2008 Daily Values

EAST FORK RIVER AT FAIRMAN, IL (EFFA/EFFA)

Location:	LAT. 38-41-23, LONG. 89-05-59, IN NE 1/4 NW 1/4 SEC.21, T.3 N., R.1 E., MARION COUNTY, ON LEFT BANK AT DOWNSTREAM SIDE OF BRIDGE ON U.S. HIGHWAY 51, ABOUT 1 MILE NORTH OF FAIRMAN, ABOUT 5 MILES NORTH OF SANDOVAL, AND AT MILE 9.9. NOTE#1: NEW RIVER MILEAGE DETERMINED AFTER 1962-86 CHANNEL IMPROVEMENTS. NOTE#2: DATA PREVIOUSLY TAKEN FROM STILLING WELL LOCATED AT LAT. 38-41-23, LONG. 89-05-56, AT OLD BRIDGE PIER UPSTREAM OF US HWY 51 BRIDGE, APPROXIMATELY 4 MILES NORTH OF SANDOVAL, IL & AT OLD RIVER MILE 9.5 ABOVE THE MOUTH OF THE KASKASKIA (GAGE STILL USED AS AUXILIARY AND IS EQUIPPED WITH TELEMARK).
Gage:	G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED, OPERATED & MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.
General Information:	DRAINAGE AREA 113 SQUARE MILES.
Records Available:	ELEVATION, 1984 TO DATE, IN FILES OF CORPS OF ENGINEERS.
Mean Elev:	PERIOD OF RECORD, 463.71 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 479.95 FT ON 15 NOV 1993 & PERIOD OF RECORD, DAILY LOW OF 461.63 FT ON 02 AUG 1988 .
Zero Gage Datum:	460.20 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	462.79	462.84	464.39	476.89	464.31	465.73	462.69	466.11	462.45	462.47	462.56	462.57
2	462.66	462.90	464.69	476.31	464.28	464.08	462.64	463.61	462.42	462.47	462.54	462.57
3	462.58	462.84	464.67	466.68	464.30	463.53	462.64	463.18	462.41	462.44	462.53	462.55
4	462.50	463.11	471.35	465.96	464.25	466.56	462.67	462.95	462.41	462.42	462.49	462.52
5	462.49	468.44	471.30	465.49	464.23	467.24	463.40	462.82	462.87	462.40	462.46	462.51
6	462.51	474.15	470.22	465.20	464.21	464.50	463.02	E 464.22	462.66	462.38	462.48	462.53
7	462.50	473.04	466.74	464.99	464.18	475.68	462.84	463.19	463.08	462.38	462.50	462.51
8	464.24	466.41	464.52	464.83	473.31	477.69	462.74	463.38	462.88	462.45	462.47	462.52
9	470.98	464.44	463.90	464.73	475.48	474.06	462.72	463.02	462.70	462.42	462.48	462.58
10	473.11	463.95	463.62	464.71	475.80	464.31	462.68	462.84	462.62	462.40	462.50	462.65
11	465.20	463.55	463.47	474.69	472.01	465.23	462.63	462.71	462.57	462.39	462.52	462.74
12	464.65	463.33	463.38	474.55	472.25	463.78	462.61	462.64	462.58	462.38	462.51	462.85
13	463.78	463.24	463.30	466.04	472.23	463.46	462.75	462.58	462.56	462.38	462.55	462.92
14	463.40	463.05	463.24	465.37	470.35	463.33	462.73	462.54	463.76	462.37	462.56	462.87
15	463.20	463.01	463.18	465.11	469.87	464.79	462.68	462.53	464.27	462.36	463.69	462.79
16	462.96	463.02	463.10	464.92	468.05	463.60	462.66	462.50	464.57	462.41	464.45	462.76
17	463.00	467.22	463.01	464.80	465.53	463.69	462.60	462.49	463.42	462.41	464.28	462.70
18	462.93	469.57	472.43	464.70	464.18	463.34	462.55	462.47	463.07	462.42	463.45	462.63
19	462.94	465.34	479.45	464.81	463.77	463.16	462.50	462.45	462.86	462.41	463.15	463.67
20	462.83	463.97	478.69	464.89	463.61	463.02	462.48	462.44	462.73	462.40	462.98	466.69
21	462.72	463.60	473.33	464.78	463.43	462.96	462.46	462.42	462.65	462.39	462.83	464.68
22	462.70	463.55	466.05	464.67	463.33	463.66	462.44	462.58	462.60	462.39	462.75	463.94
23	462.67	463.18	465.31	464.59	463.29	463.19	462.42	463.08	462.58	462.36	462.69	463.22
24	462.66	463.13	464.96	464.51	463.26	463.01	462.41	462.72	462.57	462.70	462.67	465.85
25	462.60	463.17	464.77	464.47	463.21	462.94	462.46	462.63	462.55	462.89	462.65	469.25
26	462.59	464.61	464.66	464.54	475.17	462.84	462.44	462.74	462.52	463.75	462.63	465.68
27	462.61	465.96	476.19	464.49	470.58	462.77	462.41	462.64	462.50	463.20	462.61	464.50
28	462.63	464.21	478.14	464.45	473.10	462.80	462.48	462.57	462.48	462.95	462.60	472.14
29	462.70	464.02	474.68	464.39	465.99	462.77	462.44	462.54	462.48	462.79	462.59	470.69
30	462.90	----	466.78	464.34	464.17	462.75	462.87	462.50	462.48	462.71	462.57	465.30
31	462.86	----	470.70	----	463.74	----	467.98	462.47	----	462.62	----	464.03
The following statistics are based on observations occuring in 2008 only.												
Mean	463.58	464.93	467.88	466.36	467.27	465.02	462.81	462.89	462.81	462.55	462.79	464.11
Max	473.11	474.15	479.45	476.89	475.80	477.69	467.98	466.11	464.57	463.75	464.45	472.14
Min	462.49	462.84	463.01	464.34	463.21	462.75	462.41	462.42	462.41	462.36	462.46	462.51
Day	31	29	31	30	31	30	31	31	30	31	30	31

The Mean ELEV for the Year was: 464.41
The Highest ELEV for the Year was: 479.45 which occured on: 03-19-2008
The Lowest ELEV for the Year was: 462.36 which occured on: 10-23-2008 10-15-2008 The Total Number of Days for the Year was: 366

Note:
E = Estimated

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