1936 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, 423.22 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 437.46 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 23 MAY 1933 & PERIOD OF RECORD, DAILY LOW OF 419.06 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 24 DEC 1930 .
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	422.70	423.30	430.00	426.40	422.80	422.70	420.00	419.90	420.00	423.30	421.70	422.20
2	422.80	423.30	430.90	426.40	423.70	422.40	420.00	419.90	420.00	423.20	421.80	422.10
3	422.80	423.30	431.60	426.00	424.30	422.20	419.90	419.90	420.10	423.10	423.90	422.00
4	422.80	423.20	432.00	425.90	423.70	422.10	419.90	420.00	420.10	423.00	423.10	421.90
5	423.00	423.10	432.20	425.80	423.70	422.00	419.90	420.00	420.00	422.90	423.00	421.90
6	423.00	423.10	432.10	425.70	423.70	421.90	419.90	420.00	420.10	422.80	423.20	421.90
7	423.00	423.10	432.00	425.50	423.90	421.80	419.90	420.00	420.00	422.70	423.50	421.70
8	423.10	423.00	431.80	425.50	424.00	421.70	419.80	420.00	420.00	422.70	423.70	421.80
9	423.10	423.00	431.60	425.40	424.10	421.60	419.80	419.90	420.00	422.70	423.90	421.60
10	423.10	422.90	431.30	425.20	424.20	421.70	419.80	419.90	420.00	423.30	424.00	421.40
11	423.30	422.70	430.90	425.10	424.30	421.60	419.80	419.90	420.00	423.60	424.10	421.30
12	423.50	423.00	430.50	425.00	424.40	421.40	419.80	419.90	420.00	423.40	424.10	421.30
13	423.60	422.90	430.10	424.90	424.50	421.40	419.80	419.90	420.50	423.00	424.10	421.20
14	424.00	422.80	429.90	424.80	424.50	421.30	419.80	419.90	421.10	423.10	424.10	421.00
15	424.00	422.80	429.60	424.70	424.50	421.20	419.80	419.90	421.00	423.00	424.00	420.90
16	424.10	422.80	429.20	424.60	424.50	421.10	419.90	419.90	421.50	422.90	423.80	420.80
17	424.20	422.70	428.90	424.50	424.50	421.00	419.90	419.90	421.80	422.80	423.80	420.70
18	424.30	422.70	428.60	424.00	424.50	420.90	419.90	419.90	422.10	422.60	423.70	420.80
19	425.00	422.60	428.30	424.00	424.50	420.80	419.90	419.90	422.00	422.50	423.50	420.70
20	424.50	422.50	428.00	423.70	424.30	420.80	420.00	419.90	422.00	422.40	423.40	420.70
21	424.00	422.50	427.70	423.70	424.20	420.70	419.90	419.90	422.00	422.30	423.20	420.50
22	423.80	422.50	427.50	423.60	424.10	420.70	419.90	419.90	422.00	422.20	423.00	420.40
23	423.70	422.40	427.20	423.50	423.90	420.70	419.90	419.90	422.00	422.10	424.00	420.40
24	423.70	423.20	427.10	423.40	423.70	420.60	419.90	420.00	421.90	422.00	423.90	420.40
25	423.70	424.00	427.00	423.30	423.60	420.50	419.90	420.00	421.90	421.90	422.70	420.40
26	423.60	425.40	426.80	423.30	423.50	420.40	419.90	420.00	421.90	421.90	422.60	420.40
27	423.60	427.10	426.60	423.10	423.40	420.20	419.90	419.90	423.70	421.80	422.50	420.50
28	423.50	428.30	426.50	423.00	423.30	420.20	420.00	419.80	423.80	421.80	422.50	420.60
29	423.50	429.30	426.50	422.90	423.10	420.10	420.00	419.80	423.70	421.80	422.30	420.70
30	423.50	----	426.50	422.80	423.00	420.00	419.90	419.80	423.50	421.70	422.30	421.00
31	423.50	----	426.40	----	422.80	----	419.90	419.90	----	421.70	----	421.40
The following statistics are based on observations occuring in 1936 only.												
Mean	423.55	423.57	429.20	424.52	423.91	421.19	419.89	419.92	421.29	422.59	423.31	421.12
Max	425.00	429.30	432.20	426.40	424.50	422.70	420.00	420.00	423.80	423.60	424.10	422.20
Min	422.70	422.40	426.40	422.80	422.80	420.00	419.80	419.80	420.00	421.70	421.70	420.40
Day	31	29	31	30	31	30	31	31	30	31	30	31

The Mean ELEV for the Year was: 422.84
The Highest ELEV for the Year was: 432.20 which occured on: 03-05-1936
The Lowest ELEV for the Year was: 419.80 which occured on: 08-30-1936 08-29-1936 08-28-1936 07-15-1936 07-14-1936 etc... (See table for more occurences). 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.