1945 Daily Values

ILLINOIS RIVER AT FLORENCE, IL (ILFL/I F56)

Location:	LAT. 39-37-57, LONG. 90-37-03. AT MILE 56.0 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 VERTICAL STAFF TYPE GAGE ON SAME SITE.
General Information:	FLOOD STAGE 24.3 FEET. DRAINAGE AREA, 26,160 SQUARE MILES. NOTE: LOCK & DAM 26 REACHED FULL POOL IN 1939 & AFFECTS ILLINOIS RIVER READINGS*.
Records Available:	ELEVATION, OCT. 1930 TO 1938, 1942 TO DATE, IN FILES OF CORPS OF ENGINEERS.
Mean Elev:	PERIOD OF RECORD, 423.68 FT . 01 JAN 1942 TO DATE, 424.20 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 442.80 FT ON 26 MAY 1943 & PERIOD OF RECORD, DAILY LOW OF 419.00 FT ON 08 OCT 1946 .
Zero Gage Datum:	400.00 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	420.80	420.10	422.70	429.00	426.10	430.80	428.90	420.60	419.40	425.40	421.20	421.40
2	420.60	420.20	422.50	429.00	425.70	430.60	428.70	420.40	419.20	425.60	421.30	421.80
3	420.10	420.70	423.00	429.70	425.20	430.30	428.50	419.90	419.60	425.50	421.20	421.90
4	419.90	420.50	423.00	430.10	425.00	430.00	428.30	419.70	420.00	425.50	420.90	422.00
5	419.95	420.60	422.60	429.90	425.00	429.70	427.80	419.60	420.10	425.30	420.70	422.30
6	420.00	420.60	422.00	429.60	425.00	429.30	427.30	419.90	420.00	425.10	420.50	422.70
7	420.10	420.80	422.20	429.30	425.10	429.20	426.70	420.10	419.90	425.00	420.50	422.60
8	420.10	420.70	421.90	429.00	425.90	429.40	426.20	420.40	420.10	425.00	420.50	422.50
9	420.15	420.60	421.80	428.80	426.10	430.00	425.70	420.70	420.10	424.90	420.40	422.30
10	420.10	420.70	421.70	428.73	426.40	431.40	425.10	420.70	420.10	424.90	419.80	422.00
11	420.50	421.00	422.00	428.60	426.60	431.60	424.50	420.10	419.80	424.80	420.00	422.00
12	420.70	421.60	422.10	428.30	426.90	431.60	423.80	421.40	419.80	424.60	420.70	421.90
13	420.70	421.50	422.20	428.40	427.00	431.70	422.90	421.20	420.00	424.40	421.00	421.90
14	420.90	421.30	422.20	429.00	427.00	431.60	421.60	421.00	421.20	424.10	420.70	421.50
15	420.90	421.30	422.20	429.10	428.00	431.30	421.50	420.90	420.80	423.80	420.70	421.50
16	421.00	421.50	422.20	429.30	428.00	431.90	421.60	421.00	420.40	422.40	421.40	421.70
17	421.00	421.80	422.20	429.70	429.00	431.60	421.80	421.60	420.20	422.00	421.60	421.70
18	420.90	421.80	421.90	429.70	429.80	431.50	421.80	421.40	420.30	422.00	421.60	421.10
19	420.90	421.00	422.20	429.70	430.80	431.70	421.60	421.20	420.40	421.40	421.40	421.00
20	421.10	420.60	422.50	429.70	431.70	432.00	421.40	421.00	420.20	420.90	421.60	420.90
21	420.90	420.50	425.00	429.70	432.40	432.40	421.30	420.80	420.10	420.50	421.90	421.00
22	420.75	421.50	425.60	429.60	432.70	432.50	421.10	420.60	420.40	420.30	421.50	421.00
23	420.60	422.20	425.30	429.40	433.00	432.30	421.20	420.10	422.00	420.20	421.20	420.80
24	420.40	422.50	425.20	429.10	432.90	431.90	421.00	419.90	421.20	420.40	421.30	420.70
25	420.60	422.40	425.00	428.80	432.70	431.40	420.80	419.80	421.30	420.70	421.20	420.80
26	420.65	422.30	426.40	428.50	432.40	430.80	420.70	419.80	421.90	420.70	421.00	420.80
27	420.60	422.50	427.10	428.10	432.20	430.10	420.60	419.70	421.80	420.70	421.00	421.20
28	420.40	422.70	427.40	427.50	431.90	429.50	420.30	419.60	422.40	420.60	420.90	421.20
29	420.20	----	427.90	427.00	431.60	429.00	420.50	419.60	424.80	420.80	420.80	421.20
30	420.20	----	428.60	426.60	431.30	428.60	420.70	419.25	425.30	421.00	421.00	422.00
31	420.00	----	428.90	----	431.00	----	420.70	419.20	----	420.90	----	422.90

The following statistics are based on observations occuring in 1945 only.

Mean	420.51	421.27	423.79	428.96	428.85	430.86	423.37	420.36	420.76	422.88	420.98	421.62
Max	421.10	422.70	428.90	430.10	433.00	432.50	428.90	421.60	425.30	425.60	421.90	422.90
Min	419.90	420.10	421.70	426.60	425.00	428.60	420.30	419.20	419.20	420.20	419.80	420.70
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean ELEV for the Year was: 423.69
The Highest ELEV for the Year was: 433.00 which occured on: 05-23-1945
The Lowest ELEV for the Year was: 419.20 which occured on: 09-02-1945 08-31-1945 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.