

## DAILY STAGES FOR 1995

SOUTH FORK OBION RIVER NEAR KENTON, TENN.

LOCATION. LAT. 36-14-45, LONG. 88-58-28. COUNTY HIGHWAY BRIDGE, FOUR AND A HALF MILES NORTHEAST OF KENTON, TENN.

GAGE. STAFF TYPE AT BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, 750 SQUARE MILES. DISCHARGE WAS AFFECTED BY CHANNEL WORK IN NOV. 1966.

RECORDS AVAILABLE. STAGE, JAN. 22, 1939, TO JAN. 1, 1947, AND JUNE 19, 1947, TO DATE. MEASURED DISCHARGE, JAN. 1939 TO APR. 1950 AND AUG. 1958 TO DATE.

EXTREMES. HIGHEST, 24.4 FEET ON MAY 15, 1967. (26.2 FEET IN 1937 FROM A WATER MARK). LOWEST, 0.8 FEET ON DEC. 17, 1970. MAXIMUM, 18,800 CFS OBSERVED ON MAR. 11, 1946 (STAGE, 21.98). MINIMUM, 118 CFS OBSERVED ON SEP. 19, 1941 (STAGE, 10.15). DISCHARGE NOT DETERMINED FOR RECORD HIGH AND LOW STAGES.

| DAILY EIGHT A.M. STAGE IN FEET |      |      |      |      |      | GAGE ZERO, 272.20 FEET, N.G.V.D. OF 1929 |     |      |     |     |      |      |
|--------------------------------|------|------|------|------|------|--|-----|------|-----|-----|------|------|
| DAY                            | JAN  | FEB  | MAR  | APR  | MAY  | JUN                                      | JUL | AUG  | SEP | OCT | NOV  | DEC  |
| 1                              | 9.0  | 9.4  | 8.3  | 8.3  | 16.1 | 8.2                                      | 7.9 | 7.7  | 7.4 | 7.3 | 7.7  | 7.7  |
| 2                              | 9.0  | 9.2  | 8.1  | 8.3  | 16.5 | 8.2                                      | 7.9 | 7.7  | 7.4 | 7.3 | 8.2  | 7.7  |
| 3                              | 9.0  | 9.0  | 8.0  | 8.3  | 11.1 | 8.1                                      | 7.8 | 7.7  | 7.4 | 7.6 | 8.5  | 7.7  |
| 4                              | 9.0  | 8.9  | 8.0  | 8.1  | 9.8  | 8.3                                      | 9.6 | 7.7  | 7.4 | 7.6 | 8.0  | 7.7  |
| 5                              | 9.0  | 8.3  | 8.5  | 7.9  | 9.5  | 8.1                                      | 9.1 | 18.1 | 7.4 | 7.5 | 8.0  | 7.7  |
| 6                              | 9.0  | 8.3  | 8.5  | 7.7  | 9.3  | 7.8                                      | 8.8 | 18.4 | 7.3 | 7.5 | 8.0  | 7.7  |
| 7                              | 17.2 | 8.3  | 9.3  | 7.7  | 9.0  | 12.1                                     | 8.6 | 18.6 | 7.3 | 7.4 | 17.6 | 7.7  |
| 8                              | 14.7 | 8.2  | 15.7 | 7.7  | 8.4  | 9.7                                      | 8.8 | 17.5 | 7.3 | 7.4 | 17.0 | 7.7  |
| 9                              | 12.2 | 8.2  | 14.9 | 7.6  | 8.2  | 8.4                                      | 8.4 | 18.4 | 7.3 | 7.4 | 12.9 | 7.9  |
| 10                             | 11.1 | 8.1  | 11.7 | 7.6  | 8.0  | 8.3                                      | 8.1 | 17.2 | 7.3 | 7.4 | 11.6 | 7.7  |
| 11                             | 10.0 | 8.1  | 10.8 | 7.6  | 8.0  | 8.1                                      | 7.9 | 15.6 | 7.3 | 7.4 | 13.2 | 7.6  |
| 12                             | 9.9  | 8.1  | 9.5  | 7.6  | 8.0  | 8.0                                      | 7.7 | 14.1 | 7.3 | 7.4 | 11.1 | 7.6  |
| 13                             | 9.9  | 8.1  | 8.9  | 7.6  | 7.9  | 8.0                                      | 7.6 | 12.6 | 7.3 | 7.3 | 9.9  | 7.6  |
| 14                             | 14.8 | 8.0  | 8.6  | 7.6  | 8.1  | 7.9                                      | 7.6 | 11.7 | 7.3 | 7.3 | 9.2  | 7.6  |
| 15                             | 11.7 | 16.7 | 8.5  | 7.6  | 9.7  | 7.6                                      | 7.6 | 10.3 | 7.3 | 7.3 | 9.0  | 7.6  |
| 16                             | 10.6 | 16.8 | 8.3  | 7.6  | 8.9  | 7.6                                      | 7.5 | 9.7  | 7.4 | 7.3 | 8.6  | 7.7  |
| 17                             | 10.0 | 14.8 | 8.3  | 7.6  | 8.7  | 7.6                                      | 7.5 | 9.0  | 7.9 | 7.3 | 8.4  | 7.7  |
| 18                             | 9.5  | 12.7 | 8.2  | 7.8  | 12.5 | 7.6                                      | 7.4 | 8.4  | 7.6 | 7.3 | 8.3  | 8.9  |
| 19                             | 17.2 | 10.6 | 8.2  | 7.6  | 14.8 | 7.6                                      | 7.3 | 8.2  | 7.6 | 7.3 | 8.1  | 10.1 |
| 20                             | 13.3 | 9.9  | 8.1  | 8.1  | 10.0 | 8.2                                      | 7.3 | 8.1  | 7.6 | 7.3 | 8.1  | 9.6  |
| 21                             | 12.2 | 9.2  | 8.5  | 11.0 | 9.7  | 7.6                                      | 7.5 | 8.1  | 7.5 | 7.3 | 8.0  | 9.2  |
| 22                             | 10.3 | 8.8  | 8.3  | 11.9 | 9.3  | 7.6                                      | 7.6 | 8.0  | 7.5 | 7.3 | 7.9  | 9.0  |
| 23                             | 9.6  | 8.8  | 8.1  | 9.7  | 9.0  | 7.6                                      | 8.1 | 7.8  | 7.5 | 7.3 | 7.9  | 8.8  |
| 24                             | 9.1  | 8.7  | 8.1  | 8.9  | 8.4  | 7.5                                      | 9.2 | 7.7  | 7.5 | 7.3 | 7.9  | 8.7  |
| 25                             | 8.8  | 8.7  | 7.9  | 8.9  | 8.1  | 9.4                                      | 8.6 | 7.7  | 7.4 | 7.3 | 7.8  | 8.4  |
| 26                             | 8.6  | 8.7  | 7.9  | 8.3  | 8.1  | 8.5                                      | 7.9 | 7.7  | 7.4 | 7.3 | 7.8  | 8.2  |
| 27                             | 8.5  | 8.5  | 8.1  | 8.1  | 8.5  | 8.1                                      | 8.7 | 7.7  | 7.4 | 7.7 | 7.8  | 8.0  |
| 28                             | 8.5  | 8.5  | 8.5  | 8.1  | 10.9 | 7.6                                      | 8.1 | 7.7  | 7.4 | 8.0 | 7.8  | 8.0  |
| 29                             | 11.7 |      | 8.4  | 8.1  | 9.6  | 7.6                                      | 7.9 | 7.6  | 7.4 | 8.0 | 7.8  | 7.8  |
| 30                             | 10.2 |      | 8.6  | 8.1  | 8.7  | 7.9                                      | 7.9 | 7.6  | 7.3 | 7.8 | 7.7  | 7.8  |
| 31                             | 9.6  |      | 8.6  |      | 8.5  |  | 7.7 | 7.6  |     | 7.7 |      | 7.8  |

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

|      |      |      |      |      |      |      |     |      |     |     |      |      |
|------|------|------|------|------|------|------|-----|------|-----|-----|------|------|
| MEAN | 10.7 | 9.6  | 9.0  | 8.2  | 9.7  | 8.2  | 8.1 | 10.7 | 7.4 | 7.4 | 9.3  | 8.1  |
| MAX. | 17.2 | 16.8 | 15.7 | 11.9 | 16.5 | 12.1 | 9.6 | 18.6 | 7.9 | 8.0 | 17.6 | 10.1 |
| MIN. | 8.5  | 8.0  | 7.9  | 7.6  | 7.9  | 7.5  | 7.3 | 7.6  | 7.3 | 7.3 | 7.7  | 7.6  |

HIGHEST STAGE WAS 18.60 ON AUG 7.  
 LOWEST STAGE WAS 7.30 ON JUL 19 AND SUBSEQUENT DAYS.