

DAILY STAGES FOR 1996

MISSISSIPPI RIVER AT NEW MADRID, MO.

LOCATION. LAT. 36-34-59, LONG. 89-31-56. AT MILE 889.0, AT BOAT RAMP ON NEW MADRID FRONT, SIX TENTHS MILE DOWNSTREAM FROM MOUTH OF ST. JOHNS BAYOU.

GAGE. TELEMETRY VIA SATELLITE FROM DATA COLLECTION PLATFORM ON DOCK.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,200 SQUARE MILES. BANKFULL STAGE, 40 FEET. LOW WATER REFERENCE PLANE, 2.7 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 7, 1879, TO DATE. PRIOR TO NOV. 22, 1892, GAGE WAS AT MORRISON LANDING, TWO MILES UPSTREAM. FROM NOV. 22, 1892 TO AUG. 4, 1965, GAGE WAS ABOUT 0.5 MILE ABOVE NEW MADRID AT ST. JOHNS BAYOU AND CONSISTED OF VERTICAL SECTIONS. GAGE WAS MOVED 0.35 MILE DOWNSTREAM ON AUG. 4, 1965. STAGES ARE PUBLISHED ALSO BY THE NATIONAL WEATHER SERVICE.

EXTREMES. HIGHEST, 47.97 FEET ON FEB. 3, 1937. LOWEST, MINUS 1.50 FEET ON JUL. 12, 1988, AND SUBSEQUENT DAYS.

| DAY | DAILY EIGHT A.M. STAGE IN FEET | | | | | | | | | | | |
|-----|--|------|------|------|------|------|------|------|------|------|------|------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| | GAGE ZERO, 255.48 FEET, N.G.V.D. OF 1929 | | | | | | | | | | | |
| 1 | 10.0 | 30.5 | 18.6 | 26.9 | 30.7 | 35.6 | 22.9 | 16.5 | 8.7 | 14.2 | 14.6 | 23.5 |
| 2 | 9.2 | 30.5 | 19.2 | 26.7 | 32.2 | 35.7 | 22.3 | 16.2 | 7.6 | 15.8 | 13.9 | 24.0 |
| 3 | 8.9 | 30.2 | 20.0 | 25.9 | 33.7 | 36.0 | 21.6 | 17.0 | 7.3 | 16.8 | 13.4 | 25.2 |
| 4 | 9.0 | 29.8 | 20.8 | 25.4 | 34.5 | 36.4 | 21.0 | 18.2 | 7.1 | 17.0 | 13.3 | 26.8 |
| 5 | 10.0 | 29.5 | 21.3 | 25.5 | 34.7 | 36.7 | 19.8 | 19.0 | 7.4 | 16.7 | 13.4 | 28.1 |
| 6 | 11.0 | 29.1 | 21.5 | 25.7 | 34.6 | 36.6 | 18.9 | 19.2 | 7.2 | 15.5 | 13.0 | 29.1 |
| 7 | 13.4 | 28.8 | 22.4 | 25.6 | 34.6 | 36.3 | 18.3 | 18.6 | 7.4 | 14.3 | 12.7 | 29.7 |
| 8 | 15.1 | 28.3 | 23.7 | 25.4 | 35.0 | 35.9 | 17.6 | 17.1 | 7.8 | 13.6 | 14.4 | 30.0 |
| 9 | 16.1 | 26.4 | 25.0 | 25.0 | 35.5 | 35.4 | 17.3 | 15.6 | 7.4 | 12.7 | 16.1 | 30.4 |
| 10 | 16.7 | 22.9 | 25.6 | 23.7 | 36.4 | 35.0 | 17.3 | 14.5 | 8.6 | 11.2 | 17.5 | 30.4 |
| 11 | 15.9 | 19.8 | 25.5 | 22.0 | 37.3 | 34.6 | 16.6 | 13.4 | 9.9 | 9.1 | 18.6 | 29.6 |
| 12 | 14.6 | 18.2 | 25.3 | 20.0 | 38.2 | 34.5 | 15.9 | 13.4 | 10.4 | 8.2 | 19.7 | 28.7 |
| 13 | 14.3 | 18.1 | 25.4 | 17.9 | 39.1 | 34.7 | 16.4 | 14.1 | 9.3 | 7.9 | 20.7 | 27.8 |
| 14 | 14.8 | 19.0 | 25.6 | 16.4 | 39.7 | 34.9 | 15.7 | 14.7 | 8.3 | 7.0 | 21.4 | 25.9 |
| 15 | 14.8 | 20.2 | 25.7 | 15.2 | 39.9 | 35.0 | 15.4 | 14.6 | 8.0 | 6.8 | 22.4 | 23.9 |
| 16 | 14.9 | 21.1 | 25.2 | 14.5 | 40.1 | 34.9 | 15.5 | 14.3 | 8.2 | 6.6 | 22.4 | 22.7 |
| 17 | 15.0 | 21.6 | 23.9 | 14.1 | 40.5 | 34.5 | 14.4 | 14.1 | 8.3 | 6.3 | 21.2 | 22.7 |
| 18 | 15.1 | 21.7 | 22.5 | 14.0 | 40.6 | 34.0 | 14.0 | 14.9 | 9.8 | 5.7 | 19.8 | 23.6 |
| 19 | 15.2 | 21.2 | 21.1 | 13.9 | 40.6 | 33.3 | 14.1 | 14.9 | 10.7 | 5.7 | 18.2 | 25.4 |
| 20 | 16.7 | 19.9 | 20.4 | 14.4 | 40.5 | 32.2 | 14.0 | 14.1 | 10.6 | 5.8 | 16.9 | 26.6 |
| 21 | 19.2 | 18.7 | 20.6 | 15.8 | 40.3 | 30.6 | 14.4 | 11.6 | 10.7 | 5.7 | 15.8 | 27.5 |
| 22 | 21.2 | 17.8 | 21.3 | 17.2 | 40.1 | 29.0 | 15.0 | 10.5 | 11.4 | 6.3 | 15.9 | 27.9 |
| 23 | 22.6 | 17.4 | 22.4 | 20.0 | 39.9 | 27.7 | 16.0 | 10.8 | 12.0 | 7.8 | 17.7 | 27.9 |
| 24 | 23.9 | 17.2 | 23.6 | 24.1 | 39.5 | 26.7 | 17.9 | 11.0 | 12.7 | 9.8 | 18.9 | 27.5 |
| 25 | 25.4 | 16.8 | 24.4 | 26.2 | 39.0 | 26.3 | 20.6 | 11.3 | 12.9 | 11.3 | 19.2 | 26.6 |
| 26 | 26.7 | 17.1 | 25.1 | 27.1 | 38.5 | 25.9 | 23.0 | 11.1 | 12.3 | 12.3 | 19.9 | 25.1 |
| 27 | 27.4 | 17.6 | 25.9 | 27.9 | 37.8 | 25.2 | 23.7 | 11.0 | 10.9 | 12.5 | 21.7 | 23.7 |
| 28 | 28.4 | 17.8 | 26.5 | 28.1 | 37.2 | 24.2 | 22.8 | 11.7 | 9.6 | 13.2 | 22.6 | 22.6 |
| 29 | 29.2 | 18.1 | 26.9 | 28.1 | 36.5 | 23.4 | 21.0 | 11.3 | 11.2 | 15.3 | 23.1 | 21.9 |
| 30 | 29.9 | | 27.1 | 29.0 | 35.9 | 23.1 | 19.4 | 10.7 | 12.6 | 15.8 | 23.4 | 21.4 |
| 31 | 30.3 | | 27.1 | | 35.7 | | 17.6 | 9.9 | | 15.4 | | 21.1 |

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 17.9 | 22.2 | 23.5 | 22.1 | 37.4 | 32.1 | 18.1 | 14.0 | 9.5 | 11.0 | 18.1 | 26.1 |
| MAX. | 30.3 | 30.5 | 27.1 | 29.0 | 40.6 | 36.7 | 23.7 | 19.2 | 12.9 | 17.0 | 23.4 | 30.4 |
| MIN. | 8.9 | 16.8 | 18.6 | 13.9 | 30.7 | 23.1 | 14.0 | 9.9 | 7.1 | 5.7 | 12.7 | 21.1 |

HIGHEST STAGE WAS 40.68 ON MAY 19.
LOWEST STAGE WAS 5.65 ON OCT 21.