1942 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, 420.55 FT . 01 JAN 1942 TO DATE, 423.40 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 439.10 FT ON 26 MAY 1943 & PERIOD OF RECORD, DAILY LOW OF 412.39 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 08 OCT 1879 . 01 JAN 1942 TO DATE, DAILY LOW OF 418.90 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 16 SEP 1943 .
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	422.1	420.4	427.0	426.3	423.4	420.9	425.9	419.9	420.8	420.2	419.2	424.6
2	421.9	420.3	426.6	426.2	423.0	420.5	424.9	420.2	421.1	420.3	419.2	424.6
3	421.7	420.4	426.3	426.0	423.1	420.4	423.5	420.3	421.3	420.5	419.5	424.4
4	421.7	420.6	426.0	425.8	423.0	420.3	422.4	420.6	421.7	420.5	420.0	424.2
5	422.1	423.6	425.7	425.7	422.9	420.4	421.4	420.7	421.4	420.6	420.3	424.0
6	422.2	424.5	425.4	425.5	422.7	420.9	421.0	420.8	421.2	420.6	420.0	423.8
7	422.2	425.8	425.1	425.7	422.5	421.0	420.6	421.1	421.1	420.5	419.6	423.5
8	422.2	426.4	424.8	426.3	422.3	421.3	421.4	421.3	421.0	420.6	419.6	423.3
9	422.1	426.8	424.5	426.6	422.1	421.4	423.7	421.2	420.9	420.6	419.8	422.9
10	422.0	427.3	424.3	427.1	421.7	422.1	424.5	421.1	420.6	420.5	421.1	422.5
11	422.0	427.6	424.1	427.3	421.4	421.6	425.5	421.1	420.6	420.3	421.3	422.3
12	421.9	428.0	423.9	427.5	421.4	422.3	425.7	421.0	421.0	420.0	421.0	421.9
13	421.9	428.5	423.9	427.6	421.6	422.5	425.0	420.8	421.1	419.8	421.2	421.1
14	421.9	428.7	424.2	427.5	421.4	422.6	424.6	420.5	420.9	419.7	421.9	421.0
15	422.0	429.1	424.2	427.2	421.2	422.8	424.2	420.1	420.9	419.7	422.2	420.7
16	421.9	429.5	424.7	427.0	422.6	423.1	424.1	420.1	421.0	419.7	422.4	420.7
17	421.9	429.8	425.2	426.8	422.4	423.3	423.9	420.0	421.0	419.6	422.5	421.2
18	421.9	429.8	425.0	426.7	423.3	423.5	423.9	419.6	420.8	419.5	422.6	421.1
19	422.2	429.6	425.2	426.6	423.3	424.1	423.9	419.2	420.4	419.4	422.6	421.0
20	422.6	429.4	425.4	426.5	423.2	424.3	424.3	419.0	420.2	419.3	422.5	421.0
21	422.4	429.1	425.7	426.4	423.0	424.7	424.0	418.9	420.2	419.1	422.4	421.2
22	421.6	428.9	426.1	426.1	422.7	425.2	423.5	418.9	420.1	419.0	423.2	421.5
23	421.0	428.7	426.4	425.7	422.4	425.4	423.0	419.1	420.0	419.1	424.8	421.7
24	420.8	428.4	426.7	425.4	422.0	425.3	422.5	419.5	419.6	419.2	425.4	421.4
25	420.6	428.1	426.9	425.0	421.8	425.1	422.0	419.6	419.4	419.4	425.3	421.2
26	420.4	427.8	427.0	424.7	421.7	425.6	420.9	419.4	420.1	419.2	424.9	421.2
27	420.2	427.5	427.0	424.5	421.5	426.0	420.5	419.6	420.1	419.3	424.7	424.0
28	420.4	427.3	426.9	424.3	421.6	426.4	420.1	420.1	419.9	419.4	424.7	425.4
29	420.5	----	426.8	424.0	421.6	426.7	419.8	420.8	420.0	419.6	424.7	426.6
30	420.6	----	426.6	423.6	421.5	426.5	420.1	420.8	420.1	419.8	424.7	427.0
31	420.6	----	426.5	----	421.0	----	420.0	420.6	----	419.7	----	427.4
The following statistics are based on observations occuring in 1942 only.												
Mean	421.6	426.9	425.6	426.1	422.2	423.2	422.9	420.2	420.6	419.8	422.1	422.9
Max	422.6	429.8	427.0	427.6	423.4	426.7	425.9	421.3	421.7	420.6	425.4	427.4
Min	420.2	420.3	423.9	423.6	421.0	420.3	419.8	418.9	419.4	419.0	419.2	420.7
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean ELEV for the Year was: 422.8
The Highest ELEV for the Year was: 429.8 which occured on: 02-18-1942 02-17-1942
The Lowest ELEV for the Year was: 418.9 which occured on: 08-22-1942 08-21-1942 The Total Number of Days for the Year was: 365

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