

2010 Daily Values

MISSISSIPPI RIVER AT ENGINEERS DEPOT (MANUALLY OBSERVED GAGE) , MO (MIED/0176A)

Location: LAT. 38-35, LONG. 90-12, ON RIGHT BANK, LOCATED ABOUT 750 FEET BELOW THE FOOT OF ARSENAL STREET AND AT MILE 176.8 ABOVE MOUTH OF THE OHIO RIVER.

Gage: STAFF TYPE. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.

General Information: FLOOD STAGE, 29 FEET. DRAINAGE AREA, 697,180 SQUARE MILES. NOTE: THE 4,000 SQUARE MILES IN GREAT DIVIDE BASIN ARE NO LONGER INCLUDED.

Records Available: STAGE, FEB. 1894 TO DATE IN FILES OF CORPS OF ENGINEERS.

Mean Stage: PERIOD OF RECORD, 10.15 FT .

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 47.20 FT (NOT AT STATED TIME) ON 01 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF -6.50 FT ON 16 JAN 1940 .

Zero Gage Datum: 379.58 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	E 18.3	E 17.7	9.1	30.6	27.3	E 23.3	33.7	29.5				
2	16.7	E 15.9	8.0	29.5	E 23.5	E 22.1	33.2	29.9				
3	11.8	E 14.3	7.8	28.9	E 22.2	E 21.0	32.6	29.3				
4	10.5	14.0	7.8	28.3	E 20.5	E 21.2	31.6	28.8				
5	9.2	13.0	8.0	28.8	E 20.1	E 23.2	30.8	28.0				
6	8.7	12.9	8.5	28.5	E 20.0	24.0	29.9	27.2				
7	9.7	12.8	8.7	28.7	E 18.3	24.2	29.2	26.6				
8	10.2	12.0	9.1	28.2	E 17.7	24.5	29.4	25.5				
9	9.2	11.8	10.6	28.0	E 18.6	24.8	30.7	24.9				
10	8.7	12.0	14.1	27.7	E 18.7	25.4	31.9	24.8				
11	8.4	11.0	17.2	27.8	E 18.0	26.5	35.4	24.6				
12	8.5	10.8	20.8	26.8	E 19.0	25.0	32.1	24.5				
13	7.5	10.8	23.0	26.0	E 21.5	24.9	31.5	24.4				
14	8.0	10.7	24.4	25.1	25.5	25.5	30.7	24.4				
15	8.8	9.7	26.1	24.6	28.0	26.5	30.2	24.4				
16	9.0	7.2	27.4	24.3	29.6	28.2	29.6	25.3				
17	8.9	7.1	28.3	24.0	31.1	29.4	29.0	25.5				
18	8.2	7.6	28.6	E 23.3	32.5	30.5	28.4	25.5				
19	7.5	7.8	28.7	E 21.7	33.2	31.2	27.2	25.2				
20	8.4	7.8	26.7	E 20.1	33.5	31.4	27.2	24.8				
21	9.7	8.0	28.7	E 19.1	33.3	31.7	27.5	24.6				
22	11.0	10.8	27.5	E 18.1	33.1	32.0	28.6					
23	E 14.5	E 15.7	27.8	E 17.5	33.1	32.5	30.0					
24	E 16.8	E 16.8	28.6	E 16.8	32.5	32.7	30.7					
25	E 21.5	E 14.5	29.3	E 17.7	31.7	33.0	30.9					
26	25.5	12.1	29.8	E 21.9	30.5	33.4	30.6					
27	26.0	11.2	30.5	27.0	29.0	33.6	30.2					
28	25.4	10.9	31.2	28.7	27.2	34.0	29.7					
29	24.0	----	31.6	29.0	26.3	33.7	29.3					
30	E 22.2	----	31.7	28.5	25.5	33.8	29.0					
31	E 20.0	----	31.4	----	24.4	----	29.5		----	----	----	

The following statistics are based on observations occurring in 2010 only.

Mean	13.3	11.7	21.6	25.2	26.0	28.1	30.3	26.1				
Max	26.0	17.7	31.7	30.6	33.5	34.0	35.4	29.9				
Min	7.5	7.1	7.8	16.8	17.7	21.0	27.2	24.4				
Day	31	28	31	30	31	30	31	21	0	0	0	0

The Mean STAGE for the Year was: 22.8
 The Highest STAGE for the Year was: 35.4 which occurred on: 07-11-2010
 The Lowest STAGE for the Year was: 7.1 which occurred on: 02-17-2010 The Total Number of Days for the Year was: 233

Note:
 E = Estimated

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