**1920 Daily Values**

**ILLINOIS RIVER AT PEARL (MANUALLY OBSERVED GAGE), IL (ILPE/I P43)**

| | |
|---|---|
| Location: | LAT. 39-27-30, LONG. 90-36-38. AT MILE 43.2 ABOVE THE MOUTH OF THE ILLINOIS RIVER. |
| Gage: | VERTICAL STAFF. OWNED, READ, AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. |
| General Information: | DRAINAGE AREA, 26,475 SQUARE MILES. FLOOD STAGE, 424.00 FEET. NOTE 1: LOCK & DAM 26 REACHED FULL POOL IN 1939 & AFFECTS ILLINOIS RIVER READINGS*. NOTE 2: NO DATUM HAS BEEN ESTABLISHED. |
| Records Available: | STAGE, 1873, 1878 TO 1881, 1885 TO 1938, 1942 TO DATE, IN FILES OF THE CORPS OF ENGINEERS. |
| Mean Elev: | PERIOD OF RECORD, 419.83 FT . |
| Extreme Elev: | PERIOD OF RECORD, DAILY HIGH OF 433.22 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 11 APR 1913 & PERIOD OF RECORD, DAILY LOW OF 412.39 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 08 OCT 1879 . |
| Zero Gage Datum: | 0.00 ft NGVD 29 NOTE: SUBTRACT DATUM FROM ELEVATION TO OBTAIN STAGE. |

ALL VALUES RECORDED AT 8AM. ELEVATION IN FT:

| | Month | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Day** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** |
| 1 | 420.5 | 419.2 | 418.9 | 429.1 | 430.9 | 426.7 | 419.4 | 418.0 | 417.8 | 417.5 | 417.7 | 417.7 |
| 2 | 420.0 | 419.2 | 418.9 | 429.2 | 431.1 | 426.5 | 419.4 | 417.9 | 417.7 | 417.5 | 417.7 | 417.7 |
| 3 | 419.7 | 419.3 | 418.9 | 429.2 | 431.1 | 426.4 | 419.6 | 417.9 | 417.7 | 417.5 | 417.7 | 417.7 |
| 4 | 420.0 | 419.5 | 419.0 | 429.3 | 431.1 | 426.4 | 419.7 | 417.9 | 417.6 | 417.5 | 417.7 | 417.7 |
| 5 | 419.9 | 419.6 | 419.4 | 429.3 | 431.0 | 426.4 | 419.7 | 417.9 | 417.6 | 417.5 | 417.7 | 417.8 |
| 6 | 420.0 | 419.7 | 419.6 | 429.3 | 430.7 | 426.2 | 419.6 | 417.8 | 417.6 | 417.5 | 417.7 | 417.7 |
| 7 | 420.0 | 419.7 | 419.6 | 429.2 | 430.3 | 425.9 | 419.9 | 417.8 | 417.6 | 417.5 | 417.7 | 417.7 |
| 8 | 419.9 | 419.8 | 418.8 | 429.2 | 429.7 | 425.5 | 419.7 | 417.8 | 417.6 | 417.5 | 417.7 | 417.7 |
| 9 | 420.3 | 419.8 | 419.2 | 429.3 | 429.2 | 425.2 | 419.6 | 417.8 | 417.7 | 417.5 | 417.8 | 417.7 |
| 10 | 420.2 | 419.5 | 419.3 | 429.4 | 428.8 | 425.0 | 419.6 | 417.8 | 417.6 | 417.5 | 417.7 | 417.7 |
| 11 | 420.1 | 419.7 | 419.6 | 429.6 | 428.4 | 424.6 | 419.5 | 417.8 | 418.2 | 417.5 | 417.7 | 417.7 |
| 12 | 420.0 | 419.9 | 421.6 | 429.7 | 428.4 | 424.2 | 419.4 | 417.8 | 418.2 | 417.5 | 417.7 | 417.7 |
| 13 | 420.0 | 419.5 | 422.3 | 429.7 | 429.3 | 423.7 | 419.3 | 417.8 | 417.9 | 417.5 | 417.7 | 417.8 |
| 14 | 419.9 | 419.4 | 423.4 | 429.7 | 429.9 | 423.2 | 419.0 | 417.8 | 417.8 | 417.5 | 417.7 | 418.0 |
| 15 | 419.8 | 419.4 | 423.9 | 429.7 | 429.9 | 422.7 | 419.0 | 417.8 | 417.7 | 417.5 | 417.7 | 417.8 |
| 16 | 419.8 | 418.3 | 424.2 | 429.6 | 429.8 | 422.3 | 419.1 | 417.9 | 418.5 | 417.5 | 417.7 | 417.8 |
| 17 | 419.8 | 419.2 | 424.5 | 429.7 | 429.7 | 421.8 | 419.2 | 417.8 | 418.4 | 417.5 | 417.7 | 417.8 |
| 18 | 419.7 | 418.7 | 424.9 | 429.8 | 429.7 | 421.4 | 419.3 | 417.8 | 418.2 | 417.5 | 417.7 | 417.8 |
| 19 | 419.6 | 419.1 | 425.6 | 429.9 | 429.7 | 421.1 | 419.2 | 417.8 | 417.9 | 417.5 | 417.7 | 417.9 |
| 20 | 419.5 | 419.4 | 426.0 | 430.2 | 429.6 | 420.9 | 419.0 | 417.8 | 417.8 | 417.5 | 417.7 | 417.9 |
| 21 | 419.5 | 419.2 | 426.2 | 430.4 | 429.5 | 420.6 | 418.8 | 417.9 | 417.7 | 417.5 | 417.7 | 418.0 |
| 22 | 419.3 | 419.1 | 426.2 | 430.5 | 429.3 | 420.4 | 418.6 | 417.8 | 417.7 | 417.5 | 417.7 | 418.0 |
| 23 | 419.2 | 419.0 | 426.1 | 430.6 | 429.0 | 420.3 | 418.5 | 417.8 | 417.7 | 417.5 | 417.7 | 418.0 |
| 24 | 419.2 | 419.0 | 426.1 | 430.9 | 428.8 | 420.2 | 418.4 | 417.7 | 417.7 | 417.7 | 417.7 | 417.9 |
| 25 | 419.3 | 419.0 | 426.0 | 431.2 | 428.8 | 420.1 | 418.3 | 417.7 | 417.6 | 417.8 | 417.7 | 417.3 |
| 26 | 419.2 | 418.9 | 426.5 | 431.4 | 428.7 | 419.9 | 418.2 | 417.7 | 417.6 | 417.8 | 417.7 | 417.5 |
| 27 | 419.2 | 418.9 | 427.0 | 431.5 | 428.4 | 419.8 | 418.2 | 417.7 | 417.6 | 417.8 | 417.7 | 418.0 |
| 28 | 419.1 | 419.0 | 427.7 | 431.4 | 428.5 | 419.7 | 418.1 | 417.7 | 417.7 | 417.8 | 417.7 | 418.4 |
| 29 | 419.1 | 419.0 | 427.9 | 431.2 | 427.9 | 419.6 | 418.1 | 417.7 | 417.6 | 417.7 | 417.7 | 418.2 |
| 30 | 419.1 | ---- | 428.3 | 431.1 | 427.5 | 419.5 | 418.0 | 417.8 | 417.6 | 417.7 | 417.7 | 418.1 |
| 31 | 419.2 | ---- | 428.6 | ---- | 427.1 | ---- | 418.0 | 417.8 | ---- | 417.7 | ---- | 418.1 |
| The following statistics are based on observations occuring in 1920 only. | | | | | | | | | | | | |
| **Mean** | 419.7 | 419.3 | 423.4 | 430.0 | 429.4 | 422.9 | 419.0 | 417.8 | 417.8 | 417.6 | 417.7 | 417.8 |
| **Max** | 420.5 | 419.9 | 428.6 | 431.5 | 431.1 | 426.7 | 419.9 | 418.0 | 418.5 | 417.8 | 417.8 | 418.4 |
| **Min** | 419.1 | 418.3 | 418.8 | 429.1 | 427.1 | 419.5 | 418.0 | 417.7 | 417.6 | 417.5 | 417.7 | 417.3 |
| **Day** | 31 | 29 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 |

The Mean ELEV for the Year was: 421.0
The Highest ELEV for the Year was: 431.5 which occured on: 04-27-1920
The Lowest ELEV for the Year was: 417.3 which occured on: 12-25-1920 The Total Number of Days for the Year was: 366

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.