

DAILY STAGES FOR 1994

WF111

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

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	----	3.3	2.1	3.1	----	.2	1.3	1.5	-.6	-2.7	-2.7	-1.8
2	----	2.2	2.0	----	3.3	.4	1.4	.4	-1.1	-2.7	-2.8	-1.9
3	-2.4	.2	1.7	----	2.7	.8	1.4	-.2	-1.1	-2.7	-2.8	-1.9
4	-2.5	1.0	4.0	.7	2.1	1.0	1.2	-.5	-1.1	-2.7	-2.8	-1.8
5	-2.9	----	----	.5	1.6	.8	.5	-.3	-1.1	-2.7	-2.8	-2.0
6	-2.8	----	----	5.6	1.1	.4	.0	-.7	-.9	-2.8	-2.4	-2.1
7	-2.7	.4	2.9	3.2	----	4.2	-.2	-.8	-1.1	-2.8	-2.6	-2.2
8	----	1.0	2.8	2.4	----	.4	.2	-.9	----	-2.8	-2.6	-2.3
9	----	3.7	6.2	----	.2	.5	-.3	-1.0	----	-2.1	-2.7	-1.9
10	-2.6	3.8	5.4	----	.2	1.8	.9	-1.0	----	-2.7	-2.4	2.9
11	-2.7	3.8	6.4	3.2	.5	1.2	.8	-1.0	----	-2.7	-2.4	.0
12	-2.5	----	----	1.2	.6	1.3	.4	-1.1	----	-1.5	-2.4	-.2
13	-2.7	----	----	1.1	.1	1.5	.5	-1.1	----	-1.7	-2.4	-.5
14	-2.8	3.3	4.3	1.1	----	2.1	.0	-1.1	----	-1.9	-2.5	-.8
15	----	3.3	2.9	1.5	----	1.9	-.2	-.5	----	-2.0	-2.6	-1.2
16	----	2.8	1.3	----	.3	1.4	2.5	-1.1	----	-2.5	-2.5	-1.4
17	----	3.3	.6	----	.5	.9	.1	-.9	----	-2.3	-2.6	-1.4
18	.3	2.5	.5	3.5	.5	.2	-.2	-1.0	----	-2.3	-2.6	-1.8
19	.6	----	----	4.6	.5	.1	-.4	-1.0	----	-2.8	-2.2	-2.0
20	1.2	----	----	5.1	.5	.0	-.5	-1.0	-2.8	-2.3	-2.7	-2.0
21	2.1	----	.1	5.6	----	-.2	-.3	-.3	-2.8	-2.4	-2.6	-2.0
22	----	4.6	.1	5.8	-.3	-.4	.1	-.9	-2.8	-2.4	-2.7	5.3
23	----	7.3	.2	----	-.4	-.5	-.3	-1.0	-2.5	-2.4	-2.7	.6
24	2.4	5.6	1.5	----	-.5	.3	-.4	-1.0	-2.6	-2.4	-2.7	-.2
25	1.4	5.0	2.9	5.6	-.6	-.6	-.2	-1.0	-2.5	-2.5	-2.7	-1.4
26	1.7	----	----	5.4	4.0	-.5	.0	-1.0	-2.6	-2.5	-2.7	-1.8
27	7.4	----	----	5.2	-.1	-.5	3.6	-1.1	-2.6	-2.6	-1.6	----
28	7.7	2.6	6.2	4.8	-.3	.6	.4	-1.1	-2.6	-2.6	.4	----
29	----	----	7.2	4.6	-.4	1.0	.7	-1.1	-2.6	-2.7	-1.8	----
30	----	----	5.8	----	-.2	.9	1.1	-1.1	-2.6	-2.7	-1.8	----
31	4.3	----	4.3	----	-.4	----	1.6	-1.1	----	-2.7	----	----
MEAN	----	----	----	----	----	.7	.5	-.8	----	-2.4	-2.4	----
MAX	----	----	----	----	----	4.2	3.6	1.5	----	-1.5	.4	----
MIN	----	----	----	----	----	-1.6	-.5	-1.1	----	-2.8	-2.8	----

THE MEAN STAGE FOR THE YEAR -----
 HIGHEST RECORDED STAGE WAS 7.70 28 JAN 1994
 LOWEST RECORDED STAGE WAS -2.90 5 JAN 1994

DAILY STAGES FOR 1993

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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	A	-2.0	-1.3	-0.3	-1.1 E	-1.9	-1.1	A	A	A	-3.5	-3.1
2	A	-2.2	0.3	-0.6	0.9 E	-2.2	A	-0.2	-2.8	A	-3.6	-3.1
3	A	-2.4	0.3	-0.7	-0.4 E	-2.5	A	-1.6	A	A	-3.5	-3.0
4	-1.9	A	0.0	-0.4	-0.5 E	-2.8	A	-1.5	A	A	-3.5	A
5	-1.4	A	-0.4	-0.1	-0.8	A	A	-1.5	A	A	-3.5	A
6	-1.5	A	-0.8	0.1	-0.7	A	A	-0.8	A	A	A	4.4
7	-1.8	A	-1.3	0.3	-0.7	A	A	-1.2	A	A	A	3.8
8	-1.7	A	-1.7	0.5	-0.6	A	A	-1.4	A	A	-3.6	2.1
9	-1.8	A	-1.9	5.6	-0.5	A	A	-1.5	-1.8	A	-3.6	1.8
10	-1.5	A	E -2.1	3.3	-0.4	A	A	-1.5	A	A	-3.6	0.7
11	-1.6	-1.9	E -2.3	3.6	-0.3	-2.8	A	-1.5	A	A	A	A
12	-1.6	-1.3	E -2.5	2.9	-0.7	-2.0	-3.0	-1.5	A	A	-3.6	A
13	-1.7	-1.1	-1.3	2.7	-0.8	-1.7	A	A	-3.3	A	A	-2.1
14	-2.1	-1.4	-2.1	2.3	-1.3	A	A	A	-2.7	A	A	0.1
15	A	-1.8	-1.9	4.0	-1.8	A	A	A	A	A	0.9	0.6
16	A	-0.6	-1.6	2.2	-1.9	A	A	A	A	A	0.3	1.1
17	A	-1.0	-1.1	1.5	-1.4	-3.1	A	A	A	A	4.2	1.1
18	-1.9	-1.3	-1.1	0.7	-1.4	A	A	A	A	A	0.6	A
19	-1.2	-1.7	-1.1	0.3	-0.7	A	A	A	A	-2.7	0.0	A
20	-0.6	-1.9	-1.4	1.1	-1.7	-1.7	A	A	-2.0	-3.0	A	-1.4
21	3.6	1.2	-2.0	0.3	-1.7	-2.3	-3.0	A	-2.5	-3.3	A	-1.6
22	0.7	-1.1	-2.0	0.1	-1.8	-3.0	A	-0.4	-2.7	-3.4	-2.3	-1.9
23	1.2	-1.3	-1.9	0.1	-1.8	-3.0	A	-1.8	-2.8	A	-2.5	-1.9
24	4.8	-1.5	-2.0	0.0	-1.8	-2.1	A	-3.1	-2.6	A	-2.7	A
25	2.6	-1.9	-1.6	0.1	-1.8	-0.1	A	A	-1.7	-3.4	A	A
26	1.8	-0.1	-1.8	2.3	-1.8	-1.6	A	A	-2.0	-3.4	A	A
27	1.0	-0.6	-1.8	1.5	-2.0	-1.6	A	A	-2.5	-3.4	A	A
28	0.3	-1.0	-1.6	0.3	A	-1.8	A	A	-2.6	-3.5	A	-2.7
29	-0.6		-1.7	-0.7	A	3.3	A	A	-2.8	-3.5	-3.0	-1.6
30	-1.5		-1.8	-0.7	A	1.9	A	A	A	A	-3.0	-2.0
31	-1.8		0.7		-1.1		A	A		A		-2.1

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

MEAN	-1.38	1.08
MAX.	0.7	5.6
MIN.	-2.5	-0.7

A- NO RECORD.

E- ESTIMATED.

HIGHEST AND LOWEST STAGES WERE NOT DETERMINED.

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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	A	A	A	A	A	-2.0	-2.5	A	A	A	-2.1	A
2	A	A	A	A	A	A	-2.5	A	A	A	-2.0	A
3	A	A	A	A	A	A	A	-0.8	A	A	-2.1	-2.8
4	A	A	A	A	-2.9	-0.6	A	-1.0	A	A	-1.8	A
5	A	A	A	A	A	A	A	-1.5	A	A	A	A
6	A	A	-2.4	A	A	A	A	-1.4	A	A	A	A
7	-2.2	A	A	A	A	A	-2.7	-1.7	A	A	A	-2.9
8	A	A	A	A	A	A	-2.6	-2.1	A	A	A	-2.9
9	A	A	5.8	A	A	1.1	-2.7	-2.3	A	A	A	-2.1
10	-1.3	A	9.6	A	A	A	-2.7	-2.3	A	A	A	-1.9
11	A	A	7.1	A	A	A	-2.7	-2.3	-3.4	A	-1.4	A
12	A	A	7.1	A	A	A	-2.7	-2.3	E -3.4	A	A	A
13	A	A	6.0	-2.6	A	A	-2.7	-1.8	E -3.4	A	A	A
14	A	A	A	A	A	A	-2.7	E -2.3	E -3.4	A	A	A
15	A	A	A	A	A	A	-2.7	E -2.5	E -3.4	A	A	-1.9
16	A	A	A	A	A	A	1.8	E -2.7	-3.4	-1.7	A	-1.9
17	A	A	A	A	A	A	0.0	-2.9	A	A	A	A
18	A	A	6.0	A	A	-0.8	0.7	E -2.9	A	A	A	A
19	A	A	E 5.8	A	A	A	1.1	E -3.0	A	A	-2.9	E -2.3
20	A	A	E 4.8	A	A	A	0.1	E -3.1	A	A	A	-0.6
21	A	A	E 3.8	A	A	A	-1.6	E -3.1	A	A	A	-1.3
22	A	A	E 2.7	A	A	A	-2.0	-2.3	3.1	A	A	-1.4
23	A	A	E 1.7	A	A	A	-2.1	A	-1.8	A	A	0.6
24	A	A	0.9	A	A	A	-2.3	A	-1.7	A	A	-0.9
25	A	A	0.1	A	A	A	-2.4	A	-2.2	A	A	-1.0
26	A	A	-0.7	A	A	A	-2.1	A	-1.9	-3.3	A	-1.2
27	A	A	A	A	A	A	-2.1	A	-2.3	-1.7	A	-1.6
28	A	A	A	-2.3	A	A	A	-3.2	-2.6	A	A	-1.8
29	-2.6	A	A	-2.5	A	A	A	A	A	A	A	A
30	A	A	A	A	A	A	A	A	A	-1.9	A	A
31	A	A	A	A	A	A	A	A	A	-2.1	A	A

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

MEAN
MAX.
MIN.

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 9.70 ON MAR 10.

LOWEST STAGE WAS NOT DETERMINED.

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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	4.9	E -2.0	A	A	9.7	A	A	A	A	A	A	A
2	4.5	E -2.1	A	A	7.7	A	A	A	A	A	A	A
3	4.7	E -2.1	A	A	E 5.8	A	A	A	-2.5	A	A	4.5
4	4.7	-2.2	0.8	4.7	E 5.5	A	A	A	A	-2.8	A	A
5	4.9	1.0	A	E 4.2	E 5.2	A	A	A	A	A	-2.3	A
6	5.4	4.0	A	A	4.9	A	A	-2.7	A	A	A	A
7	7.7	1.2	A	A	A	A	A	A	A	A	A	A
8	6.1	E 0.8	A	A	A	A	-2.4	A	A	A	A	A
9	5.9	E 0.0	A	A	A	A	A	A	A	A	A	A
10	5.7	E -0.7	A	A	A	A	A	A	A	A	A	A
11	5.9	-1.5	-1.4	A	A	-1.9	A	A	A	A	A	0.8
12	5.7	A	A	E 5.1	E 8.2	A	A	A	-2.3	A	A	A
13	5.5	A	A	4.3	10.6	A	A	A	A	A	A	A
14	5.3	A	A	7.3	12.3	A	A	-2.7	A	A	A	A
15	5.2	A	A	10.3	7.9	A	A	A	A	A	A	A
16	5.0	A	A	10.3	6.5	A	A	A	A	A	A	A
17	4.6	A	A	9.6	E 6.2	A	A	A	-2.7	-2.7	A	A
18	4.2	E 2.4	A	7.5	E 5.4	A	A	A	A	A	A	A
19	3.8	11.1	A	9.5	E 4.6	A	A	A	A	A	A	-0.6
20	3.3	10.4	A	5.9	E 3.9	A	A	A	A	A	A	A
21	3.0	11.9	A	E 5.1	E 3.1	A	A	A	A	A	A	A
22	2.6	11.0	A	E 3.8	E 2.4	A	A	A	A	A	-1.2	A
23	0.9	6.6	A	E 2.5	E 1.6	A	A	A	A	A	A	-0.7
24	A	4.5	A	E 1.2	0.8	-1.6	A	A	A	A	A	A
25	A	A	A	0.1	A	A	A	A	A	A	-1.0	A
26	A	A	A	0.1	A	A	-2.4	A	A	A	A	A
27	A	A	A	0.1	A	A	A	A	A	A	A	A
28	A	A	A	1.0	A	A	A	A	A	A	A	A
29	A	A	-1.2	11.2	A	A	-2.2	A	A	A	A	A
30	-1.8	A	A	10.6	A	A	A	-2.6	A	A	A	-2.1
31	-2.0	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.

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 12.68 ON MAY 13.

LOWEST STAGE WAS NOT DETERMINED.

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DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.1	0.5	0.7	E 0.1	3.2	A	A	-3.3	A	A	A	A
2	0.1	7.3	0.3	E 0.0	2.8	A	A	E -3.3	A	A	A	A
3	-0.4	8.3	0.1	E 0.0	3.1	A	A	E -3.4	A	-3.6	A	0.3
4	0.9	9.1	-0.3	E -0.1	2.7	A	A	E -3.4	A	0.9	A	A
5	-0.4	10.8	-0.6	E -0.2	2.3	A	A	E -3.4	A	-0.8	-3.2	A
6	-0.5	12.5	-1.2	-0.3	2.1	A	A	-3.4	A	E -1.0	A	A
7	-0.8	8.6	-1.3	A	1.3	A	A	-3.4	A	A	A	A
8	-0.9	5.3	4.8	A	0.2	A	A	-3.4	A	A	A	A
9	-1.4	3.5	1.5	A	0.0	A	-3.2	A	A	A	A	A
10	A	8.3	2.3	A	A	A	A	A	-3.6	A	A	A
11	A	6.7	2.0	A	A	-1.1	A	A	-3.4	A	A	-3.0
12	A	7.3	1.7	A	A	A	A	A	-3.3	A	A	-2.0
13	A	5.5	1.2	A	A	A	A	A	A	A	A	A
14	A	3.0	0.5	A	-2.1	A	A	A	A	A	-2.9	A
15	A	3.4	5.1	A	A	A	A	A	A	A	A	A
16	A	6.2	1.7	-2.9	A	A	A	A	A	A	A	A
17	-2.7	3.3	1.6	-0.9	A	A	A	A	A	A	A	-1.5
18	-0.8	2.3	1.8	0.3	A	-2.5	A	A	-3.5	A	A	2.1
19	-1.4	1.6	1.9	A	-2.0	A	A	A	A	A	A	0.6
20	-1.2	1.2	1.0	A	3.1	A	A	-3.4	A	A	A	3.9
21	-1.4	0.8	0.5	0.2	1.1	A	A	E -3.4	A	A	A	6.9
22	A	1.4	0.2	1.0	4.1	-0.1	A	E -3.5	A	A	A	9.7
23	A	1.4	A	1.6	4.2	E -1.3	-2.9	E -3.5	A	A	A	9.5
24	A	1.4	A	1.2	3.5	E -1.7	A	-3.5	A	A	A	8.2
25	A	1.3	A	1.0	2.8	E -2.1	A	A	A	-3.2	A	5.4
26	-2.5	1.0	A	0.5	2.1	-2.5	A	A	A	E -3.2	-3.3	4.5
27	-2.0	0.9	A	0.3	1.8	A	A	A	A	E -3.3	A	4.0
28	-1.6	0.7	A	5.6	1.7	A	A	A	A	E -3.3	A	4.0
29	4.6	A	A	1.6	1.4	A	A	A	A	-3.4	A	3.0
30	1.1	A	1.6	2.4	-0.4	A	A	A	A	A	A	3.0
31	1.4	A	0.3	A	A	A	A	A	A	A	A	5.3

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

MEAN 4.40
MAX. 12.5
MIN. 0.5

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 12.50 ON FEB. 6.
LOWEST STAGE WAS NOT DETERMINED.

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	3.1	0.2	2.3	6.1	-2.7	-3.0	-0.9	-1.7	E -2.5	-2.0	-3.2	A
2	2.0	-0.2	2.0	3.9	-2.7	-2.5	9.8	-1.9	E -2.4	-2.3	A	A
3	1.8	2.9	1.7	2.5	-2.6	-2.8	9.0	-1.9	0.0	-2.4	A	A
4	1.2	1.2	1.3	5.0	-2.4	-2.9	8.1	-1.9	-2.6	-2.5	A	A
5	0.4	1.2	3.1	2.0	-2.3	-2.3	5.8	-2.0	-3.1	A	A	A
6	0.3	0.4	3.1	1.8	-2.4	-1.8	4.2	-2.0	A	A	A	A
7	-0.6	-0.4	3.4	1.5	-2.4	-1.9	3.1	-2.0	A	A	A	A
8	2.4	-1.1	3.8	1.2	-2.5	-2.0	2.4	-2.5	A	A	1.5	A
9	0.9	-1.5	2.7	0.6	-2.5	-1.7	1.6	-2.6	A	A	-0.3	A
10	0.7	-1.7	2.2	-0.1	-2.5	-1.6	0.8	-2.6	A	A	-0.6	A
11	-0.5	-1.9	1.4	-0.6	-2.5	-1.7	0.3	-2.6	A	-3.1	-0.8	A
12	8.0	-2.0	0.0	-0.9	-2.6	-1.6	-0.8	A	A	A	-1.0	A
13	5.7	-2.0	-0.9	-1.1	-2.7	2.0	-0.8	A	-2.5	A	-1.1	-3.1
14	9.5	11.0	-1.3	-1.2	-2.7	1.2	-0.8	A	-2.5	A	A	A
15	11.8	5.4	-1.5	-1.3	-2.7	2.5	-0.6	A	-2.4	A	A	A
16	11.3	7.6	-1.6	-1.5	-2.8	1.8	0.1	A	0.9	-1.1	A	A
17	8.4	5.7	-1.8	-1.7	-2.8	2.3	0.3	A	-1.6	2.4	A	A
18	5.9	6.8	-1.9	-2.0	-2.9	2.4	-1.3	A	-2.1	-1.3	A	A
19	3.8	4.6	-1.8	-2.1	-2.9	2.5	-1.4	A	-2.5	-1.4	A	A
20	2.4	3.6	-1.7	-2.2	-2.9	1.6	0.2	A	A	-1.7	A	A
21	1.3	9.8	-0.8	-2.2	-2.7	1.0	1.6	A	A	-2.0	A	-3.1
22	-0.1	8.5	-1.3	-2.3	-1.6	0.3	4.6	A	A	-2.2	-1.2	A
23	-0.8	9.5	-1.6	-2.4	-2.0	-1.2	4.0	-3.1	A	-2.4	-1.0	A
24	-1.2	7.5	-1.7	-2.5	-2.1	-0.2	2.8	E -2.9	A	-2.5	-1.2	A
25	-1.4	4.7	-1.8	-2.5	-2.2	-0.9	1.7	E -2.6	A	A	A	A
26	-0.9	2.8	-1.9	-2.5	-2.4	-1.0	0.8	E -2.4	A	A	A	A
27	-0.9	2.7	-2.0	-2.6	-2.5	-1.8	-0.5	-2.5	A	A	A	A
28	-1.1	3.4	-2.0	-2.6	-2.7	-2.1	-1.2	E -2.6	A	A	-2.6	A
29	0.5		7.7	-2.7	-2.8	-2.2	-1.6	E -2.6	-3.0	A	A	A
30	0.6		5.2	-2.7	-2.9	-1.4	-1.9	E -2.5	0.0	A	A	-1.1
31	0.6		7.9		-3.0		1.2	E -2.5		A		2.3

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

MEAN	2.42	3.17	0.71	-0.50	-2.55	-0.63	1.63
MAX.	11.8	11.0	7.9	6.1	-1.6	2.5	9.8
MIN.	-1.4	-2.0	-2.0	-2.7	-3.0	-3.0	-1.9

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 12.13 ON JAN 15.

LOWEST STAGE WAS NOT DETERMINED.

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	3.7	-1.9	-2.7	-1.6	-3.0	-3.7	E -3.7	-3.7	E -3.9	0.9	-3.0	1.5
2	2.4	3.4	-2.7	0.3	-3.0	-3.8	E -3.7	E -3.7	E -3.9	-1.7	-3.2	0.2
3	1.7	1.6	-1.8	0.5	-3.1	-3.7	E -3.6	E -3.8	E -3.9	-1.6	-3.3	-1.0
4	0.8	1.9	-2.0	0.1	-3.1	E -3.8	E -3.6	E -3.8	E -3.9	-2.5	-3.4	-1.6
5	-0.2	0.7	-1.9	-0.3	-3.1	E -3.8	E -3.5	E -3.8	E -3.8	-3.1	-3.4	-2.1
6	-0.7	-0.2	-2.2	-0.7	-3.1	E -3.8	E -3.5	E -3.8	E -3.8	-3.3	-3.5	-2.3
7	-1.0	-0.1	-2.3	-1.6	-3.2	E -3.8	E -3.4	E -3.8	-3.8	-3.3	-3.5	-2.5
8	-1.1	-1.5	-2.3	-2.1	-3.2	E -3.8	E -3.4	-3.8	-3.8	-3.4	-3.6	-2.6
9	-1.1	-1.8	-0.3	-2.4	-2.9	E -3.8	E -3.3	E -3.9	-3.9	-3.5	-3.6	-2.7
10	-1.2	-1.9	-0.8	-2.6	-3.3	E -3.8	E -3.3	E -3.9	-3.9	-3.6	-3.0	-2.8
11	-1.4	-2.1	-1.4	-2.5	-3.5	E -3.8	E -3.2	E -3.9	-3.9	-3.6	-3.5	-2.9
12	-1.5	-2.1	-1.6	-1.4	-3.6	E -3.9	E -3.2	E -3.9	-3.9	-3.6	-3.6	-2.9
13	-0.7	-2.2	-0.9	-2.1	-3.5	-3.9	E -3.1	E -3.9	-4.0	-3.7	-3.0	-3.0
14	-1.2	-2.1	-1.2	-2.3	-3.6	E -3.9	E -3.1	E -3.9	-4.0	-3.7	-3.2	-3.1
15	-1.5	1.7	-1.6	-2.5	-3.6	E -3.9	E -3.0	-4.0	-4.0	-3.8	-3.2	-3.1
16	-1.7	0.1	-2.0	-2.7	-3.7	E -3.9	E -3.0	E -3.9	-4.0	-3.7	-2.2	-3.1
17	-1.6	0.1	-2.3	-2.8	-3.7	E -3.9	E -2.9	E -3.9	-2.2	-3.7	-3.0	-3.2
18	-1.5	-0.2	-2.4	2.3	-3.7	E -3.9	E -2.9	E -3.9	-3.1	-3.8	-2.9	-3.2
19	6.5	1.4	-2.5	0.7	-3.7	E -3.9	E -2.8	E -3.9	-3.4	-3.3	4.3	-3.3
20	5.3	0.0	-2.6	0.7	-3.7	E -3.9	E -2.8	E -3.8	-3.6	-3.5	8.0	-3.3
21	4.2	-0.3	-2.7	0.0	-3.7	E -3.9	-2.7	E -3.8	-3.6	-3.5	2.7	3.3
22	2.3	-0.9	-2.8	-0.6	-3.6	E -3.9	E -2.6	E -3.8	-3.7	-3.6	3.9	-0.5
23	1.3	-1.4	-2.9	-1.1	-3.3	E -3.9	E -2.6	E -3.8	-3.7	-3.6	3.1	1.2
24	0.7	-1.8	-2.9	-1.5	-3.5	E -3.9	E -2.5	E -3.8	-3.1	-3.2	2.0	6.0
25	0.4	-2.1	-2.2	-2.0	-3.6	E -3.9	E -2.5	E -3.8	-3.6	-3.4	1.0	1.4
26	-0.3	-2.3	-1.7	-2.3	-3.6	E -3.9	E -2.4	E -3.9	-3.7	-3.6	2.4	1.7
27	-1.1	-2.4	-2.0	-2.5	-3.6	-3.9	-2.4	E -3.9	-3.7	-3.6	5.1	1.7
28	-1.4	-2.5	-2.5	-2.7	-3.6	E -3.9	E -2.6	E -4.0	-3.8	-0.7	3.6	9.4
29	-1.7	-2.6	-2.7	-2.8	-3.6	E -3.8	E -2.9	-4.0	-3.8	-2.1	2.6	3.9
30	-2.1		-2.6	-2.8	-3.6	E -3.8	E -3.2	E -4.0	-3.8	-2.1	2.3	3.7
31	-2.2		0.0		-3.7		E -3.5	E -4.0		-2.6		3.0

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

MEAN	0.13	-0.74	-2.01	-1.37	-3.43	-3.85	-3.05	-3.86	-3.70	-3.01	-0.56	-0.39
MAX.	6.5	3.4	0.0	2.3	-2.9	-3.7	-2.4	-3.7	-2.2	0.9	8.0	9.4
MIN.	-2.2	-2.6	-2.9	-2.8	-3.7	-3.9	-3.7	-4.0	-4.0	-3.8	-3.6	-3.3

E- ESTIMATED.

HIGHEST STAGE WAS 10.45 ON JAN. 19.

LOWEST OBSERVED STAGE WAS -4.00 ON AUG. 29.

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.

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DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-2.6	-2.9	5.8	-2.1	-3.0	-2.6	-3.0	-3.8	-4.0	-4.0	-3.7	-0.3
2	-2.8	-1.1	6.7	-2.3	-3.1	-2.8	-2.7	-3.8	-4.0	-4.0	-3.8	-0.7
3	-2.9	-0.8	5.5	-2.5	-3.0	-3.0	-3.3	-3.8	-4.0	-4.0	-3.9	-1.6
4	-2.9	-1.4	4.5	-2.6	-3.1	-3.1	-3.0	-3.8	-4.0	-4.0	-3.9	-2.1
5	-3.0	-2.2	3.0	-2.6	-3.1	-3.2	-3.4	-3.8	-4.0	-4.0	-3.9	-2.4
6	-3.0	-2.5	1.8	-2.7	-3.2	-3.3	-3.4	-3.7	-4.0	-4.0	-3.9	-2.8
7	-3.0	-2.7	0.3	-2.8	-3.2	-3.3	-3.5	-3.8	-4.0	-4.0	-4.0	-2.9
8	-3.1	-2.8	-1.0	-2.9	-3.2	-3.4	-3.5	-3.8	-3.4	-4.0	-4.0	-3.0
9	-3.2	-2.9	-1.4	-2.9	-3.2	-3.5	-2.8	-3.8	-3.8	-4.0	-2.8	-3.1
10	-3.0	-3.0	-1.6	-2.9	-3.2	-3.5	-3.4	-3.8	-3.8	-4.0	-0.7	-3.2
11	-3.0	-3.2	-2.1	-3.0	-3.3	-3.6	-3.5	-3.6	-3.8	-4.0	-2.1	-3.2
12	-3.1	-3.3	-2.3	-1.9	-3.3	-3.6	-3.5	-3.6	-3.8	-4.0	-2.5	-3.3
13	-3.2	-3.3	-2.4	-2.6	-3.3	-3.3	-3.6	-3.8	-3.1	-4.0	-3.0	-3.1
14	-3.2	-3.2	-2.4	7.3	-3.3	-3.5	-3.7	-3.8	-3.7	-4.0	-3.2	-2.5
15	-3.2	-3.3	-2.5	4.0	-3.2	-3.4	-3.7	-3.8	-3.8	-4.0	-3.2	0.1
16	-3.2	-1.9	-2.6	0.8	-3.3	-3.4	-3.7	-3.8	-3.8	-4.0	-3.0	-2.9
17	-3.2	-2.0	-2.6	0.2	-3.3	-3.5	-3.8	-3.8	-3.8	-4.0	1.3	-3.1
18	-3.2	-2.3	4.4	0.3	-3.1	-3.5	-3.8	-3.9	-3.8	-4.0	-0.9	-3.3
19	-2.9	-2.5	0.8	0.2	-3.1	-3.5	-3.8	-3.6	-3.8	-4.0	-1.4	-3.3
20	-2.9	-2.5	1.0	-0.6	-3.3	-3.1	-3.8	-3.2	-3.8	-4.0	-2.5	-2.9
21	-3.0	-2.3	0.1	-1.5	-3.3	-3.1	-3.8	-3.7	-3.8	-4.0	-2.8	-3.2
22	-3.0	-2.3	-1.0	-2.0	-3.4	-2.0	-3.8	-3.9	-3.8	-4.0	-3.0	-3.2
23	-3.0	-0.2	-1.5	-2.4	-3.4	-3.0	-3.8	-3.9	-3.8	-4.0	-3.0	-3.3
24	-3.0	-0.6	-1.4	-2.6	-3.2	0.3	-3.7	-3.9	E -3.8	-4.0	-1.0	-0.4
25	-2.5	-1.0	-2.0	-2.7	2.2	-2.0	-3.0	-3.9	E -3.9	-4.0	-1.3	12.0
26	-1.9	-1.4	-2.3	-2.8	-0.3	-2.4	-3.2	-3.9	E -3.9	-3.0	-2.0	9.2
27	-2.1	2.8	-2.5	-2.9	-0.9	-2.0	-3.6	-3.9	E -3.9	-3.0	-1.9	9.3
28	-2.4	4.9	-2.6	-3.0	-0.9	-2.3	-3.7	-3.9	E -4.0	-3.2	1.1	9.8
29	-2.6		-2.6	-3.0	-1.7	-3.0	-3.8	-3.9	-4.0	-3.5	-0.1	7.1
30	-2.7		-2.5	-3.0	-1.8	-3.1	-3.8	-3.9	-4.0	-3.6	-0.1	5.0
31	-2.8		-2.0		-2.4		-3.8	-4.0		-3.7		3.8

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

MEAN	-2.88	-1.78	-0.22	-1.57	-2.67	-2.96	-3.52	-3.79	-3.83	-3.86	-2.30	-0.12
MAX.	-1.9	4.9	6.7	7.3	2.2	0.3	-2.7	-3.2	-3.1	-3.0	1.3	12.0
MIN.	-3.2	-3.3	-2.6	-3.0	-3.4	-3.6	-3.8	-4.0	-4.0	-4.0	-4.0	-3.3

E- ESTIMATED.

HIGHEST STAGE WAS 12.40 ON DEC. 25.

LOWEST STAGE WAS -4.00 ON AUG. 31 AND SUBSEQUENT DAYS.

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.C.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-3.2	-3.4	-3.2	-3.2	-3.5	-3.0	-3.8	-3.9	-3.9	-3.8	-3.4	-1.6
2	-3.2	-3.4	-3.3	-3.2	-3.5	-3.0	-3.7	-3.9	-3.9	-3.8	-3.5	-1.9
3	-3.2	-3.4	-3.3	-3.2	-3.5	-3.2	-3.8	-3.9	-3.9	-3.8	-3.6	-2.4
4	-3.2	-2.6	-3.3	-3.2	-3.5	-3.2	-3.9	-3.9	-3.9	-3.8	-3.6	-2.6
5	-3.2	-3.2	-3.3	1.5	-3.5	-1.4	-4.0	-3.9	-3.9	-3.8	-3.0	-2.7
6	-3.2	-2.0	-3.4	-1.8	-3.5	-0.1	-4.0	-3.9	-3.9	-3.8	-3.5	-2.9
7	-3.3	-3.0	-3.4	-2.3	-3.5	0.4	-4.0	-3.9	-3.9	-3.8	-3.5	-2.9
8	-3.3	-3.0	-3.4	-2.1	-3.5	1.0	-4.0	-3.7	-3.9	-3.8	7.9	-1.8
9	-3.3	-3.0	-3.4	-2.8	-3.6	1.9	-4.1	-3.9	-3.9	-3.8	1.6	2.2
10	-3.4	-2.8	-3.4	-2.9	-3.3	1.5	-4.0	-3.8	-3.9	-3.8	1.8	6.1
11	-3.4	-2.9	-3.4	-2.9	-2.4	1.4	-3.8	-3.8	-3.9	-3.8	3.1	E 6.4
12	-3.4	-2.9	-2.8	E -3.1	-3.2	1.2	E -3.8	-3.9	-3.5	-3.8	2.1	E 5.2
13	-3.4	-3.0	-2.0	E -3.1	-3.3	0.8	E -3.8	-3.9	-3.9	-3.8	1.8	E 3.9
14	-3.4	-2.6	-2.3	E -3.2	-3.4	0.3	E -3.8	-3.9	-3.9	-3.8	0.9	E 2.7
15	-3.4	-0.8	-2.5	E -3.3	-3.4	-1.0	-3.8	-3.9	-3.9	-3.8	0.3	E 1.5
16	-3.4	-1.0	-2.8	E -3.3	-3.4	-2.0	-3.8	-3.9	-3.9	-3.8	-0.7	A
17	-3.4	-1.7	-2.8	E -3.4	-3.4	-2.2	-3.8	-3.9	-3.9	-3.8	-1.8	A
18	-3.4	-2.3	-2.8	E -3.5	-3.2	-2.8	-3.8	-3.8	-3.9	-3.8	-2.2	A
19	-3.2	-2.2	-2.6	-3.5	-3.4	-3.0	-3.8	-3.8	-3.9	-3.8	-2.6	A
20	-3.2	-2.3	-1.1	-2.7	-3.4	-3.0	-3.9	-3.9	-3.9	-3.8	-2.2	A
21	-3.2	-2.6	-0.9	-3.4	-3.4	-3.0	-3.9	-3.9	-3.9	-3.8	-2.7	A
22	-3.2	-2.8	-1.4	-3.4	-3.4	-3.0	-3.9	-3.9	-3.8	-3.8	-2.7	A
23	-3.2	-2.9	-1.9	-3.4	-3.4	-3.0	-3.9	-3.9	-3.8	-3.8	-2.9	A
24	-3.2	-3.0	-2.2	-3.5	-3.4	-3.0	-3.9	-3.9	-3.6	-1.5	-2.9	A
25	-3.3	-3.1	-2.5	-3.5	-3.3	-3.0	-3.9	-3.9	-3.6	-1.3	-2.8	A
26	-3.3	-3.1	-2.8	-3.5	-2.0	-3.0	-3.9	-3.9	-3.7	-2.2	-0.9	A
27	-3.3	-3.2	-3.0	-3.5	-3.0	-3.0	-2.6	-3.9	-3.8	-2.6	-1.5	A
28	-3.4	-3.2	-3.1	-3.5	-3.3	-3.3	-3.7	-3.9	-3.8	-3.0	-1.6	A
29	-3.4		-3.1	-3.5	-2.8	-3.7	-3.8	-3.9	-3.8	-3.1	-1.5	-2.8
30	-3.4		-3.2	-3.5	-3.2	-3.8	-3.8	-3.9	-3.8	-3.2	-1.5	-2.1
31	-3.4		-3.2		-2.9		-3.9	-3.9		-3.3		-2.4

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

MEAN	-3.31	-2.69	-2.77	-2.99	-3.27	-1.69	-3.82	-3.87	-3.84	-3.49	-1.18	
MAX.	-3.2	-0.8	-0.9	1.5	-2.0	1.9	-2.6	-3.7	-3.5	-1.3	7.9	
MIN.	-3.4	-3.4	-3.4	-3.5	-3.6	-3.8	-4.1	-3.9	-3.9	-3.8	-3.6	

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 8.30 ON NOV. 8.

LOWEST STAGE WAS -4.09 ON JUL. 9.

DAILY STAGES FOR 1985

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	-0.9	-1.0	0.2	-0.7	-1.1	-3.0	-1.6	-2.8	-3.3	-1.7	-2.0	0.3
2	-1.6	-1.2	-0.4	-1.3	-0.8	-3.1	-2.5	-2.9	-3.4	-2.0	-2.3	-0.5
3	-1.9	-1.2	-0.3	-1.9	-1.3	-3.2	-2.9	-3.1	-3.5	-2.4	-2.6	-0.8
4	-2.0	-1.2	0.4	-2.2	-1.7	-3.3	-3.1	-3.3	-3.6	-2.9	-3.0	-1.3
5	-2.0	-1.2	1.1	-2.3	-1.8	-3.4	-3.2	-3.4	-3.6	-3.2	-3.1	-1.6
6	-1.9	-1.3	1.6	-2.2	-1.6	-3.4	-2.1	-2.5	-3.6	-3.3	-3.2	-1.6
7	-1.7	-0.8	2.0	-2.4	-1.4	-3.5	-1.7	-3.2	-3.6	-3.4	-3.3	-1.5
8	-1.2	-1.4	2.3	-2.5	-1.5	-3.5	-1.1	-3.4	-3.4	-3.5	-3.3	-1.5
9	-1.8	-1.8	2.5	-2.6	-1.6	-3.5	-2.2	-3.4	-3.2	-3.6	-3.4	-1.5
10	-1.1	-1.9	2.6	-2.5	-1.4	-3.4	-2.9	-3.5	E -2.9	-3.6	-3.4	-1.6
11	-1.4	2.1	2.8	-2.5	-1.7	-2.7	-2.6	-3.2	E -3.4	-3.6	-3.4	-1.1
12	-1.8	0.6	2.8	-2.5	-1.7	-3.2	-2.8	-3.4	E -3.6	-3.7	-3.4	-1.0
13	-2.1	1.1	2.7	-2.7	-1.6	-3.3	-2.9	-3.4	E -3.6	-3.7	-3.5	-1.5
14	-2.4	0.6	2.0	-2.9	-1.7	-3.4	-3.0	-3.5	E -3.6	-3.7	-3.5	-1.6
15	-2.4	0.3	1.6	-3.0	-2.1	-3.4	-3.0	-3.6	E -3.7	-3.5	-3.5	-2.2
16	-2.5	-0.4	1.1	-2.7	-2.4	-3.4	-3.0	-3.4	E -3.7	-3.4	-2.8	-2.4
17	-1.3	-1.1	0.6	-2.9	-2.6	-3.5	-3.0	-2.3	-3.7	-3.4	-3.2	E -2.6
18	-1.6	-1.8	0.1	-2.9	-3.0	-1.4	-3.1	-2.7	-3.7	-3.4	-1.5	E -2.9
19	-1.8	-1.7	-0.4	-2.9	-3.1	-1.3	-3.1	-2.7	-3.7	-3.2	-2.6	E -3.0
20	-2.2	-2.0	-0.9	-2.9	-3.2	-1.1	-3.1	-2.9	-3.7	-3.1	-2.8	E -3.1
21	-2.2	-2.2	-1.0	-2.9	-3.2	-1.3	-3.0	-3.0	-3.7	-2.8	-2.9	E -3.1
22	-2.2	-2.4	0.0	-3.0	1.6	-1.6	-3.0	-2.9	-3.7	-2.7	-2.9	E -3.2
23	-2.2	-2.5	-1.3	0.5	-1.9	-1.6	-3.5	-3.0	-3.7	-3.1	-2.9	E -3.2
24	-2.7	4.9	-2.0	7.1	-1.8	-1.7	-3.6	-3.1	-3.8	-3.0	-2.9	E -3.2
25	-2.7	1.3	-2.5	0.7	-2.0	-2.2	-3.6	-1.8	-3.7	-2.6	-2.8	E -3.2
26	-2.8	2.1	-2.6	0.5	-2.4	-2.0	-3.5	-2.2	-3.6	-2.5	-2.4	E -3.3
27	-2.8	1.6	-2.5	-0.4	-2.7	-2.7	-1.1	-2.4	-3.6	-2.8	0.9	E -3.3
28	-2.2	1.0	-2.5	-0.5	-3.0	-2.6	-2.4	-2.5	-3.7	-3.0	0.2	E -3.3
29	-2.0		-2.4	-1.1	-2.9	-2.2	-2.8	-2.9	-3.7	-3.1	-0.3	E -3.3
30	-2.2		-2.5	-1.4	-2.6	-1.8	-2.8	-3.0	-2.6	-3.2	-0.7	E -3.3
31	1.0		4.4		-2.8		-2.8	-3.1		-1.6		E -3.3

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

MEAN	-1.88	-0.41	0.31	-1.63	-1.97	-2.65	-2.73	-2.98	-3.53	-3.05	-2.54	-2.21
MAX.	1.0	4.9	4.4	7.1	1.6	-1.1	-1.1	-1.8	-2.6	-1.6	0.9	0.3
MIN.	-2.8	-2.5	-2.6	-3.0	-3.2	-3.5	-3.6	-3.6	-3.8	-3.7	-3.5	-3.3

E- ESTIMATED.

HIGHEST STAGE WAS 8.52 ON APR. 24.

LOWEST STAGE WAS -3.75 ON SEP. 23 AND SUBSEQUENT DAYS.

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	0.2	-2.3	-2.2	0.3 E	5.3	-1.9	-3.0	-3.1	-2.0	-3.5	-2.4	-2.0
2	0.2	-2.5	-2.3	0.6 E	7.4	-1.9	-3.0	-3.1	-2.7	-3.5	-1.4	-2.1
3	0.2	-1.6	-2.4	4.0 E	9.5	-2.1	-3.0	-3.2	-2.7	-3.5	-1.3	-2.2
4	0.2	-2.0	-2.5	1.9 E	11.7	-2.2	-3.0	-3.0	-1.8	-3.5	-1.3	-2.3
5	0.2	-2.1	6.3	1.6 E	10.1	-2.3	-3.1	-3.1	-2.6	-3.5	-1.4	-2.5
6	-1.1	-2.4	1.9	1.5 E	7.9	-2.4	-3.1	-1.7	-2.7	-3.4	-1.9	-2.1
7	-2.0	-2.6	1.7	1.7 E	5.8	-1.5	-3.1	-2.7	-2.9	-2.1	-2.3	-2.4
8	-2.1	-2.6	0.7	1.8 E	5.4	-2.4	-3.1	-3.0	-3.1	-2.4	-2.5	-2.5
9	-2.2	-2.6	0.2	2.3 E	5.4	-2.5	-3.1	-3.1	-3.1	-2.0	-2.7	-2.6
10	-1.7	-2.6	-0.8	2.4 E	5.5	-2.6	-3.1	-3.0	-3.0	-1.8	3.9	-2.7
11	-1.9	-2.7	-1.5	2.4 E	5.8	-2.6	-3.1	-2.7	-3.1	-1.2	-1.3	-2.8
12	-1.9	-2.8	-1.8	2.4 E	6.1	-2.7	1.4	-2.8	-2.9	-1.3	-1.1	-2.8
13	-2.1	0.0	-1.6	2.3 E	6.3	-2.7	-2.9	-2.9	-2.9	-1.7	-1.8	-2.8
14	-2.2	-1.3	-1.7	2.3 E	6.6	-2.7	-3.0	-3.1	-3.0	-2.0	-2.1	-2.9
15	-2.2	-1.7	-1.8	2.2	7.0	-2.7	-3.0	-3.1	-3.1	-2.4	-1.8	-2.9
16	-2.3	-1.8	-2.1	2.1	7.4	-2.7	-2.7	-3.2	-3.2	-2.8	-1.5	-2.9
17	-2.4	-1.9	1.0	1.9	7.6	-2.7	-3.0	-3.1	-3.2	-2.6	-2.1	-3.0
18	-2.5	-2.0	0.2	1.7	7.7	-2.7	-2.7	-3.2	-3.3	-2.6	-1.0	-3.0
19	-2.6	-0.5	0.8	1.4	7.8	-2.8	-3.0	-3.2	-3.3	-1.0	1.8	-3.0
20	-2.7	-2.1	0.8	0.8	7.7	-2.8	-3.1	-2.9	-3.3	-2.6	0.8	3.1
21	-2.8	-2.4	0.6	-0.1	7.7	-2.9	-3.1	-3.2	-3.4	0.2	1.2	1.8
22	-2.8	-2.5	0.2	1.6	7.5	-2.9	-3.1	-3.1	-3.4	0.	0.7	3.1
23	-2.9	-2.6	-0.4	3.1	7.3	-2.8	-3.2	-2.5	-3.4	1.3	0.4	1.7
24	0.9	-2.6	-1.1	2.7	6.6	-1.4	-3.2	-3.1	-3.4	1.0	-0.4	1.3
25	-0.1	-2.7	-1.3	1.5	5.9	-2.4	-3.2	-3.2	-3.4	1.6	-1.4	0.3
26	-0.2	-2.8	-1.7	0.4	4.9	-2.8	-3.2	-3.2	-3.4	1.2	-2.0	-1.1
27	-0.6	-1.5	-1.9	-0.5	3.8	-2.9	-2.1	-3.3	-3.4	0.8	-0.4	-1.8
28	-1.2	-1.4	2.2	1.0	2.6	-2.9	-2.7	-3.3	-3.5	0.2	-1.2	-2.1
29	-1.6	-1.7	-0.2	0.5	1.2	-3.0	-3.0	-3.3	-3.5	-0.8	-1.1	-2.4
30	-1.9		-0.2	3.9	-0.4	-3.0	-3.1	-1.6	-3.5	-1.5	-1.5	-2.4
31	-2.2		-0.0		-1.4		-3.1	-1.2		-1.9		-2.4

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

MEAN	-1.49	-2.07	-0.36	1.73	6.12	-2.53	-2.86	-2.92	-3.07	-1.53	-0.97	-1.62
MAX.	0.9	0.0	6.3	4.0	11.7	-1.4	1.4	-1.2	-1.8	1.6	3.9	3.1
MIN.	-2.9	-2.8	-2.5	-0.5	-1.4	-3.0	-3.2	-3.3	-3.5	-3.5	-2.7	-3.0

E- ESTIMATED.

HIGHEST STAGE WAS 11.92 OBSERVED ON MAY 4.

LOWEST STAGE WAS -3.50 ON OCT. 2 THRU 5.

DAILY STAGES FOR 1983

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 E	5.3	-0.9	-2.3	-2.6	1.4	7.4	-1.0	-3.3	-3.5	-3.5	-3.5	-0.6
2 E	3.8	1.9	-2.3	-0.9	1.1	7.1	-1.7	-3.3	-3.5	-3.5	-3.5	-0.8
3	2.3	0.8	-2.4	-0.0	1.6	6.8	-1.4	-3.3	-3.5	-3.5	-3.5	5.6
4 E	1.9	0.0	-2.4	-1.4	2.3	6.3	-1.2	-3.3	-3.5	-3.6	-3.1	3.6
5 E	1.5	0.5	3.5	5.8	3.2	5.6	-1.7	-3.3	-3.5	-3.6	-3.4	4.3
6 E	1.1	0.6	5.0	3.7	4.0	4.9	-2.2	-3.3	-3.5	-3.6	-3.4	5.3
7 E	0.6	0.1	4.5	3.8	4.4	3.6	-2.4	-3.3	-3.5	-3.6	-3.4	5.1
8 E	0.2	-0.2	2.3	6.7	5.5	2.7	-2.7	-3.3	-3.5	-3.6	-3.4	3.2
9 E	-0.2	-0.7	1.3	3.9	6.3	0.9	-2.7	-3.3	-3.5	-3.6	-3.4	1.8
10 E	-0.6	-0.5	0.5	2.7	7.0	-1.0	-2.8	-3.3	-3.5	-3.6	-3.4	0.8
11 E	-0.7	1.0	-0.5	1.8	7.4	-2.1	-2.9	-3.3	-3.5	-3.6	-3.4	1.2
12 E	-0.9	1.3	-1.2	1.3	8.0	-2.2	-2.9	-3.3	-3.5	-3.6	-3.4	-0.5
13 E	-1.0	1.4	-1.8	1.2	8.1	-2.4	-3.0	-3.4	-3.6	-3.6	-3.4	-1.0
14 E	-1.1	1.6	-2.0	6.6	8.1	-2.6	-3.0	-3.4	-3.5	-3.7	-3.4	-1.1
15 E	-1.3	1.0	-2.2	3.3	11.1	-1.1	-3.1	-3.4	-3.5	-3.6	-3.0	-1.1
16 E	-1.4	0.4	-2.3	4.0	8.5	-2.5	-3.1	-3.4	-3.6	-3.7	-3.4	-1.2
17 E	-1.5	-0.7	-1.9	4.4	8.2	-2.6	-3.1	-3.4	-3.6	-3.6	-3.3	-1.3
18 E	-1.6	-1.5	-2.3	4.9	7.8	-2.6	-2.8	-3.4	-3.5	-2.8	-3.4	-1.6
19 E	-1.8	-1.8	-2.3	5.0	10.1	-2.2	-3.1	-3.4	-3.5	-3.3	-3.4	-1.7
20	-1.9	-1.9	-2.4	5.1	10.3	-2.2	-2.9	-3.5	-3.5	-3.3	0.4	-1.9
21	-0.9	-2.0	-2.4	5.0	9.5	-2.3	-3.0	-3.5	-3.5	-3.3	-2.4	-2.0
22	1.3	-2.1	-2.3	4.6	12.9	-2.3	-3.1	-3.5	-3.5	-2.6	-2.7	3.3
23	2.1	-1.9	-2.4	5.1	10.2	-2.3	-3.1	-3.5	-3.5	-3.2	7.7	0.1
24	1.9	-2.0	-2.4	4.9	8.5	-2.3	-3.1	-3.5	-3.5	-3.1	-0.5	I 0.2
25	1.1	-2.0	-2.4	4.6	8.0	-2.6	-3.1	-3.5	-3.5	-3.2	-0.8	I 0.2
26	0.4	-2.2	-2.5	4.1	8.0	-2.6	-3.2	-3.5	-3.5	-3.3	-1.1	I 0.2
27	-0.2	-2.3	-2.4	3.8	7.8	-2.6	-3.2	-3.5	-3.5	-3.3	-0.9	I 0.2
28	-1.0	-2.3	-2.5	3.2	7.9	-2.6	-3.2	-3.5	-3.5	-3.3	-0.2	I 0.2
29	-0.6		-2.6	2.5	7.9	-2.7	-3.2	-3.5	-3.5	-3.4	-0.7	I 0.2
30	-0.9		-2.6	1.8	7.8	-2.3	-3.3	-3.5	-3.5	-3.4	-0.6	I 0.2
31	-1.4		-2.7		7.6		-3.3	-3.5		-3.4		I 0.2

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

MEAN	0.15	-0.51	-1.24	3.30	7.10	-0.09	-2.73	-3.40	-3.51	-3.42	-2.19	0.69
MAX.	5.3	1.9	5.0	6.7	12.9	7.4	-1.0	-3.3	-3.5	-2.6	7.7	5.6
MIN.	-1.9	-2.3	-2.7	-2.6	1.1	-2.7	-3.3	-3.5	-3.6	-3.7	-3.5	-2.0

E- ESTIMATED.

I-ICE

HIGHEST STAGE WAS 13.03 ON MAY 19.

LOWEST STAGE WAS -3.83 ON OCT. 14.

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	-3.1	-1.1	-1.5	0.4	E -1.2	-2.5	-3.3	-2.4	-3.7	-3.7	-3.6	-0.3
2	-3.1	-1.5	-1.6	0.7	E -1.6	-1.9	-2.5	-3.1	-3.6	-3.7	-3.6	0.0
3	1.1	-1.5	-1.7	1.3	E -1.9	-1.8	-2.7	-3.4	-3.7	-3.7	-3.6	0.2
4	0.4	-1.9	-1.9	0.5	-2.2	-1.9	-2.1	-3.5	-3.7	-3.8	-3.6	10.6
5	-0.8	-2.2	-2.3	0.5	-2.3	-1.5	-3.1	-3.5	-3.7	-3.8	-3.6	8.8
6	-1.0	-2.2	-2.3	0.5	-2.4	-1.4	-3.2	-3.6	-3.7	-3.8	-3.6	7.2
7	-1.6	-2.4	-2.4	-1.5	-2.1	-1.4	-3.3	-3.5	-3.7	-1.9	-3.7	5.2
8	-1.8	-2.5	-2.6	-1.3	-2.4	-2.2	-3.3	-3.6	-3.7	-3.4	-3.7	3.6
9	-1.8	6.2	-2.7	-0.3	-2.5	-2.6	-2.4	-3.6	-3.7	-3.2	-3.6	2.3
10	-1.9	2.1	-2.8	-0.4	-2.6	-2.7	-2.4	-3.6	-3.7	-3.1	-3.6	1.4
11	E -2.2	4.2	-2.8	-0.9	-2.6	-2.9	-2.8	-3.5	-3.7	-3.4	-3.6	1.6
12	E -2.3	3.7	-2.8	-0.9	-2.7	-2.9	-3.1	-3.5	-3.7	-3.4	-3.4	1.2
13	E -2.4	2.3	-2.9	-1.6	-2.7	-2.6	-3.2	-3.5	-3.6	-3.4	-3.6	1.2
14	E -2.6	1.3	-1.4	-2.0	-2.8	-3.1	-3.3	-1.3	-3.7	-3.4	-3.6	1.0
15	E -2.7	0.7	1.9	-2.3	-2.5	-3.1	-3.4	-2.7	-3.7	-3.4	-3.6	4.1
16	E -2.8	-0.6	1.7	-1.5	-2.8	1.7	-3.4	-2.9	-3.6	-3.4	-3.6	2.2
17	E -3.0	-1.4	1.3	10.1	-2.8	-2.3	-3.4	-2.7	-3.2	-3.5	-3.6	3.2
18	E -3.1	-2.0	1.2	5.6	-2.9	-2.5	-3.5	-3.0	-3.4	-3.5	-3.6	3.6
19	-2.7	-2.2	0.6	7.4	-2.9	-2.9	-3.5	-3.1	-3.5	-3.5	-3.5	2.5
20	-2.5	-2.3	-0.1	6.3	-2.8	-3.0	-3.4	-3.2	-3.5	-3.5	-2.8	1.5
21	1.1	-2.4	1.9	4.4	-2.9	-3.1	-3.5	-3.3	-3.6	-3.6	-3.2	0.8
22	-0.7	-2.5	-0.2	2.5	-2.9	-3.1	-3.5	-3.4	-3.6	-3.6	-3.3	-0.2
23	4.2	-2.6	-0.4	1.5	-2.7	-3.2	-3.4	-3.5	-3.7	-3.6	1.7	-1.0
24	0.2	-2.6	-0.7	E 0.8	-2.7	-3.1	-3.5	-3.5	-3.7	-3.6	-0.8	-1.4
25	0.3	-2.7	-0.8	E 0.5	-0.8	-3.1	-3.6	-3.5	-3.7	-3.7	-1.7	1.6
26	0.0	-2.6	-0.7	E 0.3	-1.0	-2.8	-3.4	-3.5	-3.7	-3.7	-2.2	6.0
27	-0.2	-1.5	-0.4	E 0.1	-1.0	-3.1	-3.6	-3.5	-3.7	-3.7	-2.6	8.1
28	-0.6	-1.5	-0.0	E -0.1	-1.1	-3.1	-3.6	-3.5	-3.7	-3.7	2.4	11.2
29	-1.5		0.3	E -0.5	-1.3	-3.1	-3.6	-3.6	-3.7	-3.7	-0.7	E 11.6
30	-2.0		0.4	E -0.8	-1.9	-3.3	-3.6	-3.6	-3.7	-3.5	-0.5	E 11.2
31	1.8		0.6		-2.3		-3.2	-3.6		-3.7		E 8.9

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

MEAN	-1.20	-0.78	-0.80	0.97	-2.23	-2.48	-3.22	-3.27	-3.65	-3.50	-2.74	3.81
MAX.	4.2	6.2	1.9	10.1	-0.8	1.7	-2.1	-1.3	-3.2	-1.9	2.4	11.6
MIN.	-3.1	-2.7	-2.9	-2.3	-2.9	-3.3	-3.6	-3.6	-3.7	-3.8	-3.7	-1.4

E- ESTIMATED.

HIGHEST STAGE WAS 11.61 ON DEC. 28 AND 29.

LOWEST STAGE WAS -3.76 ON OCT. 4, 5, AND 6.

DAILY STAGES FOR 1981

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.

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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	-2.6	-1.0	-2.0	0.9	-2.6	E -0.9	-2.9	-3.2	-1.2	-3.0	E -3.2	-1.8
2	-2.7	-0.1	-2.3	0.1	-2.8	0.4	-2.9	-3.3	-0.5	-3.0	E -3.2	-1.9
3	-2.7	-1.0	-2.4	-0.0	-2.8	-0.1	-2.9	-3.3	-0.4	-3.0	E -3.3	-1.9
4	-2.7	-1.6	-0.8	0.1	-2.9	-0.1	-2.9	-2.9	0.2	-3.0	E -3.3	-2.1
5	-2.7	-1.9	1.1	0.3	-2.9	-0.1	-1.1	-3.1	0.0	-3.0	-3.3	-2.3
6	-2.7	-1.9	0.3	-0.8	-3.0	6.1	-2.9	-3.3	E -0.9	-3.0	-3.3	-2.4
7	-2.3	-1.8	-0.3	-1.7	-3.0	3.8	-2.8	-1.9	E -1.1	-3.0	-3.4	-2.5
8	-2.4	-1.9	-1.2	-2.1	-3.0	3.2	-2.8	-3.0	E -1.3	-3.0	-3.4	-2.7
9	-2.4	-2.1	-1.6	-1.1	-3.0	1.9	-2.6	-3.2	E -1.5	E -3.1	-3.4	-2.8
10	-2.5	-2.1	-1.8	-1.3	-2.4	1.3	-2.6	-3.4	E -1.7	E -3.2	-3.4	-2.9
11	-2.5	-1.0	-2.1	-1.5	-2.9	0.4	-2.6	-3.4	E -1.9	E -3.3	-3.4	-3.0
12	-2.5	-1.3	-2.3	-1.7	-3.0	E -0.7	-2.8	-3.4	E -2.1	E -3.4	-3.4	-3.0
13	-2.6	-1.4	-2.4	-1.9	-3.0	E -1.3	-2.9	-3.4	E -2.3	E -3.5	-3.4	-3.0
14	-2.6	-1.4	-2.5	-2.0	-2.1	E -1.8	-2.9	-3.4	E -2.4	-3.5	-3.4	-3.0
15	-2.6	-1.5	-2.6	-2.2	-2.8	E -2.3	-2.9	-3.4	E -2.6	-3.5	-3.4	-3.0
16	-2.6	-1.5	-2.6	-2.3	-2.9	-2.6	-2.9	-3.5	E -2.8	-3.5	-3.4	-3.0
17	-2.6	-1.1	-2.6	-2.4	-1.5	-2.7	-2.9	-3.5	-2.9	-3.5	-3.4	-3.0
18	-2.7	-1.8	-2.5	-2.5	-1.9	-2.8	-3.0	-3.4	-2.9	-0.1	-3.4	-3.0
19	-2.7	-2.0	-2.5	-2.6	-2.4	-2.9	-3.0	-3.4	-2.9	E -1.1	-3.4	-3.0
20	-2.7	-2.2	-2.6	-2.4	-2.5	-2.9	-3.0	-3.4	-2.9	E -2.1	-3.4	-3.0
21	-2.4	-2.3	-2.6	-2.5	-2.6	-2.9	0.1	-3.4	-2.9	E -3.0	-3.4	-2.9
22	-2.5	-2.3	-2.2	-2.3	-2.6	-2.9	E -0.8	-3.4	-2.9	-3.1	-3.4	-2.5
23	-2.5	-2.4	-1.9	-1.4	-2.5	-2.9	E -1.3	-3.4	-2.9	-2.8	-3.4	-2.4
24	-2.5	-2.4	-2.2	-2.3	-2.6	-3.0	E -1.6	-3.4	-2.9	-2.9	-3.0	-2.3
25	-2.5	-2.5	-2.4	-2.4	-2.8	-3.1	E -2.1	-3.4	-2.9	-3.0	-3.2	-2.5
26	-2.5	-2.6	-2.4	-2.4	3.8	-3.1	E -2.5	-3.4	-3.0	-2.0	-3.2	-2.7
27	-2.6	-2.6	-2.4	-2.5	E 2.8	-3.0	E -2.9	-3.4	-3.0	-2.9	-3.2	-2.8
28	-2.6	-2.6	-2.5	-2.4	E 2.1	-3.1	-3.1	-3.3	-3.0	E -3.0	-3.1	-2.9
29	-2.6		-2.5	-2.1	E 1.3	-3.2	-3.1	-1.5	-3.0	E -3.0	-2.9	-2.9
30	-2.6		4.7	-2.6	E 0.6	-3.2	-3.2	-2.9	-3.0	E -3.1	-2.1	-3.0
31	-2.6		0.7		E -0.2		-3.2	-2.9		E -3.1		-3.0

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

MEAN	-2.57	-1.79	-1.65	-1.66	-1.80	-1.15	-2.55	-3.21	-2.11	-2.90	-3.26	-2.67
MAX.	-2.3	-0.1	4.7	0.9	3.8	6.1	0.1	-1.5	0.2	-0.1	-2.1	-1.8
MIN.	-2.7	-2.6	-2.6	-2.6	-3.0	-3.2	-3.2	-3.5	-3.0	-3.5	-3.4	-3.0

E- ESTIMATED.

HIGHEST STAGE WAS 6.09 ON JUN. 6.

LOWEST STAGE WAS -3.52 ON OCT. 13 AND 14.

DAILY STAGES FOR 1980

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.

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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	-1.0	-1.6	-2.5 E	2.4	-0.8	-1.9	-1.4	-2.5	-2.7	-2.4	-2.5 E	-1.4
2	-1.6	-1.8	-2.5 E	2.2	-0.9	-1.9	-1.7	-2.5	-2.7	-2.5	-2.4 E	-1.6
3	E -1.7	-1.9	-2.5 E	2.0	-1.1	-1.9	-2.0	-2.5	-2.6	-2.5	-2.4 E	-1.7
4	E -1.7	-1.9	-2.5 E	1.9	-1.2	-2.0	-2.0	-2.5	-2.4	-2.5	-2.5 E	-1.9
5	E -1.7	-2.0	-2.4 E	1.7	-1.3	-2.0	-2.0	-2.5	-2.5	-2.6	-2.6 E	-2.0
6	E -1.7	-1.9	-2.4 E	1.5	-1.4	-2.1	-2.1	-2.5	-2.6	-2.6	-2.6 E	-2.2
7	E -1.7	-2.0	-2.4 E	1.4	-1.5	-2.1	-2.3	-2.6	-2.6	-2.7	-2.7 E	-2.3
8	-1.7	-2.1	-0.8	6.1	-0.5	-2.1	-2.4	-2.6	-2.6	-2.7	-2.8 E	-2.5
9	-1.7	-0.7	-0.4 E	7.3	-1.1	-2.1	-2.4	-2.6	-2.6	-2.8	-2.8	1.9
10	-1.7	-0.9	-0.1 E	7.5	-1.2	-2.1	-2.5	-2.6	-2.6	-2.8	-2.8	-1.8
11	-1.1	-1.1	0.1 E	7.7	-1.5	-2.1	-2.5	-2.6	-2.7	-2.8	-2.8	-2.1
12	-1.6	-1.5	1.1 E	7.9	-1.5	-2.2	-2.5	-2.6	-2.7	-2.9	-2.8	-2.2
13	-1.4	-1.7	1.4 E	8.2	0.2	-2.3	-2.5	-2.6	-2.8	-2.9	-2.8	-2.3
14	-1.4	-1.8	0.4 E	8.4	-1.1	-2.3	-2.5	-2.6	-2.8	-2.9	-2.4	-2.4
15	-1.3	-1.8	-0.9 E	8.6	-1.3	-2.3	-2.6	-2.6	-2.8	-2.9	-0.6	-2.4
16	-1.4	-1.6	-1.6 E	7.8	-0.2	-2.3	-2.6	-2.5	-2.8	-2.9	-0.6	-2.5
17	1.4	-1.9	8.1 E	6.6	-0.7	-2.3	-2.6	-2.5	-2.1	-2.9	0.9	-2.5
18	-0.7	-2.0	10.9 E	5.5	-1.0	-2.3	-2.6	-2.5	-2.8	-2.3	-0.1	-2.5
19	-0.8	-2.1 E	11.4 E	4.4	-1.4	-2.3	-2.6	-2.6	-2.8	-2.6	-0.3	-2.6
20	-1.3	-2.1 E	12.0 E	3.3	-1.5	-2.2	-2.6	-2.6	-2.8	-2.6 E	-0.5	-2.6
21	-2.0	-2.1 E	12.5 E	2.2	-1.5	-2.2	-2.3	-2.7	-2.8	-2.7 E	-0.7	-2.6
22	-2.1	-2.1 E	11.9 E	1.0	-1.3	-2.3	4.5	-2.7	-2.7	-2.7 E	-1.0	-2.6
23	-1.0	-2.1 E	11.3 E	-0.1	1.3	-2.3	-0.1	-2.7	-1.1	-2.5 E	-1.2	-2.6
24	-0.6	-2.1 E	10.6	-0.5	0.4	1.1	-0.9	-2.7 E	-0.1	-2.5 E	-1.4	-2.6
25	-1.0	-2.2	7.7	0.1	-0.6	-1.8	-1.6	-2.8 E	-1.2	-2.6	-1.8	-2.6
26	-1.3	-2.3	4.5	0.5	-1.1	-2.0	-2.0	-2.8 E	-2.3	-2.6	-2.1	-2.6
27	-1.4	-2.4 E	3.9	0.9	-1.4	-2.1	-2.1	-2.8	-2.7	-2.6	-0.4	-2.6
28	-1.5	-2.4 E	3.6	0.7	-1.6	-2.1	-2.3	-2.8	-2.0 E	-0.6 E	-0.9	-2.6
29	-1.7	-2.5 E	3.3	0.1	-1.7	-2.2	-2.3	-2.7	-1.9 E	-1.2 E	-1.1	-2.6
30	-1.9		E 2.9	-0.5	-1.8	-2.2	-2.4	-2.8	-2.4 E	-1.8 E	-1.3	-2.6
31	-1.4		E 2.6		-1.8		-2.4	-2.7		E -2.3		-2.6

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

MEAN	-1.34	-1.88	3.20	3.57	-1.02	-2.02	-1.94	-2.61	-2.40	-2.49	-1.66	-2.19
MAX.	1.4	-0.7	12.5	8.6	1.3	1.1	4.5	-2.5	-0.1	-0.6	0.9	1.9
MIN.	-2.1	-2.5	-2.5	-0.5	-1.8	-2.3	-2.6	-2.8	-2.8	-2.9	-2.8	-2.6

E- ESTIMATED.

HIGHEST STAGE WAS 12.54(E) ON MAR. 21.

LOWEST STAGE WAS -2.89 ON OCT. 16.

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.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.
DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 217.22 FEET, N.G.V.D. QF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.0	-1.3	2.8	0.8 E	4.3	-0.7	-0.1	-2.0	-1.3	-1.9	-2.1	2.6
2	3.5	-1.5	1.7	10.2 E	3.1	-0.9	-1.2	-2.0	2.4	-2.1	-2.4	1.7
3	3.9	-1.5	2.2	5.3 E	3.1	6.9	-1.6	-2.1	1.2	-2.1	-2.3	0.8
4	4.4	-1.6	5.6	7.0	11.1	4.7	-1.8	-0.7	0.5	-2.2	-2.1	-0.4
5	E 4.4	-1.6	4.9	7.8	9.6	2.4	-1.9	-0.8	-0.5	-2.3	-1.9	-0.9
6	E 3.6	-1.7	5.1 E	6.6	7.7	1.5	-2.1	-1.8	-0.8	-2.3	-1.9	-1.1
7	E 2.9	-1.2	3.8 E	5.4	6.6	1.5	-2.1	-1.9	-1.0	-2.4	-2.1	-1.3
8	E 2.1	-0.9	3.7 E	5.3	5.0	1.0	-2.1	-1.9	-1.1	-2.4	-2.2	-1.4
9	E 1.4	-0.8	4.2 E	5.7	3.5	0.1	-2.0	-1.9	-1.1	-2.4	-2.1	-1.5
10	E 0.6	-1.1	5.3 E	5.8	2.6	0.1	-1.9	-2.1	-1.4	-2.4	-1.1	-1.6
11	E 0.5	-1.3	6.1 E	6.1	1.6	0.1	-1.6	-1.7	-1.8	-2.5	-1.9	-1.6
12	E 0.4	-0.3	6.7 E	10.3	2.4	0.1	-0.9	-2.1	-2.1	-2.5	-2.0	-1.7
13	E 0.3	-0.6	7.0 E	9.5	1.1	0.1	-1.2	-2.0	-2.2	-2.5	-2.1	6.3
14	E 0.2	-1.0	7.0 E	8.5	0.9	0.1	-1.3	-2.3	-2.2	-2.5	-2.1	1.8
15	E 0.1	-1.3	6.8 E	7.5	0.7	0.1	-1.3	-2.4	-1.9	-2.6	-2.1	2.5
16	E 0.0	-1.5	6.6 E	7.2	0.5	0.1	-1.5	-2.5	-1.8	-2.6	-2.1	1.9
17	E -0.1	-1.7	6.4 E	7.3	0.	0.1	-1.5	-2.5	-1.4	-2.6	-2.2	1.7
18	-0.6	-1.8	6.1 E	7.6	-0.4	0.1	-1.6	-2.6	-0.9	-2.6	-2.3	1.4
19	-0.3	-1.8	5.9 E	8.0	-0.6	0.1	-1.8	-2.6	-0.3	-2.6	-2.4	0.7
20	6.5	-1.8	5.7 E	8.4	-0.9	0.1	-2.0	-2.7	0.2	-2.7	-2.5	-0.1
21	4.2	-0.5	5.4 E	8.7	-1.0	0.1	-1.9	-2.7	3.0	-2.7	-2.5	-1.1
22	3.3	-0.4	5.1 E	8.8	-0.6	0.1	-2.1	-2.4	0.5	-2.7	-0.7	-1.4
23	3.0	5.7	5.6 E	9.7	4.0	0.1	-2.2	-1.9	0.6	-2.5	5.6	-1.4
24	4.8	3.8	4.6 E	8.9	1.9	0.1	-2.1	-2.1	0.6	-2.6	2.0	4.3
25	3.1	7.3	4.3 E	8.5	0.9	-0.6	-2.2	0.2	1.6	-2.6	4.1	1.0
26	2.1	6.0	3.5 E	8.0	-0.2	-0.1	-2.1	-2.0	1.2	-2.6	6.5	0.9
27	1.2	4.4	3.1 E	7.4	-0.5	-0.2	-1.8	-2.1	0.7	-2.6	7.1	0.3
28	0.5	3.2	2.5 E	6.8	-0.1	0.0	-2.1	-1.8	0.2	-2.6	5.9	0.3
29	-0.2		1.9 E	6.1	2.7	0.2	-2.0	-1.0	-1.0	-2.4	4.8	0.2
30	-0.8		1.0 E	5.3	0.0	0.4	-2.1	-0.8	-1.6	-2.5	3.7	-0.2
31	-1.1		1.2		-0.3		-2.0	-0.7		-2.5		-0.8

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

MEAN	1.90	0.13	4.57	7.28	2.22	0.58	-1.73	-1.86	-0.39	-2.46	-0.18	0.38
MAX.	6.5	7.3	7.0	10.3	11.1	6.9	-0.1	0.2	3.0	-1.9	7.1	6.3
MIN.	-1.1	-1.8	1.0	0.8	-1.0	-0.9	-2.2	-2.7	-2.2	-2.7	-2.5	-1.7

E- ESTIMATED.

HIGHEST STAGE WAS 11.25 ON APR 23.

LOWEST STAGE WAS -2.72 ON AUG 21.

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 1902 DUE TO CHANNEL ENLARGEMENT AND REALIGNMENT OPERATIONS.

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EXTREMES. HIGHEST, 23.72 FEET, FROM WATERMARK, ON JAN. 20, 1935. LOWEST, MINUS 5.93 FEET ON OCT. 15, 1903. 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.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 217.22 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-2.1	A	A	A	-1.8	-1.8	-2.3	-2.8	-2.8	-3.0	-3.0	A
2	-2.1	A	A	A	-2.3	-1.4	-2.4	-2.8	-2.8	-3.0	-3.0	A
3	-2.1	A	A	A	-2.3	-1.9	-2.4	-2.8	-2.9	-3.0	-3.0	A
4	-2.2	A	A	A	-1.5	-2.0	-2.5	-2.8	-2.9	-3.0	-3.0	A
5	A	A	A	A	-1.8	-2.0	-2.5	-1.7	-2.9	-3.0	-3.0	A
6	A	A	A	A	-2.1	-2.1	-2.6	-2.4	-2.9	-3.0	-3.0	A
7	A	A	A	A	6.8	-1.9	-2.6	-2.6	-2.9	-3.0	-2.8	A
8	A	A	A	A	8.2	-2.1	-2.5	-2.6	-2.9	-3.1	-3.0	A
9	A	-1.8	A	A	8.3	-1.4	-2.6	-2.6	-2.9	-3.1	-3.0	A
10	A	A	A	A	9.1	-1.3	-2.3	-2.6	-3.0	-3.1	-3.0	A
11	A	A	A	A	7.5	-1.7	-2.4	-2.4	-3.0	-3.1	-3.0	A
12	A	A	A	A	5.3	-1.8	-2.5	-2.5	-3.0	-3.0	-3.0	A
13	0.3	A	A	A	3.8	-1.8	-2.5	-2.6	-3.0	-2.9	-3.0	A
14	A	A	A	A	2.3	-1.8	-2.5	-2.7	-2.9	-2.9	-2.9	A
15	A	-1.8	A	A	1.4	-1.9	-2.4	-2.7	-1.7	-2.9	-2.9	A
16	A	A	A	A	0.7	-2.1	-2.5	-2.8	-2.3	-2.9	-2.7	A
17	A	A	A	A	0.1	-2.2	-2.5	-2.8	-2.5	-2.9	1.4	A
18	A	A	A	A	0.0	-2.2	-2.5	-2.8	-2.7	-2.9	2.2	A
19	A	A	A	A	-0.3	-1.6	-2.6	-2.8	-2.8	-3.0	-2.2	1.5
20	A	A	A	A	-0.6	-2.2	-2.6	-2.8	-2.8	-3.0	-2.3	A
21	A	A	A	A	-0.2	-1.4	-2.6	-2.9	-2.9	-3.0	-2.3	A
22	A	A	A	A	-0.9	-1.6	-2.7	-3.0	-2.9	-3.0	-2.3	A
23	A	A	A	A	-1.3	-1.0	-2.7	-2.8	-3.0	-3.0	-2.6	A
24	7.7	A	A	A	-1.5	-2.0	-2.7	-2.8	-3.0	-3.0	-2.2	A
25	A	A	A	A	-1.6	-1.6	-2.6	-2.8	-3.0	-3.0	-2.2	A
26	A	A	A	A	-1.7	-1.8	-2.8	-2.8	-3.0	-2.9	-2.4	A
27	A	A	A	A	-1.8	-2.0	-2.6	-2.9	-3.0	-3.0	-2.7	A
28	A	A	1.4	A	-1.8	-2.2	-2.6	-2.9	-3.0	-3.0	-2.2	A
29	A	A	A	A	-1.9	-2.2	-2.8	-3.0	-3.0	-3.0	A	A
30	A	A	A	A	-1.8	-2.2	-2.8	-1.0	-3.1	-3.0	A	A
31	A	A	A	A	-1.7	-2.2	-2.8	-2.7	-3.0	-3.0	A	A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	0.79	-1.84	-2.57	-2.65	-2.85	-2.99
MAX.	9.1	-1.0	-2.3	-1.0	-1.7	-2.9
MIN.	-2.3	-2.2	-2.8	-3.0	-3.1	-3.1

YEARLY RECORD INCOMPLETE

DAILY STAGES FOR 1977

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.

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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, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	-1.9	A	A	-2.0	-2.9	-2.5	-2.6	-3.2	6.8	-2.4	5.0
2	A	A	-1.2	A	-2.1	-2.9	-2.6	-2.7	-3.2	3.6	-2.4	6.7
3	A	A	A	A	-2.3	-2.9	-2.7	-2.8	-3.2	2.3	-2.3	6.4
4	A	A	A	4.0	-2.2	-2.9	-2.7	-2.9	-3.2	1.3	-2.4	5.1
5	A	A	A	A	-0.4	-2.9	-2.8	-2.9	-3.2	0.3	-2.4	6.8
6	A	A	A	A	-0.1	-2.9	-2.9	-2.9	-3.2	-0.8	-2.3	2.6
7	A	A	A	A	-1.3	-2.9	-3.0	-3.0	-3.2	-1.4	-2.2	1.3
8	A	A	A	A	-2.0	-2.9	-3.0	-3.0	-3.2	-1.7	-2.2	0.4
9	A	A	A	A	-2.2	-3.0	-3.1	-3.0	-3.2	-1.7	-2.3	-0.2
10	A	A	A	A	-2.3	-3.0	-3.1	-3.1	-3.1	-1.7	-2.2	-0.7
11	A	A	A	A	-2.4	-3.0	-2.3	-3.1	-3.0	-1.7	-2.3	-1.0
12	A	A	A	-1.4	-2.5	-3.0	-2.7	-3.1	-3.0	-1.7	-2.3	-1.2
13	A	A	A	A	-2.6	-3.1	-2.7	-3.1	-3.1	-1.9	-2.3	-1.3
14	5.3	A	0.5	A	-2.6	-3.0	-2.6	-3.1	-3.1	-2.0	-2.4	1.5
15	A	-1.9	A	A	-2.7	-2.6	-2.6	-2.5	-2.0	-1.9	-2.4	-0.2
16	A	A	A	A	-2.7	-1.8	-2.7	-2.6	-2.4	-1.8	-1.1	-0.5
17	A	A	A	A	-2.8	-1.4	-2.7	-2.2	-2.4	-1.9	0.3	-0.6
18	A	A	A	-2.3	-2.8	-1.7	-2.7	-2.4	-2.6	-2.0	-0.8	-0.6
19	A	A	A	-2.3	-2.8	-2.2	-2.8	-2.4	-2.7	-2.1	-1.0	-0.8
20	A	A	A	-1.7	-2.8	-2.2	-2.9	-2.7	-2.6	-2.2	-1.4	-1.0
21	A	A	-1.4	-2.1	-2.8	-2.5	-2.7	-2.9	-2.5	-2.3	3.5	-1.2
22	A	-2.2	A	-2.3	-2.9	-2.6	-2.6	-3.0	-2.4	-2.4	0.6	-1.5
23	A	A	A	-2.3	-2.9	-2.7	-2.9	-3.0	-2.3	-2.4	0.8	-1.6
24	A	A	A	3.2	-2.9	-2.8	-2.9	-3.0	-2.4	-2.5	0.8	-1.8
25	-1.4	A	A	-1.5	-2.9	-2.9	-2.9	-3.1	1.4	-2.5	0.7	-1.8
26	A	A	A	-1.9	-2.8	-2.9	-2.8	-3.1	1.5	-1.2	0.3	-1.9
27	A	A	A	-2.0	-2.8	-2.9	-2.7	-3.1	1.5	-2.3	-0.1	-2.0
28	A	A	-1.5	-1.8	-2.7	-2.1	-2.3	-3.1	4.3	-2.4	0.2	-2.1
29	A	A	A	-1.7	-2.8	-2.2	-2.1	-3.1	2.6	-2.3	0.7	-2.1
30	A	A	A	-1.8	-2.9	-2.2	-2.3	-3.2	4.5	-2.3	4.0	-2.1
31	A	A	A	A	-2.9	A	-2.5	-3.1	A	-2.3	A	-2.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-2.42	-2.63	-2.70	-2.90	-1.76	-1.20	-0.91	0.24
MAX.	-0.1	-1.4	-2.1	-2.2	4.5	6.8	4.0	6.8
MIN.	-2.9	-3.1	-3.1	-3.2	-3.2	-2.5	-2.4	-2.1

A- NO RECORD

HIGHEST STAGE WAS 8.60 AT 600 P.M., SEP. 25.

LOWEST STAGE WAS MINUS 3.20 FROM SEP. 5 TO SEP. 7.

DAILY STAGES FOR 1976

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, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	-1.0	A	A	A	A	-0.7	-1.4	-2.3	-2.2	A
2	A	A	A	A	A	A	A	-2.2	-1.6	-2.4	-2.1	A
3	A	A	A	A	A	-1.2	A	-2.2	-1.7	-2.0	-2.1	A
4	A	A	A	A	A	A	A	-2.3	-1.9	-2.3	-2.2	A
5	A	0.1	A	A	A	A	A	-2.4	-2.0	-2.4	-2.2	A
6	A	A	A	-0.8	-0.7	A	A	-2.4	-2.0	-2.4	-2.2	A
7	1.4	A	A	A	A	0.9	A	-2.4	-2.1	-2.4	0.1	-1.7
8	A	A	2.3	A	A	A	A	-2.4	-2.1	-2.5	-1.2	A
9	A	A	A	A	A	A	A	-2.4	-2.2	-2.5	-1.0	A
10	A	A	A	A	A	A	A	-2.4	-2.1	-2.5	-1.2	A
11	A	A	A	A	A	A	A	-2.4	-2.1	-2.4	-1.4	A
12	A	A	A	A	A	A	-2.4	-2.4	-2.1	-2.3	A	A
13	A	A	A	A	A	A	A	-2.4	-2.2	-2.3	A	-1.8
14	A	A	A	A	A	-2.2	A	-2.5	-2.2	-2.1	A	A
15	A	A	A	-1.6	A	A	A	-2.6	-2.3	-0.7	A	A
16	-0.8	A	0.4	A	A	A	A	-2.5	-2.3	3.5	A	A
17	A	-1.2	A	A	0.0	A	A	-2.5	-2.3	0.3	A	A
18	A	A	A	A	A	A	A	-2.2	-1.5	0.7	A	A
19	-1.2	A	A	A	A	A	-2.2	-1.7	-2.2	0.7	A	A
20	A	A	A	A	A	A	A	-1.4	-2.2	0.2	A	-2.2
21	A	A	A	A	A	A	A	-1.7	-2.3	0.1	A	A
22	A	A	A	A	A	A	A	-1.8	-2.3	-0.5	A	A
23	A	3.3	A	A	A	A	A	-1.1	-2.3	-0.7	-2.2	-2.1
24	A	A	A	A	-1.4	A	A	-0.5	-2.3	-1.0	A	-2.2
25	A	A	A	A	A	A	A	-1.9	-2.3	-1.4	A	-1.9
26	A	1.7	0.4	A	A	A	A	3.8	-1.9	-1.7	A	-1.8
27	A	A	A	-0.1	A	A	A	2.0	-2.3	-1.8	A	-1.9
28	-0.1	A	A	A	A	-1.5	A	1.4	-2.3	-1.9	A	-1.8
29	A	A	3.8	A	A	A	A	1.7	-2.2	-2.0	-1.1	-1.9
30	A	A	A	A	A	A	A	-0.2	-2.2	-2.0	A	-1.9
31	A	A	A	A	A	A	A	-1.2	-2.2	-2.1	A	-1.8

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MEAN	-1.42	-2.10	-1.39
MAX.	3.8	-1.4	3.5
MIN.	-2.6	-2.3	-2.5

A-- NO RECORD

YEARLY RECORD INCOMPLETE FOR HIGHEST AND LOWEST STAGES.

DAILY STAGES FOR 1975

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.

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DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 217.22 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	2.6	8.3	2.0	0.3	-1.4	-1.5	-1.9	-1.9	A	A
2	A	A	1.5	8.3	2.0	0.1	-1.4	-1.6	-1.9	-2.0	A	A
3	A	A	0.5	8.8	3.8	-0.1	-1.2	-1.6	-1.9	-1.9	A	-1.2
4	A		0.1	9.0	3.4	-0.2	-1.4	-1.3	-1.9	-2.0	A	-0.1
5	A	5.4	-0.1	9.2	3.1	-0.3	-1.5	-1.3	-1.8	-2.0	A	-0.7
6	A	5.5	-0.2	9.3	2.6	-0.4	-1.5	-1.1	-1.8	-2.0	A	-0.6
7	A	5.0	-0.3	9.4	1.8	-0.6	-1.5	-0.8	-1.8	-2.0	1.0	-0.4
8	A	3.5	-0.5	9.5	1.0	-0.8	A	-1.1	-1.8	-2.0	1.0	-0.5
9	A	2.7	-0.6	9.4	3.8	-0.9	A	-1.3	-1.7	-2.0	1.6	-0.9
10	A	2.0	-0.3	9.1	A	-0.9	-1.3	-1.4	-1.3	-2.0	1.8	-1.1
11	A	1.2	0.7	8.9	A	-1.0	-0.8	-1.4	-0.9	-2.0	1.1	-1.3
12	A	0.8	8.0	8.3	A	-1.0	-1.3	-1.4	-1.0	-2.0	0.4	-1.5
13	A	1.1	13.9	7.5	A	-1.0	-1.5	-1.5	-0.7	-2.0	-0.3	-1.5
14	A	1.0	14.2	6.5	A	-1.0	-2.0	-1.7	-0.9	-2.1	-1.0	-1.6
15	A	0.6	16.5	5.3	A	-0.8	-1.6	-1.7	-1.1	-2.0	-1.1	-1.6
16	A	1.5	14.8	3.9	A	-0.9	-1.6	-1.6	-1.2	-1.9	-1.3	A
17	A	1.8	9.4	2.2	A	-0.9	-1.6	-1.6	-1.3	-2.0	-1.5	A
18	A	2.0	6.0	0.6	A	-1.0	-1.6	-1.5	-1.4	A	-1.7	A
19	A	2.0	4.7	0.4	A	-1.1	-1.7	-1.5	-1.5	A	0.8	A
20	A	1.5	3.7	0.2	A	-1.2	-1.6	-1.4	-0.7	A	2.5	A
21	A	1.1	3.7	0.3	A	-1.3	-1.6	-1.6	-1.7	A	2.4	A
22	A	0.0	4.1	0.0	A	-1.3	-1.4	-1.6	-1.7	A	A	A
23	A	5.6	4.6	-0.1	A	-1.3	-1.1	-1.7	-1.7	A	A	A
24	A	3.1	5.3	-0.2	A	-1.4	1.0	-1.8	-1.8	A	A	A
25	A	7.5	5.3	-0.2	A	-1.4	-1.0	-1.8	-1.8	A	A	A
26	A	7.4	5.6	0.0	A	-1.4	-0.5	-1.8	-1.9	A	A	A
27	A	5.9	5.6	1.2	A	-1.5	-1.0	-1.9	-1.8	A	A	A
28	A	4.4	8.4	1.2	A	-1.3	-1.2	-1.9	-1.8	A	A	A
29	A		9.4	1.1	A	-1.5	-1.4	-2.0	-1.9	A	A	A
30	A		8.0	2.3	10.1	-1.5	-1.4	-1.9	-2.0	A	2.1	A
31	A		8.7		-0.3		-1.4	-1.9		A		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	5.26	4.65	-0.92	-1.55	-1.55
MAX.	16.5	9.5	0.3	-0.8	-0.7
MIN.	-0.6	-0.2	-1.5	-2.0	-2.0

A- NO RECORD

YEARLY RECORD INCOMPLETE FOR HIGHEST AND LOWEST STAGES.

DAILY STAGES FOR 1974

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.

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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, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	5.0	0.1	-1.2	-0.8	8.5	E-1.4	-0.6	-0.9	A	-0.2	E-1.2
2	A	5.1	-0.3	-0.1	-0.8	2.3	E-1.5	-0.9	-0.8	A	-0.2	E-1.3
3	A	5.1	-0.5	-1.1	-0.9	2.5	E-1.5	-1.1	E-1.2	A	-0.2	E-1.3
4	A	5.2	-0.7	-1.2	-1.3	2.0	E-1.5	-0.7	E-1.3	A	0.1	E-1.3
5	A	5.2	-0.6	-1.2	-0.3	4.8	E-1.5	-0.9	E-1.4	A	0.1	E-1.3
6	A	5.3	-0.6	-1.4	0.0	2.4	E-1.5	-1.0	E-1.4	A	A	E-1.4
7	A	5.5	-0.7	-1.4	-0.1	9.9	E-1.5	-1.0	E-1.4	A	A	E-1.4
8	A	5.5	-0.7	1.7	-0.1	5.6	E-1.5	-1.1	E-1.4	A	A	E-1.4
9	A	5.5	-0.4	-0.9	0.0	6.8	-1.5	E-1.4	E-1.3	A	A	E-1.4
10	A	5.5	-0.5	-1.0	-0.5	7.8	-1.5	E-1.1	E-1.3	A	A	E-1.4
11	A	5.4	0.3	-1.2	-0.7	4.6	-1.5	-0.5	E-1.3	A	A	E-1.4
12	A	5.4	1.4	7.6	-0.8	4.7	-1.6	-1.1	E-1.3	A	A	E-1.4
13	A	5.4	1.0	2.8	-0.9	3.3	-1.3	-0.6	E-1.3	A	A	E-1.4
14	A	E 5.3	0.4	2.7	-1.1	2.6	-1.2	-0.5	-1.3	A	A	E-1.4
15	A	E 5.0	-0.2	1.1	E-1.0	2.7	-1.2	-0.2	-1.3	A	-1.3	E-1.0
16	A	E 4.6	-0.4	0.0	E-0.5	2.2	-1.2	-0.1	E-1.3	E-1.6	-1.0	E-0.9
17	A	E 4.1	-0.7	-0.4	E 0.0	1.5	-1.2	-0.2	E-1.4	-1.6	-0.7	E-0.8
18	A	E 3.7	-0.8	-0.5	E 0.5	E 0.8	-1.4	-0.1	E-1.5	-1.5	-0.4	-0.5
19	A	E 3.2	-0.8	-0.6	E 1.0	E 0.0	-1.5	-0.1	E-1.6	-1.5	0.0	-0.6
20	A	E 2.6	-0.9	-0.8	1.5	E-0.7	-1.6	-0.1	A	-1.5	0.3	-0.7
21	A	2.5	0.3	-1.0	1.1	E-1.3	-1.6	E-0.4	A	-1.5	-0.4	-0.8
22	A	6.5	0.0	8.9	0.6	E-1.4	-1.7	E-1.2	A	-1.5	-0.4	-0.8
23	A	3.0	0.2	3.0	0.2	E-1.4	-0.4	E-1.3	A	-1.5	-0.4	-0.8
24	A	2.4	-0.1	2.7	-0.1	E-1.4	1.4	E-1.4	A	-1.5	-0.1	0.3
25	A	1.6	-0.4	1.5	0.3	E-1.4	1.4	E-1.3	A	E-1.6	0.5	8.2
26	A	1.4	-0.6	0.5	0.0	E-1.4	E 2.8	E-1.1	A	E-1.4	0.0	6.2
27	A	1.0	-0.7	0.0	0.2	E-1.3	E 4.9	E-0.9	A	E-1.0	-0.2	7.6
28	5.0	0.6	-0.8	-0.2	0.2	E-1.3	E 3.2	E-0.6	A	E-0.7	E-0.2	6.8
29	5.0		-0.9	-0.3	-0.1	E-1.3	2.3	E-0.1	A	E-0.4	E-0.9	6.6
30	5.0		-1.0	-0.6	-0.5	E-1.4	1.3	E 0.6	A	-0.2	E-1.0	5.7
31	5.0		-1.1		-0.9		0.0	-0.4	A	-0.1		4.8

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MEAN	4.15	-0.35	0.58	-0.19	2.02	-0.49	-0.69					0.65
MAX.	6.5	1.4	8.9	1.5	9.9	E 4.9	E 0.6					8.2
MIN.	0.6	-1.1	-1.4	-1.3	E-1.4	-1.7	E-1.4					E-1.4

A- NO RECORD
E- ESTIMATED
YEARLY RECORD INCOMPLETE FOR HIGHEST AND LOWEST STAGES.

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.

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DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 217.22 FEET, M.S.L. (1929)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.2	3.2	-1.4	8.8	7.7	3.0	-1.4	-1.7	-2.0	-1.9	-2.0	A
2	1.1	1.7	-1.1	8.8	10.5	2.0	-1.4	-1.7	-2.0	-2.0	-2.0	A
3	1.0	1.4	-0.5	8.9	9.1	-0.2	-1.4	-1.8	-2.0	-2.0	-2.0	A
4	2.9	1.1	-0.5	9.1	8.8	-0.5	-1.3	-1.8	-2.0	-2.0	-2.0	A
5	1.7	0.8	-0.5	9.1	8.9	-0.6	-1.2	-1.9	-1.9	-1.9	-1.4	A
6	1.5	0.6	-0.5	9.1	9.0	-0.7	-1.3	-1.9	-0.7	-2.0	-1.8	A
7	1.0	0.2	4.3	9.1	9.0	-0.7	-1.4	-1.9	-1.4	-2.0	-1.9	A
8	0.8	8.1	2.0	9.0	9.9	-0.8	-1.5	-1.9	-1.7	-1.3	-1.4	A
9	0.7	2.7	3.7	9.0	9.7	-0.8	-1.5	-1.9	-1.7	-1.8	-1.8	A
10	0.3	4.5	3.7	8.7	9.5	-0.9	-1.6	-2.0	-1.8	-1.8	-1.9	A
11	-0.2	3.7	6.9	8.3	9.2	-0.9	-1.6	-1.9	-1.8	-1.8	-1.9	A
12	-0.6	3.0	4.9	8.0	9.0	-0.9	-1.5	-1.9	-1.8	-1.8	-1.9	A
13	-0.7	2.4	4.2	7.7	8.7	-1.0	-1.6	-1.4	-1.8	-1.6	-1.9	A
14	-0.7	4.2	3.1	7.4	8.3	-0.9	-1.6	3.5	-1.8	-1.6	-1.9	A
15	-0.7	2.5	3.2	7.2	7.8	-0.9	-1.5	-1.0	-1.9	-1.7	-1.8	A
16	-0.7	2.2	6.0	6.9	7.4	-0.8	-1.3	-1.6	-2.0	-1.7	-1.8	A
17	-0.7	1.9	6.3	6.5	6.8	-0.6	-0.9	-1.7	-2.0	-1.8	-1.9	A
18	-0.7	2.0	8.0	6.6	6.3	-0.5	-1.1	-1.7	-2.0	-1.9	-1.9	A
19	0.3	1.8	8.5	6.0	5.8	-0.7	0.3	-1.7	-2.0	-2.0	-1.3	A
20	-0.6	0.9	6.3	12.2	5.4	-0.9	-1.0	-1.7	-2.0	-2.0	-1.8	A
21	3.7	-0.1	4.7	12.7	4.8	-1.1	-1.3	-1.8	-1.8	-2.0	-1.5	A
22	4.8	-0.8	4.7	13.2	4.1	-1.2	-1.3	-1.8	-1.9	-2.0	-0.5	A
23	7.4	-0.9	5.5	13.7	3.4	-1.3	-1.5	-1.9	-1.9	-2.1	-1.1	A
24	7.8	-1.0	6.5	12.5	2.5	-1.4	-1.6	-1.9	-2.0	-2.0	-1.1	A
25	7.0	-1.1	7.4	12.4	1.4	-1.4	1.6	-2.0	-2.0	-2.0	-0.5	A
26	5.2	-1.2	7.9	11.3	0.8	-1.5	0.3	-2.0	-2.0	-2.0	-1.0	A
27	3.6	-1.4	8.0	9.3	4.4	-1.5	-1.0	-2.0	-2.0	-2.0	6.0	A
28	3.0	-1.5	8.2	8.3	2.3	-1.5	-1.5	-2.0	-2.0	-2.1	4.5	A
29	2.8		8.4	7.9	2.9	-1.5	-1.6	-2.0	-2.0	-2.1	9.7	A
30	2.3		8.5	7.8	3.6	-1.5	-1.6	-2.1	-2.0	-2.0	9.1	A
31	1.9		8.8		4.2		-1.0	-2.0		-1.9		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	1.81	1.45	4.68	9.17	6.48	-0.74	-1.17	-1.65	-1.86	-1.90	-0.42	
MAX.	7.8	8.1	8.8	13.7	10.5	3.0	1.6	3.5	-0.7	-1.3	9.7	
MIN.	-0.7	-1.5	-1.4	6.0	0.8	-1.5	-1.6	-2.1	-2.0	-2.1	-2.0	

A- NO RECORD

HIGHEST STAGE WAS 14.10 AT 100 P.M., APR. 23.

LOWEST STAGE WAS MINUS 2.09 AT 900 A.M., OCT. 29.

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. RANKFULL 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, M.S.L. [1929]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-1.1	-1.4	-2.0	-1.4	5.3	-1.6	-2.2	-2.2	-2.5	A	A	0.4
2	2.3	-1.4	-0.7	-1.5	3.0	-1.8	-2.2	-2.1	-2.5	A	A	0.3
3	-0.4	-1.0	-0.8	-1.6	2.3	-2.1	-2.2	-2.0	-2.5	A	A	0.1
4	1.7	-1.0	-0.7	0.9	2.0	-2.2	-2.2	-2.0	-2.4	A	A	-0.3
5	0.9	-1.0	-0.3	-0.4	1.9	-2.3	-2.2	-2.1	-2.4	A	A	-0.5
6	0.4	-1.0	-0.8	-0.5	1.6	-2.4	-2.3	-2.2	-2.5	A	A	4.0
7	0.2	0.6	-0.9	-0.8	1.4	-2.4	-2.3	-1.9	-2.4	A	A	-0.2
8	0.0	-0.3	-1.1	-0.9	1.2	-2.4	-2.3	-2.2	-2.4	A	A	0.2
9	0.7	-0.7	-1.2	-1.0	1.0	-2.4	-2.3	-2.3	-2.4	A	A	8.2
10	0.8	-1.0	-1.5	-1.1	0.7	-2.4	-2.3	-2.3	-2.5	A	A	9.4
11	0.2	-1.1	-1.7	-1.3	0.6	-2.4	-2.4	-2.3	A	A	A	10.3
12	-0.2	-1.2	-1.8	-1.5	0.5	-2.4	-2.4	-2.3	A	A	A	10.9
13	-0.6	-1.4	-1.9	-1.7	0.7	-2.5	-2.5	-2.3	A	A	A	9.5
14	-1.0	-1.6	-2.0	-1.8	0.8	E-2.5	-2.5	-2.2	A	A	A	7.0
15	-1.0	-1.7	-2.0	-2.0	0.5	-2.5	-2.6	-2.0	A	A	1.1	7.5
16	-1.0	-1.9	0.0	-1.2	-0.7	-2.5	-2.6	-1.8	A	A	0.0	5.6
17	-1.0	-2.1	1.8	-1.2	-1.0	-2.5	-2.6	-1.8	A	A	-0.5	5.4
18	-1.0	-2.2	0.3	-1.5	-1.6	-2.5	-2.6	-1.4	A	A	-0.8	4.6
19	-0.9	-2.1	-0.1	-1.3	-1.7	-2.5	-2.6	-1.3	A	A	3.5	3.8
20	-0.9	-2.1	-0.6	-0.6	-1.9	-2.5	-2.7	-1.5	A	A	0.9	3.2
21	-0.9	-2.2	-0.9	-1.1	-1.9	-2.5	-2.7	-2.1	A	A	0.9	2.4
22	-1.0	-2.0	-1.1	-1.6	-2.0	-2.5	-2.7	-2.5	A	A	0.2	1.7
23	-1.1	-2.1	-1.3	-1.3	-2.1	E-2.5	-2.6	-2.2	A	A	-0.3	1.2
24	-1.2	-2.2	-1.5	-1.2	-2.1	-2.5	-2.7	-2.0	A	A	-0.5	0.8
25	-1.3	-2.2	-0.8	-0.9	-2.1	-1.6	-2.7	-2.2	A	A	0.3	0.8
26	-1.5	-1.4	-1.2	-0.5	-2.2	-1.9	-2.7	-2.3	A	A	0.5	0.8
27	-1.5	-1.9	-0.5	0.0	-2.2	-2.1	-2.4	-2.3	A	A	0.3	0.7
28	-1.5	-2.0	-0.9	0.5	-2.3	-2.1	-2.6	-2.4	A	A	0.1	0.5
29	-1.4	-2.0	0.1	4.7	-2.2	-2.2	-2.4	-2.6	A	A	0.3	0.2
30	-1.4		-1.0	2.6	-2.2	-2.2	-2.4	-2.6	A	A	0.4	-0.1
31	-1.4		-1.2		-1.6		-2.3	-2.5		A		2.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-0.52	-1.50	-0.91	-0.71	-0.21	-2.30	-2.46	-2.13				3.24
MAX.	2.3	0.6	1.8	4.7	5.3	-1.6	-2.2	-1.3				10.9
MIN.	-1.5	-2.2	-2.0	-2.0	-2.3	-2.5	-2.7	-2.6				-0.5

A- NO RECORD

E- ESTIMATED

HIGHEST STAGE WAS 11.30 AT 1200 MIDNIGHT, DEC. 12.

LOWEST STAGE WAS MINUS 2.70 FROM JUL. 20 TO 22 AND JUL 24 TO 26.

DAILY STAGES FOR 1971

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, GAGF 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, M.S.L. (1929 ADJ.).

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-1.4	-1.1	1.3	-0.3	-1.2	-2.2	-2.7	-1.8	-2.2	-2.3	-2.7	-2.4
2	-1.5	-1.4	1.2	2.1	-1.3	-2.3	-2.6	-2.0	-2.3	-2.4	-2.7	-2.4
3	-1.5	-1.5	1.5	0.6	-1.4	-2.3	-2.6	-1.9	-2.3	-2.4	-2.7	-2.4
4	-1.8	-1.6	2.1	0.4	-1.6	-2.5	-2.6	-1.2	-2.4	-2.4	-2.7	-2.3
5	0.0	1.2	1.8	0.1	-1.7	-2.5	-2.5	-2.5	-2.5	-2.5	-2.6	-2.3
6	0.1	-0.9	1.9	-0.2	-1.9	-2.4	-2.5	-2.5	-2.5	-2.5	-2.6	-2.2
7	-0.5	-1.1	2.2	-0.6	-2.0	-1.2	-2.5	-2.6	-2.6	-2.5	-2.6	-2.2
8	-1.2	-1.4	2.2	-1.0	-2.1	-1.5	-2.5	-2.7	-2.7	-2.5	-2.6	-2.1
9	-1.4	-1.5	2.1	-1.4	-2.2	0.5	-2.5	-2.4	-2.7	-2.6	-2.6	-2.0
10	-1.5	-1.6	2.2	-1.6	-2.3	-0.7	-2.5	-0.6	-2.7	-2.6	-2.6	-0.4
11	-1.6	-1.7	1.8	-1.7	-2.5	-0.8	-2.6	-1.0	-2.7	-2.6	-2.5	-1.3
12	-1.6	-1.3	1.3	-1.8	-1.8	-0.9	-2.6	-0.2	-2.7	-2.6	-2.5	-1.9
13	-1.8	2.5	0.8	-1.9	3.3	-0.9	-2.6	-0.8	-2.7	-2.6	-2.5	-2.1
14	-1.9	1.1	0.1	-2.0	0.1	-1.0	-2.7	-0.3	-2.7	-2.6	-2.6	-2.1
15	-2.0	1.3	-0.2	-2.1	-0.4	-1.0	-2.7	-0.3	-2.7	-2.6	-2.6	1.5
16	-2.0	0.8	-0.7	-2.2	-0.7	-1.0	-2.8	-0.8	-2.7	-2.6	-2.6	-0.8
17	-2.0	0.4	-1.0	-2.2	-1.0	-1.3	-2.8	-1.4	-2.7	-2.6	-2.6	-1.0
18	-2.0	-0.1	-1.1	-2.3	-1.2	-1.5	-2.8	-2.1	-2.7	-2.6	-2.6	-1.2
19	-2.1	-0.6	-0.9	-2.3	-1.6	-0.9	-2.8	-2.4	-2.7	-2.7	-2.6	-1.3
20	-2.1	1.3	-1.0	-2.4	-1.8	-1.9	-2.8	-2.4	-2.6	-2.7	-2.6	-1.4
21	-2.1	0.4	-1.2	-2.4	-2.1	-2.1	-2.8	-2.5	-2.6	-2.7	-2.5	-1.5
22	-2.1	6.7	-1.4	-2.5	-2.1	-2.2	-2.9	-2.5	-2.6	-2.8	-2.5	-1.7
23	-2.1	5.3	-1.6	4.1	-2.1	-2.3	-2.9	-2.5	-2.6	-2.8	-2.5	-2.0
24	-1.7	7.4	-1.8	1.5	-2.0	-2.4	-2.9	-2.6	-2.5	-2.8	-2.4	-2.0
25	-0.5	6.9	-1.5	1.8	-2.0	-2.4	-2.9	-2.6	-1.8	-2.8	-2.4	-2.0
26	-0.2	5.3	0.2	2.2	-2.0	-2.5	-1.7	-2.6	-1.1	-2.8	-2.4	-2.1
27	0.0	3.3	-0.2	1.9	-1.9	-2.5	-1.2	-2.5	-2.2	-2.8	-2.4	-2.2
28	-0.1	2.0	-0.2	1.2	-1.9	-2.6	-2.3	-2.5	-2.3	-2.7	-2.4	-2.2
29	-0.1		0.0	-0.1	-2.0	-2.6	-0.7	-2.4	-2.3	-2.7	-2.4	-2.3
30	-0.2		-0.2	-1.0	-2.0	-2.7	-1.2	-2.3	-2.3	-2.7	-2.4	-1.0
31	-0.5		-0.2		-2.1		-1.6	-2.3		-2.7	-2.4	-1.1

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MEAN	-1.27	1.07	0.30	-0.54	-1.53	-1.75	-2.45	-1.91	-2.47	-2.62	-2.54	-1.69
MAX.	0.1	7.4	2.2	4.1	3.3	0.5	-0.7	-0.2	-1.1	-2.3	-2.4	1.5
MIN.	-2.1	-1.7	-1.8	-2.5	-2.5	-2.7	-2.9	-2.7	-2.7	-2.8	-2.7	-2.4

HIGHEST STAGE WAS 7.85 AT 200 A.M., FEB. 22.
LOWEST STAGE NOT DETERMINED.

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.

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DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 217.22 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.4	E-2.0	E-1.8	-0.9	3.4	-2.4	-2.5	-2.7	-2.9	-3.0	-2.6	-2.5
2	5.7	2.1	E-1.8	2.8	5.3	-2.0	-2.5	-2.8	-2.9	-3.0	-2.6	-2.5
3	5.1	0.2	-1.2	-0.8	2.7	-1.1	2.6	-2.9	-2.9	-3.0	-2.6	-2.6
4	3.7	0.3	5.3	-0.9	1.5	-0.6	-2.5	-2.4	-2.8	-3.0	-2.6	-2.6
5	2.3	-0.2	5.5	-0.3	0.7	-0.4	-2.6	-2.9	-2.3	-3.0	-2.7	-2.5
6	1.1	-0.7	4.5	0.2	0.6	-0.9	-2.6	-2.6	-2.6	-3.0	-2.7	-2.5
7	-0.3	-1.0	3.6	0.7	1.3	-1.3	-2.7	-2.6	-2.6	-3.0	-2.6	-2.5
8	-0.4	E-1.2	2.9	0.3	1.9	-1.6	-2.1	-2.7	-2.7	-3.0	-2.6	-2.5
9	-0.5	E-1.4	2.1	-0.8	1.3	-1.7	-2.1	-2.6	-2.8	1.3	-2.6	-2.5
10	-0.6	E-1.6	1.0	-1.4	0.8	-1.9	-2.1	-2.7	0.1	-2.2	-2.5	-2.5
11	-0.7	E-1.9	-0.5	-1.7	0.5	-2.0	-2.1	-2.6	-2.1	-2.3	-2.5	-2.5
12	-0.8	E-2.0	-0.7	-1.8	0.2	-2.1	-2.4	-2.7	-2.5	-2.3	-2.5	-2.5
13	E-1.1	E-2.0	-1.0	-1.9	-0.2	-2.3	-2.5	-2.7	-2.7	-0.5	-2.5	-2.5
14	E-1.3	E-2.0	E-1.2	-1.9	-0.5	0.4	-2.6	-2.7	-2.7	0.8	-2.5	-2.5
15	E-1.5	E-1.4	E-1.4	-2.0	-0.8	6.0	-2.7	-2.7	-2.7	-0.2	-2.5	-2.5
16	E-1.5	3.3	E-1.5	-2.0	-1.1	3.9	-2.7	-2.8	-2.8	-1.0	-2.5	-1.2
17	E-1.6	1.4	E-1.6	-0.9	-1.2	5.7	-2.7	-2.8	-2.8	-1.7	-2.5	-1.9
18	E-1.7	2.8	E-1.6	0.4	-1.4	4.1	-2.7	-2.8	-2.9	-2.0	-2.5	-2.1
19	E-1.8	2.5	E-1.3	-0.3	-1.5	2.7	-2.7	-2.8	-2.9	-2.7	-2.5	-2.1
20	E-1.9	1.8	0.1	2.9	-1.7	2.5	-2.2	-2.6	-2.9	-2.5	-1.6	-2.1
21	E-2.0	1.2	-0.1	1.9	-1.9	0.6	-2.8	-2.5	-2.9	-2.6	-2.0	1.4
22	E-2.1	0.4	0.2	2.1	-2.1	-0.8	-2.8	-2.5	-2.9	-2.6	-2.3	-0.2
23	E-2.2	-0.7	-0.1	1.7	-2.1	-1.4	-2.7	-2.5	-2.9	-2.5	-2.3	1.1
24	E-2.2	E-1.2	-0.2	2.9	-2.2	-1.6	-2.7	-2.2	-2.9	-2.6	-2.3	0.0
25	E-2.2	E-1.6	-0.2	1.6	-2.2	-1.5	-2.7	-2.4	-2.9	-2.6	-2.3	-0.1
26	E-2.2	E-1.8	2.3	8.0	-2.2	-2.1	-0.9	-2.4	-2.9	-2.6	-2.3	0.1
27	E-2.1	E-1.9	0.1	6.1	-2.3	-2.2	-2.2	-2.5	-3.0	-2.6	-2.3	0.4
28	E-2.1	E-1.8	-0.1	4.7	-2.4	-2.3	-2.4	-2.8	-3.0	-2.6	-2.4	0.3
29	E-2.0		-0.4	4.3	-2.4	-2.3	-2.2	-2.8	-3.0	-2.6	-2.4	-0.3
30	E-2.0		-0.7	3.3	-1.6	-2.4	-2.4	-2.8	-3.0	-2.6	-2.4	-0.9
31	E-2.0		-0.9		-2.3		-2.7	-2.9		-2.6		-1.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-0.50	-0.37	0.30	0.87	-0.39	-0.37	-2.29	-2.66	-2.69	-2.17	-2.44	-1.50
MAX.	5.7	3.3	5.5	8.0	5.3	6.0	-2.6	-2.2	0.1	1.3	-1.6	1.4
MIN.	E-2.2	E-2.0	E-1.8	-2.0	-2.4	-2.4	-2.8	-2.9	-3.0	-3.0	-2.7	-2.6

E- ESTIMATED

HIGHEST STAGE WAS 9.52 AT 1100 P.M., APR. 25.

LOWEST STAGE WAS MINUS 2.96 AT 1000 A.M., OCT. 2.

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, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.3	4.1	-1.5	-1.8	-1.6	-2.7	-2.9	-3.0	-2.7	-2.9	-2.8	-2.2
2	-0.5	6.4	-1.6	-1.9	-1.7	-2.8	-2.9	-3.0	-2.6	-2.9	-2.8	-2.4
3	-1.3	5.7	-1.8	-2.1	-1.9	-2.8	-2.9	-3.1	-2.7	-2.9	-2.8	-2.5
4	-1.7	6.3	-1.8	-2.1	-2.1	-2.8	-3.0	-3.1	-2.5	-2.9	-2.7	-2.5
5	-1.7	5.3	-1.9	4.5	-2.1	-2.8	-3.0	-3.1	-2.2	-2.9	-2.7	-2.5
6	-1.7	4.5	-1.9	0.9	-2.2	-2.8	-3.0	-2.9	-2.3	-2.9	-2.7	-2.5
7	-1.8	3.8	-1.9	0.4	-2.2	-2.8	-3.0	-2.9	-2.3	-2.9	-2.7	-0.2
8	-1.9	2.5	-2.0	0.0	-2.3	-2.9	-3.0	-3.0	-1.7	-2.9	-2.8	-1.4
9	-1.9	2.0	-2.0	-0.4	-2.1	-2.9	-3.0	-2.9	-2.1	-2.9	-2.8	-1.5
10	-2.0	1.2	-2.0	6.9	-2.2	-2.8	-2.9	-2.9	-2.4	-2.9	-2.8	-1.5
11	-2.0	0.8	-2.1	5.6	-2.2	-2.8	-2.9	-2.9	-2.5	-3.0	-2.8	-1.6
12	-2.1	0.8	-2.1	6.1	-2.3	-2.8	-2.9	-2.9	-2.6	-3.0	-2.7	-1.7
13	-2.1	0.9	-2.1	5.4	-2.3	-2.9	-2.9	-3.0	-2.7	-3.0	-2.7	-1.6
14	-2.2	0.9	-2.2	7.8	-2.3	-2.8	-2.9	-2.9	-2.7	-3.0	-2.6	-1.6
15	-2.2	1.2	-2.2	5.4	-2.4	-2.8	-3.0	-2.9	-2.8	-3.0	-2.6	-1.9
16	-2.3	2.0	-2.3	4.4	-2.4	-2.7	-3.0	-2.9	-2.8	-3.0	-2.6	-2.1
17	-2.3	1.4	-2.3	4.4	-2.4	-2.7	-3.0	-2.5	-2.9	-3.0	-2.6	-2.2
18	-1.4	0.9	-2.3	6.8	-2.5	-2.6	-3.0	-2.8	-2.9	-3.0	-1.7	-2.3
19	1.1	0.3	-2.2	5.7	-2.4	-2.6	-3.0	1.8	-3.0	-3.0	2.1	-2.4
20	0.0	-0.6	-2.2	4.7	-2.3	-2.6	-2.9	-1.3	-3.0	-3.0	-0.9	-2.4
21	-0.3	-0.9	-2.2	4.1	-2.3	-2.7	-3.0	0.9	-3.0	-3.0	-0.5	-1.8
22	-1.0	-1.1	-2.3	3.1	-2.3	-2.7	-3.0	0.1	-3.0	-3.0	-0.2	-1.8
23	-1.2	-0.9	-2.3	1.9	-2.3	-2.8	-2.4	-0.6	-3.0	-3.0	-0.1	-1.9
24	-1.5	-1.2	4.0	0.8	-2.3	-2.4	-3.0	-1.2	-3.0	-3.0	-0.2	-1.9
25	-1.6	-1.3	-0.5	-0.3	-2.4	-2.8	-3.0	-1.5	-2.9	-3.0	-0.3	-1.5
26	-1.9	-1.4	-0.9	-0.6	-2.5	-2.9	-3.0	-1.8	-2.9	-3.0	-0.7	-1.3
27	-1.9	-1.4	-1.2	-0.7	-2.5	-2.9	-3.0	-2.1	-2.8	-3.0	-1.2	-1.5
28	-1.9	-1.5	-1.3	-0.9	-2.6	-2.8	-3.0	-2.3	-2.8	-3.0	-1.7	-1.5
29	-1.6		-1.3	-1.2	-2.6	-2.8	-3.0	-2.3	-2.8	-3.0	-1.8	5.6
30	-1.1		-1.3	-1.4	-2.7	-2.8	-3.0	-2.6	-2.8	-3.0	-2.1	4.0
31	1.3		-1.5		-2.7		-3.0	-2.7		-2.8		5.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-1.37	1.45	-1.65	2.18	-2.29	-2.77	-2.95	-2.20	-2.68	-2.96	-1.85	-1.20
MAX.	1.3	6.4	4.0	7.8	-1.6	-2.4	-2.4	1.8	-1.7	-2.8	2.1	5.6
MIN.	-2.3	-1.5	-2.3	-2.1	-2.7	-2.9	-3.0	-3.1	-3.0	-3.0	-2.8	-2.5

HIGHEST STAGE WAS 8.38 AT 300 A.M., APR. 14.
LOWEST STAGE WAS MINUS 3.07 AT 800 A.M., AUG. 5.

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, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.6	-1.3	-2.2	2.2	-2.0	-2.2	-2.4	-2.7	-2.8	-2.4	-2.5	7.0
2	0.8	4.6	-2.2	0.6	-2.1	-2.3	-2.6	-2.7	-2.8	-2.5	-2.5	6.1
3	0.9	1.2	-2.2	3.0	-2.1	-2.3	-2.7	-2.6	-2.8	-2.5	-2.5	5.5
4	1.0	2.1	-2.3	6.3	-2.2	-2.3	-2.8	-2.7	-2.8	-2.6	-2.5	4.3
5	1.1	2.0	-2.2	3.1	-2.3	-2.3	-2.8	-2.8	-2.8	-2.6	-2.1	2.7
6	1.2	1.3	-2.3	4.8	-2.5	-2.2	-2.8	-2.8	-2.7	2.8	-2.3	1.5
7	1.2	0.3	-2.4	3.4	-2.5	-2.2	-2.8	-2.8	-2.5	-0.2	-2.4	0.4
8	0.8	-0.6	-2.4	6.0	-2.5	-2.1	-2.8	-2.8	-2.6	-0.5	-2.4	-0.5
9	1.0	-1.2	-2.4	3.0	-2.6	-2.1	-2.9	-2.8	-2.6	-0.7	-2.4	-1.0
10	4.8	-1.5	-2.3	3.9	-2.6	-2.2	-2.9	-2.8	-2.7	-0.8	-2.4	-1.2
11	4.3	-1.7	-2.2	2.9	-2.3	-2.3	-2.8	-2.8	-2.7	-0.9	-2.4	-1.2
12	5.7	-1.9	3.9	2.0	-2.5	-2.5	-2.7	-2.8	-2.7	-1.2	-2.4	-1.2
13	5.4	-2.0	1.2	1.2	-1.9	-2.6	-2.7	-2.6	-2.7	-1.4	-2.5	1.4
14	4.8	-2.1	1.8	0.7	3.9	-2.7	-2.7	-2.7	-2.8	-1.8	-2.5	-0.5
15	3.7	-2.1	3.2	0.6	0.3	-2.7	-2.7	-2.4	-2.8	-1.9	-2.5	-0.5
16	2.5	-2.1	3.0	-0.2	3.0	-2.8	-2.8	-2.5	-1.8	-1.4	-2.5	-1.0
17	1.7	-2.1	2.1	-0.6	1.6	-2.8	-2.8	-2.6	-1.6	-0.1	-2.4	-1.3
18	0.8	-2.1	1.1	-1.0	2.1	-2.8	-2.8	-2.6	0.3	0.7	-2.3	-1.6
19	-0.1	-2.1	-0.4	-1.4	1.4	-2.8	-2.8	-2.7	-0.4	0.7	-2.3	-1.8
20	-0.4	-2.2	-1.1	-1.5	1.1	-2.8	-2.1	-2.7	0.2	-0.4	-2.3	-1.9
21	-0.6	-2.2	2.5	-1.7	0.9	-2.8	-2.7	-2.7	0.4	-1.2	-2.3	-1.9
22	-0.8	-2.2	3.1	-1.8	0.4	-2.8	-2.7	-2.7	-0.5	-1.7	-2.3	2.1
23	-0.8	-2.2	4.3	-0.5	-0.5	-2.8	-2.7	-2.7	-1.4	-2.0	-2.3	0.4
24	-0.7	-2.3	4.3	-1.5	-1.2	-2.8	-2.7	-2.7	-1.9	-2.2	-2.0	0.6
25	-1.1	-2.3	4.8	-1.8	-1.6	-2.8	-2.7	-2.7	-2.2	-2.3	-2.3	1.1
26	-1.3	-2.3	4.2	-1.8	-1.8	-2.2	-2.7	-2.7	-2.3	-2.4	-2.3	0.6
27	-1.3	-2.3	3.2	-0.8	-2.1	-2.5	-2.7	-2.7	-2.3	-2.5	-2.2	0.7
28	-1.4	-2.3	2.3	-1.5	-2.2	-2.4	-2.7	-2.8	-2.3	-2.5	5.2	4.6
29	-1.4	-2.2	1.5	-1.6	-2.2	-2.3	-2.7	-2.8	-2.3	-2.5	6.0	1.0
30	-1.4		0.8	-1.8	-2.2	-2.3	-2.7	-2.7	-2.4	-2.5	6.6	2.2
31	-1.2		0.1		-2.1		-2.7	-2.8		-2.5		1.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	0.96	-1.17	0.67	0.80	-1.01	-2.49	-2.71	-2.71	-2.04	-1.42	-1.53	0.89
MAX.	5.7	4.6	4.8	6.3	3.9	-2.1	-2.1	-2.4	0.4	2.8	6.6	7.0
MIN.	-1.4	-2.3	-2.4	-1.8	-2.6	-2.8	-2.9	-2.8	-2.8	-2.6	-2.5	-1.9

A- NO RECORD

HIGHEST STAGE WAS 7.42 AT 300 P.M., DEC. 1

LOWEST STAGE WAS MINUS 2.85 AT 600 P.M., JUN. 24.

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, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-0.3	-1.7	-0.9	-1.9	2.7	-0.8	-2.6	-2.4	-2.1	-2.7	-2.8	-2.5
2	-0.4	-1.0	-0.8	-2.0	4.6	-0.4	-2.7	-2.4	-2.2	-2.8	-2.8	-2.3
3	-0.6	-1.0	-1.0	-2.1	6.3	-0.2	-2.5	-1.7	-2.4	-2.8	-2.8	0.8
4	-0.7	-1.2	-1.3	-2.2	5.2	-0.7	-1.0	0.1	-2.6	-2.8	-2.7	-1.2
5	-1.0	-1.3	-1.4	-2.2	4.5	-1.5	-0.3	-0.8	-2.6	-2.8	-2.7	-1.0
6	-1.4	-1.4	1.2	-2.3	3.4	-1.9	3.5	-0.7	-2.6	-2.8	-2.7	-0.9
7	-1.7	-1.6	3.0	-2.3	3.9	-2.2	5.5	-1.0	-2.7	-2.8	-2.7	-1.1
8	-1.9	-1.7	4.5	-2.4	4.3	-2.4	8.4	-1.3	-2.7	-2.8	-2.7	-1.2
9	-2.0	-1.8	5.0	-2.4	4.0	-2.5	8.2	-1.4	-2.2	-2.9	-2.7	-1.2
10	-2.0	-2.0	4.8	-2.4	3.8	-2.5	5.8	-1.2	-2.5	-2.9	-2.7	0.7
11	-2.1	-2.1	3.6	-2.5	3.4	-2.6	7.0	-1.7	-2.6	-2.9	-2.7	-0.9
12	-2.1	-2.1	2.5	-2.6	3.0	-2.6	4.8	-2.1	-2.6	-2.9	-2.7	-1.0
13	-2.1	-2.1	1.8	-2.6	1.8	-2.7	2.7	-2.3	-2.6	-2.9	-2.7	-1.3
14	-1.9	-2.1	-0.3	-1.8	0.6	-2.7	0.8	-2.4	-2.6	-2.9	-2.7	-1.0
15	-1.8	-2.1	-0.7	-1.9	3.0	-2.7	-0.9	-2.5	-2.6	-2.9	-2.7	0.3
16	-1.9	-2.1	-1.2	-1.9	-0.2	-2.8	-1.4	-2.6	-2.6	-2.9	-2.7	0.0
17	-1.9	-2.1	-1.5	-2.2	-0.2	-2.8	-1.6	-2.6	-2.7	-2.6	-2.6	0.0
18	-1.9	-2.1	-1.7	-2.3	-0.5	-2.8	-1.8	-2.6	-2.7	-2.7	-2.6	1.5
19	-2.0	-2.1	-1.9	-2.4	-1.0	-2.8	-2.1	-1.9	-2.7	-2.7	-2.7	-0.1
20	-2.0	-1.6	-2.0	-2.5	-1.4	-2.8	-2.3	-1.8	-2.7	-2.6	-2.7	-0.3
21	-2.1	-1.3	-2.0	-2.6	-1.5	-2.6	-2.3	-2.0	-2.8	-2.6	-2.7	0.8
22	-2.1	-1.5	-2.0	-2.6	-1.4	-2.7	-2.4	-2.0	-2.8	-2.6	-2.7	2.0
23	-2.2	-1.6	-2.1	-2.0	-1.3	-2.8	-2.4	-2.0	-2.8	-2.6	-2.8	1.2
24	-2.2	-1.6	-2.1	2.1	-1.3	-2.6	-2.4	-2.1	-2.8	-2.6	-2.8	2.9
25	-2.2	-1.7	-2.1	0.1	-1.3	-2.7	-2.5	-2.2	-2.8	-2.6	-2.8	2.2
26	-2.2	-1.6	-1.8	4.4	-1.4	-2.8	-2.4	-2.3	-2.8	-2.7	-2.7	1.6
27	0.3	-1.6	2.1	1.9	-1.6	-2.8	-2.3	-1.6	-2.8	-2.7	-2.7	0.9
28	-1.3	0.1	-0.9	2.3	-1.8	-2.8	-2.3	-2.3	-2.7	-2.8	-2.7	0.2
29	-1.3		-1.4	3.0	-2.2	-2.8	0.1	-2.3	-2.7	-2.8	-2.7	-0.7
30	-1.4		-1.7	2.6	-2.2	-2.6	-2.0	-2.3	-2.7	-2.8	-2.2	-1.0
31	-1.6		-1.8		-2.2		-2.3	-2.2		-2.8		-0.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-1.61	-1.64	-0.14	-1.19	1.06	-2.32	0.14	-1.89	-2.62	-2.76	-2.70	-0.11
MAX.	0.3	0.1	5.0	4.4	6.3	-0.2	8.4	0.1	-2.1	-2.6	-2.2	2.9
MIN.	-2.2	-2.1	-2.1	-2.6	-2.2	-2.8	-2.7	-2.6	-2.8	-2.9	-2.8	-2.5

HIGHEST STAGE WAS 9.12 AT 1200 MIDNIGHT, JULY 7.

LOWEST STAGE WAS MINUS 2.90 FROM 800 A.M., OCT. 10 TO 100 P.M., OCT. 16.

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, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-2.2	-1.6	-1.8	-2.4	4.5	-1.7	-2.7	-2.7	-2.7	-1.8	-2.5	-2.4
2	-0.8	1.8	-1.8	-2.4	2.3	-2.0	-2.6	-2.7	-2.7	-2.4	-2.5	-2.4
3	-1.3	-1.8	-1.9	-2.4	3.5	-2.2	-2.6	-2.6	-2.7	-2.5	-2.5	-2.4
4	-1.4	-1.8	3.6	-2.4	3.4	-2.2	-2.6	-2.6	-2.7	-2.5	-2.5	-2.4
5	-1.3	-1.8	1.3	-2.4	2.5	-2.2	-2.5	-2.7	-2.7	-2.5	-2.5	-2.3
6	-1.4	-1.9	1.9	-2.4	1.8	-2.3	-2.6	-2.7	-2.6	-2.5	-2.5	-2.4
7	-1.5	-1.8	1.4	-2.5	1.2	-2.4	-2.6	-2.7	-2.7	-2.6	-2.5	-2.4
8	-1.6	-1.9	1.0	-2.5	0.0	-2.3	-2.6	-2.6	-2.7	-2.6	-2.5	-2.4
9	-1.6	-1.9	0.1	-2.5	-0.8	-2.2	-2.7	-2.7	-2.7	-2.6	-2.5	-0.2
10	-1.7	6.3	-0.6	-2.5	-1.4	-2.3	-2.6	-2.7	-2.7	-2.6	-2.1	-1.2
11	-1.8	2.6	-0.9	-2.4	-1.4	-2.4	-2.5	-2.7	-2.5	-2.6	-1.8	-1.2
12	-1.9	5.0	-1.2	-2.4	-1.4	-2.4	-2.4	2.2	-2.6	-2.6	-2.0	-1.2
13	-2.0	6.4	-1.6	-2.4	2.5	-2.4	-2.4	1.3	-2.6	-2.6	-1.9	-1.3
14	-2.0	6.4	-1.9	-2.4	-1.1	-2.5	-2.4	-0.2	-2.7	-2.6	-1.9	-1.4
15	-2.0	5.7	-2.0	-2.4	0.2	-2.6	-2.5	-0.5	-2.6	-2.2	-2.0	-1.4
16	-2.0	4.6	-2.0	-2.4	5.3	-2.6	-2.5	-1.0	-2.6	-2.5	-2.1	-1.5
17	-2.0	3.8	-2.1	-2.4	2.5	-2.6	-2.6	-1.0	-2.7	-2.5	-2.2	-1.6
18	-2.1	3.0	-2.1	-2.4	6.2	-2.6	-2.7	-1.8	-2.7	-2.4	-2.3	-1.8
19	-2.1	2.0	-2.1	-2.5	3.8	-2.6	-2.7	-1.6	-2.7	-2.4	-2.4	-1.9
20	-2.1	0.8	-2.2	-2.5	3.3	-2.6	-2.7	-2.0	-2.6	-2.4	-2.4	-2.1
21	-2.1	-0.5	-2.1	-1.7	2.6	-2.6	-2.7	-2.0	-2.6	-2.4	-2.4	-2.2
22	-2.1	-1.0	-2.2	-1.9	2.0	-2.6	-2.7	-2.3	-2.6	-2.4	-2.4	-2.2
23	-2.1	-1.3	-2.2	-1.5	1.4	-2.6	-2.7	-2.4	-2.6	-2.4	-2.4	-2.2
24	-2.1	-1.4	-2.2	-1.0	2.3	-2.6	-2.7	-2.4	-2.6	-2.4	-2.4	-2.2
25	-2.1	-1.6	-2.3	-0.2	1.4	-2.6	-2.7	-2.4	-2.6	-2.5	-2.4	-2.2
26	-2.1	-1.7	-2.3	-1.7	1.2	-2.6	-2.7	-2.5	-2.6	-2.5	-2.4	-2.2
27	-2.1	-1.8	-2.3	0.6	1.2	-2.6	-2.7	-2.6	-2.7	-2.5	-2.0	-2.1
28	-2.1	-1.9	-2.3	-1.6	0.7	-2.7	-2.7	-2.6	-2.4	-2.5	-2.3	3.0
29	-1.9		-2.3	-1.3	-0.1	-2.7	-2.8	-2.6	-2.6	-2.5	-2.3	-0.2
30	-1.5		-2.4	3.6	-0.7	-2.7	-2.4	-2.6	-2.7	-2.5	-2.4	-0.7
31	-1.2		-2.4		-1.2		-2.6	-2.7		-2.5		-0.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-1.81	0.81	-1.29	-1.84	1.53	-2.45	-2.61	-1.97	-2.64	-2.47	-2.30	-1.60
MAX.	-0.8	6.4	3.6	3.6	6.2	-1.7	-2.4	2.2	-2.4	-1.8	-1.8	3.0
MIN.	-2.2	-1.9	-2.4	-2.5	-1.4	-2.7	-2.8	-2.7	-2.7	-2.6	-2.5	-2.4

HIGHEST STAGE WAS 7.67 AT 800 P.M., FEB. 12.

LOWEST STAGE WAS MINUS 2.75 FROM 300 TO 700 P.M., SEPT. 9.

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. GAGE IS READ AND MAINTAINED BY MEMPHIS DISTRICT, CORPS OF ENGINEERS.

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, M.S.L (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-2.0	-2.4	1.2	6.6	-1.8	-1.4	-2.4	-2.6	-2.4	-2.2	-2.5	-2.3
2	-2.0	-2.5	2.8	7.5	-1.8	-1.5	-2.5	-2.5	-2.4	-2.2	-2.5	-2.3
3	-0.3	-2.6	1.7	7.3	-1.8	-1.7	-2.5	-2.6	-2.5	-2.2	-2.5	-2.3
4	-0.8	-2.68	2.1	6.3	-1.8	-1.8	-2.3	-2.6	-2.5	-2.3	-2.5	-2.3
5	-1.3	-2.7	1.6	3.4	-1.9	-2.0	-2.4	-2.6	-2.5	-2.4	-2.5	-2.3
6	-1.5	-2.6	1.6	3.1	-2.0	-2.1	-2.4	-2.65	-2.5	-2.4	-2.5	-2.3
7	-1.8	-2.6	1.5	5.4	-2.0	-2.2	-2.4	-2.6	-2.5	-2.4	-2.4	-2.3
8	-2.0	-2.5	0.9	5.2	-2.0	-2.3	-2.4	-2.3	-2.5	-2.3	-2.4	-2.3
9	1.0	-2.4	0.1	3.8	-2.1	-2.3	-2.4	-1.7	-2.5	-2.4	-2.5	-2.3
10	3.7	+3.3	-0.5	3.0	-2.1	-2.2	-2.3	-1.9	-2.6	-2.3	-2.5	-2.3
11	5.3	7.9	-0.9	2.8	-1.6	-2.2	-2.2	-2.1	3.6	-2.3	-2.5	-2.3
12	5.1	6.6	-1.0	3.2	-2.0	-2.3	-2.1	-2.2	-1.3	-2.4	-2.5	-2.0
13	4.5	6.6	-0.8	2.7	-2.1	-2.3	-2.0	-2.3	-1.8	-2.4	-2.5	-2.2
14	4.0	5.6	-1.0	2.6	-2.1	-2.3	-2.1	-2.4	-2.0	-2.5	-2.4	-2.1
15	2.9	4.7	-1.3	2.6	-2.1	-2.2	-2.3	-2.5	-2.2	-2.5	-2.4	-2.0
16	2.0	3.6	-1.4	2.4	-2.0	-1.9	-2.3	-2.5	-2.3	-2.5	-2.4	-2.0
17	1.0	2.6	-0.8	2.3	-2.0	-1.5	-2.4	-2.6	-2.3	-2.5	-2.4	-2.0
18	-0.9	1.6	+0.3	2.2	-2.1	-1.4	-2.5	-2.6	-2.4	-2.5	-2.3	-2.0
19	-1.6	0.5	0.0	2.1	-2.0	-1.3	-2.5	-2.66	-2.4	-2.5	-2.4	-2.0
20	-1.9	-0.6	-0.2	2.0	-2.0	-1.5	-2.5	-2.6	-2.5	-2.5	-2.3	-2.0
21	-2.0	-1.3	-0.2	1.8	-2.0	-1.9	-2.6	-2.6	-2.5	-2.6	-2.3	-2.1
22	-2.2	-1.6	-0.4	1.8	-2.0	-2.1	-2.5	-2.6	1.0	-2.5	-2.3	-2.1
23	-2.1	-1.8	-0.7	1.6	-1.9	-2.2	-2.5	-2.5	-1.7	-2.5	-2.3	-2.1
24	-2.0	-1.8	-1.0	1.4	-2.0	-2.3	-2.6	-2.4	-2.2	-2.5	-2.3	-2.1
25	-2.0	+1.5	-1.0	1.1	-2.0	-2.4	-2.5	-2.1	-2.3	-2.5	-2.4	-2.1
26	-1.9	0.4	4.0	0.7	-2.1	-2.4	-2.5	-2.2	-2.4	-2.5	-2.4	-2.1
27	-1.8	1.9	2.0	0.2	4.3	-2.4	-2.6	-2.3	-2.4	-2.5	-2.0	-2.1
28	-2.0	1.2	3.1	-0.6	0.8	-2.5	-2.6	-2.2	-2.4	-2.5	-2.2	-2.1
29	-2.2		5.7	-1.4	0.9	-2.5	-2.6	-2.3	-2.5	-2.5	-2.3	-2.2
30	-2.2		9.0	-1.7	0.2	-2.5	-2.6	-2.5	-2.5	-2.5	-2.3	-2.2
31	-2.4		7.9		-0.6		-2.6	-2.4		-2.5		-2.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-0.30	0.64	1.11	2.71	-1.47	-2.05	-2.42	-2.41	-2.01	-2.43	-2.39	-2.16
MAX.	5.3	7.9	9.0	7.5	4.3	-1.3	-2.0	-1.7	3.6	-2.2	-2.0	-2.0
MIN.	-2.4	-2.7	-1.4	-1.7	-2.1	-2.5	-2.6	-2.66	-2.6	-2.6	-2.5	-2.3

HIGHEST STAGE WAS 11.78 AT 1000 P.M., MAR. 29.

LOWEST STAGE WAS MINUS 2.70 FROM 400 P.M., FEB. 4 TO 800 A.M., FEB. 5.

DAILY STAGES

C24

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, 20.41). 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 FOR 1964

GAGE ZERO, 217.22 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-4.9	-4.1	-4.23	1.8	1.95	-3.1	-3.2	-2.46	-2.91	0.67	-2.75	-2.03
2	-4.84	-4.22	-4.15	1.15	1.8	-3.11	-3.17	-2.12	-2.99	0.63	-2.75	-2.07
3	-4.78	-4.27	-2.68	0.2	1.8	-3.1	-2.6	-1.78	-3.01	-0.56	-2.8	5.65
4	-4.86	-4.28	3.9	3.8	0.6	-3.08	-2.71	-2.02	-3.05	-1.58	-2.8	3.4
5	-5.02	-4.24	1.07	1.05	-0.4	-3.1	-2.67	-2.53	-3.08	-2.17	-2.87	4.8
6	-4.35	-3.1	-0.45	3.23	-1.01	-3.12	-2.62	-2.8	-3.1	-2.42	-2.9	5.0
7	-4.47	-3.86	-0.4	3.4	-1.48	-3.18	-2.82	-2.92	-3.1	-2.6	-2.72	4.8
8	-4.65	-4.0	-0.11	2.43	-1.83	-3.2	-3.02	-3.0	-3.1	-2.72	-2.84	3.98
9	-1.44	-4.07	0.38	1.73	-2.1	-3.25	-3.12	-0.38	-3.1	-2.84	-2.84	2.85
10	-3.47	-4.06	5.7	1.48	-2.2	-3.26	-3.17	-2.6	-3.11	-2.9	-2.84	2.02
11	-3.58	-4.06	2.64	1.14	-1.96	-3.15	-3.12	-2.5	-3.13	-2.93	-2.81	5.95
12	-3.25	-4.08	1.6	0.85	-1.8	-3.18	-0.3	-2.52	-3.14	-2.93	-2.82	2.6
13	-3.4	-3.5	0.9	5.0	-1.4	-3.19	-1.91	-2.54	-3.16	-2.97	-2.82	3.5
14	-3.53	-3.45	0.48	2.06	-1.72	-3.19	-2.19	-2.76	-3.16	-3.0	-2.81	2.95
15	-3.62	-3.65	-0.21	1.5	-1.96	-3.22	-2.23	-2.87	-3.18	-2.97	-2.84	2.6
16	-3.7	-2.27	-0.5	1.65	-2.16	-3.02	-2.4	-1.77	-3.19	-2.91	-2.84	2.2
17	-3.8	-2.78	-0.28	1.46	-2.36	-3.15	-2.6	-1.78	-3.19	-2.89	-2.84	1.65
18	-4.0	-2.7	0.02	0.69	-2.55	-3.09	-2.73	-1.71	-3.1	-2.88	-2.81	0.75
19	-4.1	-2.37	0.43	-0.56	-2.7	-3.09	-2.9	-2.12	-3.1	-2.88	-2.35	-0.85
20	-4.25	-2.75	0.95	-1.3	-2.64	-3.1	-3.03	-2.38	-3.1	-2.9	-2.1	-1.65
21	-4.32	-2.9	1.44	-1.87	-2.85	-3.16	-3.05	-2.55	-3.09	-2.9	-2.24	-2.05
22	-4.36	-2.92	1.75	-1.12	-3.05	-3.2	-3.12	-1.0	-3.1	-2.95	-2.15	-2.22
23	-4.35	-3.1	2.02	2.5	-3.1	-3.2	-3.13	-2.4	-3.1	-2.96	-2.16	-2.33
24	-3.85	-3.4	2.3	2.46	-3.13	-3.1	-3.1	-2.8	-3.13	-2.97	-2.2	-2.42
25	-4.15	-3.63	2.55	3.64	-3.2	-3.2	-3.1	-2.92	-3.16	-2.97	-2.18	-2.25
26	-4.2	-3.82	3.01	4.45	-3.2	-3.21	-3.14	-0.61	-3.19	-2.97	-2.13	-2.32
27	-4.3	-3.96	2.7	6.6	-3.21	-3.23	-3.12	-2.31	-3.2	-3.0	-2.19	-2.28
28	-4.4	-4.06	2.68	4.5	-3.2	-3.24	-3.1	-2.63	-1.8	-1.55	-2.19	-2.27
29	-4.4	-4.17	2.53	3.6	-3.19	-3.27	-3.05	-2.7	-0.43	-2.46	-2.01	-2.27
30	-4.33		2.39	2.78	-3.2	-3.26	-2.1	-2.8	0.2	-2.73	-2.03	-1.74
31	-4.15		2.15		-3.2		-2.66	-2.86		-2.75		-1.97

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-4.09	-3.58	0.95	2.01	-1.89	-3.17	-2.75	-2.29	-2.87	-2.45	-2.55	0.77
MAX.	-1.44	-2.27	5.7	6.6	1.95	-3.02	-0.3	-0.38	0.2	0.67	-2.01	5.95
MIN.	-5.02	-4.28	-4.23	-1.87	-3.21	-3.27	-3.2	-3.0	-3.2	-3.0	-2.9	-2.42

HIGHEST STAGE WAS 7.5 AT 400 A.M., DEC. 11.
LOWEST STAGE WAS 5.02 ON JAN. 5.

1963

WOLF RIVER
Raleigh, Tenn.

Zero of gage: 217.22 m.s.l. (217.51 m.g.l.).

Mile: 16.9

Lat.: 35° 12' 08" - Long.: 89° 55' 24"

Memphis District, CE gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tenn.

Highest: 13.75 at 5:00 p.m. on 11 March.

Lowest: -5.93 on 15 October.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 on 20 January 1935 from H.W. mark.

Lowest for period of record: -5.93 on 15 October 1963.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.3	4.1	6.4	6.8	11.3	10.7	2.5	*	*	-5.7	-5.7	-5.1
2	4.3	4.2	9.2	6.5	12.5	9.6	2.1	*	*	-5.7	-5.8	-5.2
3	4.2	4.5	8.9	6.3	12.8	8.4	1.9	*	*	-5.8	-5.7	-5.2
4	4.2	4.5	8.9	6.0	12.5	6.4	1.8	*	*	-5.8	-5.6	-5.2
5	4.2	4.5	12.0	5.7	11.9	4.4	1.6	*	*	-5.8	-5.7	-5.2
6	4.2	4.5	12.9	5.4	11.0	3.8	*	*	*	-5.8	-5.0	-5.3
7	4.2	4.5	12.9	6.2	8.7	3.6	*	*	*	-5.8	-5.4	-5.3
8	4.2	4.5	12.8	6.0	6.0	3.5	*	*	*	-5.8	-5.5	-5.2
9	4.2	4.6	12.8	5.9	5.6	3.4	*	*	*	-5.9	-5.6	-5.3
10	4.1	4.5	12.3	5.9	5.2	3.4	*	*	-5.6	-5.9	-5.6	-5.3
11	4.1	7.4	13.75	5.8	4.4	3.3	*	*	-5.6	-5.9	-5.6	-4.3
12	4.1	6.6	13.6	6.3	4.1	3.3	*	*	-5.6	-5.9	-5.6	-3.4
13	4.0	6.9	13.3	6.2	3.9	3.3	*	*	-5.7	-5.9	-5.6	-4.4
14	4.0	6.9	13.4	5.9	3.8	3.3	*	*	-5.8	-5.9	-5.6	-4.5
15	4.0	6.9	13.2	5.8	3.8	3.2	*	*	-5.7	-5.93	-5.6	-4.6
16	4.0	7.0	13.0	4.7	3.8	4.4	*	*	-5.7	-5.9	-5.6	-4.6
17	4.0	6.9	13.6	4.5	3.8	3.6	*	*	-5.7	-5.9	-5.6	-4.6
18	4.0	6.6	13.2	4.4	3.9	3.5	*	*	-5.7	-5.8	-5.6	-4.6
19	4.0	6.2	12.6	4.4	3.7	3.6	*	*	-5.7	-5.8	-5.6	-4.6
20	4.0	5.5	12.3	4.6	3.6	3.8	*	*	-5.7	-5.9	-5.6	-4.7
21	4.0	5.2	11.6	4.5	3.6	6.1	*	*	-5.7	-5.8	-5.0	-4.9
22	4.0	5.0	9.7	4.3	3.1	6.3	*	*	-5.6	-5.8	-5.4	-5.0
23	4.1	4.8	8.1	4.3	3.7	6.2	*	*	-5.8	-5.7	-5.1	-4.8
24	4.1	4.9	7.4	4.2	3.6	6.4	*	*	-5.8	-5.8	-5.2	-4.8
25	4.2	4.9	7.1	4.1	3.6	6.2	*	*	-5.8	-5.8	-5.1	-4.9
26	3.9	5.0	7.1	4.0	6.9	4.2	*	*	-5.8	-5.4	-5.1	-4.8
27	3.9	4.9	7.3	3.9	12.7	3.6	*	*	-5.8	-5.8	-5.1	-4.8
28	3.9	5.0	7.1	4.0	12.2	3.3	*	*	-5.8	-5.8	-5.1	-4.9
29	3.9		7.1	10.4	11.6	3.0	*	*	-5.8	-5.7	-5.0	-4.9
30	3.9		7.1	11.7	12.2	2.9	*	*	-5.8	-5.8	-5.1	-5.0
31	4.0		6.9		12.0		*	*		-5.7		-4.9

8:00 a.m. readings.

* Due to channel improvements from 6 July to 10 September, the recorder was inoperative. Daily readings were not obtained. After channel improvements, the stages were drastically lowered. The minimum stage does not necessarily reflect a record low.

IMM 21
Feb 64

1962

WOLF RIVER
Raleigh, Tenn.

Zero of gage: 217.22 m.s.l. (217.51 m.g.l.)

Mile: 16.9

Lat.: 35° 12' 08" - Long.: 89° 55' 24"

Memphis District, CE gage

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tenn.

Highest: 15.00 on 28 February

Lowest: 3.53 on 22 August

Period of record: 12 May 1936 to date

Highest for period of record: 23.72 on 20 January 1935 from H. W. mark

Lowest for period of record: 3.05 at 11:00 p.m. on 11 July 1960

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9.6	10.4	14.6	12.6	12.3	4.4	5.4	4.3	3.8	3.8	3.8	4.0
2	9.4	8.6	14.0	12.0	13.0	4.5	5.3	4.0	4.0	3.8	3.8	4.0
3	8.2	7.0	13.8	10.6	12.2	6.4	5.0	3.9	4.0	3.8	3.8	4.0
4	7.2	6.3	13.2	8.6	11.6	5.8	4.4	3.8	3.8	4.0	3.8	4.0
5	7.0	5.8	12.6	8.3	11.3	5.0	3.8	3.8	3.8	3.8	3.8	3.9
6	5.4	5.4	11.8	8.5	11.0	5.0	4.0	3.8	3.8	3.8	3.8	3.9
7	5.7	5.2	10.2	8.1	8.2	4.7	4.2	3.8	3.8	3.8	3.8	3.9
8	5.6	5.0	7.7	7.4	5.2	4.6	5.2	3.8	3.8	3.8	3.8	3.9
9	5.5	5.2	9.4	7.8	4.8	4.6	5.8	3.7	3.7	3.8	3.8	3.9
10	5.7	5.4	10.0	7.3	4.5	4.4	5.4	3.7	5.4	3.8	3.8	3.9
11	6.5	5.4	10.5	7.2	4.4	4.2	4.6	3.8	4.4	3.8	3.8	3.9
12	7.3	5.2	9.8	7.6	4.3	4.0	4.3	3.8	3.8	3.8	7.4	3.8
13	7.4	5.2	9.3	7.5	4.2	4.0	4.1	3.8	3.8	3.8	4.2	3.8
14	7.4	5.0	8.9	7.3	4.1	4.1	4.0	3.8	3.8	3.8	3.9	3.8
15	9.8	4.9	8.4	7.2	4.0	4.2	3.9	3.8	5.0	3.7	3.9	3.8
16	10.6	6.0	7.8	7.4	4.0	4.4	3.8	3.8	9.6	3.7	4.0	3.8
17	10.0	5.4	7.4	8.0	4.0	4.2	3.8	3.8	9.8	3.8	3.9	3.8
18	9.7	5.2	7.1	8.0	4.0	4.1	3.8	3.8	8.2	3.8	4.0	3.9
19	9.8	5.6	7.0	7.2	4.0	4.0	3.8	3.8	8.2	3.8	4.0	4.0
20	9.8	5.6	6.8	6.4	3.9	5.0	3.8	3.8	8.2	3.9	4.0	4.0
21	9.6	5.6	8.0	5.8	3.9	4.2	3.8	3.8	6.8	4.6	4.0	4.0
22	11.4	5.9	7.8	5.4	3.9	4.4	3.8	3.53	5.3	4.2	4.0	4.0
23	14.0	6.5	7.4	5.2	3.8	4.3	3.7	3.8	4.6	4.0	4.0	4.1
24	13.4	11.6	6.8	5.0	3.7	4.3	3.7	3.7	4.2	4.0	4.0	4.1
25	12.5	12.2	6.6	4.8	3.8	4.6	4.8	4.0	4.0	4.2	4.0	4.2
26	12.7	12.8	8.2	4.6	3.8	4.5	4.0	3.8	3.9	4.2	4.0	4.2
27	13.2	14.2	8.8	4.6	3.8	5.2	4.4	5.0	3.9	4.0	4.0	4.2
28	13.6	15.00	9.0	4.5	3.8	5.0	4.8	5.4	4.0	4.0	4.0	4.2
29	13.2		7.6	4.8	3.8	5.2	4.8	4.7	3.9	3.8	4.0	4.4
30	12.6		7.7	5.1	3.8	5.4	4.8	4.2	3.8	3.8	4.0	4.3
31	11.6		12.0		3.8		4.6	4.0		3.8		4.3

8:00 a.m. readings

IMS 21

June 62

1961

WOLF RIVER
RALEIGH, TENN.

Zero of gage: 217.22 m.s.l. (217.51 m.g.l.)

Mile: 16.9

Lat.: 35° 12' 08" - Long.: 89° 55' 24"

Memphis District, CE gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tenn.

Highest: 14.55 at 1:00 a.m. on 25 February.

Lowest: 3.48 at 11:00 a.m. on 30 September.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 on 20 January 1935 from H.W. mark.

Lowest for period of record: 3.05 at 11:00 p.m. on 11 July 1960.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9.7	4.1	12.5	12.8	5.2	4.1	3.8	3.8	4.1	3.7	3.6	6.0
2	9.8	4.1	11.4	12.2	4.9	4.0	3.8	3.8	4.6	3.5	3.6	5.4
3	8.6	5.2	9.6	11.8	4.8	3.9	3.7	3.6	4.0	4.0	4.2	4.9
4	8.0	5.0	7.8	11.4	4.6	4.0	3.7	3.6	4.0	4.4	4.2	4.6
5	7.4	4.8	8.1	11.0	4.4	3.8	3.7	3.7	3.9	4.4	4.2	4.4
6	6.8	4.8	9.2	10.1	5.9	3.8	3.7	3.8	3.8	4.2	4.2	4.4
7	6.3	5.0	11.0	8.7	6.4	3.8	3.7	3.8	4.0	3.9	4.2	4.4
8	5.9	9.5	13.0	6.7	5.1	3.9	3.8	3.9	3.8	3.8	4.2	4.4
9	5.4	8.8	13.7	5.9	9.6	4.3	3.8	4.0	3.8	3.7	4.1	5.5
10	5.0	8.2	14.2	5.6	9.2	4.8	3.8	4.0	3.8	3.6	4.1	11.2
11	4.7	7.4	14.4	5.4	6.9	5.0	3.8	4.1	3.8	3.6	4.0	10.6
12	4.6	7.0	13.8	10.1	5.9	4.2	3.9	4.1	3.8	3.6	4.1	11.2
13	4.4	6.6	13.4	11.4	5.4	4.2	3.9	4.1	3.8	3.6	4.2	11.2
14	4.4	6.2	12.8	11.0	5.2	4.3	3.8	4.1	3.7	3.6	4.0	11.2
15	4.6	5.8	12.1	11.2	5.4	4.3	3.7	4.1	3.6	3.6	4.1	11.2
16	4.7	5.4	10.7	13.6	6.6	4.5	3.8	4.1	3.6	3.6	4.8	11.2
17	4.6	5.0	8.3	13.1	8.2	5.0	3.7	3.8	3.6	3.6	5.0	11.4
18	4.5	5.0	8.1	12.4	9.1	5.8	3.8	3.6	3.6	3.6	5.2	11.6
19	4.6	6.7	8.4	11.9	9.4	5.9	3.8	3.6	3.6	3.6	5.4	11.8
20	4.7	6.2	8.2	10.8	9.4	5.2	3.8	3.6	3.6	3.6	5.4	12.2
21	4.6	12.2	8.2	7.8	9.4	4.4	3.9	3.6	3.6	3.6	5.4	12.6
22	4.6	13.6	8.2	6.1	9.5	4.2	3.8	3.5	3.6	3.6	5.7	13.0
23	4.5	13.9	7.9	5.4	9.4	4.1	3.8	3.5	3.6	3.6	11.0	12.6
24	4.5	14.50	7.5	5.1	8.9	4.0	3.8	3.8	3.6	3.6	9.3	12.0
25	4.5	14.55	7.2	4.8	8.4	4.0	3.8	3.6	3.5	3.6	7.9	11.2
26	4.4	14.2	6.8	4.8	7.6	3.9	4.7	3.8	3.5	3.6	7.5	9.8
27	4.4	13.6	6.8	4.7	6.6	3.8	4.1	3.8	3.5	3.6	7.5	8.0
28	4.3	13.2	7.2	4.6	5.4	3.8	3.8	3.8	3.5	3.6	6.8	9.9
29	4.2		8.1	4.6	4.4	3.8	5.5	3.8	3.5	3.6	6.4	9.3
30	4.2		8.7	4.5	4.1	3.8	4.4	3.7	3.48	3.6	6.2	9.1
31	4.1		12.0		4.1		4.0	3.8		3.6		9.3

8:00 a.m. readings.

1960

WOLF RIVER
RALEIGH, TENN.

Zero of gage: 217.22 m.s.l. (217.51 m.g.l.)

Mile: 16.9

Lat.: 35° 12' 08" - Long.: 89° 55' 24"

Memphis District, CE gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tenn.

Highest: 12.80 on 13 March.

Lowest: 3.05 at 11:00 p.m. on 11 July.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 on 20 January 1935 from H. W. mark.

Lowest for period of record: 3.05 at 11:00 p.m. on 11 July 1960.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6.0	9.6	7.4	6.6	11.4	4.0	4.9	3.7	3.9	3.7	3.9	4.4
2	5.8	9.4	6.9	5.6	10.0	4.2	5.0	3.7	3.8	3.7	3.9	4.4
3	5.8	9.0	10.8	5.4	7.8	4.0	4.2	3.7	3.8	3.6	3.9	4.4
4	5.6	8.4	10.8	5.6	5.7	4.0	4.2	3.6	3.7	3.6	3.9	4.4
5	5.3	7.8	10.0	5.6	4.9	3.9	4.0	4.2	3.7	3.7	3.9	4.4
6	5.1	9.1	9.6	5.4	8.0	3.9	3.9	4.2	3.6	4.0	3.9	4.6
7	5.2	9.4	9.0	5.2	10.0	3.9	3.9	3.8	3.6	5.3	3.8	6.6
8	5.5	9.3	8.6	4.8	7.2	3.8	4.0	3.8	3.6	6.2	3.8	5.2
9	6.0	8.4	11.6	4.7	6.4	3.8	3.9	4.0	3.7	6.7	3.9	4.8
10	6.6	8.9	12.7	4.6	6.1	3.8	3.8	3.8	3.8	6.5	5.0	4.7
11	6.3	9.6	12.6	4.5	6.0	4.2	3.8	3.6	8.2	6.6	4.2	6.1
12	6.0	8.8	12.5	4.4	6.0	4.0	3.05	3.6	4.3	6.2	4.1	6.1
13	5.8	8.3	12.80	4.4	6.2	3.9	3.8	3.6	3.9	5.8	4.1	5.0
14	5.8	7.6	12.6	4.4	6.0	4.0	4.0	3.6	3.8	5.6	4.2	4.8
15	7.0	7.2	12.2	4.4	5.4	4.0	4.3	3.8	3.8	5.7	4.2	4.7
16	6.7	6.8	12.8	4.4	4.7	4.0	4.2	3.6	3.8	5.6	6.8	4.7
17	6.6	6.2	12.8	4.4	4.4	4.1	3.7	3.6	3.8	5.0	7.7	4.7
18	9.2	5.7	12.2	4.4	4.3	5.2	3.7	3.6	3.7	4.5	6.0	4.6
19	8.5	5.3	11.4	4.4	4.8	5.6	4.3	6.0	3.6	4.2	5.8	4.6
20	8.0	5.1	10.8	4.3	5.3	6.1	4.4	4.6	3.6	4.2	5.5	4.4
21	7.6	5.0	10.0	4.6	5.0	6.3	4.3	11.0	3.6	4.0	5.2	4.4
22	7.0	4.9	9.2	4.5	4.6	5.6	6.0	11.6	3.6	4.0	4.9	4.4
23	6.6	4.8	8.4	4.5	4.5	4.8	4.2	7.4	3.6	4.0	4.8	4.3
24	6.0	4.8	7.4	4.5	4.5	4.2	3.8	5.9	4.0	4.0	4.7	4.2
25	5.7	5.4	6.1	4.5	4.6	4.1	3.7	5.4	3.7	4.0	4.5	4.2
26	5.5	8.4	5.5	4.6	4.6	4.2	4.2	5.0	3.7	4.0	4.4	4.2
27	5.5	8.4	5.2	4.6	4.3	6.2	3.8	4.8	3.7	4.0	4.3	4.2
28	5.8	8.4	5.0	4.4	4.2	6.1	4.6	4.8	3.7	4.0	4.2	4.2
29	8.2	8.0	5.0	4.3	4.0	6.2	3.4	4.8	3.6	3.9	6.0	4.4
30	10.3		8.8	11.1	4.0	6.1	4.3	4.4	3.7	3.9	4.7	8.5
31	10.0		9.5		4.0		3.8	4.1		4.4		6.9

8:00 a.m. readings.

1959
WOLF RIVER
RALEIGH, TENN.

101

Zero of gage: 217.22 m.s.l. (217.51 m.g.l.)

Eile: 16.9

Lat.: 35° 12' 08" - Long.: 89° 55' 24"

Memphis District, CE gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tenn.

Highest: 14.26 on ³⁰16 February. *At 10:00 p.m.*

Lowest: 3.60 on 23, 24, 26-28 September.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 on 20 January 1935 from H. W. mark.

Lowest for period of record: 3.25 on 10 October 1946.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.8	5.3	5.8	5.9	4.4	4.5	4.2	3.8	4.6	3.65	3.8	5.4
2	5.9	5.0	5.9	6.1	4.3	4.5	4.3	3.8	4.8	3.65	3.8	5.4
3	5.6	4.8	5.6	5.5	4.2	4.3	4.0	3.8	4.8	3.65	3.8	5.2
4	5.2	5.0	5.4	5.5	4.2	4.2	3.9	3.8	4.0	3.65	3.9	5.2
5	4.8	6.2	5.3	5.9	4.1	4.2	3.9	3.8	4.0	3.65	4.0	5.0
6	4.8	6.4	7.0	6.2	4.1	4.1	3.9	3.7	3.8	4.0	4.0	4.8
7	5.4	6.0	6.7	6.0	4.0	4.0	3.8	4.2	4.6	3.65	4.0	4.6
8	6.4	5.6	6.5	5.6	4.0	4.0	3.8	4.1	4.0	3.65	4.0	4.6
9	7.2	5.5	6.2	5.3	4.0	4.0	3.8	3.8	3.8	3.65	4.0	4.6
10	6.2	6.4	6.0	5.0	4.0	4.0	3.9	3.8	4.3	3.7	4.0	4.5
11	5.8	6.5	5.9	4.8	4.0	5.1	3.8	3.7	3.9	3.8	4.0	5.0
12	5.6	6.0	7.8	4.8	4.0	8.8	3.8	3.65	3.8	3.8	4.0	9.2
13	5.4	7.6	8.2	4.9	4.0	6.2	3.8	3.65	3.9	4.5	4.0	8.8
14	5.4	13.0	8.1	5.0	4.0	6.9	3.8	3.65	4.0	6.6	4.0	8.8
15	8.5	14.0	7.4	5.0	4.0	7.6	3.8	3.7	4.0	7.3	4.0	9.2
16	11.5	14.30	6.6	5.0	4.0	8.2	3.7	4.0	4.0	7.2	4.0	9.6
17	11.3	14.20	5.9	5.0	4.0	8.8	3.8	3.8	3.9	5.8	4.0	11.2
18	10.2	13.5	5.4	10.4	4.0	9.0	3.8	3.7	3.8	4.8	4.0	12.1
19	9.7	12.8	5.1	10.5	4.0	7.7	3.7	3.7	3.7	4.6	4.1	11.7
20	10.6	11.9	5.0	10.0	4.0	5.1	3.8	3.8	3.7	4.4	4.1	11.2
21	11.1	10.7	5.1	8.7	4.0	4.4	4.0	4.0	3.65	4.3	4.1	10.8
22	12.2	8.9	10.2	6.6	4.0	4.2	9.0	4.4	3.65	4.1	4.1	9.6
23	12.1	9.2	10.0	5.8	7.7	4.1	9.6	4.9	3.60	4.0	4.1	9.0
24	13.8	9.6	11.8	5.6	4.2	4.0	4.8	5.0	3.60	4.0	4.1	9.2
25	13.2	8.6	12.5	5.4	4.1	4.2	4.8	4.5	3.65	3.9	4.1	9.2
26	12.5	7.4	11.4	5.2	4.6	5.2	9.6	4.7	3.60	3.9	4.1	7.7
27	11.5	6.6	8.6	5.0	5.2	5.2	4.4	4.2	3.60	3.9	4.6	6.0
28	10.0	6.0	6.7	4.8	9.3	4.8	4.4	4.0	3.60	3.8	4.4	6.1
29	8.0		6.4	4.6	7.0	4.4	4.1	5.7	3.7	3.8	4.8	6.4
30	6.6		6.5	4.6	5.0	4.3	5.2	4.2	3.65	3.8	5.2	6.3
31	5.7		6.3		4.6		4.0	4.0		3.8		6.1

8:00 a.m. readings.

1958
WOLF RIVER
RALEIGH, TENN.

97

Zero of gage: 217.22 m.s.l. (217.51 m.g.l.)

Mile: 16.9

Lat.: 35° 12' 08" - Long.: 89° 55' 24"

Memphis District, CE gage

Recording gage in on Austin Peay Highway bridge over Wolf river at Raleigh, Tenn.

Highest: 15.15 at 11:00 a. m. on 11 May

Lowest: 3.70 on 1 September

Period of record: 12 May 1936 to date

Highest for period of record: 23.72 on 20 January 1935 from H. W. mark.

Lowest for period of record: 3.25 on 10 October 1946.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.6	5.6	10.0	5.6	12.2	4.1	4.4	4.1	3.70	5.0	4.0	4.6
2	5.4	5.5	7.0	5.3	13.5	4.4	4.4	4.0	3.9	4.8	4.0	4.6
3	5.2	5.3	5.7	5.3	13.4	4.2	4.2	4.0	4.2	4.6	4.1	4.6
4	5.0	5.1	5.2	7.0	13.2	4.0	4.0	4.0	4.0	4.6	4.2	4.7
5	4.9	5.0	5.0	6.3	13.2	4.0	3.9	4.0	4.0	4.4	4.2	4.7
6	4.8	5.0	4.9	6.0	12.9	4.0	3.9	3.9	4.0	4.4	4.2	4.6
7	4.8	5.2	4.8	5.7	12.4	4.0	4.0	3.9	3.9	4.4	4.1	4.5
8	4.7	5.0	9.4	5.6	11.6	4.0	4.4	3.8	3.8	4.2	4.1	4.4
9	4.6	4.8	10.9	5.5	12.6	6.3	5.5	3.8	3.8	4.2	4.1	4.4
10	4.6	4.8	11.3	5.5	11.4	4.3	6.2	3.8	3.8	4.2	4.0	4.3
11	4.6	4.7	10.6	5.3	15.15	4.1	4.6	4.0	3.8	4.1	4.0	4.3
12	4.5	4.6	10.0	5.0	14.8	4.0	4.9	4.9	3.8	4.0	4.0	4.2
13	4.8	4.6	8.2	4.8	14.1	4.0	6.0	4.5	3.8	4.0	4.0	4.2
14	5.4	4.6	6.8	4.6	13.4	3.9	5.4	4.0	3.8	4.0	4.0	4.2
15	5.1	4.5	6.0	10.4	12.6	3.9	4.8	4.0	3.9	4.0	5.6	4.2
16	5.0	4.5	5.5	9.9	11.7	4.0	4.6	3.8	3.9	4.0	5.3	4.2
17	5.0	4.5	5.2	8.8	9.8	4.0	6.0	4.8	4.5	4.0	4.6	4.2
18	5.0	4.4	8.4	8.0	6.8	4.0	4.5	3.9	4.1	4.0	5.0	4.2
19	5.0	4.4	7.5	7.0	5.7	4.0	4.3	3.9	4.0	4.0	7.8	4.2
20	5.0	4.3	6.8	6.9	5.3	4.4	4.1	3.8	11.2	4.0	6.5	4.2
21	11.0	4.3	6.0	8.2	5.1	4.1	4.0	3.8	10.8	4.0	5.9	4.2
22	11.3	4.4	5.6	8.1	5.0	4.1	3.9	3.8	9.3	4.0	5.7	4.2
23	9.9	4.4	5.4	7.0	4.9	4.4	5.0	3.8	9.8	4.1	5.6	4.4
24	8.4	4.5	11.0	5.8	4.8	4.2	4.4	4.6	13.7	4.0	5.4	4.6
25	7.6	4.6	10.6	8.8	4.8	4.0	4.6	4.0	11.0	4.0	5.2	4.7
26	7.7	4.6	8.6	11.1	4.6	4.2	4.6	3.9	13.4	4.0	5.0	4.7
27	8.0	12.2	7.0	12.0	4.5	4.6	4.8	3.9	12.6	4.0	4.8	4.8
28	7.6	12.2	6.2	12.0	4.4	4.3	4.9	3.9	11.4	4.0	4.6	5.8
29	6.8		6.0	12.1	4.3	4.3	4.9	3.9	8.3	4.0	4.6	5.5
30	6.2		5.8	12.7	4.2	4.3	5.3	3.8	5.3	4.0	4.6	5.4
31	5.8		5.8		4.2		4.4	3.8		4.0		5.2

8:00 a. m. readings

1957
WOLF RIVER
RALEIGH, TENN.

97

Zero of gage: 217.22 m.s.l. (217.51 m.g.l.)
Mile: 16.9
Lat.: 35° 12' 08" - Long.: 89° 55' 24"
Memphis District, CE gage

Recording gage in on Austin Peay Highway bridge over Wolf river at Raleigh, Tenn.

Highest: 15.80 at 1:00 a.m. on 19 November
Lowest: 3.58 at 11:00 a.m. on 1 September
Period of record: 12 May 1936 to date
Highest for period of record: 23.72 on 20 January 1935 from H.W. mark.
Lowest for period of record: 3.25 on 10 October 1946.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.3	14.6	7.5	5.6	8.0	6.0	5.4	5.3	3.58	4.2	4.2	8.1
2	4.2	15.3	7.4	6.3	7.0	7.2	5.8	6.2	3.6	4.1	4.2	7.6
3	4.1	15.6	7.4	5.3	6.2	10.0	6.1	6.3	3.7	4.1	4.1	7.0
4	4.1	15.4	7.0	12.8	5.2	9.8	6.3	6.0	3.6	4.1	4.1	6.4
5	6.6	14.4	6.3	13.3	4.7	10.2	6.0	5.2	3.6	4.1	4.1	5.8
6	5.4	13.9	7.2	12.2	4.4	12.0	5.5	4.4	3.6	4.1	4.1	5.5
7	5.2	13.4	8.0	12.4	4.3	13.2	5.6	4.0	3.6	4.1	4.2	12.0
8	4.9	12.8	9.0	13.1	4.2	12.0	5.2	3.9	3.6	4.2	10.2	13.4
9	4.7	12.3	7.5	13.6	4.1	11.0	4.5	3.8	3.6	4.2	10.0	12.8
10	4.6	11.8	6.4	12.9	4.0	10.2	4.2	3.8	3.6	4.2	8.5	13.4
11	4.6	11.4	5.8	12.2	4.0	10.0	4.2	3.7	3.6	4.0	8.4	13.1
12	4.5	10.8	12.5	11.1	4.0	10.2	4.0	3.7	3.6	4.0	8.6	12.7
13	4.4	10.1	12.7	8.6	4.0	10.0	3.9	3.7	4.6	3.9	8.6	12.3
14	4.2	8.4	10.6	6.6	4.0	9.7	3.8	5.0	4.8	3.8	12.0	11.6
15	4.1	6.6	7.1	6.0	9.8	8.2	3.8	6.0	5.7	3.8	12.9	10.4
16	4.0	8.0	5.8	5.6	4.8	7.2	3.8	4.8	7.0	3.8	12.4	7.6
17	4.0	7.7	5.4	5.2	4.2	6.8	3.8	6.1	5.3	4.1	12.5	6.2
18	4.0	7.4	5.3	5.0	4.1	5.8	4.0	4.7	4.8	4.0	14.4	7.1
19	3.9	9.2	5.5	7.4	5.8	5.5	3.8	4.4	5.0	4.0	15.80	9.6
20	3.9	10.4	5.4	5.8	5.6	5.6	3.8	4.1	5.4	4.0	15.0	11.8
21	4.0	9.4	5.4	5.4	4.4	5.8	3.8	4.0	6.2	4.0	14.2	13.0
22	5.5	8.8	5.6	9.4	5.3	5.0	3.9	3.8	12.5	3.9	13.7	12.6
23	12.2	7.9	5.6	12.2	9.9	4.4	3.9	3.8	12.7	4.1	13.2	12.6
24	13.2	6.8	5.7	8.3	10.7	4.4	3.8	3.7	10.4	7.2	12.4	11.8
25	14.4	7.2	6.0	6.6	11.2	4.3	3.8	3.7	8.2	4.8	11.8	10.6
26	14.0	11.0	5.6	7.0	11.1	4.2	3.8	3.6	6.9	4.5	11.1	9.8
27	13.4	10.0	5.4	6.0	12.2	4.2	3.8	3.6	5.8	4.4	10.2	8.4
28	14.4	8.4	5.8	6.0	11.3	4.5	3.9	3.6	5.1	4.3	8.8	7.8
29	14.6		6.2	5.8	10.4	4.4	3.8	3.6	4.6	4.2	9.6	7.2
30	14.2		5.7	10.4	10.6	4.6	4.2	3.6	4.4	4.3	9.0	6.4
31	13.7		5.5		9.4		4.6	3.6		4.2		5.9

8:00 a.m. readings

1956
WOLF RIVER
RALEIGH, TENN.

Zero of gage: 217.22 M.S.L. (217.51 M.G.L.)

Mile: 16.9

Lat.: 35°12'08" - Long.: 89°55'24"

Memphis District, CE gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tennessee.

Highest: 15.75 on 5 February

Lowest: 3.38 on 21 September.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 on 20 January 1935 from H.W. mark.

Lowest for period of record: 3.25 on 10 October 1946.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	9.8	6.4	4.4	10.2	4.0	5.0	3.6	3.6	3.4	3.6	3.7
2	4.0	11.4	6.2	4.4	9.2	4.0	4.7	3.6	3.6	3.4	3.6	3.7
3	4.0	14.3	6.2	4.3	8.8	3.9	4.2	3.6	3.5	3.5	3.6	3.7
4	4.0	15.6	5.9	9.0	8.4	3.9	4.0	3.6	3.5	3.5	3.6	3.7
5	4.0	15.75	5.6	7.8	7.7	3.9	3.8	3.6	3.4	3.7	3.6	3.7
6	4.0	15.6	5.3	10.4	7.4	3.9	3.8	3.6	3.4	3.6	3.6	3.8
7	4.0	15.2	5.1	11.4	7.4	3.8	3.7	3.6	3.4	3.5	3.6	3.8
8	4.0	14.2	5.3	10.2	7.7	3.8	3.7	3.6	3.4	3.5	3.6	4.4
9	4.0	13.8	5.1	8.6	6.4	3.8	6.0	3.6	3.4	3.4	3.6	4.2
10	4.0	13.1	5.0	9.2	5.6	3.8	5.0	3.6	3.4	3.4	3.6	4.0
11	4.0	12.4	4.8	10.8	5.2	3.8	4.5	3.5	3.4	3.4	3.6	3.9
12	4.0	11.9	4.8	11.5	4.8	3.8	4.0	3.5	3.4	3.4	3.6	3.9
13	4.0	10.8	4.8	12.1	4.5	3.8	3.8	3.5	3.4	3.4	3.6	4.8
14	4.0	8.2	10.9	11.7	4.4	3.8	3.8	3.5	3.4	3.4	3.6	5.4
15	4.0	8.2	11.2	10.6	12.0	4.3	3.7	3.5	3.4	3.4	3.6	4.9
16	4.0	11.4	11.0	9.5	12.1	5.4	3.6	3.5	3.4	3.4	4.3	5.0
17	4.0	12.9	11.2	9.0	5.2	4.4	3.6	3.5	3.4	3.4	4.0	4.8
18	4.0	13.8	10.8	8.2	4.4	4.1	3.6	3.5	3.4	3.4	3.9	4.8
19	4.1	13.6	10.2	7.0	4.4	4.2	3.6	3.5	3.4	3.4	3.8	4.9
20	4.0	13.6	8.8	6.1	4.4	4.0	3.8	3.7	3.4	3.4	3.9	5.3
21	4.1	13.8	6.8	5.5	5.0	4.0	4.6	3.8	3.38	3.4	3.9	5.4
22	4.2	13.3	5.8	5.2	4.3	3.9	4.2	3.6	3.4	3.4	3.8	5.2
23	4.2	12.7	5.2	4.8	4.2	3.8	3.9	3.6	3.4	3.4	3.8	5.6
24	4.2	12.3	5.0	4.6	4.1	5.8	3.8	3.6	3.4	3.5	3.8	5.6
25	4.2	12.0	4.8	4.5	4.1	4.3	4.1	3.6	3.4	3.5	3.8	5.4
26	4.3	11.4	4.6	4.4	4.1	4.8	3.9	3.5	3.4	3.8	3.8	5.2
27	4.3	10.0	4.6	4.4	4.3	4.0	3.8	3.5	3.4	3.6	3.8	5.2
28	4.4	8.0	4.6	4.3	4.8	4.0	3.7	3.5	3.4	3.6	3.8	5.1
29	4.4	7.0	4.5	4.3	4.2	4.0	3.7	3.6	3.4	3.5	3.8	5.0
30	9.8		4.4	5.2	4.1	8.3	3.6	3.5	3.4	3.5	3.7	4.8
31	10.2		4.4		4.0		3.6	3.8		3.7		4.6

8:00 a.m. readings

1955
WOLF RIVER
RALEIGH, TENN.

Zero of gage: 217.22 M.S.L. (217.51 M.G.L.)

Mile: 16.9

Lat.: 35° 12' 08" - Long.: 89° 55' 24"

Memphis District, CE gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tennessee.

Highest: 16.30 at 6:00 p. m. on 23 March.

Lowest: 3.58 at 6:00 p. m. on 20 September.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 on 20 January 1935 from H. W. mark.

Lowest for period of record: 3.25 on 10 October 1946.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.9	4.1	8.0	6.0	5.8	4.8	4.8	4.8	3.9	3.8	3.7	4.4
2	4.8	4.2	6.8	12.6	5.2	4.6	4.6	4.3	3.9	3.8	3.8	4.3
3	4.8	4.8	5.8	13.7	4.8	4.4	4.4	4.1	4.0	3.7	3.8	4.4
4	4.8	4.7	5.6	12.5	4.6	4.2	6.0	4.0	3.9	3.8	3.8	4.5
5	4.6	6.5	4.9	11.8	4.5	4.0	7.8	3.9	3.8	3.7	3.8	5.0
6	4.4	10.2	7.2	13.5	4.4	4.0	7.4	3.8	3.8	3.7	3.8	5.0
7	4.2	9.4	11.1	14.4	4.4	5.2	8.8	3.8	3.7	3.8	3.8	5.0
8	4.2	8.4	11.0	13.7	4.2	4.4	7.8	7.4	3.7	3.8	3.8	4.9
9	4.2	8.4	9.6	13.8	4.2	4.3	5.9	6.3	3.7	3.8	3.8	4.8
10	4.1	8.4	8.6	13.2	4.2	4.4	4.8	5.0	3.6	3.8	3.8	4.6
11	4.2	7.9	8.0	12.6	4.1	4.4	4.4	5.0	3.6	3.8	3.8	4.4
12	4.2	7.0	7.0	12.1	4.2	4.3	4.2	4.7	3.6	3.7	3.8	4.3
13	4.2	6.4	6.2	14.8	5.2	4.2	4.1	4.2	3.6	3.9	3.8	4.2
14	4.2	5.8	5.6	14.7	4.8	4.4	4.0	4.1	3.6	3.8	3.8	4.1
15	4.2	5.2	5.4	14.7	4.4	8.8	4.2	4.0	3.6	3.8	3.8	4.1
16	4.2	4.8	5.5	14.8	4.2	6.4	4.8	4.0	3.6	3.8	3.9	4.0
17	4.2	4.7	6.0	14.4	4.1	5.6	4.8	4.0	3.6	3.8	3.9	4.0
18	4.2	4.8	8.8	13.3	4.0	5.2	4.7	3.9	3.6	3.7	4.0	4.0
19	4.4	4.6	10.1	12.4	4.0	4.8	4.8	3.8	3.6	3.7	4.2	4.0
20	4.4	5.0	10.6	11.0	4.0	4.6	4.7	3.8	3.6	3.7	4.8	4.1
21	4.4	9.6	12.8	12.2	4.2	4.6	5.0	3.8	3.6	3.6	4.6	4.2
22	4.4	10.8	15.2	13.2	4.3	4.3	4.6	3.8	3.6	3.6	4.8	4.2
23	4.4	10.8	16.2	12.0	4.2	4.1	4.6	4.7	3.6	3.6	5.1	4.2
24	4.4	10.4	16.0	11.0	4.2	4.0	7.0	4.1	3.6	3.6	5.6	4.2
25	4.4	10.6	15.2	10.0	4.1	4.0	6.2	3.8	4.8	3.6	5.2	4.2
26	4.4	11.0	14.4	9.0	4.1	4.0	7.8	3.8	3.9	3.6	5.1	4.2
27	4.3	10.7	13.4	9.2	9.9	6.2	7.3	3.8	3.8	3.6	5.0	4.2
28	4.2	9.6	12.5	9.4	13.0	5.8	7.8	3.8	3.7	3.6	4.8	4.1
29	4.2		11.4	8.8	8.8	5.2	7.2	3.8	3.9	3.7	4.7	4.1
30	4.2		8.4	6.8	5.8	5.2	5.9	3.8	3.8	3.6	4.6	4.0
31	4.1		6.7		5.1		5.2	4.5		3.7		4.0

8:00 a. m. readings

1951
WOLF RIVER
RALEIGH, TENN.

Zero of gage: 217.51 m. g. l.
Mile: 16.9.
Lat.: 35° 12' 08" - Long.: 89° 55' 24".
Memphis District, CR gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tennessee.

Highest: 15.15 on 19 February.
Lowest: 3.58 at 2:00 a. m. on 15 September.
Period of record: 12 May 1936 to date.
Highest for period of record: 23.72 on 20 January 1935 from H. W. mark.
Lowest for period of records: 3.25 on 10 October 1946.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.8	7.8	6.6	5.3	6.2	6.2	3.9	3.7	3.6	3.7	3.9	4.0
2	4.8	7.4	6.0	5.0	7.0	5.8	3.8	3.7	3.6	3.6	3.8	4.1
3	4.8	7.0	6.2	4.8	11.9	10.5	3.8	3.8	3.6	4.4	3.8	4.0
4	4.8	6.4	5.8	4.8	11.7	11.8	3.9	3.8	3.6	5.2	3.8	4.0
5	4.6	5.8	5.6	4.8	11.0	10.2	3.9	3.8	3.6	5.2	3.8	4.0
6	4.6	5.4	5.5	4.8	10.2	6.2	3.9	3.8	3.6	4.8	3.8	4.0
7	4.5	5.2	5.4	4.7	9.5	5.7	3.8	7.9	3.6	4.2	3.8	4.0
8	4.5	5.0	5.2	4.6	9.0	5.6	3.8	4.4	3.6	3.9	3.9	4.0
9	4.5	5.0	5.2	4.6	8.1	5.4	4.4	4.2	3.6	3.8	3.9	4.1
10	5.6	4.9	5.1	4.6	6.9	5.4	4.0	4.2	3.6	3.7	3.9	4.1
11	7.2	4.9	5.0	4.6	5.9	5.3	3.9	4.1	3.6	3.7	3.9	4.1
12	6.2	4.8	4.9	5.2	5.2	4.8	3.9	4.0	3.6	3.7	3.9	4.2
13	6.0	4.8	4.8	5.9	5.0	4.4	3.8	3.8	3.6	3.7	3.9	4.2
14	5.6	4.7	4.8	5.9	4.8	4.3	3.8	3.8	3.6	3.7	3.9	4.2
15	11.2	4.7	4.8	5.5	4.7	4.2	3.8	3.8	3.6	3.7	3.9	4.2
16	11.5	9.5	4.7	5.3	4.6	4.2	3.8	3.7	3.6	3.7	3.9	4.2
17	14.1	13.8	4.6	5.5	4.6	4.2	3.8	3.7	3.6	3.7	3.9	4.2
18	13.9	11.6	4.6	5.6	4.8	4.2	3.8	3.7	3.6	3.7	4.0	4.2
19	13.4	15.15	4.6	5.4	4.9	4.2	3.7	3.6	3.6	3.6	4.0	4.1
20	13.1	14.8	4.6	5.2	4.8	4.1	3.7	3.7	3.6	3.6	4.0	4.1
21	14.4	14.4	4.6	5.0	4.6	4.1	3.9	3.9	3.6	3.6	4.0	4.0
22	14.9	14.0	4.6	4.9	4.5	4.0	3.8	4.0	3.6	3.6	4.0	4.0
23	14.7	13.6	4.6	4.8	4.4	4.0	3.8	4.2	3.6	3.7	4.0	4.0
24	14.2	13.2	4.6	4.8	4.4	4.0	3.8	4.1	3.6	3.7	4.0	4.0
25	13.8	12.4	4.7	4.6	4.3	4.0	3.8	4.0	3.6	3.7	4.0	4.0
26	13.3	11.7	4.8	4.5	4.3	4.0	3.8	3.8	3.6	3.7	4.0	4.0
27	13.0	10.6	5.0	4.6	4.2	3.9	3.8	3.7	3.6	3.7	4.0	4.0
28	12.8	10.2	5.0	4.6	4.4	3.9	3.8	3.7	3.6	3.7	4.0	4.4
29	11.9		4.9	9.0	4.5	3.9	3.8	3.7	3.6	3.8	4.0	5.2
30	11.0		4.8	6.4	9.8	3.9	3.7	3.6	4.0	3.8	4.0	5.0
31	9.6		4.8		6.8		3.7	3.6		3.8		4.8

8:00 a. m. readings

1953
WOLF RIVER
RALEIGH, TENN.

125

Zero of gage: 217.51 m. g. l.
Mile: 16.9.
Lat.: 35° 12' 08" - Long.: 89° 55' 24"
Memphis District, CE gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tennessee.

Highest: 16.30 at 2:00 a. m. on 18 May.
Lowest: 3.99 at 10:00 p. m. on 23 October.
Period of record: 12 May 1936 to date.
Highest for period of record: 23.72 on 20 January 1935 from H. W. mark.
Lowest for period of record: 3.25 on 10 October 1946.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.6	10.3	8.6	8.3	13.4	5.2	4.2	4.8	4.1	4.0	4.1	4.4
2	4.7	9.6	9.0	6.8	13.1	5.0	4.2	4.6	4.1	4.0	4.1	4.4
3	4.7	9.0	11.0	6.0	12.8	4.9	4.2	4.6	4.1	4.0	4.1	4.4
4	4.7	8.8	13.3	5.6	12.6	4.8	4.2	4.4	4.1	4.0	4.1	4.6
5	4.8	8.2	13.0	5.4	14.1	4.7	4.2	4.4	4.1	4.0	4.1	4.8
6	4.8	7.6	12.3	8.5	13.8	4.7	4.2	4.4	4.1	4.0	4.1	11.0
7	4.8	7.2	11.9	11.1	14.8	4.6	4.2	4.4	4.1	4.0	4.1	8.8
8	5.8	6.6	11.4	10.2	15.8	4.6	4.2	4.5	4.1	4.0	4.1	6.2
9	7.3	6.0	11.7	9.7	14.5	4.6	4.2	4.4	4.0	4.0	4.1	6.2
10	6.2	5.5	11.4	10.3	13.3	4.5	4.2	4.3	4.0	4.0	4.1	6.2
11	6.0	11.8	9.6	11.1	12.8	4.5	4.2	4.2	4.0	4.0	4.1	6.0
12	5.8	14.0	8.4	12.0	14.2	4.5	4.2	4.2	4.0	4.0	4.2	5.8
13	5.6	13.5	8.4	11.5	14.0	4.4	4.2	4.2	4.0	4.0	4.2	5.5
14	5.4	14.2	7.1	9.2	13.8	4.4	4.2	4.2	4.0	4.0	4.2	5.2
15	5.2	14.4	10.0	6.8	14.0	4.4	4.2	4.2	4.0	4.0	4.2	5.0
16	5.0	14.1	9.0	6.2	14.4	4.4	4.2	4.2	4.0	4.0	4.2	5.0
17	4.8	13.6	7.9	5.8	15.9	4.4	4.2	4.2	4.0	4.0	4.2	4.8
18	4.8	12.8	10.8	5.5	16.30	4.4	4.2	4.2	4.0	4.0	4.2	4.7
19	4.7	12.0	11.2	5.6	15.8	4.4	4.5	4.3	4.0	4.0	4.2	4.6
20	4.7	10.3	9.4	5.5	16.0	4.3	4.6	4.4	4.0	4.0	4.2	4.6
21	4.7	11.0	8.0	5.4	16.1	4.3	4.6	4.3	4.0	4.0	4.2	4.6
22	4.7	11.2	11.6	5.2	14.9	4.2	5.3	4.2	4.0	4.0	7.8	4.5
23	5.1	10.8	14.2	5.1	14.0	4.2	5.8	4.2	4.0	4.0	5.8	4.5
24	6.4	11.2	13.4	5.1	13.4	4.2	6.5	4.1	4.0	4.0	4.6	4.5
25	6.0	12.0	13.0	9.5	12.6	4.2	7.6	4.1	4.0	4.0	4.6	4.4
26	5.5	12.4	13.0	8.0	11.6	4.2	8.4	4.1	4.0	4.0	4.6	4.4
27	5.2	12.2	12.8	7.4	9.1	4.2	9.4	4.1	4.0	4.6	4.6	4.4
28	5.6	11.4	12.4	7.7	6.8	4.2	10.4	4.1	4.0	4.3	4.6	4.5
29	5.8		11.8	8.1	6.0	4.2	10.4	4.1	4.0	4.2	4.6	4.6
30	5.6		10.4	13.9	5.6	4.2	7.8	4.1	4.0	4.1	4.6	4.7
31	5.4		7.0		5.3		5.5	4.1		4.1		4.8

8:00 a. m. readings
2:00 a. m. reading

NOV. CE MEMPHIS (CLASS A)

1952
WOLF RIVER
RALEIGH, TENN.

Zero of gage: 217.51 m.g.l.

Mile: 16.9

Lat. 35° 12' 08" - Long. 89° 55' 24"

Memphis District, CE gage.

Recording gage is on Austin Peay Highway bridge over Wolf River at Raleigh, Tenn.

Highest: 14.45 at 10:00 p.m. on 12 Mar.

Lowest: 3.99 at 6:00 p.m. on 5 Oct.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 on 20 Jan. 1935 from H. W. mark.

Lowest for period of record: 3.25 on 10 Oct. 1946.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.1	13.9	6.4	10.8	5.2	4.9	4.4	4.7	4.1	4.0	4.2	4.6
2	7.6	13.2	6.0	11.2	5.0	5.0	4.4	4.4	4.3	4.0	4.2	6.0
3	8.6	13.8	9.4	10.2	5.0	5.0	4.3	4.2	4.2	4.0	4.2	5.8
4	11.5	13.7	13.1	9.8	4.9	5.0	4.2	4.2	4.2	4.0	4.2	5.5
5	12.2	14.3	13.4	10.0	4.8	4.7	4.5	4.2	4.2	4.0	4.2	5.4
6	11.1	13.8	13.8	9.3	4.8	5.0	4.3	4.3	4.2	4.0	4.2	5.8
7	9.8	13.6	13.6	8.8	4.8	4.8	4.2	4.8	4.2	4.0	4.2	5.7
8	8.5	13.1	13.0	8.0	4.8	4.7	4.2	4.6	4.1	4.0	4.2	5.6
9	7.4	12.6	12.4	7.0	4.7	4.8	4.2	4.4	4.1	4.0	4.4	5.6
10	8.6	11.8	11.6	6.6	5.0	4.8	4.2	4.4	4.0	4.1	4.9	5.6
11	8.4	10.1	13.2	6.2	5.6	4.6	4.2	4.4	4.0	4.1	5.0	5.5
12	8.0	7.4	13.8	6.0	5.0	4.5	4.2	4.4	4.0	4.2	4.7	5.4
13	8.0	11.5	14.2	11.0	4.9	4.4	4.3	6.3	4.0	4.2	4.7	5.2
14	8.0	13.0	13.1	11.8	4.8	4.4	4.4	5.0	4.0	4.2	4.7	5.0
15	8.2	12.4	12.4	10.8	4.8	4.4	4.3	4.6	4.0	4.2	4.7	4.8
16	8.3	11.7	12.0	10.0	4.8	4.4	4.2	4.4	4.0	4.2	4.7	4.8
17	7.3	11.6	11.5	8.6	4.7	4.4	4.3	4.3	4.1	4.2	4.6	4.6
18	7.0	11.2	10.0	7.6	4.6	4.3	4.2	4.3	4.2	4.1	4.6	4.6
19	6.3	10.3	11.3	7.0	4.6	4.3	4.2	4.2	4.2	4.1	4.7	4.6
20	5.9	11.7	10.4	6.5	4.8	4.4	4.2	4.2	4.2	4.1	5.2	4.6
21	5.8	13.3	9.1	6.0	4.7	4.4	4.2	4.2	4.2	4.1	5.2	4.6
22	9.6	12.2	10.2	5.6	4.7	4.4	4.2	4.2	4.1	4.1	5.2	4.6
23	11.4	12.0	11.4	5.4	4.8	4.3	4.2	4.2	4.1	4.1	5.3	4.6
24	10.6	11.7	11.2	5.4	5.4	4.3	4.2	4.1	4.1	4.1	5.2	4.6
25	8.7	11.0	11.6	5.4	5.0	4.3	4.1	4.1	4.1	4.2	5.1	4.6
26	7.4	9.7	12.4	5.4	4.8	4.2	4.1	4.2	4.1	4.2	5.0	4.6
27	11.0	8.2	12.2	5.4	4.8	4.2	4.1	4.1	4.0	4.2	5.0	4.6
28	13.6	7.2	11.3	5.3	4.8	4.2	4.0	4.1	4.0	4.2	4.8	4.5
29	12.8	6.6	9.4	5.3	4.9	4.2	4.0	4.1	4.0	4.2	4.7	4.5
30	13.6		8.0	5.2	4.9	4.2	4.2	4.1	4.0	4.2	4.6	4.5
31	14.0		7.3		5.0		4.8	4.1		4.2		4.6

8:00 a.m. readings

ADPT, CE MEMPHIS (CLASS A)

1951
WOLF RIVER
RALEIGH, TENN.

ZERO OF GAGE: 217.51 M.G.L.

MILE: 16.9

LAT. 35° 12' 08" - LONG. 89° 55' 24"

MEMPHIS DISTRICT, CE GAGE.

RECORDING GAGE IS ON AUSTIN PEAY HIGHWAY BRIDGE OVER WOLF RIVER AT
RALEIGH, TENN.

HIGHEST: 16.50 AT 2:00 P. M. ON 15 JAN.

LOWEST: 4.25 ON 49 SEPT.

PERIOD OF RECORD: 12 MAY 1936 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 23.72 ON 20 JAN. 1935 FROM H. W. MARK.

LOWEST FOR PERIOD OF RECORD: 3.25 ON 10 OCT. 1946.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	5.2	*	7.4	13.1	8.2	4.6	11.4	4.8	4.3	4.4	6.9	6.2
2	5.2	*	7.2	13.2	7.0	4.6	8.8	4.8	4.3	4.4	6.6	5.9
3	12.8	*	7.2	12.9	6.4	4.5	8.0	4.7	4.30	4.4	5.8	5.7
4	14.9	*	9.1	12.3	6.0	4.6	11.8	4.6	4.25	4.4	5.9	10.2
5	14.4	*	8.4	11.4	5.6	4.6	12.6	4.6	4.25	4.3	5.8	10.4
6	15.2	*	7.8	9.6	5.4	4.6	11.2	4.4	4.25	4.3	5.8	7.6
7	14.9	*	7.4	8.2	5.2	4.6	9.6	4.4	4.25	4.3	5.8	7.0
8	14.4	*	7.0	9.8	5.1	4.8	8.5	4.4	4.25	4.3	5.7	9.3
9	13.5	*	6.8	9.6	5.0	8.0	8.8	4.4	4.25	4.3	5.4	12.2
10	12.8	14.0	6.7	9.5	5.0	8.7	9.4	4.4	4.35	4.3	5.2	13.2
11	12.5	13.7	6.5	9.2	5.0	5.6	8.9	4.4	4.4	4.3	5.1	12.3
12	12.1	13.5	6.2	9.1	5.0	5.4	6.0	4.4	4.4	4.3	5.0	13.0
13	12.0	13.0	6.0	8.4	4.9	5.4	5.1	4.4	4.7	4.3	5.2	13.0
14	14.9	12.5	5.8	7.7	4.8	5.4	4.8	4.4	5.1	4.3	7.1	13.0
15	16.2	11.8	5.7	7.0	4.8	5.2	4.8	4.4	4.7	4.3	9.6	14.4
16	16.2	12.0	5.6	6.5	4.8	5.0	4.7	4.4	4.7	4.3	10.0	14.0
17	15.2	12.6	5.6	6.2	4.8	4.8	4.6	4.4	4.6	4.3	11.4	14.0
18	14.1	11.9	7.6	6.0	4.7	4.7	4.6	5.2	4.5	4.3	13.7	14.0
19	13.3	12.2	10.3	5.8	4.7	4.7	4.6	8.8	4.4	4.3	13.4	13.7
20	12.6	12.4	10.9	5.6	4.7	4.7	4.5	5.0	4.4	4.3	12.6	13.6
21	11.9	12.3	11.0	5.6	4.6	5.4	4.5	5.0	4.4	4.3	11.6	13.6
22	10.1	12.1	10.9	11.1	4.6	4.7	4.5	6.4	4.4	4.3	9.5	13.3
23	7.6	12.0	10.6	12.4	4.7	4.7	4.4	6.8	4.4	4.3	7.3	12.5
24	6.7	12.2	10.1	12.2	4.7	4.9	10.5	5.6	4.4	4.3	6.8	12.5
25	6.4	12.0	9.6	12.8	4.7	5.0	5.7	5.0	4.5	4.4	9.6	12.0
26	6.2	11.4	8.4	12.6	4.7	5.3	4.7	4.6	4.5	4.4	8.8	12.2
27	6.0	9.5	7.0	12.0	4.8	4.7	4.6	4.5	4.6	4.6	8.0	12.2
28	5.8	7.8	8.4	11.6	4.8	4.6	5.6	4.4	4.6	5.3	7.4	11.4
29	10.4		11.8	11.3	4.7	4.7	4.8	4.4	4.6	5.0	7.0	10.8
30	11.8		12.3	10.7	4.6	9.0	4.7	4.3	4.5	5.0	6.6	10.0
31	*		12.6		4.6		4.8	4.3		5.2		8.8

*GAGE FROZEN

8:00 A. M. READINGS

1950
WOLF RIVER
RALEIGH, TENN.

ZERO OF GAGE: 217.51 M.G.L.

MILE: 16.9

LAT. 35° 12' 08" - LONG. 89° 55' 24"

GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

*G.S. TYPE WIRE WEIGHT GAGE IS ON AUSTIN PEAY HIGHWAY BRIDGE OVER WOLF RIVER AT RALEIGH, TENN.

HIGHEST: 16.54 ON 2 FEB.

LOWEST: 4.39 AT 10:00 A. M. ON 8 AUG.

PERIOD OF RECORD: 12 MAY 1936 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 23.72 ON 20 JAN. 1935 FROM H. W. MARK.

LOWEST FOR PERIOD OF RECORD: 3.25 ON 10 OCT. 1946.

*8 DAY RECORDING GAGE INSTALLED ON 21 JULY 1949.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	5.5	16.4	13.0	11.7	10.0	4.8	4.5	4.6	13.3	4.9	4.8	6.2
2	9.9	16.54	13.0	11.2	12.1	4.8	4.5	4.6	13.1	4.8	4.7	5.9
3	13.3	16.2	12.6	10.6	11.2	5.2	4.5	4.5	12.8	4.7	7.3	10.6
4	12.9	15.1	12.7	8.5	10.5	8.5	4.4	4.5	13.1	4.7	6.8	13.5
5	13.3	14.4	12.4	7.2	7.6	9.0	7.6	4.5	11.9	4.7	6.8	13.3
6	14.7	13.7	12.4	6.8	7.0	9.2	5.1	4.5	10.0	4.6	6.4	14.4
7	14.8	13.1	12.1	6.5	12.6	9.9	4.6	4.4	9.8	4.6	6.6	15.4
8	15.4	12.6	11.0	6.2	13.2	10.2	4.8	4.4	10.2	4.6	9.9	14.8
9	15.1	12.1	8.0	6.1	12.6	9.8	5.3	4.8	10.3	4.6	12.3	14.5
10	14.6	12.2	7.2	6.0	9.7	8.3	5.3	5.0	8.3	4.6	13.0	13.8
11	16.2	11.8	6.8	6.7	7.0	7.1	4.9	5.1	6.4	4.6	11.9	13.3
12	15.0	11.1	9.8	6.6	6.6	6.3	4.6	5.3	5.6	4.6	11.4	12.8
13	14.7	14.2	13.6	5.9	8.2	6.0	4.5	5.5	5.4	4.6	11.5	12.1
14	14.6	14.8	14.1	5.7	7.9	5.9	5.0	5.4	5.4	4.6	11.6	11.2
15	14.4	14.0	14.7	5.4	7.1	5.5	4.6	4.8	5.8	4.6	9.9	8.7
16	14.8	14.2	14.4	5.4	6.6	5.8	4.7	4.5	5.8	4.5	8.0	7.2
17	14.9	13.7	13.9	5.4	6.2	5.9	4.8	4.4	5.6	4.5	10.0	6.6
18	14.1	13.4	13.2	5.3	6.0	5.4	4.8	6.3	5.5	4.5	7.4	6.2
19	13.5	13.0	12.5	5.2	5.8	4.9	4.7	4.8	5.3	4.5	7.0	5.9
20	13.1	12.4	12.0	5.2	5.4	4.8	4.7	4.6	5.1	4.5	8.4	5.8
21	12.8	11.9	11.2	5.1	5.2	4.7	4.6	4.6	5.0	4.5	11.0	5.7
22	12.6	11.3	8.6	5.2	5.1	4.8	4.5	4.5	4.9	9.5	11.1	5.6
23	12.4	11.5	8.0	5.2	5.1	5.7	4.5	4.5	4.8	8.4	10.4	5.5
24	12.0	11.2	8.6	5.1	5.2	5.7	4.6	4.5	4.7	6.2	10.0	5.4
25	11.5	10.9	9.6	5.5	5.0	5.5	5.8	5.3	4.7	6.0	9.8	5.4
26	10.3	10.9	9.5	7.0	5.0	5.4	4.9	13.2	4.7	5.7	9.6	5.4
27	12.4	11.0	10.9	5.5	4.9	5.0	7.2	12.8	4.6	5.5	9.2	5.3
28	13.0	11.1	13.6	5.5	4.8	4.7	5.2	11.4	4.8	5.4	8.6	5.3
29	12.0		12.7	5.5	4.7	4.6	4.8	11.5	5.2	5.2	7.7	5.3
30	12.2		12.1	5.8	4.8	4.6	4.8	12.8	5.0	5.0	6.7	5.2
31	15.2		12.0		4.9		4.7	13.2		4.9		5.2

8:00 A. M. READINGS

1949
WOLF RIVER
RALEIGH, TENN.

ZERO OF GAGE: 217.51 M.G.L.

MILE: 16.9

LAT. 35° 12' 08" - LONG. 89° 55' 24"

GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

G.S. TYPE WIRE WEIGHT GAGE IS ON AUSTIN PEAY HIGHWAY BRIDGE OVER WOLF RIVER AT RALEIGH, TENN.

HIGHEST: 16.00 AT 4:00 P.M. ON 17 JUNE.

LOWEST: 4.10 ON 28 SEPT. AND 2-4 OCT.

PERIOD OF RECORD: 12 MAY 1936 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 23.72 ON 20 JAN.; 1935 FROM H.W. MARK.

LOWEST FOR PERIOD OF RECORD: 3.25 ON 10 OCT. 1946.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	7.4	12.8	5.8	12.8	5.8	4.8	5.3	4.5	4.5	4.11	4.8	4.5
2	7.0	12.3	5.8	12.2	9.2	7.2	5.2	4.4	4.4	4.10	4.8	4.5
3	8.8	11.7	5.6	12.2	8.0	5.4	5.0	4.3	4.3	4.10	4.8	4.5
4	12.2	11.5	5.4	12.0	7.7	6.7	5.2	4.3	4.2	4.10	4.8	4.5
5	13.6	11.6	5.4	11.6	7.2	6.6	5.0	4.3	4.2	4.26	4.8	4.5
6	13.8	10.7	5.2	11.0	6.4	7.0	4.8	4.4	4.2	8.2	4.8	4.5
7	14.4	10.2	5.1	9.2	6.0	6.8	4.6	4.3	4.3	5.1	4.8	4.5
8	14.6	9.8	5.1	6.8	5.6	6.4	4.6	4.3	4.4	4.8	4.6	4.6
9	14.2	9.2	6.4	6.2	5.2	7.0	4.8	4.4	4.4	4.6	4.6	4.6
10	13.4	8.3	11.4	5.9	5.0	5.6	4.8	4.4	4.4	4.6	4.5	4.6
11	12.8	7.2	11.6	5.9	4.8	5.8	5.6	4.5	4.3	4.7	4.5	7.2
12	11.8	6.5	10.6	8.0	4.8	5.9	4.8	4.4	4.3	4.8	4.5	12.0
13	9.3	6.5	11.1	14.1	4.8	6.5	4.8	4.4	4.2	4.6	4.5	13.5
14	6.9	5.8	11.5	13.6	5.0	10.2	4.8	4.4	4.2	4.6	5.2	13.5
15	6.2	5.9	11.4	13.4	5.2	12.8	5.0	4.4	4.2	4.6	5.1	14.2
16	5.8	10.6	10.1	13.2	5.2	12.6	5.5	4.6	4.2	4.5	5.1	14.2
17	9.2	10.7	7.0	12.6	5.0	15.5	6.9	6.2	4.2	4.5	5.0	13.4
18	11.3	10.2	7.3	11.8	4.8	15.4	6.6	4.8	4.2	4.5	4.9	12.9
19	11.6	10.2	9.0	10.6	4.6	14.0	6.4	4.9	4.2	4.6	4.9	12.3
20	11.3	10.4	8.0	7.4	4.6	13.2	6.1	4.9	4.2	4.8	4.8	11.3
21	10.6	10.2	7.4	6.0	4.6	12.8	5.6*	4.8	4.2	4.8	4.8	9.4
22	12.3	9.8	9.3	5.6	4.6	12.9	5.1	4.7	4.2	7.1	4.6	8.3
23	12.8	9.2	10.5	5.4	4.6	12.0	4.8	4.7	4.2	6.5	4.5	9.2
24	13.2	8.2	10.0	5.4	4.6	11.2	4.6	4.7	4.2	5.9	4.5	7.4
25	13.4	7.7	12.3	5.2	4.8	12.1	4.5	4.6	4.1	6.7	4.5	6.7
26	13.2	7.2	13.8	5.2	4.8	13.0	4.5	4.5	4.1	5.9	4.5	6.2
27	14.2	6.6	13.8	5.2	4.9	12.6	4.7	4.5	4.11	5.8	4.5	6.8
28	14.2	6.5	14.9	5.1	4.9	11.8	4.5	4.7	4.10	5.7	4.5	7.1
29	13.4		14.4	5.0	5.0	9.3	4.6	5.1	4.11	5.6	4.5	6.3
30	13.2		13.2	5.0	5.8	6.3	4.7	5.3	4.11	5.2	4.5	5.9
31	13.0		13.1		5.0		5.0	4.8		4.9		5.7

8:00 A.M. READINGS.

* 3 DAY RECORDER INSTALLED ON 21 JULY 1949.

1948
WOLF RIVER
RALEIGH, TENN.

ZERO OF GAGE: 217.51 M.G.L.

MILE: 16.9

LAT. 35° 12' 06" - LONG. 89° 55' 24"

GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

G.S. TYPE WIRE WEIGHT GAGE IS ON AUSTIN PEAY HIGHWAY BRIDGE OVER WOLF RIVER AT RALEIGH, TENN.

HIGHEST: 18:00 ON 15 FEB.

LOWEST: 4:00 ON 21-28 SEPT.

PERIOD OF RECORD: 12 MAY 1936 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 23.72 ON 20 JAN; 1935 FROM HW MARK.

LOWEST FOR PERIOD OF RECORD: 3.25 ON 10 OCTOBER 1946.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	8.4	5.0	13.7	13.0	4.8	4.6	4.5	8.0	4.2	4.4	4.4	10.7
2	10.5	5.0	14.2	12.3	4.8	4.6	4.4	8.4	4.2	4.4	4.8	11.2
3	9.4	5.0	14.5	11.8	4.8	4.6	4.3	8.7	4.2	4.4	4.8	11.6
4	9.4	6.0	14.0	11.6	6.1	4.5	4.2	7.0	4.2	4.4	4.5	11.6
5	10.5	11.4	13.4	11.3	7.5	4.4	4.1	5.0	4.2	4.2	6.8	11.8
6	13.6	12.9	13.6	11.0	8.8	4.3	4.3	4.6	4.3	4.2	8.6	11.5
7	13.4	12.9	13.7	9.9	9.5	4.4	4.2	4.4	4.6	4.2	8.7	9.2
8	12.6	12.7	13.0	10.5	10.0	4.4	4.2	4.4	4.6	4.2	9.8	7.5
9	11.5	12.9	12.6	11.8	10.6	4.4	4.2	4.4	4.6	4.2	11.0	6.2
10	9.6	12.5	11.8	10.8	10.6	4.4	4.2	4.4	4.6	4.2	11.6	6.0
11	5.8	12.3	11.2	8.6	10.1	4.4	4.2	4.4	4.7	4.2	11.3	5.7
12	5.4	13.9	10.2	7.8	8.4	4.4	4.2	4.4	4.4	4.2	9.5	5.4
13	5.3	16.1	9.0	8.8	7.2	4.4	4.2	4.4	4.2	4.2	8.0	5.4
14	6.0	17.0	7.2	12.2	6.6	4.3	4.4	5.0	4.2	4.2	6.4	5.2
15	6.0	18.0	6.4	12.6	6.0	4.3	4.4	5.9	4.2	4.1	5.6	5.4
16	5.8	16.7	9.0	13.2	5.2	4.4	4.5	5.0	4.2	4.1	5.5	9.7
17	5.8	15.2	10.0	13.3	5.0	5.2	4.5	4.6	4.2	4.2	5.9	11.5
18	5.7	13.8	8.2	13.1	5.0	6.7	4.9	4.3	4.2	4.2	7.0	10.0
19	5.5	13.0	8.2	12.2	5.0	6.8	5.0	4.4	4.2	4.2	12.3	9.4
20	5.4	12.2	8.6	11.6	4.8	7.0	5.4	4.4	4.1	4.2	12.4	9.2
21	5.4	11.1	9.0	9.0	4.8	7.2	5.0	4.3	4.0	4.4	14.0	9.4
22	5.4	9.5	11.1	6.6	4.6	7.2	4.8	4.2	4.0	4.3	16.2	9.3
23	8.8	8.4	13.1	5.9	4.6	6.7	5.5	4.2	4.0	4.3	15.6	8.6
24	8.1	7.7	12.5	5.5	4.6	6.0	6.5	4.2	4.0	4.3	14.0	8.2
25	7.1	7.4	11.4	5.2	4.6	5.1	6.6	4.2	4.0	4.2	13.2	6.5
26	6.5	12.4	11.1	5.2	4.6	4.8	5.4	4.2	4.0	4.2	12.5	6.5
27	6.5	15.0	10.4	5.2	4.6	4.7	7.0	4.2	4.0	4.2	11.7	5.8
28	5.6	15.9	9.4	4.8	4.6	4.8	5.2	4.2	4.0	4.2	10.7	5.6
29	5.2	14.7	9.3	4.8	4.6	5.0	5.0	4.2	4.2	4.2	10.7	7.3
30	5.1		8.8	4.8	4.6	4.6	5.4	4.2	4.2	4.2	10.6	9.5
31	5.0		12.8		4.6		6.8	4.2		4.3		8.3

8:00 A.M. READINGS.

1947
WOLF RIVER
RALEIGH, TENN.

ZERO OF GAGE: 217.51 M.G.L.

MILE: 16.9

LAT. 35° 12' 08" - LONG. 89° 55' 24"

GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

G.S. TYPE WIRE WEIGHT GAGE IS ON AUSTIN PEAY HIGHWAY BRIDGE OVER WOLF RIVER AT RALEIGH, TENN.

HIGHEST: 14.55 ON 3 JANUARY AT 4:00 P.M.

LOWEST: 3.80 ON 9-10 AUGUST AT 8:00 A.M.

PERIOD OF RECORD: 12 MAY 1936 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 23.72 ON 20 JAN; 1935 FROM HW MARK.

LOWEST FOR PERIOD OF RECORD: 3.25 ON 10 OCTOBER 1946.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	11.6	10.1	5.1	5.3	6.0	10.0	6.1	4.5	4.0	4.0	8.8	4.8
2	12.2	8.6	5.2	5.0	8.3	6.2	5.8	4.5	4.0	4.0	9.8	4.8
3	14.2	8.4	5.2	4.9	6.4	5.3	5.6	4.4	4.0	4.0	8.8	4.6
4	13.8	8.6	5.2	5.0	5.6	4.8	5.3	4.2	4.0	4.0	8.4	4.6
5	13.4	9.5	5.2	4.8	5.5	5.1	4.7	4.1	3.9	7.8	9.8	4.6
6	13.4	10.2	8.5	5.0	5.7	5.1	4.4	4.0	3.9	6.0	9.4	4.4
7	13.4	8.5	7.6	5.4	5.3	5.3	4.2	4.0	3.9	4.2	9.5	4.4
8	13.2	6.0	8.6	5.3	5.5	5.5	4.4	4.8	3.9	4.1	9.2	4.5
9	12.2	5.4	10.6	5.8	4.5	5.0	4.4	3.8	3.9	4.0	8.6	4.8
10	11.6	5.1	10.5	6.0	4.6	4.6	4.8	3.8	3.9	4.0	6.7	4.9
11	10.6	5.0	10.5	9.8	4.6	4.3	4.5	4.0	4.6	4.0	7.2	5.0
12	7.5	4.8	9.6	11.7	4.5	4.2	4.4	4.0	6.2	4.0	7.3	5.0
13	7.1	4.6	9.5	11.6	4.4	4.2	4.4	4.0	7.0	4.0	5.8	5.0
14	6.6	4.6	8.0	11.2	4.6	4.4	4.2	4.0	7.2	4.0	5.6	5.3
15	10.0	4.6	7.2	11.8	5.2	4.3	4.2	4.0	7.2	4.0	11.0	5.3
16	12.0	4.6	6.5	12.4	4.6	4.0	4.1	4.2	7.1	4.0	11.4	10.4
17	10.2	4.6	6.5	12.4	4.6	4.0	8.8	4.4	6.1	4.0	10.7	10.6
18	12.4	4.6	5.8	12.0	5.6	4.0	9.3	5.3	4.8	4.0	10.2	9.7
19	12.7	4.6	5.5	11.5	5.1	4.0	10.2	5.4	4.2	4.0	9.9	9.3
20	12.6	4.8	5.5	9.4	5.6	4.0	6.8	5.8	4.2	4.0	9.2	9.1
21	13.2	5.0	5.2	8.0	6.5	6.4	6.3	5.0	4.5	4.0	8.4	8.1
22	12.6	6.0	5.2	6.8	6.2	9.0	4.8	4.4	4.0	4.0	7.8	7.4
23	12.4	6.2	5.0	5.8	5.3	12.6	4.7	4.2	4.0	4.0	6.8	7.5
24	11.9	5.9	5.4	5.6	5.6	13.2	4.6	4.5	4.0	4.0	5.8	6.2
25	11.2	5.7	6.8	5.4	10.6	12.6	4.4	4.0	4.0	4.0	5.2	5.4
26	10.9	5.6	6.6	5.6	11.2	13.1	4.2	3.9	4.0	4.0	5.0	5.0
27	9.9	5.5	6.4	5.4	10.4	12.8	4.2	4.0	4.0	5.3	4.8	4.9
28	9.6	5.2	6.0	5.2	11.0	12.2	4.1	4.0	4.0	7.1	4.8	4.8
29	8.5		5.9	5.1	11.5	10.6	4.5	4.0	4.0	5.4	4.8	4.6
30	9.5		5.8	5.1	11.7	7.6	4.5	4.0	4.0	5.2	4.8	4.6
31	11.4		5.8		11.2		4.5	4.0		5.3		4.6

8:00 A.M. READINGS.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. Mile 14.0 for the calendar year 1946

Zero elevation 217.51 feet above M.G.L.

Bank full stage feet on gauge

U.S.C.S.M. 6-0-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1		5.45	5.70	14.50	5.25	9.35	4.90	5.50	3.90	4.05	4.75	5.50	1
2	7.50	5.47	6.80	13.25	4.85	9.85	4.95	4.60	3.85	3.90	4.65	5.25	2
3	6.90	5.35	6.20	12.60	6.85	7.90	4.75	4.40	3.85	3.90	4.45	4.90	3
4	7.40	5.20	5.85	11.70	6.10	6.35	4.65	4.60	3.80	3.95	4.30	4.80	4
5	8.20	5.10	5.85	10.50	5.80	6.80	5.50	4.70	3.80	4.05	4.15	4.75	5
6	10.80	11.50	5.95	6.75	5.45	6.70	8.25	4.60	3.75	3.90	4.15	4.60	6
7	11.50	12.85	8.55	5.95	5.50	6.50	9.80	4.55	3.75	3.85	6.15	4.50	7
8	11.65	11.76	9.50	5.65	5.70	5.90	8.90	4.30	3.70	3.55	6.00	4.50	8
9	20.40	12.56	9.35	5.55	5.55	5.40	9.85	4.25	3.70	3.40	6.20	4.40	9
10	19.80	13.75	10.55	8.25	5.25	5.50	10.40	4.30	3.70	3.25	7.45	4.50	10
11	17.65	14.94	11.65	11.15	5.15	5.10	10.25	4.35	3.85	3.35	9.95	4.65	11
12	16.60	15.50	12.20	9.55	4.90	4.80	9.10	4.24	3.80	3.50	9.50	5.80	12
13	17.40	14.90	11.65	8.50	5.25	4.70	8.25	4.20	3.70	3.90	8.00	8.40	13
14	13.60	14.80	9.50	8.60	5.25	4.80	7.40	4.15	3.65	3.85	7.70	8.35	14
15	13.80	13.55	6.90	8.55	5.15	4.70	6.60	4.10	3.70	3.80	7.16	7.85	15
16	12.50	13.40	11.35	8.25	5.15	4.40	5.85	4.05	3.85	3.75	7.16	7.80	16
17	12.40	12.50	12.90	9.55	5.20	4.20	5.00	4.00	3.90	3.70	7.40	6.80	17
18	11.56	11.95	11.70	7.65	5.00	4.15	4.75	4.00	3.85	3.60	8.50	5.50	18
19	11.35	11.25	10.85	6.70	4.90	4.00	4.60	4.00	3.80	3.55	8.15	5.35	19
20	11.60	9.85	10.65	6.35	4.60	4.50	4.25	4.15	3.75	3.55	7.00	5.90	20
21	12.50	8.40	10.70	6.00	4.80	4.20	4.28	4.40	3.75	3.75	6.25	5.95	21
22	12.35	6.75	9.65	5.70	5.00	4.25	4.30	4.30	3.80	3.65	6.00	5.30	22
23	11.55	6.10	8.75	5.55	5.50	4.70	4.30	4.25	3.90	3.85	5.50	5.15	23
24	11.50	6.50	6.25	5.10	5.25	4.79	5.00	4.20	4.00	4.00	5.40	4.90	24
25	11.70	6.25	6.95	5.25	9.85	4.95	5.50	4.15	4.80	4.90	5.35	4.80	25
26	10.37	6.15	11.30	5.25	12.90	5.50	5.35	4.05	4.50	6.15	7.20	4.75	26
27	8.45	6.50	14.45	5.30	11.35	4.85	4.60	4.00	4.50	6.00	6.50	4.70	27
28	7.32	5.75	14.50	5.15	10.30	4.80	4.50	3.95	4.10	5.10	7.15	4.65	28
29	6.25		14.50	5.05	11.50	4.70	4.40	3.95	4.20	5.50	6.65	11.55	29
30	6.50		14.35	5.25	10.80	5.30	4.60	3.90	4.25	4.95	6.50	14.15	30
31	5.85		15.35		10.35		5.25	3.90		4.85		12.65	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. readings.

Highest: 20.40 on 9 Jan.

Lowest: 3.25 on 10 Oct.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 from H.W. mark on 20 Jan 1935.

Lowest for period of record: 3.25 on 10 Oct 1946.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. for the calendar year 1945
(Mile 14.0)
Zero elevation 217.51 feet above M.G.L.
Bank full stage feet on gauge

U.S.C.S.M. 5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	16.00	4.45	15.30	13.00	10.35	3.90	3.70	5.00	3.60	10.30	3.85	10.80	1
2	16.20	4.40	14.15	14.25	10.65	3.85	3.70	4.80	3.60	10.55	3.80	10.30	2
3	15.40	4.30	14.20	14.15	10.70	3.85	4.65	4.55	3.55	7.00	3.95	10.00	3
4	15.00	4.30	14.35	13.30	10.15	3.80	4.35	3.95	4.00	6.35	5.10	10.10	4
5	14.20	4.35	13.50	13.00	8.80	3.70	4.25	3.80	4.10	6.40	5.80	10.20	5
6	13.20	4.35	13.50	13.05	5.85	3.70	4.00	4.00	4.15	6.70	6.10	10.25	6
7	13.40	4.40	13.00	12.80	4.70	3.75	3.90	5.00	3.75	6.85	6.25	10.00	7
8	13.20	4.45	12.50	12.80	4.80	3.70	3.80	5.00	3.65	6.80	6.35	9.30	8
9	12.30	4.45	12.15	11.40	5.60	3.65	3.70	4.85	3.65	6.35	8.00	9.00	9
10	11.90	4.50	11.60	10.00	5.40	3.65	3.70	4.30	3.95	6.00	11.50	8.85	10
11	11.00	4.80	10.40	8.20	5.45	4.85	3.70	4.15	4.00	4.30	13.50	8.50	11
12	10.50	4.65	9.00	7.30	5.60	5.85	3.70	4.45	4.10	4.20	12.50	8.20	12
13	9.75	8.65	8.25	6.40	5.95	5.35	3.70	4.45	5.00	4.00	12.05	7.85	13
14	9.40	9.65	7.70	5.75	6.10	5.05	3.65	4.30	7.05	4.00	12.20	7.20	14
15	9.00	8.15	7.60	5.25	5.90	8.65	4.20	4.40	5.90	3.90	12.45	8.00	15
16	8.50	7.60	7.70	4.80	10.25	8.90	3.85	4.20	6.55	3.85	12.30	8.60	16
17	8.00	9.00	8.00	4.95	10.75	9.50	3.85	4.00	6.50	3.75	11.65	8.40	17
18	7.30	11.50	8.95	5.25	9.75	11.00	3.85	4.40	6.00	3.75	11.10	8.15	18
19	8.50	12.00	9.20	4.90	7.25	10.50	3.70	4.50	5.85	3.75	12.50	8.50	19
20	10.10	12.50	11.80	4.65	5.45	7.00	3.60	4.00	5.20	3.75	14.50	9.10	20
21	9.25	13.25	12.50	4.60	5.35	5.75	3.60	3.75	4.90	3.65	14.50	9.25	21
22	8.80	13.65	12.50	4.45	5.50	5.00	3.60	4.35	4.00	3.65	14.75	9.30	22
23	8.00	13.60	12.60	4.45	5.25	4.80	3.60	5.00	3.85	3.60	15.40	9.35	23
24	7.00	13.30	12.60	4.35	4.60	4.40	3.60	4.95	3.80	3.50	14.50	10.00	24
25	6.40	12.50	12.50	4.15	4.20	4.10	3.60	4.75	3.70	3.30	14.00	11.40	25
26	5.90	12.30	12.75	4.00	4.15	4.00	3.65	3.80	3.70	3.85	13.40	12.50	26
27	5.45	12.50	12.60	4.25	4.15	3.80	5.00	3.65	3.75	3.85	13.20	12.70	27
28	5.00	14.30	11.85	8.30	4.10	3.75	5.75	3.60	3.80	4.00	12.80	12.90	28
29	4.75		11.40	11.05	4.10	3.70	6.10	3.60	4.00	4.00	12.15	12.00	29
30	4.65		10.85	10.75	4.00	3.70	6.15	3.60	4.10	3.90	11.50	11.50	30
31	4.55		12.15		3.95		5.75	3.60		3.90		10.75	31
Sum													
Mean	Note: Time basis Central War Time during interim 2:00 a.m., 9 February 1942 to 2:00 a.m., 30 Sept. 1945. To convert War Time to Standard Time, subtract one hour.												
High													
Low													

Remarks: 8:00 a.m. readings.

Highest: 16.20 on 2 Jan.

Lowest: 3.30 on 25 Oct.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 from H.W. Mark on 20 Jan. 1935.

Lowest for period of record: 3.30 on 25 Oct. 1945 and Aug., Sept., Oct. 1943.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. for the calendar year 1944
 (Mile 14.0)
 Zero Elevation 217.51 feet above M.G.L.
 Bank full stage feet on gauge.

U.S.C. 34, 11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	5.40	4.08	12.90	14.70	11.50	4.55	3.50	4.25	7.90	3.85	3.50	3.95	1
2	5.80	4.04	12.45	14.00	11.40	4.80	3.50	4.50	9.65	3.85	3.50	3.90	2
3	8.90	4.00	12.20	13.55	11.75	4.65	3.50	4.50	9.15	3.95	3.50	3.90	3
4	8.00	4.00	11.95	12.75	10.50	4.40	3.50	4.20	9.00	4.15	3.50	3.85	4
5	7.25	3.95	11.75	12.25	12.05	4.20	3.50	4.00	8.90	4.40	3.50	3.75	5
6	7.10	3.90	11.75	11.60	12.15	4.00	4.25	3.65	8.40	4.70	3.50	4.00	6
7	6.30	3.90	11.05	10.90	11.50	4.00	3.75	3.60	8.10	5.50	3.50	5.40	7
8	6.00	4.10	9.80	10.10	11.35	4.00	3.55	3.50	8.60	6.00	3.50	10.40	8
9	5.50	12.90	7.40	14.55	11.30	3.85	3.50	3.50	8.70	4.90	6.80	7.50	9
10	4.95	13.75	6.10	14.00	10.85	4.80	3.50	3.50	8.20	5.00	8.10	6.00	10
11	4.50	14.00	5.85	14.50	10.00	5.45	3.50	3.50	6.70	5.60	6.70	5.80	11
12	4.25	14.15	4.95	14.40	7.75	5.35	3.50	3.50	4.70	6.25	6.40	5.15	12
13	4.20	13.50	4.75	13.50	5.90	4.85	3.50	3.50	4.25	5.50	6.00	5.05	13
14	4.15	13.15	4.60	13.00	5.30	7.15	3.50	3.50	3.95	4.30	5.60	5.00	14
15	4.15	12.55	4.50	12.65	5.00	6.60	3.50	3.50	3.85	3.85	5.00	4.95	15
16	4.15	12.00	4.45	12.00	4.60	6.00	3.50	3.50	3.80	3.60	4.40	4.60	16
17	4.25	11.70	4.40	11.00	4.40	5.00	3.50	3.50	3.70	3.55	4.20	4.35	17
18	4.25	12.50	4.30	9.00	4.25	4.20	3.50	3.50	3.65	3.50	4.10	4.20	18
19	4.25	12.20	4.50	6.15	4.15	4.00	3.50	3.50	3.65	3.50	4.35	4.10	19
20	4.45	12.00	8.65	5.85	4.05	3.80	3.50	3.50	3.60	3.50	4.55	4.00	20
21	4.50	13.15	7.70	6.30	4.00	3.70	3.50	3.50	3.60	3.50	4.70	3.90	21
22	4.50	12.95	7.45	6.15	3.90	3.70	3.50	3.50	3.60	3.50	4.80	3.80	22
23	4.50	13.15	8.00	8.00	3.80	3.65	3.50	3.60	3.60	3.50	4.50	3.70	23
24	4.40	13.00	8.55	11.05	3.90	3.65	3.50	3.75	3.60	3.50	4.40	3.65	24
25	4.30	12.95	8.90	12.30	3.95	3.65	3.50	4.15	3.60	3.50	4.35	11.50	25
26	4.20	13.25	9.10	13.70	4.00	3.65	3.50	4.00	3.60	3.50	4.35	13.80	26
27	4.10	13.35	10.10	13.30	4.30	3.65	4.15	3.60	3.55	3.50	4.35	13.45	27
28	4.10	12.70	12.10	12.60	4.00	3.65	4.85	3.50	3.55	3.50	4.35	13.90	28
29	4.10	13.25	13.65	12.05	4.10	3.60	4.75	3.50	5.00	3.50	4.00	13.83	29
30	4.10		14.25	12.00	4.20	3.55	4.35	3.50	3.90	3.50	4.00	14.10	30
31	4.10		15.60		4.40		4.05	3.60		3.50		14.20	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings (Central War Time).

Highest: 15.60 on 31 March.

Lowest: 3.50 on various dates in July, Aug., Oct. and Nov.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 from H.W. Mark on 20 Jan. 1935.

Lowest for period of record: 3.30 in Aug., Sept. and Oct. 1943.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. for the calendar year 1943
 (Mile 14.0)
 Zero elevation 217.51 feet above M.G.L.
 Bank full stage feet on gauge

M.P.C. 5M. 5-8-27

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	12.90	5.40	4.25	11.05	3.90	5.85	3.55	3.50	3.30	3.40	3.55	3.65	1
2	12.95	5.95	4.05	11.70	3.90	5.85	3.45	3.45	3.30	3.45	3.40	3.65	2
3	12.65	5.95	4.00	11.25	3.85	5.80	3.45	3.45	3.30	3.40	3.35	3.65	3
4	12.05	5.85	4.00	7.15	3.80	5.85	3.50	3.45	3.30	3.40	3.35	3.65	4
5	10.45	7.00	4.00	5.70	3.80	6.00	3.50	3.45	3.30	3.40	3.35	3.70	5
6	5.95	7.85	4.45	5.25	3.80	6.55	3.50	3.45	5.70	3.35	3.35	3.70	6
7	4.95	8.10	6.05	5.00	3.80	5.50	3.50	3.45	8.80	3.35	4.35	3.70	7
8	4.75	8.50	6.00	4.75	3.80	4.95	3.50	3.45	4.65	3.35	4.50	3.75	8
9	4.65	8.95	5.25	4.60	7.60	4.35	3.50	3.45	4.00	3.35	5.30	3.85	9
10	4.60	9.65	5.00	4.40	9.75	8.25	3.50	3.45	3.65	3.35	5.25	3.85	10
11	4.45	10.10	8.75	4.40	11.15	9.00	3.50	3.45	3.50	3.35	4.95	3.85	11
12	4.45	8.10	11.55	5.40	11.25	8.90	3.50	3.45	3.45	3.35	4.95	3.85	12
13	4.45	5.20	14.05	7.70	11.50	5.20	3.50	3.45	3.40	3.35	5.20	3.85	13
14	4.35	4.85	15.05	7.75	10.40	4.50	3.50	3.45	3.40	3.30	5.10	3.75	14
15	4.30	4.65	15.65	7.90	8.30	4.25	3.50	3.40	3.30	3.30	4.65	3.75	15
16	4.20	4.45	14.90	7.90	8.40	4.10	3.50	3.40	3.30	3.30	4.10	3.75	16
17	4.20	4.35	14.00	7.90	8.90	3.80	3.50	3.40	3.30	3.30	3.90	3.65	17
18	4.20	4.15	13.30	7.70	8.95	3.75	3.50	3.40	3.30	3.30	3.90	3.65	18
19	4.10	4.20	13.20	9.65	5.75	3.65	3.50	3.40	3.45	3.30	3.80	3.65	19
20	4.05	4.20	13.20	9.15	4.65	3.65	3.50	3.30	3.50	3.30	3.65	3.65	20
21	4.05	4.20	12.50	8.40	6.05	3.60	3.50	3.30	4.70	3.30	3.65	3.70	21
22	4.00	5.50	11.90	7.75	6.70	3.60	3.50	3.30	5.10	3.30	3.70	3.70	22
23	4.00	5.45	11.25	7.00	6.60	3.60	3.50	3.30	5.25	3.30	3.75	3.70	23
24	4.00	4.85	9.95	5.85	5.70	3.55	3.50	3.30	5.60	3.30	3.75	3.70	24
25	4.00	4.75	8.60	4.90	5.35	3.55	3.50	3.30	6.15	3.30	3.75	3.70	25
26	4.00	4.75	7.60	4.60	7.45	3.55	3.50	3.30	6.40	3.30	3.75	6.15	26
27	4.00	4.45	10.20	4.45	6.05	3.60	4.85	3.30	5.05	3.30	3.70	5.05	27
28	4.15	4.30	9.85	4.35	5.90	3.85	3.85	3.30	4.30	3.30	3.70	5.30	28
29	4.15		9.35	4.05	6.15	3.85	3.50	3.30	3.65	3.30	3.65	5.65	29
30	4.35		9.55	4.15	6.25	3.70	3.50	3.30	3.50	3.30	3.65	5.60	30
31	4.60		10.15		5.80		3.50	3.30		3.30		5.60	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings. (Central War Time)

Highest: 15.65 on 15 March.

Lowest: 3.30 in August, September, and October.

Period of record: 12 May 1936 to date.

Highest for period of record: 23.72 from H.W. Mark on 20 January 1935.

Lowest for period of record: 3.30 in August, September, and October 1943.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. (Mile 14.0) for the calendar year 1942

Zero elevation 217.51 feet above M.G.L.

Bank full stage feet on gauge

R.C. 5M. 5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	10.45	7.55	12.35	5.80	5.35	3.90	3.80	3.60	3.55	3.50	7.35	4.10	1
2	10.90	6.43	12.28	5.45	5.25	3.90	4.30	3.60	3.55	3.50	5.65	4.25	2
3	9.75	5.43	11.92	4.95	4.85	3.85	4.00	3.60	3.55	3.50	4.90	4.30	3
4	9.00	5.04	10.10	4.70	4.65	3.85	4.00	3.60	3.55	3.50	4.55	4.25	4
5	8.95	4.93	6.40	4.55	4.45	3.75	3.98	4.60	3.55	3.50	4.65	4.25	5
6	8.85	8.30	5.70	4.50	4.35	3.65	3.85	4.30	3.60	3.50	5.00	8.50	6
7	8.37	10.58	5.42	4.50	4.35	3.65	3.80	3.90	3.60	3.50	5.85	7.70	7
8	7.45	9.15	7.00	4.45	4.10	3.75	3.70	3.85	3.50	3.50	5.55	6.70	8
9	6.60	9.32	11.55	12.43	4.10	3.75	3.70	3.75	3.60	3.50	4.40	6.05	9
10	5.45	9.50	12.35	16.50	4.15	3.75	3.70	4.65	3.60	3.50	4.00	5.50	10
11	5.00	9.70	11.82	17.80	4.10	3.80	3.70	4.95	3.60	3.50	4.00	5.40	11
12	4.23	9.92	11.40	16.10	4.10	3.80	3.75	4.65	3.60	3.50	4.00	5.30	12
13	4.20	10.10	12.10	14.50	4.05	4.00	3.80	4.00	3.60	3.50	4.00	5.00	13
14	4.25	9.65	13.52	13.30	4.00	4.80	4.00	3.75	3.60	3.50	3.95	4.30	14
15	4.25	6.12	13.30	12.50	4.00	4.75	3.75	3.60	3.60	3.50	3.90	4.20	15
16	4.25	5.62	12.60	11.80	4.00	5.50	3.75	3.85	3.50	3.50	3.90	5.00	16
17	4.35	10.05	12.30	9.45	4.00	5.60	3.75	3.75	3.60	3.50	3.90	7.10	17
18	4.40	10.45	11.95	6.20	4.05	5.65	3.75	3.75	3.50	3.50	3.85	6.25	18
19	7.00	8.98	12.10	5.55	4.00	5.55	3.65	3.75	3.50	3.50	3.80	6.35	19
20	6.55	7.65	12.57	5.20	4.00	5.00	3.65	3.75	3.70	3.50	3.90	4.85	20
21	6.34	6.38	12.50	5.00	4.00	4.70	3.60	4.00	3.85	3.50	3.90	4.70	21
22	5.50	6.00	12.00	4.85	3.95	4.35	3.75	3.85	4.00	3.50	5.05	4.70	22
23	5.15	7.05	10.00	4.95	4.20	4.05	3.85	3.85	4.00	3.50	6.70	4.65	23
24	5.00	11.50	6.10	4.80	4.25	3.90	4.10	3.80	3.85	3.50	4.50	4.40	24
25	4.75	12.22	5.40	4.60	4.30	4.00	3.85	3.80	3.65	3.50	4.25	4.25	25
26	4.52	12.00	7.00	4.65	4.20	3.90	3.80	3.75	3.60	3.50	4.00	4.25	26
27	9.04	12.00	9.30	4.65	4.10	3.80	3.75	3.70	3.55	3.50	3.95	5.00	27
28	10.35	12.50	7.75	5.05	3.95	3.70	3.60	3.60	3.55	3.50	3.85	11.00	28
29	7.60		6.20	4.90	3.90	3.80	3.60	3.60	3.50	3.50	4.00	12.80	29
30	6.35		6.05	5.40	3.90	3.80	3.65	3.60	3.50	3.50	3.90	12.75	30
31	9.00		6.00		3.90		3.60	3.60		6.90		13.25	31
Sum													
Mean		Time Basis: Standard Time prior to 2:00 a.m., Feb. 9, 1942; War Time thereafter.											
High		To convert War Time to Standard Time, subtract one hour.											
Low													

Remarks: 8:00 a.m. readings.

Highest: 17.80 on April 11.

Lowest: 3.50 on Sept. 8, 16, 18-19, 29 to Oct. 30.

Period of record: Since May 12, 1936.

Highest for period of record: 23.72 from a highwater mark on Jan. 20, 1935.

Lowest for period of record: 3.50 in Aug. & Sept., 1940; and Sept. & Oct., 1942.

RIVER STAGES

Wolf

River Gauge at Raleigh, Tenn. (mile 14.0) for the calendar year 1941

Zero elevation 217.51 feet above M. G. L.

Bank full stage feet on gauge

M.R.C. 5N. 5-0-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	4.70	5.60	4.60	4.30	4.70	3.75	3.70	3.60	8.00	3.60	10.10	5.80	1
2	4.70	5.2.	4.50	4.20	4.50	4.00	3.70	3.80	7.70	3.60	7.80	4.80	2
3	7.20	4.80	4.50	4.20	4.30	3.80	3.70	3.80	6.70	3.60	6.80	4.50	3
4	6.80	4.70	4.50	4.20	4.10	3.75	3.70	3.70	5.80	3.60	6.70	4.40	4
5	6.10	4.70	4.60	4.30	4.10	3.75	4.00	3.70	4.70	3.90	6.50	4.40	5
6	5.90	4.60	4.80	4.30	4.00	3.75	3.70	3.70	4.60	4.20	5.60	4.40	6
7	6.10	4.80	4.70	4.30	5.70	3.75	3.70	3.70	4.50	4.20	5.40	4.4	7
8	6.50	4.90	4.70	4.30	5.30	3.75	3.70	3.60	4.20	4.70	5.00	4.6	8
9	6.70	4.90	4.70	4.30	6.90	3.75	3.90	3.60	4.00	4.80	4.60	4.5	9
10	5.50	4.70	4.70	4.30	7.00	3.70	4.10	3.60	4.00	4.30	4.40	4.4	10
11	4.80	4.40	4.90	4.40	6.60	3.70	4.00	3.60	4.00	4.00	4.30	4.4	11
12	4.50	4.40	4.60	4.40	5.90	3.70	4.30	3.60	3.80	4.00	4.20	4.0	12
13	4.40	4.30	4.70	4.30	5.60	3.70	4.00	3.60	3.80	3.90	4.00	4.2	13
14	4.30	4.70	4.60	4.30	4.80	3.70	4.40	3.60	3.80	3.90	4.00	4.6	14
15	4.30	5.30	4.60	4.20	4.40	3.70	4.60	4.40	3.80	4.00	4.00	4.8	15
16	4.30	4.80	4.40	4.10	4.10	3.65	4.40	5.00	3.80	6.90	3.90	4.5	16
17	4.30	4.50	4.30	4.10	4.10	3.65	4.10	4.90	3.70	4.50	3.90	4.5	17
18	4.30	4.50	4.60	4.00	4.00	3.65	4.10	4.70	3.70	5.50	3.90	4.5	18
19	4.30	4.40	4.50	4.00	3.90	3.65	4.60	5.40	3.70	4.80	3.90	4.6	19
20	4.20	4.40	4.60	8.50	3.90	3.65	4.30	7.90	3.70	5.60	3.90	4.35	20
21	4.20	4.30	4.60	7.20	3.85	3.65	4.10	6.00	3.60	6.00	3.90	4.30	21
22	4.20	4.30	4.50	5.90	3.85	3.65	4.30	5.00	3.60	6.00	3.90	4.23	22
23	4.20	4.30	4.30	5.40	4.60	3.65	4.10	4.50	3.60	5.50	6.50	5.02	23
24	5.30	4.40	4.50	9.86	7.90	3.65	3.80	4.20	3.60	4.80	7.50	6.90	24
25	9.40	4.40	4.90	8.00	4.50	3.65	3.70	4.00	3.60	4.20	7.50	6.20	25
26	7.00	4.50	5.00	7.70	4.10	3.75	3.70	3.80	3.60	4.00	7.50	6.34	26
27	8.20	4.60	4.80	7.30	3.85	3.80	3.65	3.80	3.60	4.00	7.60	5.72	27
28	6.90	4.70	4.60	5.80	3.80	3.70	3.65	4.30	3.60	4.20	7.70	5.50	28
29	6.50		4.50	5.70	3.80	3.70	3.60	7.30	3.60	5.20	7.50	5.62	29
30	6.00		4.50	5.80	3.75	3.70	3.60	7.80	3.60	5.00	7.00	5.63	30
31	5.90		4.40		3.75		3.60	7.80		5.80		5.10	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings.

Highest: 9.86 on April 24.

Lowest: 3.60 Aug. 8, and other dates.

period of record: highwater readings since 1935; daily readings since May 12, 1936.

Highest for period of record: 23.72 from a highwater mark on Jan. 20, 1935.

Lowest for period of record: 3.5 on August & Sept., 1940.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. (Mile 14.0) for the calendar year 1940

Zero elevation 217.51 feet above M.G.L.

Bank full stage feet on gauge

M. R. C. 5M. 5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	4.4	3.9	4.9	8.5	9.5	3.9	11.0	3.6	4.0	3.5	3.6	4.5	1
2	4.4	3.9	4.8	7.5	10.5	3.8	10.6	3.6	4.0	3.5	3.6	4.5	2
3	4.3	3.9	4.8	5.5	10.1	3.8	8.9	3.6	4.0	3.5	3.6	4.4	3
4	4.1	3.9	4.8	5.8	10.3	3.8	5.4	3.6	4.0	3.5	3.6	4.3	4
5	4.0	4.0	4.8	5.7	10.4	3.7	4.2	3.6	4.0	3.5	3.6	4.3	5
6	4.0	4.5	4.6	5.7	9.8	3.7	4.0	3.6	3.8	3.5	3.7	4.3	6
7	3.9	4.9	4.5	4.9	6.0	3.6	3.9	3.6	3.6	3.5	3.8	4.8	7
8	3.8	4.8	4.6	4.5	4.7	3.6	3.9	3.6	3.6	3.5	3.8	5.7	8
9	3.8	5.3	4.7	4.4	4.3	3.6	4.0	3.6	3.6	3.5	3.8	4.8	9
10	3.8	9.7	4.5	4.3	4.2	3.6	3.9	3.6	3.6	3.5	3.8	4.6	10
11	3.8	9.9	4.4	4.2	4.0	3.6	4.2	4.4	3.6	3.5	4.0	4.5	11
12	4.5	8.6	4.5	4.3	4.0	3.7	4.8	4.5	3.5	3.5	5.0	4.5	12
13	4.8	8.5	5.4	4.3	3.9	3.7	5.2	5.5	3.5	3.5	5.0	5.0	13
14	5.6	6.8	7.0	4.4	3.9	4.0	5.0	5.6	3.5	3.5	5.0	5.0	14
15	6.2	6.4	6.8	4.4	3.9	3.9	4.9	5.6	3.5	3.5	4.4	5.1	15
16	5.5	6.3	6.6	4.4	3.8	3.9	4.8	5.5	3.5	3.5	4.0	9.9	16
17	5.0	6.2	6.3	4.8	3.8	3.9	4.8	4.0	3.5	3.5	4.0	8.9	17
18	4.6	11.0	6.0	4.9	3.8	3.8	4.1	3.8	3.5	3.5	4.0	6.6	18
19	4.4	11.7'	5.9	9.9	3.8	3.7	4.0	3.8	3.5	3.5	4.0	6.5	19
20	4.2	11.6	5.8	10.5	3.8	3.7	4.0	3.7	3.5	3.5	4.0	6.5	20
21	4.0	10.7	5.2	9.2	3.8	3.7	3.9	3.7	3.5	3.5	4.0	6.6	21
22	3.9	10.1	4.8	8.3	3.8	3.7	3.8	3.6	3.5	3.5	3.8	7.2	22
23	3.9	9.2	4.6	8.4	3.8	3.6	3.8	3.6	3.5	3.5	4.1	7.6	23
24	3.8	7.8	4.4	8.5	3.8	3.6	3.8	3.6	3.5*	3.5	4.1	6.5	24
25	3.8	7.0	4.3	9.0	3.8	3.6	3.7	3.6	6.0	3.5	4.1	5.2	25
26	3.8	6.4	4.3	9.0	4.0	3.6	3.7	3.6	3.8	3.5	4.3	4.7	26
27	3.8	5.7	4.3	6.5	4.0	3.6	3.7	3.5	3.8	3.5	4.5	4.6	27
28	3.8	5.3	4.3	5.0	4.0	3.6	3.6	3.5	3.8	3.5	4.5	4.6	28
29	3.8	5.0	4.3	4.7	3.9	9.5	3.6	3.5	3.8	3.5	4.4	4.8	29
30	3.8		5.8	4.6	3.9	11.0	3.6	3.8	3.5	3.8	4.4	4.8	30
31	3.8		9.9		3.9		3.6	4.0		3.7		4.8	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings

Note: Gage moved 650 feet upstream from old location on Nov. 22, 1940.

* 7.0 at 4:00 P.M.

Established March 15, 1935 and read at high stages only. Continuous readings since May 12, 1936.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. for the calendar year 1939
 Zero elevation 217.51 feet above M.G.L.
 Bank full stage feet on gauge

N.R.C. 5M. 5-5-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	4.5	13.1	12.5	12.85	9.9	9.1	7.8	4.9	3.7	3.8	3.6	3.9	1
2	4.2	13.8	12.0	13.0	9.6	10.7	7.5	4.7	3.6	3.8	3.6	3.9	2
3	4.1	15.8	12.5	12.7	8.8	11.6	12.0	4.1	3.6	3.8	3.6	3.9	3
4	4.1	15.9	12.5	12.4	7.3	12.2	12.2	4.0	3.6	3.7	3.6	4.0	4
5	10.3	15.1	12.25	11.8	5.8	9.0	11.5	4.0	3.6	3.7	3.6	4.0	5
6	10.2	14.4	11.8	12.2	5.3	7.9	10.6	3.9	3.6	3.6	3.6	4.0	6
7	8.8	13.8	11.0	12.25	4.9	7.0	10.6	3.8	3.6	3.6	3.6	4.0	7
8	8.6	13.2	7.6	11.5	4.6	7.3	10.0	3.8	3.6	3.6	3.6	4.0	8
9	9.0	13.5	6.4	9.3	4.5	7.6	9.9	3.8	3.6	3.6	3.6	4.0	9
10	9.6	14.8	6.3	8.0	4.4	7.8	7.0	3.8	3.6	3.6	3.6	4.0	10
11	9.2	13.3	11.0	11.0	4.3	7.0	7.8	3.9	3.6	3.6	3.6	4.0	11
12	7.8	12.9	10.8	12.0	4.9	6.0	8.7	3.8	3.6	3.6	3.6	3.9	12
13	10.8	12.3	9.5	11.9	4.6	6.4	9.0	3.8	3.6	3.6	3.7	3.9	13
14	11.5	11.7	8.7	11.5	4.4	6.4	8.5	3.8	3.6	3.6	3.7	3.9	14
15	11.6	12.0	8.3	11.2	4.2	7.0	5.5	3.8	3.6	3.6	3.6	3.9	15
16	11.3	13.5	7.8	11.4	4.2	8.5	4.8	3.8	3.6	3.6	3.7	3.9	16
17	11.5	13.1	6.7	13.8	4.0	8.9	4.5	3.7	3.6	3.6	3.8	3.9	17
18	12.1	13.2	6.0	13.9	3.9	8.4	4.2	3.7	3.6	3.6	3.8	3.9	18
19	12.2	13.0	5.6	13.7	3.9	8.2	4.2	3.7	3.6	3.6	3.8	3.9	19
20	11.8	13.2	5.5	13.3	3.9	10.0	4.2	3.7	3.6	3.6	3.8	3.9	20
21	11.1	12.9	5.8	12.7	3.9	13.8	4.2	3.9	3.6	3.6	3.9	3.9	21
22	8.5	12.0	6.0	12.2	11.0	13.7	4.1	3.8	3.6	3.6	4.0	3.9	22
23	6.1	11.8	6.0	11.8	12.4	12.9	4.0	4.9	3.6	3.6	4.0	3.9	23
24	10.0	11.5	6.0	10.9	12.1	12.2	4.0	6.0	3.6	3.6	4.0	3.9	24
25	10.8	11.3	6.1	7.5	12.0	11.0	4.0	4.5	3.6	3.6	3.9	4.5	25
26	10.0	11.2	6.0	6.0	12.6	6.8	4.4	3.9	3.6	3.6	3.9	4.5	26
27	9.4	10.8	5.7	9.7	12.3	5.0	4.5	3.8	3.6	3.6	3.8	5.0	27
28	8.6	11.8	6.0	10.5	11.7	5.1	4.7	3.7	3.6	3.8	3.8	5.0	28
29	8.5	-	10.0	10.2	11.0	9.8	4.7	3.7	3.6	3.7	3.8	5.0	29
30	13.5	-	12.6	8.8	9.6	7.2	4.8	3.7	3.9	3.7	3.8	4.8	30
31	13.5	-	13.1	-	8.2	-	5.0	3.7		3.6	-	4.7	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

Highest = 15.9, Feb. 4, 1939.

Lowest = 3.6 on several days.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. (Mile 14) for the calendar year 1938
 Zero elevation 217.51 feet above M.G.L.
 Bank full stage feet on gauge

U.S.C.S.M. 2-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	6.7	12.2	5.4	12.2	4.9	6.9	4.7	7.9	3.7	3.7	3.6	3.9	1
2	6.9	11.5	5.0	12.9	4.7	7.6	4.4	6.2	3.7	3.7	3.6	3.9	2
3	6.8	9.3	4.9	13.2	4.5	7.8	4.2	8.1	3.7	3.6	3.6	3.9	3
4	6.6	7.8	5.5	12.6	4.1	7.6	4.1	7.6	3.7	3.6	3.6	3.9	4
5	6.1	7.4	5.2	11.9	4.4	7.6	4.0	4.6	3.7	3.6	3.6	3.9	5
6	5.7	7.5	10.0	9.7	4.3	7.9	4.0	4.2	3.7	3.6	3.6	3.9	6
7	5.4	7.0	11.0	8.0	4.3	7.9	3.9	4.6	3.7	3.6	3.6	3.9	7
8	5.0	5.9	9.8	11.7	4.2	7.8	3.9	4.2	3.7	3.6	3.6	3.9	8
9	4.8	5.3	8.8	12.3	4.2	6.5	3.9	4.0	3.7	3.6	3.6	3.9	9
10	4.5	5.0	12.5	12.1	4.2	5.6	3.9	3.9	3.7	3.6	3.6	3.9	10
11	4.5	4.9	13.1	11.6	4.2	5.0	3.9	3.9	3.7	3.6	3.6	3.9	11
12	4.5	4.8	13.1	12.6	4.1	5.2	3.9	4.8	4.0	3.6	3.6	3.9	12
13	4.5	4.7	13.2	12.8	4.1	5.1	3.9	4.8	4.0	3.6	3.5	3.9	13
14	4.4	4.6	12.9	12.4	5.1	5.1	3.9	4.0	3.8	3.6	3.5	3.9	14
15	4.4	4.7	12.7	11.5	4.2	5.4	3.9	4.7	4.5	3.6	3.5	3.9	15
16	4.4	4.7	12.1	7.3	4.3	5.8	3.9	4.2	4.5	3.6	3.5	3.9	16
17	4.3	4.8	11.4	9.3	4.2	8.0	3.8	4.0	4.4	3.6	3.6	3.9	17
18	4.3	12.0	7.2	11.8	4.6	8.8	3.8	3.9	4.1	3.6	3.6	3.9	18
19	4.3	11.5	6.0	12.3	4.4	11.5	4.0	3.9	3.8	3.6	7.5	3.9	19
20	4.3	13.5	7.6	11.5	4.2	10.0	4.6	3.9	3.8	3.6	7.7	3.9	20
21	4.4	13.3	6.3	12.7	4.2	9.0	4.7	3.8	3.8	3.6	7.7	3.9	21
22	11.9	12.7	5.9	14.3	4.3	8.0	6.4	3.8	3.8	3.6	7.9	3.9	22
23	12.9	12.2	5.8	13.8	10.4	8.4	7.5	3.8	3.7	3.6	6.5	3.9	23
24	13.3	11.6	5.9	12.8	7.5	9.1	6.8	3.8	3.7	3.6	5.0	4.0	24
25	14.5	11.0	5.7	12.3	5.8	10.0	6.9	3.8	3.7	3.6	4.4	4.2	25
26	14.6	10.0	5.4	11.8	5.4	10.4	7.3	3.8	3.7	3.6	4.1	4.2	26
27	14.0	7.0	5.7	10.1	4.8	10.4	7.2	3.8	3.7	3.6	4.0	4.9	27
28	13.3	5.9	5.8	8.0	4.7	9.0	5.0	3.8	3.7	3.6	4.0	5.2	28
29	12.8		10.0	6.5	4.6	5.9	4.2	3.8	3.7	3.6	4.0	5.2	29
30	12.3		11.1	5.2	5.0	5.0	4.7	3.7	3.7	3.6	3.9	4.8	30
31	12.5		11.4		6.3		6.8	3.7		3.6		4.6	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

RIVER STAGES

Wolf River Gauge at Raleigh, Tenn. (Mile 14) for the calendar year 1937

Zero elevation 217.51 feet above M.G.L.

Bank full stage 11.5 feet on gauge

U.S.C.S.M. 5-5-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	12.4	15.7	5.7	5.3	5.0	4.0	3.9	3.8	3.8	3.9	4.0	4.2	1
2	12.9	16.3	5.4	5.0	4.6	4.0	3.9	3.8	3.8	3.9	4.0	4.2	2
3	13.5	16.7	5.2	4.9	4.6	4.0	3.9	3.8	3.8	4.3	4.0	4.2	3
4	13.7	17.1	5.1	5.5	4.8	4.0	3.9	3.8	4.0	4.5	4.0	4.2	4
5	14.0	17.4	5.0	7.8	5.7	4.0	4.2	3.8	3.8	4.5	4.0	4.2	5
6	14.3	17.7	5.0	5.8	5.1	4.6	4.0	3.8	3.8	4.7	4.0	4.2	6
7	13.6	17.9	5.0	5.2	5.3	5.2	4.0	3.8	3.8	4.8	4.0	4.2	7
8	12.9	18.0	6.4	5.1	5.4	5.5	4.0	3.8	3.8	4.8	4.0	4.2	8
9	12.2	18.2	7.3	5.0	5.4	4.8	4.0	3.8	4.0	4.8	4.3	4.2	9
10	11.5	18.2	7.6	5.1	5.2	4.6	4.0	3.8	4.0	4.5	6.7	4.2	10
11	11.2	18.1	7.3	4.9	4.7	11.0	4.0	3.8	3.9	4.0	6.3	4.2	11
12	11.6	17.8	6.8	4.7	4.5	11.2	4.0	3.8	3.9	3.9	5.3	4.2	12
13	11.7	17.5	6.2	4.7	6.7	11.0	4.0	3.8	3.9	3.9	5.0	4.2	13
14	11.5	17.0	6.1	4.6	5.4	9.0	4.0	3.8	3.9	3.9	5.3	4.2	14
15	12.5	16.5	7.8	4.5	5.9	7.0	3.9	3.8	3.8	3.8	5.4	4.1	15
16	13.5	15.9	8.0	4.5	6.1	5.4	3.9	3.8	3.8	3.8	5.4	4.1	16
17	13.0	14.9	7.5	4.5	5.9	4.5	3.9	3.8	3.8	3.8	5.0	4.3	17
18	14.9	14.1	6.4	4.4	5.5	4.4	4.5	4.8	3.8	5.0	5.0	4.5	18
19	15.2	13.0	5.8	4.4	5.0	4.2	3.9	3.8	3.7	5.5	5.0	4.4	19
20	15.3	12.2	5.4	4.4	4.6	4.2	4.0	3.8	3.7	5.2	4.5	4.3	20
21	16.9	11.6	5.2	4.4	4.4	4.2	4.0	3.8	3.7	5.0	4.7	4.3	21
22	17.4	10.9	5.1	4.3	4.2	4.1	4.4	3.8	3.7	4.7	4.3	4.3	22
23	17.4	9.9	5.0	4.3	4.2	4.1	4.5	3.8	3.7	4.8	4.3	6.2	23
24	17.4	9.0	6.5	4.6	4.2	4.0	4.5	3.8	3.7	4.8	4.3	5.9	24
25	17.8	8.2	9.5	4.6	4.9	4.0	4.0	3.8	3.8	4.8	4.3	5.0	25
26	16.6	7.4	9.6	4.7	4.4	4.0	4.0	4.0	3.7	4.6	4.1	4.8	26
27	15.2	6.5	9.6	4.8	4.2	4.0	3.9	4.0	3.7	4.1	4.1	6.6	27
28	14.8	5.9	9.7	4.8	4.1	4.0	3.9	3.9	3.7	4.1	4.1	8.7	28
29	14.4		9.7	5.0	4.1	4.0	3.9	3.9	3.8	4.0	4.1	7.5	29
30	14.4		8.6	4.9	4.0	3.9	3.8	3.9	3.9	4.0	4.1	6.9	30
31	15.1		6.0		4.0		3.8	3.9		4.0		6.5	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

RIVER STAGES

Wolf

River Gauge at

Raleigh, Tenn.

for the calendar year 1936

Zero elevation 217.51

feet above M.G.L.

Bank full stage feet on gauge

U.S.C. 5M. 5-8-27

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1						3.9	3.85	3.75	3.7	5.2	5.0	4.35	1
2						3.85	3.85	3.75	3.7	4.4	5.0	4.3	2
3						3.85	8.5	3.75	6.0	4.2	6.8	4.3	3
4						3.85	8.9	3.75	6.5	4.2	11.1	4.3	4
5						3.85	6.9	3.75	5.0	4.0	11.5	4.3	5
6						3.85	6.6	3.75	4.85	3.9	11.5	5.2	6
7						3.85	6.1	3.75	4.8	3.9	10.8	10.6	7
8						3.85	5.65	3.75	4.8	5.6	10.4	10.8	8
9						3.85	5.0	3.8	5.1	7.9	10.25	10.0	9
10						3.85	4.4	3.8	5.3	6.9	10.2	9.5	10
11						4.15	4.1	3.75	6.0	7.5	10.35	10.5	11
12					4.8	4.0	4.0	3.7	4.5	8.9	10.0	10.6	12
13					4.4	3.95	3.95	3.7	4.0	10.3	6.3	11.5	13
14					4.2	3.95	3.95	3.7	4.0	11.3	5.1	11.9	14
15					4.1	3.95	4.45	3.7	3.95	11.55	4.9	11.3	15
16					4.0	3.9	4.0	3.7	3.8	8.5	4.7	7.1	16
17					4.0	3.9	3.95	3.7	3.75	5.5	4.6	5.8	17
18					4.0	3.85	3.9	3.7	3.75	4.8	4.5	5.4	18
19					4.0	3.85	3.9	3.7	3.75	4.9	4.4	5.5	19
20					4.0	3.85	3.9	3.7	3.75	4.85	4.4	5.5	20
21					4.0	3.85	5.6	3.7	3.7	5.35	4.35	5.3	21
22					4.0	3.85	4.5	3.7	3.7	5.9	4.3	5.0	22
23					4.0	3.85	3.9	3.8	3.7	6.4	4.3	5.0	23
24					4.0	3.85	3.85	3.75	10.0	5.6	4.3	4.9	24
25					3.95	3.85	3.85	3.75	10.45	4.7	4.3	4.7	25
26					3.95	3.85	3.9	3.75	10.45	4.4	4.35	4.6	26
27					3.9	3.85	3.9	3.7	8.9	4.1	4.35	5.0	27
28					3.9	3.85	3.85	3.7	6.8	4.3	4.35	8.5	28
29					3.9	3.85	3.8	3.7	6.9	4.3	4.35	9.9	29
30					3.9	3.85	3.8	3.7	5.8	4.4	4.35	9.1	30
31					3.9		3.8	3.7		4.75		11.9	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

Gage established May 12, 1936.