**1982 Daily Values**

**MISSISSIPPI - GRAND TOWER (MIGT)**

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|---|---|
| Location: | LAT. 37-39-29 LONG. 89-30-45. AT CENTRAL ILLINOIS PUBLIC SERVICE POWER PLANT, AT MILE 81.9 ABOVE THE MOUTH OF THE OHIO RIVER. |
| Gage: | G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. NOTE#1: PRIOR TO APR. 3, 1960, GAGE WAS LOCATED AT MILE 79.8 ABOVE THE MOUTH OF THE OHIO RIVER. NO CHANGE IN DATUM. NOTE#2: AUXILIARY IS A STAFF GAGE IN TWO SECTIONS. |
| General Information: | FLOOD STAGE, 28 FEET. DRAINAGE AREA, 709,210 SQUARE MILES. NOTE: THE 4,000 SQUARE MILES IN GREAT DIVIDE BASIN ARE NO LONGER INCLUDED. |
| Records Available: | STAGE, 1885 TO DATE, IN FILES OF CORPS OF ENGINEERS. NOTE: THE TERMS "TO DATE", "PERIOD OF RECORD", AND "TO PRESENT" REPRESENT DATA THROUGH DEC. 31 OF PREVIOUS YEAR FROM DATE PRINTED. |
| Mean Level: | PERIOD OF RECORD, 13.96 FT . |
| Extreme Level: | PERIOD OF RECORD, DAILY HIGH OF 47.40 FT ON 30 APR 1973 & PERIOD OF RECORD, DAILY LOW OF -0.20 FT ON 22 JAN 1940 . |
| Zero Gage Datum: | 321.93 ft NGVD. NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION. |

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

| | Month | | | | | | | | | | | |
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| **Day** | **January** | **February** | **March** | **April** | **May** | **June** | **July** | **August** | **September** | **October** | **November** | **December** |
| 1 | 9.90 | 26.10 | 31.20 | 30.90 | 27.40 | 32.90 | 24.20 | 21.20 | 21.00 | 13.30 | 17.60 | 24.60 |
| 2 | 9.90 | 28.70 | 29.70 | 30.00 | 27.10 | 33.50 | 23.80 | 20.30 | 21.90 | 11.90 | 18.60 | 24.40 |
| 3 | 10.70 | 27.10 | 28.00 | 29.60 | 27.00 | 34.40 | 23.70 | 19.20 | 25.40 | 11.20 | 19.20 | 26.20 |
| 4 | 11.30 | 24.90 | 26.90 | 29.50 | 27.00 | 34.80 | 24.30 | 18.30 | 27.70 | 11.80 | 19.80 | 34.10 |
| 5 | 12.50 | 23.10 | 26.20 | 29.50 | 26.80 | 35.40 | 26.50 | 18.00 | 27.40 | 12.90 | 20.70 | 37.20 |
| 6 | 12.90 | 21.70 | 25.20 | 29.10 | 26.70 | 35.70 | 30.00 | 18.10 | 25.20 | 12.40 | 20.50 | 39.90 |
| 7 | 13.00 | 20.10 | 24.50 | 29.00 | 27.00 | 35.70 | 30.90 | 18.20 | 23.10 | 12.60 | 20.00 | 41.60 |
| 8 | 12.90 | 18.30 | 23.30 | 28.70 | 26.80 | 35.40 | 31.10 | 18.70 | 21.40 | 13.60 | 19.70 | 43.10 |
| 9 | 11.70 | 16.80 | 22.20 | 28.50 | 26.30 | 35.00 | 30.50 | 20.80 | 19.50 | 14.10 | 18.80 | 43.70 |
| 10 | 11.40 | 15.10 | 21.40 | 28.10 | 25.80 | 34.90 | 29.30 | 20.60 | 17.80 | 15.10 | 17.90 | 43.30 |
| 11 | 10.00 | 14.30 | 20.60 | 27.70 | 26.70 | 35.10 | 28.90 | 20.40 | 17.00 | 15.00 | 17.50 | 42.20 |
| 12 | 9.80 | 13.70 | 19.80 | 27.20 | 27.00 | 35.60 | 28.00 | 19.50 | 15.80 | 18.00 | 17.20 | 40.50 |
| 13 | 10.10 | 13.00 | 20.60 | 26.70 | 25.80 | 36.10 | 27.80 | 18.20 | 14.80 | 19.40 | 17.10 | 39.30 |
| 14 | 9.90 | 12.70 | 22.40 | 26.30 | 25.10 | 36.10 | 25.80 | 16.60 | 14.90 | 19.40 | 18.00 | 37.90 |
| 15 | 9.00 | 12.50 | 24.10 | 26.20 | 24.40 | 35.90 | 25.00 | 16.00 | 15.20 | 18.90 | 19.60 | 36.70 |
| 16 | 8.50 | 13.10 | 25.70 | 26.20 | 23.70 | 35.60 | 25.40 | 15.00 | 15.30 | 18.80 | 22.30 | 35.20 |
| 17 | 7.70 | 15.40 | 27.70 | 26.70 | 24.20 | 34.90 | 25.80 | 23.60 | 17.30 | 18.60 | 22.80 | 33.30 |
| 18 | 7.40 | 19.70 | 29.60 | 27.00 | 26.30 | 33.70 | 26.30 | 26.10 | 18.90 | 18.00 | 23.00 | 31.10 |
| 19 | 7.00 | 23.00 | 31.30 | 27.70 | 27.10 | 32.50 | 26.20 | 25.00 | 19.20 | 17.50 | 22.90 | 29.40 |
| 20 | 6.80 | 26.70 | 32.10 | 28.70 | 27.50 | 31.90 | 26.80 | 23.50 | 20.60 | 17.70 | 22.50 | 28.70 |
| 21 | 6.70 | 28.80 | 32.40 | 29.70 | 27.80 | 31.60 | 27.70 | 21.00 | 20.30 | 17.70 | 22.40 | 27.80 |
| 22 | 6.90 | 30.10 | 32.50 | 30.70 | 27.60 | 31.50 | 28.60 | 18.40 | 20.00 | 17.00 | 22.40 | 27.10 |
| 23 | 8.60 | 31.50 | 32.80 | 31.10 | 28.00 | 30.80 | 29.50 | 17.00 | 19.40 | 17.20 | 22.20 | 26.50 |
| 24 | 9.00 | 32.40 | 33.40 | 30.70 | 28.30 | 29.00 | 29.90 | 16.10 | 19.00 | 17.50 | 22.20 | 27.30 |
| 25 | 9.00 | 33.10 | 34.10 | 30.10 | 29.00 | 26.80 | 30.40 | 14.80 | 17.70 | 17.20 | 22.30 | 31.50 |
| 26 | 9.40 | 33.20 | 34.20 | 29.50 | 29.90 | 25.20 | 30.20 | 14.30 | 17.00 | 16.90 | 22.30 | 32.30 |
| 27 | 9.40 | 33.90 | 34.00 | 30.10 | 30.20 | 24.30 | 28.80 | 15.00 | 15.70 | 17.40 | 22.60 | 33.70 |
| 28 | 8.80 | 32.20 | 33.40 | 28.80 | 29.80 | 23.80 | 26.70 | 15.60 | 15.20 | 17.00 | 23.00 | 34.60 |
| 29 | 8.80 | ---- | 32.80 | 28.10 | 29.40 | 23.50 | 25.10 | 19.10 | 14.50 | 17.00 | 23.80 | 34.70 |
| 30 | 9.70 | ---- | 32.00 | 27.80 | 30.90 | 24.00 | 23.70 | 22.60 | 13.60 | 17.50 | 24.80 | 34.10 |
| 31 | 17.20 | ---- | 31.50 | ---- | 31.80 | ---- | 22.40 | 22.20 | ---- | 17.40 | ---- | |
| **Mean** | 9.87 | 22.90 | 28.25 | 28.66 | 27.37 | 32.19 | 27.20 | 19.14 | 19.06 | 16.13 | 20.79 | 34.07 |
| **Max** | 17.20 | 33.90 | 34.20 | 31.10 | 31.80 | 36.10 | 31.10 | 26.10 | 27.70 | 19.40 | 24.80 | 43.70 |
| **Min** | 6.70 | 12.50 | 19.80 | 26.20 | 23.70 | 23.50 | 22.40 | 14.30 | 13.60 | 11.20 | 17.10 | 24.40 |
| **Day** | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 30 |

The Mean STAGE for the Year was: 23.79
The Highest STAGE for the Year was: 43.70
The Lowest STAGE for the Year was: 6.70
The Total Number of Days for the Year was: 365

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.