

DAILY STAGES FOR 1995

RUTHERFORD FORK OBION RIVER NEAR KENTON, TENN.

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

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

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

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

EXTREMES. HIGHEST, 17.5 FEET ON FEB. 1, 1956. LOWEST, MINUS 3.2 FEET FROM DEC. 9 TO 11, 1970. MAXIMUM, 6,530 CFS OBSERVED ON JAN. 16, 1951 (STAGE, 14.9). MINIMUM, 17 CFS ON SEP. 20, 1941 (STAGE, 4.79).

| DAILY EIGHT A.M. STAGE IN FEET | | | | | | | | | | | | GAGE ZERO, 284.95 FEET, N.G.V.D. OF 1929 |
|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|--|
| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 1 | -0.4 | 0.6 | -0.3 | 0.2 | 8.3 | -0.3 | -0.4 | -0.6 | -0.5 | -0.5 | -0.4 | -0.3 |
| 2 | -0.4 | 0.1 | -0.3 | 0.1 | 3.4 | -0.3 | -0.4 | -0.6 | -0.5 | -0.5 | 1.5 | -0.3 |
| 3 | -0.4 | -0.1 | -0.3 | 0.1 | 0.6 | -0.2 | -0.4 | -0.6 | -0.5 | 1.4 | 0.8 | -0.4 |
| 4 | -0.4 | -0.2 | -0.3 | -0.2 | 0.2 | 0.1 | 1.6 | -0.6 | -0.5 | 0.0 | -0.1 | -0.4 |
| 5 | -0.4 | -0.3 | 0.4 | -0.2 | 0.2 | -0.3 | 0.9 | 11.5 | -0.5 | -0.2 | -0.2 | -0.4 |
| 6 | -0.3 | -0.4 | 0.4 | -0.2 | 0.0 | -0.5 | 0.4 | 7.5 | -0.5 | -0.2 | -0.3 | -0.4 |
| 7 | 6.6 | -0.3 | 1.7 | -0.3 | -0.3 | 2.4 | -0.1 | 5.4 | -0.5 | -0.4 | 10.9 | -0.5 |
| 8 | 4.0 | -0.3 | 6.9 | -0.3 | -0.3 | 0.1 | 0.8 | 3.3 | -0.5 | -0.4 | 8.2 | -0.5 |
| 9 | 0.8 | -0.2 | 3.0 | -0.4 | -0.3 | -0.3 | 0.2 | 7.2 | -0.5 | -0.4 | 3.8 | -0.3 |
| 10 | 0.5 | -0.2 | 0.9 | -0.4 | -0.3 | -0.3 | -0.4 | 2.5 | -0.5 | -0.4 | 1.2 | -0.4 |
| 11 | 0.4 | -0.2 | 0.7 | -0.4 | -0.3 | -0.3 | -0.5 | 1.1 | -0.5 | -0.4 | 4.8 | -0.1 |
| 12 | 0.4 | -0.1 | -0.6 | -0.4 | -0.5 | -0.4 | -0.6 | 0.6 | -0.5 | -0.4 | 1.6 | -0.2 |
| 13 | 0.4 | -0.1 | 0.1 | -0.4 | -0.5 | -0.4 | -0.6 | 0.3 | -0.5 | -0.5 | 0.5 | -0.3 |
| 14 | 6.8 | -0.2 | 0.1 | -0.5 | -0.3 | -0.4 | -0.6 | 0.1 | -0.5 | -0.5 | 0.4 | -0.3 |
| 15 | 3.6 | 8.7 | 0.0 | -0.5 | -0.3 | -0.5 | -0.6 | 0.0 | -0.5 | -0.5 | 0.2 | -0.3 |
| 16 | 0.9 | 4.7 | 0.0 | -0.5 | -0.4 | -0.5 | -0.6 | 0.0 | -0.4 | -0.5 | 0.1 | -0.1 |
| 17 | 0.6 | 2.0 | -0.2 | -0.5 | -0.4 | -0.5 | -0.6 | -0.2 | 1.0 | -0.5 | 0.0 | -0.1 |
| 18 | 0.3 | 1.0 | -0.2 | 1.6 | 7.1 | -0.5 | 0.1 | -0.2 | -0.3 | -0.5 | -0.1 | 2.4 |
| 19 | 7.7 | 0.5 | -0.3 | -0.3 | 3.7 | -0.5 | -0.3 | -0.3 | -0.3 | -0.5 | -0.1 | 2.8 |
| 20 | 4.2 | 0.4 | -0.3 | 1.5 | 0.8 | 2.5 | -0.6 | 2.7 | -0.3 | -0.5 | -0.1 | 2.7 |
| 21 | 1.6 | 0.3 | -0.1 | 4.7 | 0.2 | -0.4 | -0.3 | -0.2 | -0.3 | -0.5 | -0.1 | 1.2 |
| 22 | 0.7 | 0.1 | -0.1 | 3.8 | -0.2 | -0.4 | 1.6 | -0.3 | -0.3 | -0.6 | -0.2 | 0.1 |
| 23 | 0.5 | 0.1 | -0.2 | 2.5 | -0.3 | -0.4 | 2.5 | -0.3 | -0.3 | -0.6 | -0.2 | -0.1 |
| 24 | 0.3 | -0.2 | -0.3 | 0.7 | -0.3 | -0.4 | 2.1 | -0.3 | -0.5 | -0.6 | -0.2 | -0.1 |
| 25 | 0.2 | -0.2 | -0.3 | 0.0 | -0.5 | 2.7 | 2.6 | -0.4 | -0.5 | -0.6 | -0.2 | -0.2 |
| 26 | 0.1 | -0.2 | -0.3 | -0.1 | -0.5 | 1.0 | 1.1 | -0.4 | -0.5 | -0.6 | -0.1 | -0.2 |
| 27 | 0.1 | -0.2 | -0.1 | -0.3 | 1.7 | 0.8 | 1.2 | -0.4 | -0.5 | 0.7 | -0.1 | -0.4 |
| 28 | 0.1 | -0.3 | 4.4 | -0.3 | 2.2 | -0.3 | 0.0 | -0.4 | -0.5 | 0.8 | -0.1 | -0.4 |
| 29 | 5.9 | | 1.7 | -0.3 | 0.8 | -0.3 | -0.3 | -0.4 | -0.5 | 0.1 | -0.3 | -0.4 |
| 30 | 1.8 | | 0.4 | -0.3 | -0.2 | -0.4 | -0.4 | -0.4 | -0.5 | -0.2 | -0.3 | -0.4 |
| 31 | 1.1 | | 0.4 | | -0.3 | | -0.4 | -0.4 | | -0.4 | | -0.4 |

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 1.5 | 0.5 | 0.5 | 0.3 | 0.7 | 0.0 | 0.2 | 1.1 | -0.4 | -0.3 | 1.0 | 0.0 |
| MAX. | 7.7 | 8.7 | 6.9 | 4.7 | 8.3 | 2.7 | 2.6 | 11.5 | 1.0 | 1.4 | 10.9 | 2.8 |
| MIN. | -0.4 | -0.4 | -0.6 | -0.5 | -0.5 | -0.5 | -0.6 | -0.6 | -0.5 | -0.6 | -0.4 | -0.5 |

HIGHEST STAGE WAS 11.50 ON AUG 5.
LOWEST STAGE WAS -0.60 ON AUG 1.