1890 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, 417.52 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 428.99 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 03 MAY 1881 & 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		421.1	418.7	419.9	420.4	418.8	420.9	414.9	413.3	413.4	413.5	414.6
2		421.0	418.6	419.9	421.1	418.8	420.9	414.7	413.3	413.5	413.9	
3		420.9	418.6	419.9	420.9	418.8	420.9	414.4	413.4	413.4	413.9	414.6
4		420.8	418.6	419.9	420.8	418.8	420.9	414.4	413.2	413.4	413.8	
5		420.6	418.5	419.9	420.7	418.8	420.9	414.2	413.2	413.4	413.7	414.5
6		420.5	418.6	419.9	420.6	418.8	420.9	414.1	413.2	413.4	413.8	
7		420.4	418.5	419.9	420.4	418.8	420.8	414.1	413.2	413.4	413.9	
8		420.2	418.6	419.9	420.2	418.7	420.6	414.1	413.2	413.4	413.8	
9		420.1	418.7	419.9	419.6	418.6	420.4	413.9	413.3	413.4	413.8	
10		419.7	419.1	419.8	419.6	418.6	419.9	413.7	413.4	413.4	413.9	
11		419.6	419.2	419.8	419.6	418.6	419.6	413.7	413.4	413.4	413.9	
12		419.6	419.4	419.8	419.6	418.7	419.1	413.7	413.4	413.4	413.8	414.1
13		419.5	419.5	419.9	419.6	419.0	418.7	413.6	413.4	413.4	413.8	
14		419.4	419.6	420.0	419.6	419.9	418.5	413.6	413.4	413.5	413.9	
15		419.3	419.6	420.1	419.7	420.9	418.3	413.5	413.4	413.5	414.0	414.1
16		419.1	419.5	420.2	419.6	421.7	418.3	413.5	413.4	413.6	414.1	414.1
17		419.1	419.3	420.4	419.4	421.2	418.3	413.5	413.4	413.8	414.1	
18		419.0	419.2	420.5	419.2	421.0	418.2	413.4	413.4	414.1	414.2	
19	422.2	418.9	419.2	420.6	419.2	420.2	418.2	413.4	413.4	413.4	414.1	
20		418.8	419.2	420.6	419.3	420.1	417.6	413.4	413.5	414.3	414.2	
21		418.7	419.4	420.6	419.3	420.1	417.4	413.4	413.4	413.4	414.1	
22		418.7	419.4	420.7	419.3	420.0	417.1	413.2	413.5	414.2	414.2	
23		418.7	419.5	420.9	419.3	419.9	416.9	413.7	413.5	414.2	414.3	
24		418.7	419.5	420.9	419.3	419.6	416.7	413.4	413.4	414.1	414.3	
25		418.7	419.5	420.9	419.3	420.1	416.1	413.6	413.5	414.1	414.4	
26		418.7	419.4	420.9	419.2	420.2	416.1	413.6	413.5	413.4	414.4	
27		418.7	419.4	421.6	419.1	420.2	416.0	413.4	413.5	414.0	414.5	
28		418.7	419.5	421.5	419.1	420.2	415.5	413.4	413.4	414.0	414.5	
29		----	419.6	421.4	419.0	420.4	415.5	413.4	413.5	413.4	414.5	
30		----	419.7	421.4	418.9	420.6	415.7	413.3	413.5	414.0	414.5	
31		----	419.8	----	418.9	----	415.5	413.4	----	414.0	----	
The following statistics are based on observations occuring in 1890 only.												
Mean	422.2	419.5	419.2	420.4	419.7	419.7	418.4	413.7	413.4	413.6	414.1	414.3
Max	422.2	421.1	419.8	421.6	421.1	421.7	420.9	414.9	413.5	414.3	414.5	414.6
Min	422.2	418.7	418.5	419.8	418.9	418.6	415.5	413.2	413.2	413.4	413.5	414.1
Day	1	28	31	30	31	30	31	31	30	31	30	6

The Mean ELEV for the Year was: 417.1
The Highest ELEV for the Year was: 422.2 which occured on: 01-19-1890
The Lowest ELEV for the Year was: 413.2 which occured on: 09-08-1890 09-07-1890 09-06-1890 09-05-1890 09-04-1890 etc... (See table for more occurences). The Total Number of Days for the Year was: 310

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