

2008 Daily Values

MERAMEC RIVER NEAR SULLIVAN, MO (MESU/MR SU)

Location: LAT. 38-09-30, LONG. 91-06-30, IN SE 1/4 NE 1/4 SEC. 35, T.40 N., R.2 W., CRAWFORD COUNTY, ON RIGHT BANK AT UPSTREAM SIDE OF SAPPINGTON BRIDGE, 3.8 MI. DOWNSTREAM FROM BRAZIL CREEK, 4.0 MI. SOUTHEAST OF SULLIVAN AND AT MI. 117.0.

Gage: STAFF GAGE FLOAT WELL AND G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM. OWNED AND OPERATED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. MAINTAINED IN CONJUNCTION WITH THE U.S. GEOLOGICAL SURVEY.

General Information: DRAINAGE AREA, 1475 SQUARE MILES.

Records Available: STAGE, 1970 TO DATE, IN FILES OF THE CORPS OF ENGINEERS.

Mean Stage: PERIOD OF RECORD, 3.23 FT .

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 30.77 FT ON 20 MAR 2008 & PERIOD OF RECORD, DAILY LOW OF 0.37 FT ON 09 FEB 1970 .

Zero Gage Datum: 581.82 ft NGVD 29 NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.00	1.83	3.72	15.14	4.43	3.26	2.85	2.58	2.46	2.68	2.27	2.22
2	1.95	1.81	3.56	15.74	4.29	3.21	2.71	2.51	2.34	2.65	2.27	2.22
3	1.91	1.80	3.55	10.33	4.19	3.21	2.73	2.42	2.28	2.60	2.27	2.21
4	1.87	1.81	6.53	9.86	4.05	3.21	2.74	2.36	2.70	2.55	2.27	2.21
5	1.86	1.87	8.62	8.33	3.90	3.19	2.72	2.31	11.57	2.51	2.26	2.20
6	1.85	4.33	6.30	7.07	3.78	3.24	2.67	3.10	12.43	2.48	2.27	2.20
7	1.85	9.15	5.71	6.27	3.72	5.35	2.62	2.75	5.73	2.46	2.27	2.19
8	2.26	6.00	5.15	5.70	6.40	4.75	2.57	2.77	4.64	2.46	2.26	2.19
9	4.76	4.64	4.67	5.32	E 9.77	3.81	2.62	2.65	4.07	2.45	2.29	2.21
10	5.71	4.00	4.23	6.45	7.31	3.47	2.62	2.52	3.66	2.48	2.26	2.22
11	4.25	3.51	3.95	17.23	7.70	3.28	2.79	2.41	3.37	2.43	2.29	2.23
12	3.61	3.28	3.76	16.19	7.34	3.14	2.69	2.33	3.17	2.40	2.28	2.27
13	3.21	3.04	3.62	7.95	6.11	3.03	2.62	2.28	3.01	2.38	2.28	2.26
14	2.92	2.83	3.44	6.67	5.50	3.12	2.53	2.25	7.01	2.36	2.29	2.25
15	2.70	2.70	3.34	5.95	5.45	3.36	2.48	2.22	14.61	2.35	2.35	2.27
16	2.53	2.61	3.18	5.50	5.49	3.09	2.43	2.22	16.54	2.52	2.31	2.24
17	2.42	4.75	3.05	5.16	6.00	3.30	2.39	2.19	6.51	2.75	2.30	2.26
18	2.31	13.10	8.55	4.90	5.42	3.11	2.35	2.17	5.27	2.53	2.27	2.26
19	2.23	8.75	26.67	4.96	4.92	2.96	2.32	2.15	4.62	2.44	2.26	2.34
20	2.14	5.82	30.77	5.06	4.60	2.98	2.29	2.13	4.17	2.39	2.26	2.31
21	2.06	4.83	21.90	4.84	4.33	2.92	2.26	2.22	3.94	2.37	2.23	2.50
22	2.02	4.34	9.14	4.68	4.10	2.84	2.30	2.27	3.71	2.34	2.23	2.35
23	1.97	3.97	7.26	4.64	3.92	2.77	2.26	2.27	3.56	2.35	2.22	2.29
24	1.94	3.71	6.44	4.48	3.77	2.72	2.25	2.28	3.38	2.36	2.22	2.44
25	1.91	3.52	5.87	4.52	3.70	2.67	2.29	2.21	3.21	2.35	2.22	2.50
26	1.87	3.65	5.46	5.44	3.72	2.62	2.32	2.16	3.07	2.37	2.21	2.68
27	1.87	4.37	5.20	5.97	3.70	2.59	2.32	2.14	2.96	2.33	2.21	2.62
28	1.85	4.25	5.61	E 5.33	3.69	2.59	3.03	2.13	2.86	2.30	2.21	4.66
29	1.84	3.96	5.34	4.90	3.54	2.94	2.83	2.21	2.78	E 2.29	2.20	6.45
30	1.83	----	5.28	4.63	3.45	2.97	2.68	2.93	2.74	2.29	2.21	4.99
31	1.81	----	7.38	----	3.34	----	2.75	2.68	----	2.28	----	4.16

The following statistics are based on observations occurring in 2008 only.

Mean	2.43	4.28	7.33	7.31	4.89	3.19	2.55	2.38	5.08	2.44	2.26	2.66
Max	5.71	13.10	30.77	17.23	9.77	5.35	3.03	3.10	16.54	2.75	2.35	6.45
Min	1.81	1.80	3.05	4.48	3.34	2.59	2.25	2.13	2.28	2.28	2.20	2.19
Day	31	29	31	30	31	30	31	31	30	31	30	31

The Mean STAGE for the Year was: 3.89  
 The Highest STAGE for the Year was: 30.77 which occurred on: 03-20-2008  
 The Lowest STAGE for the Year was: 1.80 which occurred on: 02-03-2008 The Total Number of Days for the Year was: 366

Note:  
 E = Estimated

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