1	17.0	16.5	20.1	15.9	14.6	11.3	10.1	11.0	9.8	16.7	17.1
MIN	11.6	10.4	10.0	12.0	10.0	9.0	8.1	7.7	7.8	8.0	8.2	9.5

HIGHEST STAGE WAS 20.08 AT 800 A.M., APR. 24.
LOWEST STAGE WAS 7.68 AT 800 A.M., AUG. 27.

DAILY STAGES FOR 1972

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION, LAT. 35-44-02, LONG. 89-21-02. STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWN STREAM SIDE OF BRIDGE.

GAGE, AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE, STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES, HIGHEST, 18.78 FEET ON DEC. 16, 1972. LOWEST 7.25 FEET ON JUL. 2, 1969. MAXIMUM, 13,329 COMPUTED FOR DEC. 15, 1972. MINIMUM, 152 CFS COMPUTED FOR JUL. 15, 1969.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 259.50 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.1	14.0	9.5	12.7	14.0	10.9	8.4	11.6	7.7	13.2	14.4	14.4
2	11.6	13.9	12.2	13.1	14.1	9.5	12.1	11.6	7.7	13.6	14.6	14.4
3	11.7	13.5	12.8	12.9	13.7	8.8	11.4	11.8	8.1	14.2	14.8	14.4
4	12.1	13.0	12.7	13.8	13.3	8.5	10.4	11.9	8.5	14.3	14.9	14.4
5	12.8	12.2	13.0	14.1	12.3	8.3	12.7	11.5	7.9	14.4	14.9	14.3
6	13.3	11.7	13.4	14.3	10.9	8.1	13.1	10.4	7.8	14.2	14.8	14.1
7	13.7	13.4	13.6	14.4	9.9	8.0	13.0	9.4	7.8	13.4	15.2	13.9
8	13.9	13.5	13.6	14.4	9.4	7.9	11.8	8.8	7.7	12.1	15.8	14.2
9	14.2	13.5	13.4	14.3	11.3	7.9	10.6	8.5	7.7	10.4	16.2	16.0
10	14.3	13.7	13.0	14.0	11.6	7.8	9.7	8.2	7.7	9.4	16.2	17.4
11	14.2	13.7	12.3	13.5	11.8	9.8	8.7	8.2	7.6	8.9	16.0	17.7
12	14.0	13.3	11.4	12.8	13.3	9.4	8.3	8.0	7.6	8.6	15.9	17.8
13	14.0	12.8	10.8	11.8	14.6	8.3	8.1	9.5	7.6	8.5	15.8	17.7
14	14.0	12.5	10.5	11.0	15.0	8.1	8.0	10.7	7.6	8.4	16.0	17.9
15	13.9	12.1	10.5	10.3	14.8	7.9	7.9	10.3	7.6	8.7	15.9	18.3
16	13.4	11.6	12.4	10.6	14.1	9.0	12.6	9.1	8.1	9.6	15.7	18.8
17	12.5	11.1	12.8	11.2	13.2	10.3	13.6	8.4	9.6	8.9	15.4	18.5
18	11.2	10.6	12.8	11.2	11.8	9.0	14.5	8.2	9.8	11.1	15.2	18.0
19	10.7	10.1	13.1	11.0	10.3	8.2	15.3	8.1	9.8	13.3	15.1	17.4
20	11.2	9.6	13.5	10.3	9.4	8.3	15.4	8.0	8.8	13.3	15.0	16.9
21	12.9	9.4	13.5	11.5	8.8	8.1	15.3	7.9	8.1	13.9	15.0	16.5
22	13.1	9.3	13.2	13.0	8.7	7.9	15.2	7.8	10.7	14.6	15.1	16.1
23	13.2	9.5	12.4	13.3	8.5	7.8	15.1	11.1	10.0	15.0	15.1	15.7
24	13.7	9.4	11.4	13.5	8.4	7.7	15.3	9.8	9.4	15.1	15.1	15.2
25	14.0	9.4	10.7	13.4	9.0	7.7	15.2	9.4	9.8	15.2	15.1	14.8
26	14.4	9.5	10.6	12.8	9.5	7.6	14.9	8.9	8.9	15.3	15.1	14.3
27	14.7	9.9	10.6	11.3	8.5	7.7	14.1	9.2	11.3	15.2	14.8	13.8
28	14.8	10.0	11.4	10.2	9.4	8.5	13.0	8.4	10.7	15.0	14.6	13.2
29	14.6	9.7	12.0	13.1	8.2	10.7	11.5	8.1	10.3	14.6	14.5	12.4
30	14.2		11.9	13.6	12.8	9.8	12.0	7.9	13.0	14.3	14.5	11.7
31	14.0		12.0		12.5		11.8	7.8		14.4		13.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	13.3	11.6	12.2	12.6	11.4	8.6	12.2	9.3	8.8	12.6	15.2	15.6
MAX	14.8	13.7	13.6	14.4	15.0	10.7	15.4	11.9	13.0	15.3	16.2	18.8
MIN	10.7	9.3	9.5	10.2	8.2	7.6	7.9	7.8	7.6	8.4	14.4	11.7

HIGHEST STAGE WAS 18.78 AT 300 A.M., DEC. 16.
LOWEST STAGE WAS 7.56 FROM 600 A.M. TO 1000 A.M., SEP. 15.

DAILY STAGES FOR 1971

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (FAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWN STREAM SIDE OF BRIDGE.

GAGE. AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 16.52 FEET ON APR. 21, 1969. LOWEST, 7.25 FEET ON JUL. 22, 1969. MAXIMUM, 8,195. CFS COMPUTED FOR FEB. 24, 1971. MINIMUM, 138 CFS COMPUTED FOR DEC. 9, 1971.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 259.50 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.1	9.6	16.4	11.9	8.6	8.2	7.9	9.3	9.1	8.0	8.1	8.8
2	12.4	9.2	16.1	13.1	8.5	9.7	9.0	8.3	9.5	8.0	8.0	8.4
3	11.5	9.1	15.7	13.4	8.3	10.4	10.2	9.5	10.5	7.9	8.0	8.3
4	12.3	9.2	15.2	13.5	8.3	9.1	8.7	13.3	10.1	7.9	8.0	8.8
5	12.8	12.2	14.6	13.8	8.2	8.5	8.0	13.6	9.3	7.8	7.9	9.8
6	12.7	12.1	14.0	14.1	8.2	8.2	8.0	13.2	8.6	7.8	7.9	9.1
7	12.6	12.1	13.9	14.2	8.2	8.2	7.8	11.8	8.6	7.8	8.0	8.8
8	12.9	12.1	13.5	14.0	9.0	8.1	8.2	10.4	8.3	7.8	8.2	8.9
9	12.8	12.3	13.2	13.5	9.4	8.4	7.9	9.4	8.2	7.7	8.2	10.0
10	12.1	11.8	12.8	12.5	8.7	9.0	7.7	9.3	8.2	7.7	8.1	12.8
11	11.3	11.0	12.3	11.2	8.5	8.3	7.6	9.8	8.0	7.7	8.1	12.7
12	10.8	11.5	11.7	10.2	9.6	8.0	7.9	11.0	7.9	7.7	8.1	12.4
13	10.3	13.9	11.1	9.8	12.3	8.0	8.3	10.6	7.9	7.7	8.1	12.7
14	10.2	14.5	11.8	9.5	12.3	7.8	7.9	10.0	7.8	7.7	8.0	12.9
15	11.3	15.0	11.8	9.2	12.1	7.8	7.7	9.0	7.8	7.7	8.0	12.9
16	11.3	15.1	11.7	9.1	12.3	8.4	7.6	8.4	7.7	7.7	8.0	13.1
17	10.6	15.1	11.6	9.0	12.8	10.2	8.8	8.1	8.6	7.7	8.0	12.8
18	10.1	15.1	11.3	8.9	12.9	8.5	8.2	8.0	8.4	7.7	8.0	12.4
19	9.8	15.1	10.8	8.8	12.1	8.1	7.7	7.9	8.2	7.7	8.0	11.9
20	9.6	15.1	10.8	8.7	10.7	8.5	7.7	7.8	8.3	7.7	8.4	11.4
21	9.3	14.9	10.7	8.7	9.4	9.3	7.9	7.8	9.1	7.7	8.8	11.3
22	9.3	15.9	10.2	8.8	8.9	9.5	7.8	7.8	9.5	7.7	8.4	11.0
23	9.7	16.7	9.8	9.1	8.6	11.1	7.6	11.5	8.6	7.7	8.2	10.3
24	11.1	16.8	9.5	10.3	8.5	11.1	7.6	10.9	8.2	7.8	8.1	9.7
25	11.3	16.6	9.3	10.7	11.5	9.8	8.1	9.4	8.1	10.3	8.2	9.4
26	11.5	16.4	9.6	10.2	11.4	8.8	8.0	8.5	8.3	10.8	8.2	9.2
27	11.3	16.4	11.3	9.4	10.8	8.3	8.2	8.1	8.3	10.1	8.2	9.1
28	10.7	16.5	11.4	9.1	9.6	8.0	8.2	10.5	8.4	9.0	8.2	9.0
29	10.1		11.7	9.0	8.9	8.3	8.3	10.0	8.2	8.4	8.2	9.0
30	9.8		11.7	8.7	8.6	8.5	11.6	8.9	8.1	8.2	8.5	10.1
31	9.7		11.8		8.4		9.2	8.4		8.1		10.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	11.1	13.6	12.2	10.7	9.9	8.8	8.2	9.7	8.5	8.1	8.1	10.6
MAX	12.9	16.8	11.8	14.2	12.9	11.1	11.6	13.6	10.5	10.8	8.8	13.1
MIN	9.3	9.1	9.3	8.7	8.2	7.8	7.6	7.8	7.7	7.7	7.9	8.3

HIGHEST STAGE WAS 16.89 FROM 1100 P.M., FEB. 24 TO 200 A.M., FEB. 25.
LOWEST STAGE WAS 7.60 FROM 400 A.M. TO 400 P.M., JUL. 24.

DAILY STAGES FOR 1970

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWN STREAM SIDE OF BRIDGE.

GAGE. AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 16.52 FEET ON APR. 21, 1969. LOWEST 7.25 FEET ON JUL. 22, 1969. MAXIMUM, 6,550 CFS COMPUTED FOR APR. 27, 1970. MINIMUM, 152 CFS COMPUTED FOR JUL. 15, 1969.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 2⁵⁹~~24~~.50 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.1	13.2	13.9	11.1	15.9	8.0	8.9	7.5	7.5	8.1	9.0	8.8
2	16.1	12.3	9.8	13.6	16.1	8.2	8.6	7.5	7.5	8.0	8.7	8.8
3	15.9	12.6	13.0	14.4	16.0	11.4	8.4	7.4	7.4	8.0	8.6	8.8
4	16.0	12.6	13.8	14.7	15.6	11.3	8.2	12.4	7.6	8.0	8.6	8.7
5	16.0	12.7	14.4	14.7	15.1	11.3	8.1	12.6	9.6	7.9	8.5	8.7
6	16.0	13.0	14.9	14.8	14.4	10.5	8.0	11.9	10.7	7.8	8.5	8.9
7	15.9	13.1	14.9	15.1	13.6	11.0	7.8	10.0	11.0	7.7	8.5	9.3
8	15.9	13.1	15.0	15.4	12.7	10.4	7.9	9.7	11.3	7.7	8.4	9.1
9	15.9	12.9	15.1	15.4	11.5	9.4	8.9	9.1	11.4	12.4	8.4	8.9
10	15.9	12.8	15.2	15.1	10.6	8.6	9.6	9.9	11.4	12.2	9.0	8.8
11	15.9	12.7	15.0	14.5	12.3	8.4	8.6	9.6	10.8	10.4	10.2	8.8
12	15.9	12.7	14.6	13.7	12.4	8.2	8.0	8.2	10.2	11.5	9.4	9.1
13	15.9	12.7	13.9	12.9	12.5	8.1	7.8	8.2	9.2	13.0	9.0	9.4
14	15.9	12.4	13.2	12.0	12.9	10.6	7.7	8.0	8.6	13.6	9.1	9.3
15	12.5	13.3	12.3	11.2	12.5	13.1	7.7	7.8	8.3	13.8	9.9	9.0
16	12.5	13.8	11.3	10.2	11.9	13.6	7.6	7.7	8.2	13.9	10.3	11.3
17	12.4	14.0	10.5	9.9	10.6	13.8	7.6	7.6	8.0	13.6	9.7	11.8
18	12.2	14.0	11.2	10.7	9.7	13.4	7.8	7.6	7.9	12.6	9.2	11.5
19	11.8	14.3	11.6	11.3	9.2	13.5	7.8	7.7	13.7	11.0	9.1	10.8
20	11.1	14.4	13.2	13.2	8.8	13.8	7.8	7.7	14.5	11.2	10.6	10.1
21	10.9	14.5	13.6	13.7	8.6	14.3	7.8	9.4	14.6	10.3	11.2	13.0
22	10.9	14.2	13.4	14.3	8.4	14.8	7.9	9.0	14.2	9.6	10.9	14.1
23	10.9	13.7	13.2	14.7	8.2	15.2	7.7	9.0	13.3	9.0	10.2	14.8
24	9.6	13.0	12.8	14.9	8.1	15.2	8.0	9.0	11.8	8.8	9.6	15.1
25	10.0	11.8	12.2	15.2	8.0	14.8	7.9	8.5	11.6	9.0	9.1	15.5
26	10.1	11.2	12.8	15.8	8.4	14.1	7.8	8.0	10.0	9.0	8.9	15.5
27	9.9	10.7	12.9	16.3	8.0	13.2	8.6	7.8	9.6	8.8	8.8	15.2
28	9.7	10.2	12.8	16.4	8.0	12.3	8.0	7.7	8.8	8.6	E 8.8	15.0
29	9.6		12.6	16.1	7.9	10.9	7.9	7.9	8.5	8.6	E 8.8	14.7
30	9.8		12.3	15.9	7.8	9.4	7.9	7.6	8.2	9.4	E 8.8	14.2
31	10.6		11.8		8.0		7.6	7.6		9.6		13.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	13.15	12.81	13.00	13.90	11.08	11.69	8.05	9.63	10.17	10.09	9.25	11.30
MAX.	16.1	14.5	15.2	16.4	16.1	15.2	9.6	12.6	14.6	13.9	11.2	15.5
MIN.	9.6	10.2	9.8	9.9	7.8	8.0	7.6	7.4	7.4	7.7	8.4	8.7

E- ESTIMATED

HIGHEST STAGE WAS 16.37 FROM 600 P.M. TO 1000 P.M., APR. 27.
LOWEST STAGE WAS 7.39 AT 800 P.M., AUG. 3.

DAILY STAGES FOR 1969

SOUTH FORK OF FORKED DEER RIVER NEAR GATES (EAST), TENN.

LOCATION. LAT. 35-44-02, LONG. 89-21-02. STATE HIGHWAY 88 BRIDGE, ABOUT FOUR MILES EAST OF GATES AND ONE MILE WEST OF GILLILANDS, TENN. ON DOWN STREAM SIDE OF BRIDGE.

GAGE. AUTOMATIC RECORDER ON BRIDGE.

RECORDS AVAILABLE. STAGE AND DAILY DISCHARGE, JAN. 1, 1969 TO DATE.

EXTREMES. HIGHEST, 16.52 FEET ON APR. 21, 1969. LOWEST 7.25 FEET ON JULY 22, 1969. MAXIMUM, 4,880 CFS COMPUTED FOR APR. 20, 1969. MINIMUM, 152 CFS COMPUTED FOR JULY 15, 1969.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, ⁵⁹28.50 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.3	14.7	12.1	11.0	11.8	7.9	7.6	7.3	7.8	7.6	8.0	8.7
2	14.4	15.0	11.6	10.2	10.7	7.8	7.6	7.3	7.8	7.6	8.4	8.7
3	14.3	15.0	11.0	9.9	9.9	7.8	7.6	11.0	8.0	10.3	8.4	8.6
4	13.8	15.0	10.6	9.7	9.4	7.8	7.6	8.8	8.0	9.3	8.1	8.6
5	13.3	15.0	10.2	12.7	9.2	7.8	7.6	7.8	10.2	8.3	8.0	8.5
6	12.6	15.1	9.9	14.1	9.0	7.8	7.5	7.5	10.0	7.9	8.0	8.4
7	11.9	15.4	9.8	15.4	8.8	7.8	7.5	7.4	9.0	7.8	8.0	8.8
8	11.4	15.5	10.0	15.5	8.7	7.8	7.5	7.3	8.7	7.8	8.0	11.2
9	10.9	15.4	9.9	15.1	8.8	7.7	7.6	7.3	9.2	7.8	8.0	11.4
10	10.6	15.3	9.9	14.8	10.4	7.7	7.4	10.2	8.3	7.8	8.0	11.2
11	10.3	15.1	9.6	14.5	10.0	7.7	7.4	10.0	8.0	7.8	8.0	10.5
12	9.8	14.9	9.4	14.2	9.3	7.7	7.4	8.4	7.8	7.8	8.0	9.9
13	9.6	14.6	9.3	14.3	8.9	7.7	7.4	7.6	7.8	8.0	8.3	9.5
14	9.5	14.1	9.3	15.1	8.6	7.7	7.4	7.4	7.7	7.9	8.6	9.2
15	9.4	13.6	9.2	15.6	8.5	10.0	7.3	7.4	7.7	7.8	8.3	9.0
16	9.4	13.7	9.1	15.8	8.4	10.1	7.3	7.4	7.7	7.8	8.2	8.9
17	9.4	13.8	9.0	15.6	8.4	8.6	7.3	9.1	7.6	7.8	8.1	8.8
18	11.9	13.8	9.0	15.8	8.7	8.0	7.3	9.3	7.6	7.8	8.4	8.7
19	13.9	14.0	9.0	16.1	10.2	7.8	7.3	12.6	7.6	7.7	11.7	8.7
20	14.6	14.1	9.4	16.4	10.2	7.8	7.3	12.5	7.6	7.7	11.3	8.7
21	14.7	13.9	9.3	16.5	9.4	7.7	7.3	12.7	7.6	7.8	11.4	8.7
22	14.6	13.6	9.1	16.4	8.9	7.8	7.3	13.3	7.7	7.9	11.6	9.6
23	14.2	13.6	8.9	16.4	8.5	8.0	7.3	13.3	7.6	7.9	11.8	10.3
24	13.8	13.4	12.4	16.2	8.4	9.5	9.0	12.2	7.7	7.8	11.7	9.9
25	13.3	13.3	12.8	15.9	8.3	10.6	8.3	10.7	7.7	7.7	11.1	9.4
26	12.7	13.1	13.0	15.4	8.3	9.5	7.9	9.5	7.7	7.7	10.4	9.2
27	11.9	12.9	13.4	14.9	8.3	8.3	8.9	8.8	7.7	7.8	9.9	9.5
28	12.1	12.5	13.6	14.2	8.2	7.9	7.6	8.5	7.6	7.8	9.4	9.4
29	12.2		13.3	13.5	8.2	7.7	7.4	8.2	7.6	7.8	9.1	13.3
30	13.4		12.7	12.7	8.1	7.7	7.4	8.0	7.5	7.8	8.8	14.9
31	14.3		12.0		8.0		7.3	7.9		7.8		15.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	12.33	14.26	10.57	14.46	9.04	8.18	7.56	9.24	8.01	7.93	9.16	9.86
MAX.	14.7	15.5	13.6	16.5	11.8	10.6	9.0	13.3	10.2	10.3	11.8	15.6
MIN.	9.4	12.5	8.9	9.7	8.0	7.7	7.3	7.3	7.5	7.6	8.0	8.4

HIGHEST STAGE WAS 16.52 AT 400 A.M., APR. 21.
LOWEST STAGE WAS 7.25 AT 600 A.M., JUL. 22.