1977 Daily Values

ILLINOIS RIVER AT MEREDOSIA, IL (ILME/I M70)

Location:	LAT. 39-49-24, LONG. 90-34-06. AT CENTRAL ILLINOIS PUBLIC SERVICE POWERPLANT, ATTACHED TO INTAKE PIER ON LEFT BANK AND AT MILE 70.8 ABOVE THE MOUTH OF THE ILLINOIS 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: AUXILIARY STAFF GAGE ON SAME SITE.
General Information:	FLOOD ELEV, 432.00 FT NGVD DRAINAGE AREA, ABOUT 26,000 SQUARE MILES. SINCE JAN 17, 1900, FLOW HAS INCLUDED DIVERSION FROM LAKE MICHIGAN THRU CHICAGO SANITARY & SHIP CANAL. NOTE: LOCK & DAM 26 REACHED FULL POOL IN 1939 & AFFECTS IL RIVER READINGS*
Records Available:	ELEVATION, NOV 1, 1878, - JUNE 1, 1881, & JAN 19, 1884 TO DATE. PRIOR TO OCT 6, 1959, GAGE WAS AT MILE 71.1. DATUM OF GAGE WAS 416.88 FT, NGVD GAGE DATUM WAS 416.57 FT NGVD FROM 1933 - OCT 6, 1938. DISCHARGE, OCT 1933 - SEPT 1938 & OCT 1938 TO DATE IN REPORTS OF U.S. GEOLOGICAL SURVEY. NOTE 1: DISCHARGE RECORDS FOR BEARDSTOWN, MILE 88.6, ARE AVAILABLE FROM 1921 - 1928.
Mean Elev:	PERIOD OF RECORD, 425.29 FT . 01 JAN 1939 TO DATE, 425.33 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 446.69 FT ON 26 MAY 1943 & PERIOD OF RECORD, DAILY LOW OF 416.87 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 06 SEP 1893 . 01 JAN 1939 TO DATE, DAILY LOW OF 418.40 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 03 OCT 1940 .
Zero Gage Datum:	418.00 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	421.10	423.90	424.40	426.40	422.00	421.40	420.40	419.80	421.80	429.60	428.20	423.20
2	421.40	423.90	424.20	426.70	422.10	421.30	421.00	419.80	421.90	430.30	429.60	423.20
3	421.50	423.80	423.70	426.60	422.40	421.00	421.60	420.20	423.20	430.30	430.30	423.30
4	421.40	423.80	423.80	426.90	422.40	421.00	422.40	419.90	424.20	430.30	430.20	423.50
5	421.80	423.70	423.70	426.80	424.10	420.60	421.80	420.10	425.60	430.40	430.50	424.10
6	422.20	423.60	423.40	426.60	428.20	420.50	421.50	420.00	425.40	430.40	430.90	424.80
7	423.00	423.50	423.40	426.80	431.70	420.40	421.30	421.70	425.00	430.40	431.10	425.00
8	423.90	423.60	423.30	426.70	431.50	420.30	421.30	424.20	425.00	431.10	431.30	425.00
9	423.30	423.50	423.30	426.60	431.40	420.30	421.50	426.40	425.20	431.40	431.30	425.60
10	423.50	423.50	422.40	426.40	431.50	420.30	420.80	426.90	424.40	431.50	430.70	426.00
11	423.50	423.40	422.90	426.20	431.60	421.20	421.00	426.90	423.00	431.60	430.20	426.00
12	423.40	424.00	424.60	425.70	431.70	421.40	421.00	427.70	422.50	431.60	429.80	425.50
13	423.10	424.70	425.10	423.80	431.70	421.30	420.70	427.30	423.80	431.50	429.20	426.60
14	423.00	424.60	424.50	423.30	431.50	421.50	420.50	427.30	425.10	431.50	429.10	427.10
15	423.10	424.70	424.30	423.00	431.00	421.40	420.50	427.40	425.50	431.40	428.80	427.30
16	423.30	424.70	423.80	422.80	430.70	421.30	420.40	427.70	426.40	430.90	428.30	427.10
17	423.30	424.60	423.40	422.70	430.10	421.20	420.40	427.60	426.40	430.60	427.60	428.00
18	423.50	424.60	424.00	422.70	429.30	421.10	421.10	427.40	426.70	430.40	426.80	428.60
19	423.60	424.30	423.90	422.70	428.40	420.90	421.40	426.90	427.20	430.00	425.50	429.00
20	423.80	424.30	423.80	422.60	427.20	421.20	421.40	426.20	427.80	429.70	425.30	429.50
21	423.80	424.30	423.80	422.30	426.00	421.00	421.50	425.30	428.30	429.40	424.90	429.70
22	423.80	426.60	423.90	422.20	424.00	421.20	421.30	423.90	428.40	429.00	424.70	429.90
23	423.90	425.40	423.80	422.50	423.30	421.50	421.50	423.50	428.40	428.80	424.60	430.10
24	423.80	425.50	423.90	422.70	423.00	420.60	421.10	423.00	428.60	428.90	424.00	430.00
25	423.80	425.20	423.60	422.90	422.60	420.50	420.70	422.40	428.90	429.10	424.00	430.20
26	423.70	425.10	423.50	423.00	422.50	420.50	420.70	421.50	428.90	430.00	423.80	430.20
27	423.60	424.80	423.60	422.90	422.80	420.20	420.50	420.60	429.00	430.10	423.80	430.10
28	423.80	424.70	423.60	422.70	422.60	420.10	420.30	420.50	429.00	430.00	423.60	430.10
29	423.70	----	425.40	422.60	422.50	419.80	420.20	421.10	429.00	429.90	423.60	429.80
30	423.70	----	425.10	422.00	422.30	420.20	420.00	422.00	429.00	429.00	423.50	429.70
31	423.70	----	425.20	----	421.40	----	420.10	421.70	----	428.50	----	429.40
The following statistics are based on observations occuring in 1977 only.												
Mean	423.16	424.37	423.91	424.26	426.56	420.84	420.96	423.77	426.12	430.25	427.51	427.34
Max	423.90	426.60	425.40	426.90	431.70	421.50	422.40	427.70	429.00	431.60	431.30	430.20
Min	421.10	423.40	422.40	422.00	421.40	419.80	420.00	419.80	421.80	428.50	423.50	423.20
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean ELEV for the Year was: 424.93
The Highest ELEV for the Year was: 431.70 which occured on: 05-13-1977 05-12-1977 05-07-1977
The Lowest ELEV for the Year was: 419.80 which occured on: 08-02-1977 08-01-1977 06-29-1977 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.