1900 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, 418.52 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 432.81 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 19 MAY 1892 & 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	418.1	418.6	420.2	427.1	422.0	419.6	418.7	418.3	418.8	418.0	418.3	419.2
2	418.1	418.6	420.1	426.7	421.8	419.6	418.7	418.3	418.9	418.0	418.3	419.4
3	418.0	418.6	420.1	426.5	421.6	419.6	418.7	418.3	419.1	418.0	418.2	419.5
4	418.0	418.7	420.2	426.3	421.5	419.6	418.7	418.3	419.1	418.1	418.2	419.5
5	418.0	418.9	420.4	426.1	421.4	419.6	418.7	418.3	418.9	418.1	418.2	419.6
6	418.0	419.0	421.6	426.0	421.2	419.6	418.8	418.3	418.9	418.1	418.2	419.6
7	418.0	419.1	421.9	425.9	421.2	419.6	418.8	418.3	418.8	418.1	418.2	419.7
8	418.1	420.3	422.3	425.8	421.2	419.5	418.8	418.3	418.8	418.1	418.2	419.7
9	418.1	420.6	423.0	425.8	421.1	419.4	418.7	418.3	418.7	418.1	418.1	419.7
10	418.1	420.3	423.4	425.7	421.0	419.4	418.6	418.3	418.6	418.2	418.1	419.7
11	418.0	420.3	424.0	425.6	421.0	419.4	418.6	418.3	418.6	418.2	418.1	419.7
12	418.0	420.3	424.2	425.5	420.6	419.4	418.6	418.2	418.6	418.2	418.1	419.6
13	418.0	420.4	424.6	425.3	420.5	419.4	418.5	418.2	418.6	418.2	418.1	419.6
14	417.9	420.5	425.4	425.1	420.4	419.4	418.5	418.1	418.6	418.2	418.1	419.6
15	417.9	420.6	426.1	425.0	420.3	419.3	418.5	418.1	418.4	418.2	418.1	419.6
16	417.9	420.6	426.6	424.8	420.1	419.3	418.6	418.1	418.3	418.2	418.1	419.6
17	417.9	420.4	427.2	424.6	420.1	419.3	418.6	418.6	418.2	418.2	418.1	419.5
18	418.1	421.3	427.7	424.4	420.1	419.3	418.5	418.9	418.1	418.2	418.2	419.4
19	419.3	422.0	428.0	424.1	420.2	419.2	418.3	419.1	418.1	418.1	418.4	419.3
20	419.2	422.8	428.2	423.9	420.2	419.1	418.5	419.0	418.1	418.1	418.4	419.3
21	419.2	421.6	428.4	423.8	420.2	419.1	418.5	419.0	418.1	418.1	418.4	419.2
22	419.1	421.7	428.5	423.6	420.1	419.0	418.3	419.0	418.1	418.1	418.4	419.2
23	419.0	421.7	428.4	423.4	420.1	419.2	418.3	419.1	418.1	418.1	418.6	419.1
24	419.0	421.7	428.4	423.3	420.0	419.4	418.3	419.1	418.1	418.1	418.6	419.1
25	418.9	421.4	428.3	423.2	420.0	418.9	418.3	419.1	418.1	418.1	418.6	419.1
26	418.8	420.9	428.3	423.1	419.9	418.9	418.3	419.0	418.0	418.1	418.6	419.1
27	418.8	420.8	428.1	422.8	419.8	418.8	418.3	418.9	417.9	418.1	418.8	419.1
28	418.8	420.4	427.8	422.6	419.8	418.6	418.3	418.9	417.9	418.1	419.0	419.0
29	418.5	----	427.6	422.4	419.7	418.6	418.3	418.8	417.9	418.2	419.0	418.9
30	418.5	----	427.6	422.1	419.7	418.6	418.3	418.8	417.9	418.2	419.1	418.9
31	418.6	----	427.3	----	419.8	----	418.3	418.8	----	418.3	----	418.9
The following statistics are based on observations occuring in 1900 only.												
Mean	418.4	420.4	425.3	424.7	420.5	419.3	418.5	418.6	418.4	418.1	418.4	419.4
Max	419.3	422.8	428.5	427.1	422.0	419.6	418.8	419.1	419.1	418.3	419.1	419.7
Min	417.9	418.6	420.1	422.1	419.7	418.6	418.3	418.1	417.9	418.0	418.1	418.9
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean ELEV for the Year was: 420.0
The Highest ELEV for the Year was: 428.5 which occured on: 03-22-1900
The Lowest ELEV for the Year was: 417.9 which occured on: 09-30-1900 09-29-1900 09-28-1900 09-27-1900 01-17-1900 etc... (See table for more occurences). 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.