

1

DAILY STAGES FOR 1981

13

MISSISSIPPI RIVER H. W. GAGE 158 AT MOUTH OF OBION RIVER, TENN.

LOCATION. LAT. 35-54-14, LONG. 89-38-24. HIGH WATER GAGE AT MILE 819.1.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 924,000 SQUARE MILES. LOW WATER REFERENCE PLANE, 8.3 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO NOV. 23, 1939, HIGH STAGES ONLY, FROM SITE ONE MILE UPSTREAM.

EXTREMES. HIGHEST, 52.45 FEET ON FEB. 8, 1937. LOWEST, 0.3 FOOT ON JAN. 23, 1956.

1 DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 218.33 FEET, N.G.V.D. OF 1929

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-------|--------|------|------|------|--------|--------|--------|------|--------|------|------|
| 1 | E 6.4 | 8.7 | 27.0 | 12.5 | 25.6 | E 30.2 | 27.8 | 27.3 | 13.2 | E 10.8 | 16.9 | 13.7 |
| 2 | E 6.4 | 10.2 | 27.9 | 14.0 | 24.7 | 29.4 | 27.5 | 28.2 | 14.1 | E 11.3 | 17.6 | 14.7 |
| 3 | E 6.5 | 10.7 | 28.0 | 15.7 | 23.7 | 29.4 | 26.6 | 28.7 | 15.7 | E 11.6 | 18.1 | 17.3 |
| 4 | E 6.9 | 11.9 | 28.0 | 17.0 | 22.2 | 29.5 | 26.0 | E 28.5 | 16.5 | E 11.6 | 18.0 | 18.2 |
| 5 | E 8.0 | 14.7 | 27.9 | 17.8 | 21.6 | 29.9 | 25.6 | 28.2 | 19.0 | E 11.4 | 17.7 | 19.1 |
| 6 | E 7.5 | 17.4 | 27.9 | 16.9 | 21.6 | 30.5 | 25.7 | 25.9 | 20.2 | 11.2 | 17.0 | 19.3 |
| 7 | E 7.5 | 19.7 | 27.7 | 15.9 | 22.0 | 31.1 | 25.9 | 24.5 | 21.0 | 11.2 | 16.7 | 19.7 |
| 8 | E 7.0 | 21.0 | 27.0 | 16.7 | 22.5 | 31.7 | 26.4 | 23.5 | 21.2 | 11.6 | 18.5 | 20.0 |
| 9 | E 6.0 | 21.0 | 26.7 | 19.0 | 22.5 | 32.8 | E 27.2 | 22.8 | 21.4 | 11.9 | 20.0 | 19.4 |
| 10 | E 5.9 | E 20.3 | 25.2 | 20.0 | 22.0 | 33.5 | E 27.9 | 22.8 | 21.2 | 11.9 | 19.7 | 18.8 |
| 11 | E 5.9 | 19.7 | 24.5 | 20.5 | 21.5 | 33.5 | E 28.3 | 22.5 | 20.2 | 11.8 | 18.7 | 17.8 |
| 12 | E 5.9 | 17.2 | 24.0 | 20.3 | 21.0 | 33.2 | E 28.2 | 22.1 | 19.0 | 11.8 | 17.7 | 16.8 |
| 13 | E 6.0 | 16.4 | 23.5 | 19.9 | 21.0 | 32.7 | E 27.0 | 22.0 | 17.6 | 11.9 | 16.8 | 15.8 |
| 14 | 5.9 | 16.3 | 23.0 | 19.0 | 21.5 | 32.5 | E 25.6 | 21.5 | 16.9 | 12.0 | 16.0 | 15.3 |
| 15 | 5.9 | 15.7 | 21.0 | 18.7 | 22.0 | 32.5 | 24.0 | 20.5 | 16.1 | 12.0 | 15.4 | 14.7 |
| 16 | 5.9 | 15.7 | 18.0 | 19.1 | 22.9 | 32.6 | 23.0 | 20.5 | 15.8 | 12.0 | 14.8 | 14.6 |
| 17 | 5.7 | 16.2 | 17.5 | 20.7 | 23.1 | 32.7 | 22.0 | 19.5 | 15.5 | 11.9 | 14.0 | 14.7 |

| | | | | | | | | | | | | | |
|----|---|-----|------|------|------|------|------|------|------|--------|------|--------|------|
| 18 | | 5.4 | 17.0 | 15.8 | 22.7 | 23.9 | 32.7 | 21.5 | 19.0 | 14.9 | 12.1 | 13.0 | 14.0 |
| 19 | E | 5.2 | 17.5 | 14.5 | 24.5 | 24.5 | 32.7 | 21.0 | 18.5 | 14.7 | 12.6 | E 12.0 | 13.7 |
| 20 | E | 5.2 | 17.0 | 13.7 | 25.8 | 26.5 | 32.4 | 21.0 | 18.0 | 14.4 | 13.1 | E 11.2 | 13.6 |
| 21 | | 5.4 | 17.4 | 13.5 | 26.7 | 29.9 | 32.1 | 21.5 | 17.8 | E 13.8 | 14.1 | E 10.7 | 13.3 |
| 22 | | 5.6 | 19.7 | 13.4 | 26.9 | 32.7 | 31.7 | 21.6 | 18.0 | E 13.1 | 14.5 | E 10.6 | 12.7 |
| 23 | | 5.7 | 20.9 | 13.0 | 27.3 | 34.0 | 31.5 | 22.7 | 17.7 | 12.5 | 14.6 | E 10.7 | 12.5 |
| 24 | | 5.9 | 23.4 | 12.9 | 28.0 | 35.0 | 31.0 | 24.0 | 17.0 | 12.0 | 14.8 | E 11.0 | 13.0 |
| 25 | | 5.8 | 24.5 | 12.5 | 28.5 | 35.4 | 30.4 | 24.5 | 15.6 | E 11.6 | 14.9 | E 11.7 | 15.2 |
| 26 | | 5.8 | 24.9 | 12.0 | 28.5 | 35.1 | 29.7 | 24.7 | 15.2 | E 11.1 | 14.7 | 12.5 | 17.9 |
| 27 | | 5.9 | 25.2 | 11.4 | 28.1 | 34.6 | 29.1 | 24.9 | 14.9 | E 10.2 | 14.5 | 13.1 | 20.0 |
| 28 | | 6.2 | 26.0 | 10.7 | 27.9 | 34.2 | 28.5 | 25.1 | 15.0 | E 9.8 | 14.5 | 12.8 | 20.9 |
| 29 | | 7.0 | | 10.2 | 27.5 | 33.5 | 28.0 | 25.2 | 14.6 | E 9.9 | 14.6 | 12.4 | 21.6 |
| 30 | | 7.2 | | 10.9 | 26.7 | 32.1 | 27.7 | 25.7 | 13.9 | E 10.3 | 14.9 | 12.2 | 22.6 |
| 31 | | 7.5 | | 12.0 | | 30.9 | | 26.2 | 13.5 | | 15.4 | | 22.9 |

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

| | | | | | | | | | | | | |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN | 6.23 | 18.08 | 19.40 | 21.76 | 26.57 | 31.17 | 24.98 | 20.57 | 15.43 | 12.81 | 14.92 | 16.90 |
| MAX. | 8.0 | 26.0 | 28.0 | 28.5 | 35.4 | 33.5 | 28.3 | 28.7 | 21.4 | 15.4 | 20.0 | 22.9 |
| MIN. | 5.2 | 8.7 | 10.2 | 12.5 | 21.0 | 27.7 | 21.0 | 13.5 | 9.8 | 10.8 | 10.6 | 12.5 |

E- ESTIMATED.

HIGHEST STAGE WAS 35.40 ON MAY 25.

LOWEST STAGE WAS 5.20 ON JAN. 19 AND 20.