

DAILY STAGES FOR 1991

11

MISSISSIPPI RIVER AT CARUTHERSVILLE, MO.

LOCATION. LAT. 36-11-37, LONG. 89-39-08. MILE 846.4, AT THE MISSOURI SOYBEAN DOCK APPROXIMATELY TWO HUNDRED FEET ABOVE FOOT OF WARD AVENUE IN CARUTHERSVILLE, MISSOURI.

GAGE. AUTOMATIC RECORDER ON DOCK.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,400 SQUARE MILES. BANKFULL STAGE, 35 FEET. LOW WATER REFERENCE PLANE, 4.0 FEET ON GAGE. PRIOR TO OCT. 23, 1939, GAGE WAS KNOWN AS L.W. GAGE 111.8, OR H.W. 163. STAGES ARE PUBLISHED ALSO BY THE NATIONAL WEATHER SERVICE.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO DEC. 19, 1929, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 46.0 FEET ON FEB. 5 TO 7, 1937. LOWEST, MINUS 0.72 FOOT ON OCT. 26, 1939.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 235.49 FEET, N.G.V.D. OF 1929

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|------|------|------|------|------|------|--------|------|-----|-----|------|------|
| 1 | 38.0 | 20.9 | 34.8 | 32.8 | 25.3 | 28.6 | 17.6 | 10.7 | 6.8 | 7.3 | 7.4 | 14.2 |
| 2 | 39.0 | 20.4 | 34.9 | 33.5 | 25.3 | 27.4 | 16.5 | 10.5 | 6.3 | 7.1 | 8.0 | 14.7 |
| 3 | 39.2 | 20.3 | 34.6 | 33.9 | 25.3 | 25.8 | 16.1 | 10.2 | 6.6 | 6.9 | 8.2 | 16.7 |
| 4 | 39.3 | 20.3 | 34.0 | 34.2 | 25.3 | 24.5 | 16.1 | 9.6 | 7.1 | 6.5 | 8.5 | 20.2 |
| 5 | 39.4 | 20.1 | 32.9 | 34.2 | 24.8 | 23.5 | 15.7 | 8.8 | 6.9 | 6.2 | 9.2 | 24.0 |
| 6 | 39.3 | 20.1 | 31.1 | 34.0 | 24.2 | 22.9 | 16.0 | 8.9 | 7.0 | 6.2 | 10.0 | 26.7 |
| 7 | 39.3 | 20.7 | 29.4 | 33.6 | 24.0 | 22.1 | 15.4 | 8.8 | 7.6 | 6.2 | 10.1 | 28.4 |
| 8 | 39.2 | 21.6 | 28.1 | 32.9 | 24.3 | 21.7 | 15.2 | 8.5 | 7.8 | 7.3 | 10.1 | 29.5 |
| 9 | 39.1 | 22.9 | 27.4 | 31.6 | 24.9 | 21.1 | 15.0 | 8.4 | 6.6 | 8.2 | 10.4 | 30.0 |
| 10 | 39.1 | 24.3 | 27.1 | 29.3 | 25.5 | 20.6 | 14.2 | 8.4 | 5.7 | 8.5 | 10.8 | 30.2 |
| 11 | 39.1 | 25.5 | 26.8 | 27.4 | 26.1 | 20.2 | 14.8 | 9.1 | 5.5 | 8.3 | 10.8 | 30.1 |
| 12 | 39.1 | 26.2 | 26.9 | 25.7 | 26.3 | 19.5 | 16.0 | 9.8 | 5.8 | 7.8 | 10.4 | 29.7 |
| 13 | 39.0 | 26.5 | 26.9 | 24.6 | 26.1 | 18.8 | 16.6 | 9.7 | 6.4 | 7.5 | 9.9 | 28.5 |
| 14 | 38.9 | 26.6 | 26.9 | 24.4 | 26.3 | 18.5 | E 16.5 | 9.6 | 7.3 | 6.9 | 9.7 | 26.8 |
| 15 | 38.8 | 27.0 | 26.5 | 24.9 | 26.3 | 18.6 | E 16.3 | 9.6 | 6.7 | 6.3 | 9.6 | 25.8 |
| 16 | 38.5 | 27.3 | 26.1 | 26.0 | 25.9 | 19.0 | E 16.1 | 9.6 | 6.5 | 5.5 | 9.8 | 25.5 |
| 17 | 38.2 | 27.5 | 25.9 | 27.1 | 25.6 | 18.9 | 15.7 | 9.2 | 7.1 | 5.0 | 10.0 | 25.6 |
| 18 | 37.7 | 27.5 | 25.9 | 28.4 | 25.4 | 18.6 | 15.7 | 8.9 | 7.6 | 4.6 | 9.6 | 25.8 |
| 19 | 37.2 | 27.3 | 26.1 | 29.6 | 24.9 | 18.9 | 15.0 | 9.0 | 7.8 | 4.3 | 9.6 | 25.8 |
| 20 | 36.6 | 27.8 | 26.5 | 30.6 | 24.3 | 19.2 | 14.0 | 9.2 | 7.8 | 3.9 | 9.6 | 25.4 |
| 21 | 35.8 | 29.5 | 26.7 | 31.2 | 24.0 | 19.3 | 13.6 | 9.2 | 7.9 | 3.7 | 9.7 | 24.3 |
| 22 | 34.9 | 31.1 | 27.0 | 31.6 | 23.7 | 19.4 | 12.9 | 9.4 | 8.0 | 3.6 | 11.1 | 22.8 |
| 23 | 34.1 | 32.3 | 27.6 | 31.7 | 23.1 | 19.4 | 12.1 | 10.0 | 8.0 | 3.7 | 12.8 | 21.3 |
| 24 | 33.1 | 33.0 | 28.5 | 31.8 | 22.5 | 19.4 | 11.3 | 9.2 | 7.9 | 3.8 | 13.7 | 20.4 |
| 25 | 31.7 | 33.8 | 29.3 | 31.6 | 22.2 | 19.1 | 10.9 | 8.7 | 7.6 | 3.9 | 15.5 | 19.6 |
| 26 | 30.3 | 34.4 | 29.8 | 31.0 | 21.9 | 18.8 | 10.8 | 8.4 | 7.5 | 3.9 | 16.6 | 19.3 |
| 27 | 28.7 | 34.6 | 30.4 | 29.7 | 21.8 | 18.5 | 10.8 | 8.5 | 7.7 | 4.4 | 17.2 | 19.3 |
| 28 | 26.9 | 34.8 | 30.9 | 27.8 | 22.8 | 18.3 | 10.6 | 8.3 | 8.4 | 4.8 | 16.9 | 19.7 |
| 29 | 25.2 | | 31.3 | 26.5 | 24.8 | 18.1 | 10.3 | 8.2 | 8.3 | 5.2 | 16.0 | 20.0 |
| 30 | 23.5 | | 31.8 | 25.5 | 27.3 | 17.9 | 10.2 | 7.9 | 7.6 | 5.7 | 14.9 | 20.0 |
| 31 | 21.9 | | 32.3 | | 28.6 | | 10.5 | 7.5 | | 6.5 | | 19.8 |

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

| | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|
| MEAN | 35.49 | 26.57 | 29.18 | 29.91 | 24.79 | 20.55 | 14.14 | 9.08 | 7.18 | 5.79 | 11.19 | 23.53 |
| MAX. | 39.4 | 34.8 | 34.9 | 34.2 | 28.6 | 28.6 | 17.6 | 10.7 | 8.4 | 8.5 | 17.2 | 30.2 |
| MIN. | 21.9 | 20.1 | 25.9 | 24.4 | 21.8 | 17.9 | 10.2 | 7.5 | 5.5 | 3.6 | 7.4 | 14.2 |

E- ESTIMATED.

HIGHEST STAGE WAS 39.46 ON JAN 4.

LOWEST STAGE WAS 3.63 ON OCT 22.