1940 Daily Values

ILLINOIS RIVER AT VALLEY CITY, IL (ILVC/IVC61)

Location:	LAT. 39-42-12, LONG. 90-38-44. AT MILE 61.3 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.
General Information:	FLOOD ELEVATION, 426.00 FEET N.G.V.D. DRAINAGE AREA, 26,070 SQUARE MILES. NOTE: LOCK & DAM 26 REACHED FULL POOL IN 1939 & AFFECTS ILLINOIS RIVER READINGS*.
Records Available:	STAGE, 1878 TO 1880, 1884 TO DATE, IN FILES OF CORPS OF ENGINEERS.
Mean Elev:	PERIOD OF RECORD, 423.47 FT . 01 JAN 1939 TO DATE, 421.86 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 440.04 FT ON 19 APR 1922 & PERIOD OF RECORD, DAILY LOW OF 414.32 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 21 SEP 1879 . 01 JAN 1939 TO DATE, DAILY HIGH OF 434.30 FT ON 21 MAR 1939 & 01 JAN 1939 TO DATE, DAILY LOW OF 417.30 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 12 JAN 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	420.00	418.50	418.20	420.20	420.20	421.50	420.60	419.70	421.00	418.30	419.60	419.00
2	419.90	418.50	418.60	420.40	420.10	421.60	420.20	419.70	421.00	418.20	420.00	419.40
3	420.00	418.30	420.90	420.50	421.00	421.60	420.30	419.70	420.80	418.20	419.90	419.70
4	420.50	418.40	423.00	420.10	421.50	421.70	420.60	419.60	420.70	418.30	419.60	420.80
5	420.00	418.40	423.20	420.00	421.80	421.70	420.60	419.70	420.60	418.60	419.30	421.20
6	419.00	418.60	423.80	420.70	422.10	421.60	420.40	419.80	420.40	418.60	418.90	421.20
7	418.60	418.90	424.30	421.40	422.50	421.40	420.20	420.00	420.30	418.50	419.00	420.80
8	418.20	419.10	424.50	421.10	422.70	420.90	420.00	419.90	420.20	419.10	419.20	421.00
9	417.90	418.90	424.50	421.00	422.90	420.70	420.20	420.00	420.10	419.50	419.20	421.10
10	417.50	418.90	424.50	421.00	423.10	420.50	420.00	419.90	419.80	419.30	419.40	421.10
11	417.30	419.00	424.50	420.90	423.80	420.70	420.10	419.90	419.80	419.10	419.40	421.10
12	417.30	419.10	424.40	420.70	423.70	421.80	420.20	419.70	419.80	418.80	419.30	421.20
13	417.50	419.40	424.30	420.90	423.60	422.00	420.30	419.70	419.30	418.80	419.40	420.80
14	417.50	419.60	423.60	421.00	422.80	422.10	420.60	419.80	419.10	419.10	419.50	420.70
15	417.60	419.80	421.90	420.90	422.50	422.20	420.00	420.10	418.80	418.70	419.80	420.20
16	417.60	420.10	420.90	421.00	422.10	422.30	420.00	420.10	418.30	419.40	419.90	419.80
17	417.70	420.70	420.90	421.00	421.70	422.50	419.80	420.30	418.20	419.30	419.90	419.70
18	417.90	421.10	420.40	421.00	421.70	422.60	419.80	420.40	418.20	419.00	419.80	419.80
19	418.20	421.40	420.50	421.40	421.90	422.60	419.60	420.60	418.20	418.90	419.70	420.00
20	418.40	421.10	420.00	421.10	421.90	422.00	419.60	420.80	418.20	419.00	419.60	420.30
21	418.40	421.40	419.80	421.00	421.60	421.60	419.60	420.80	418.10	419.10	420.00	420.40
22	418.60	421.40	419.60	420.90	421.50	421.30	419.70	420.20	418.00	419.30	420.20	420.20
23	418.60	420.90	419.80	420.80	421.23	420.80	419.30	419.80	418.10	419.10	419.80	420.00
24	418.70	420.00	420.00	420.80	421.20	420.30	419.30	419.70	418.20	418.90	419.60	420.10
25	418.70	419.10	420.20	421.00	421.30	420.40	419.20	419.70	417.90	419.30	419.70	420.00
26	418.60	418.60	420.30	421.20	421.50	420.90	419.00	419.70	418.10	419.30	419.90	419.80
27	418.50	418.50	420.40	421.00	421.50	421.10	419.00	419.80	418.30	419.30	419.60	419.90
28	418.50	418.30	420.40	421.00	421.60	420.90	419.30	420.00	418.30	419.60	419.60	420.10
29	418.60	418.20	420.40	421.00	421.60	420.40	419.80	420.50	418.20	419.70	419.30	420.20
30	418.50	----	420.00	420.50	421.60	420.50	419.80	420.50	418.30	419.50	419.20	420.10
31	418.40	----	420.00	----	421.70	----	419.80	420.80	----	419.70	----	420.20
The following statistics are based on observations occuring in 1940 only.												
Mean	418.47	419.46	421.54	420.85	421.93	421.41	419.90	420.03	419.14	419.02	419.58	420.32
Max	420.50	421.40	424.50	421.40	423.80	422.60	420.60	420.80	421.00	419.70	420.20	421.20
Min	417.30	418.20	418.20	420.00	420.10	420.30	419.00	419.60	417.90	418.20	418.90	419.00
Day	31	29	31	30	31	30	31	31	30	31	30	31

The Mean ELEV for the Year was: 420.14
The Highest ELEV for the Year was: 424.50 which occured on: 03-11-1940 03-10-1940 03-09-1940 03-08-1940
The Lowest ELEV for the Year was: 417.30 which occured on: 01-12-1940 01-11-1940 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.