2009 Daily Values

MERAMEC RIVER AT VALLEY PARK, MO (MEVP/VP)

Location:	LAT. 38-32-48, LONG. 90-29-04, AT RIVER MILE 21.4, 14.7 MILES BELOW THE MOUTH OF THE BIG RIVER.
Gage:	SLOPE GAGE. OWNED BY NATIONAL WEATHER SERVICE. G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED AND OPERATED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. MAINTAINED IN COOPERATION WITH THE U.S. GEOLOGICAL SURVEY. NOTE: GAGE LOCATION WAS MOVED ON DEC 17, 2002 SEVEN TENTHS OF A MILE DOWN STREAM.
General Information:	FLOOD STAGE, 16 FEET. DRAINAGE AREA, 3,807 SQUARE MILES.
Records Available:	1938 TO DATE, IN FILES OF CORPS OF ENGINEERS. ADDITIONAL DATA IN THE FILES OF THE NATIONAL WEATHER SERVICE.
Mean Stage:	PERIOD OF RECORD, 0.89 FT .
Extreme Stage:	PERIOD OF RECORD, DAILY HIGH OF 39.70 FT ON 06 DEC 1982 & PERIOD OF RECORD, DAILY LOW OF -4.02 FT ON 17 AUG 2007 .
Zero Gage Datum:	392.92 ft NGVD 29 NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

	Month											
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
1	3.75	-2.27	-1.37	10.67	8.75	3.91	0.20	-2.46	-1.77	-1.86	23.49	0.57
2	2.23	-2.37	-1.49	8.07	10.59	2.55	-0.48	-2.21	-1.61	-1.73	27.09	0.22
3	1.04	-2.35	-1.49	6.74	11.58	1.71	-1.21	-2.26	-2.35	-2.13	26.23	0.02
4	0.20	-2.31	-1.60	5.63	11.70	1.15	-1.05	-2.21	-3.28	-2.35	16.41	-0.24
5	-0.39	-2.11	-1.72	4.87	11.68	1.64	2.36	-2.46	-3.16	-2.55	11.34	-0.37
6	-0.80	-1.83	-1.70	4.32	11.33	4.76	1.01	-2.46	-0.96	-2.47	9.68	-0.63
7	-1.11	-1.90	-1.64	3.36	10.47	3.20	-0.11	-2.56	-1.75	-2.58	7.82	-0.83
8	-1.23	-1.58	-1.88	2.57	9.60	2.00	-1.18	-2.68	-2.00	-2.47	6.25	-0.89
9	-1.54	-0.90	-1.94	2.03	11.44	1.66	-1.51	-2.73	-2.02	4.25	4.95	-0.31
10	-1.59	-0.49	-1.93	2.20	16.38	0.98	-1.73	-2.68	-2.34	9.71	3.76	-0.03
11	-1.65	6.63	-1.72	3.04	21.69	3.35	-1.91	-2.73	-2.61	12.48	2.87	0.33
12	-1.83	12.86	1.58	3.68	23.35	3.35	-2.05	-2.87	-2.67	14.10	2.11	0.05
13	-1.92	14.94	5.43	5.81	15.62	7.05	-0.95	-2.91	-2.82	13.44	1.39	2.40
14	-1.97	15.33	6.57	6.82	8.67	6.79	-1.35	-2.96	-2.89	4.75	E 1.01	2.56
15	-2.05	11.03	6.71	7.06	8.08	4.08	-0.47	-3.03	-2.90	4.47	E 0.64	1.93
16	E -2.23	4.47	6.76	6.88	8.76	5.91	-0.76	-2.98	-2.94	5.53	0.27	1.60
17	-2.79	2.83	6.28	5.79	7.71	9.42	-1.21	-3.02	-3.13	7.13	5.98	1.11
18	-2.03	1.87	5.26	4.33	9.47	14.64	-1.58	-2.67	-3.07	5.40	11.89	0.52
19	-2.25	1.15	4.20	3.48	11.42	17.36	-1.70	-2.69	-3.14	2.92	15.45	0.17
20	-2.37	0.63	2.61	9.40	12.11	18.27	-1.86	-2.30	-3.16	1.65	14.77	-0.04
21	-2.51	0.25	0.94	11.77	12.40	9.68	-1.94	-2.28	-1.94	0.93	12.61	-0.25
22	-2.53	-0.19	-0.33	15.44	12.11	7.26	-1.98	-1.83	-1.80	0.41	9.75	-0.38
23	-2.49	-0.46	-0.84	12.47	11.10	5.73	-2.16	-2.37	-2.21	6.46	7.29	-0.44
24	-2.58	-0.75	-0.93	6.25	9.85	4.75	-2.22	-2.76	-1.02	9.26	4.57	0.07
25	-2.54	-0.89	-0.92	4.14	8.00	4.28	-2.29	-2.97	0.14	10.52	3.35	5.61
26	-2.66	-1.07	-0.28	3.07	8.44	4.35	-2.29	-3.01	-0.72	8.46	2.56	9.42
27	-2.80	-1.06	2.13	2.36	6.20	4.27	-2.39	-3.10	-0.63	6.04	1.98	10.54
28	-3.09	-1.23	3.77	1.65	5.83	3.86	-2.43	-3.08	0.08	6.69	1.52	7.54
29	-2.71	----	5.98	1.98	5.65	2.97	-2.42	-2.89	-0.85	7.54	1.14	5.60
30	-2.45	----	9.29	6.91	6.21	1.55	-2.30	-3.06	-1.46	15.77	0.95	4.19
31	-2.43	----	11.73	----	5.40	----	-2.44	-2.66	----	20.07	----	2.83
The following statistics are based on observations occuring in 2009 only.												
Mean	-1.59	1.72	1.85	5.76	10.70	5.42	-1.37	-2.67	-2.03	5.16	7.97	1.71
Max	3.75	15.33	11.73	15.44	23.35	18.27	2.36	-1.83	0.14	20.07	27.09	10.54
Min	-3.09	-2.37	-1.94	1.65	5.40	0.98	-2.44	-3.10	-3.28	-2.58	0.27	-0.89
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean STAGE for the Year was: 2.71
The Highest STAGE for the Year was: 27.09 which occured on: 11-02-2009
The Lowest STAGE for the Year was: -3.28 which occured on: 09-04-2009 The Total Number of Days for the Year was: 365

Note:
E = Estimated

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