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22

DAILY STAGES FOR 1981

MISSISSIPPI RIVER (TENNESSEE CHUTE) AT MEMPHIS, TENN.

LOCATION. LAT. 35-04-43, LONG. 90-05-45. MILE 5.5 MEMPHIS HARBOR ACCESS CHANNEL (MCKELLAR LAKE).
THE MOUTH OF MEMPHIS HARBOR CHANNEL IS 725.6 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD
OF PASSES (LA).

GAGE. STAFF TYPE IN SEVERAL SECTIONS, A HALF MILE DOWNSTREAM FROM MOUTH OF NONCONNAH CREEK.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, 1.7 AT THE FOOT OF MCKELLAR LAKE OR MEMPHIS HARBOR
CHANNEL, 3.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, AUG. 9, 1938, TO DATE.

EXTREMES. HIGHEST, 45.25 FEET, ON FEB. 22, 1950. LOWEST, MINUS 0.6 FOOT ON FEB. 6, 1977.

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DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 178.05 FEET, N.G.V.D. OF 1929

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|
| 1 | -0.7 | E -0.3 | 19.0 | 4.0 | 19.0 | 24.1 | 20.6 | E 19.0 | E 6.4 | E 2.8 | E 6.9 | 4.9 |
| 2 | -1.0 | E 0.4 | 19.7 | 4.5 | E 18.1 | 23.1 | 20.5 | E 19.9 | E 6.4 | E 3.1 | 8.2 | 5.5 |
| 3 | -1.1 | E 1.5 | E 20.4 | 5.8 | 17.0 | 22.6 | E 20.1 | 20.7 | 7.0 | E 3.5 | 9.3 | 6.3 |
| 4 | E -1.0 | E 1.8 | 20.8 | E 7.3 | 15.7 | 22.3 | E 19.3 | 21.1 | 7.6 | E 3.8 | 9.7 | 7.8 |
| 5 | -0.9 | E 2.8 | 20.9 | E 8.9 | 14.5 | 22.5 | E 18.8 | 20.7 | E 9.1 | E 3.8 | 9.8 | E 9.7 |
| 6 | -0.5 | E 5.3 | 20.7 | 9.6 | 14.0 | E 23.4 | 18.4 | 19.7 | E 10.6 | E 3.6 | 9.5 | 10.9 |
| 7 | -0.3 | E 7.8 | E 20.7 | 8.9 | 14.0 | E 24.0 | 18.3 | 18.5 | E 11.9 | E 3.2 | E 8.8 | 11.4 |
| 8 | -0.5 | 10.0 | E 20.2 | E 8.2 | 14.3 | 24.5 | E 18.5 | E 17.1 | 12.7 | E 3.2 | E 8.4 | 11.7 |
| 9 | -0.9 | 12.7 | 19.5 | 8.9 | E 14.8 | 25.0 | 18.9 | E 15.9 | 13.1 | E 3.4 | 9.8 | 11.7 |
| 10 | E -1.6 | 13.0 | 18.8 | 10.3 | E 14.9 | 25.7 | 19.8 | 15.1 | 13.3 | E 3.6 | 11.3 | E 11.4 |
| 11 | E -1.9 | 12.6 | 17.9 | E 11.5 | 14.4 | 26.1 | E 20.4 | 14.8 | 13.1 | E 3.6 | 11.3 | E 10.5 |
| 12 | -2.0 | 11.0 | 17.1 | E 12.1 | 13.6 | 26.2 | E 20.6 | 14.4 | 12.5 | 3.5 | 10.6 | E 9.2 |
| 13 | -2.0 | 9.7 | 16.6 | 12.3 | 13.0 | E 25.9 | 20.4 | 14.1 | E 11.3 | 3.6 | 9.6 | 8.0 |
| 14 | -1.8 | E 8.8 | 15.6 | E 11.8 | 13.1 | E 25.5 | 19.6 | 14.0 | 10.0 | 3.6 | E 8.9 | 7.4 |
| 15 | -1.9 | E 8.3 | 14.8 | 11.1 | 13.5 | 25.3 | 18.3 | E 13.5 | 9.0 | 3.8 | E 8.2 | E 6.9 |
| 16 | -1.9 | E 8.1 | 13.8 | 10.9 | E 13.9 | 25.3 | E 17.3 | E 12.5 | E 8.5 | 3.9 | 7.5 | E 6.5 |
| 17 | -1.9 | E 7.9 | 12.8 | 12.0 | E 14.9 | 25.3 | 16.5 | 11.6 | E 8.1 | E 4.0 | 6.8 | 6.5 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----|---|------|---|------|------|-----|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 18 | E | -2.1 | E | 8.2 | 11.0 | E | 13.0 | E | 15.5 | 25.3 | E | 15.1 | 11.1 | E | 7.8 | E | 4.4 | E | 6.1 | E | 6.3 | | |
| 19 | E | -2.6 | E | 8.9 | 9.3 | | 14.9 | E | 16.0 | 25.3 | E | 14.3 | 10.7 | E | 7.3 | | 4.4 | | 5.3 | E | 5.8 | | |
| 20 | | -3.0 | E | 9.2 | 7.1 | | 16.9 | E | 17.0 | E | 25.2 | E | 13.9 | 10.4 | E | 7.2 | | 4.4 | | 4.5 | | 5.5 | |
| 21 | | -3.2 | E | 9.2 | 6.5 | | 18.3 | E | 19.5 | 25.0 | E | 13.9 | 10.1 | | 7.0 | | 4.8 | E | 3.7 | | 5.4 | | |
| 22 | | -3.2 | E | 9.6 | E | 5.9 | 19.2 | E | 22.6 | 24.7 | E | 13.7 | E | 9.8 | 6.5 | | 5.6 | | 3.3 | | 4.9 | | |
| 23 | | -3.0 | | 11.3 | 5.7 | | 19.7 | E | 24.7 | 24.6 | E | 14.0 | E | 9.9 | 6.0 | | 6.3 | | 3.1 | E | 4.4 | | |
| 24 | | -2.9 | | 13.8 | 5.4 | | 19.9 | E | 26.2 | 24.1 | E | 15.0 | | 9.7 | 5.5 | E | 6.4 | | 3.2 | E | 4.0 | | |
| 25 | | -2.8 | | 15.7 | 5.1 | E | 20.5 | E | 27.0 | E | 23.5 | E | 16.2 | 9.1 | E | 5.0 | E | 6.5 | | 3.3 | E | 4.4 | |
| 26 | | -2.8 | | 17.0 | 4.8 | E | 21.0 | | 27.8 | E | 23.0 | E | 16.7 | E | 8.4 | E | 4.4 | E | 6.7 | E | 3.8 | E | 6.4 |
| 27 | | -2.7 | E | 17.6 | 4.2 | | 20.9 | E | 27.5 | 22.4 | | 17.1 | 8.0 | E | 3.9 | E | 6.5 | E | 4.4 | E | 9.0 | | |
| 28 | | -2.5 | | 18.3 | E | 3.6 | 20.7 | | 27.2 | E | 21.8 | 17.5 | E | 7.7 | E | 3.1 | E | 6.2 | E | 4.7 | E | 11.1 | |
| 29 | | -1.8 | | | E | 3.4 | 20.5 | | 26.7 | 21.0 | | 17.7 | E | 7.4 | E | 2.6 | E | 6.1 | E | 4.6 | E | 12.4 | |
| 30 | | -1.4 | | | E | 3.0 | E | 20.0 | E | 26.0 | 20.5 | | 17.9 | 7.0 | E | 2.4 | E | 6.3 | | 4.5 | E | 13.4 | |
| 31 | | -0.6 | | | | 3.0 | | | E | 25.3 | | 18.3 | E | 6.6 | | E | 6.5 | | | | E | 14.4 | |

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

| | | | | | | | | | | | | |
|------|-------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| MEAN | -1.81 | 9.29 | 12.49 | 13.45 | 18.76 | 24.10 | 17.66 | 13.17 | 7.98 | 4.55 | 6.97 | 8.17 |
| MAX. | -0.3 | 18.3 | 20.9 | 21.0 | 27.8 | 26.2 | 20.6 | 21.1 | 13.3 | 6.7 | 11.3 | 14.4 |
| MIN. | -3.2 | -0.3 | 3.0 | 4.0 | 13.0 | 20.5 | 13.7 | 6.6 | 2.4 | 2.8 | 3.1 | 4.0 |

E- ESTIMATED.

HIGHEST STAGE WAS 27.79 ON MAY 26.

LOWEST STAGE WAS -3.18 ON JAN. 21 AND 22.