

2011 Daily Values

MISSISSIPPI RIVER AT GRAYS POINT (MANUALLY OBSERVED GAGE), MO (MIGP/0046A)

Location: LAT. 37-14-59, LONG. 89-27-52. ON RIGHT BANK AT MILE 46.3 ABOVE THE MOUTH OF THE OHIO RIVER.  
 Gage: STAFF IN TWO SECTIONS. OWNED, OPERATED AND MAINTAINED BY THE ST. LOUIS DISTRICT, CORPS OF ENGINEERS.  
 General Information: FLOOD STAGE, 25 FEET. DRAINAGE AREA, 713,128 SQUARE MILES. NOTE: THE 4,000 SQUARE MILES IN GREAT DIVIDE BASIN ARE NO LONGER INCLUDED.  
 Records Available: STAGE, NOV. 1878 TO DATE, IN FILES OF CORPS OF ENGINEERS.  
 Mean Stage: PERIOD OF RECORD, 16.68 FT .  
 Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 46.40 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 08 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF 0.20 FT ON 15 JAN 1909 .  
 Zero Gage Datum: 301.18 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	12.7	11.3	32.3	29.8	R	37.8	37.4	30.5	23.8	17.7	10.5	16.4
2	14.6	11.7	32.8	29.6	R	37.8	37.7	30.5	23.2	17.9	10.1	16.8
3	17.2	11.4	33.7	29.4	R	37.5	37.8	30.8	22.8	17.4	9.8	16.8
4	17.8	10.7	34.4	29.3	R	37.2	37.9	30.9	22.0	17.2	10.0	16.7
5	17.0	I	34.0	29.0	R	37.0	38.1	31.1	21.8	17.1	10.8	18.3
6	17.0	I	34.0	28.8	R	36.9	38.0	31.2	21.5	16.5	11.7	19.3
7	16.3	11.0	34.0	28.8	R	36.8	37.7	30.0	21.3	16.7	11.7	18.4
8	17.3	11.7	33.9	28.7	R	37.0	37.3	30.5	21.3	15.6	11.7	18.1
9	17.0	11.7	33.9	28.7	R	37.0	37.1	29.5	21.0	14.1	12.0	18.3
10	15.8	I	33.7	28.7	38.5	36.9	36.8	29.0	20.4	13.9	12.9	18.5
11	15.0	I	33.7	29.0	37.8	36.7	36.6	28.5	20.1	13.7	13.5	18.1
12	15.1	12.3	33.7	29.7	37.4	36.2	35.9	28.0	19.5	13.1	13.9	18.3
13	I	12.4	33.7	30.2	37.0	35.7	35.4	27.8	19.0	12.0	14.1	17.7
14	13.1	11.2	33.7	30.7	36.8	35.3	34.7	27.6	18.4	11.5	14.4	17.3
15	11.4	11.9	34.2	30.6	36.6	35.0	34.3	27.4	18.2	11.4	15.0	18.6
16	13.2	12.3	34.0	30.7	36.7	34.7	33.8	27.0	18.9	11.4	15.3	18.7
17	13.9	13.1	33.9	30.5	36.3	34.7	33.2	26.6	17.0	11.5	15.3	18.8
18	13.6	15.7	33.9	30.8	36.1	35.3	32.7	26.5	17.3	11.4	14.8	18.8
19	13.4	21.5	33.4	31.3	35.8	36.3	32.2	26.5	16.5	11.6	14.1	19.7
20	I	25.1	32.1	32.6	35.3	37.0	31.5	26.4	16.4	12.1	13.1	20.8
21	I	27.1	31.1	33.3	34.7	37.5	30.9	26.2	16.4	12.1	13.3	20.2
22	I	28.3	30.6	34.1	34.5	37.7	30.2	26.2	16.9	12.1	13.4	20.9
23	I	28.5	30.0	35.2	34.6	37.7	29.6	26.2	17.5	11.5	13.9	21.0
24	11.7	29.5	29.6	37.9	35.3	37.7	29.2	25.8	16.8	11.3	14.1	20.8
25	12.2	30.5	29.4	39.6	35.3	37.6	29.2	25.5	16.5	11.0	13.8	
26	12.2	30.9	29.4	40.2	35.7	37.3	29.2	25.4	17.7	10.7	13.4	
27	11.7	31.2	29.4	R	35.7	37.3	29.3	25.5	17.5	10.7	13.8	
28	11.7	32.0	29.5	R	36.0	37.3	29.6	25.6	17.4	10.7	14.2	
29	11.7	----	29.7	R	36.8	37.3	30.0	25.2	17.1	10.7	14.7	
30	11.6	----	29.9	R	37.2	37.3	30.3	24.8	17.4	10.0	15.8	
31	11.5	----	30.0	----	37.7	----	30.5	24.5	----	10.9	----	

The following statistics are based on observations occurring in 2011 only.

Mean	14.1	18.9	32.3	31.4	36.3	36.8	33.7	27.7	19.1	13.1	13.2	18.6
Max	17.8	32.0	34.4	40.2	38.5	37.8	38.1	31.2	23.8	17.9	15.8	21.0
Min	11.4	10.7	29.4	28.7	34.5	34.7	29.2	24.5	16.4	10.0	9.8	16.4
Day	26	24	31	26	22	30	31	31	30	31	30	24

The Mean STAGE for the Year was: 24.6  
 The Highest STAGE for the Year was: 40.2 which occurred on: 04-26-2011  
 The Lowest STAGE for the Year was: 9.8 which occurred on: 11-03-2011 The Total Number of Days for the Year was: 336

Note:  
 R = High Water, No Access  
 I = Ice/Shore Ice

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.