

2009 Daily Values

MISSISSIPPI RIVER AT JEFFERSON BARRACKS (MANUALLY OBSERVED GAGE), MO (MIJB/0168A)

Location: LOCATION. LAT. 38-29, LONG. 90-16, ON RIGHT BANK AT MILE 168.7 ABOVE THE MOUTH OF THE OHIO RIVER. NOTE: PRIOR TO MAR. 2, 1960, GAGE WAS LOCATED AT MILE 169.3 ABOVE THE MOUTH OF THE OHIO RIVER. NO CHANGE IN DATUM.

Gage: STAFF TYPE. ATTACHED TO DOWNSTREAM END OF RIGHT PIER OF JEFFERSON BARRACKS BRIDGE. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.

General Information: FLOOD STAGE, 26 FEET. DRAINAGE AREA, 697,416 SQUARE MILES. NOTE: THE 4,000. SQUARE MILES IN GREAT DIVIDE BASIN ARE NO LONGER INCLUDED.

Records Available: STAGE, JAN. 1892 THRU 1907, 1926 THRU JULY 20, 1972*. GAGE DAMAGED AND RECORDS POOR, TEMPORARILY DISCONTINUED. RE-ESTABLISHED JAN. 23, 1973. DATA NOT AVAILABLE 1984 TO OCT. 1985. ALL RECORDS IN FILES OF CORPS OF ENGINEERS.

Mean Stage: PERIOD OF RECORD, 8.50 FT . 01 JAN 1927 TO DATE, 8.02 FT .

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 44.10 FT ON 01 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF -8.60 FT (ESTIMATED) OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 24 DEC 1989 .

Zero Gage Datum: 377.69 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	18.2	E -0.5	9.3	24.2	26.1	19.6	16.0	3.3	15.5	E -0.4	29.2	13.2
2	17.1	E -0.6	10.0	23.2	27.8	18.2	14.7	1.9	15.3	0.5	29.8	12.5
3	15.6	E -1.0	9.4	22.5	28.7	17.3	13.6	0.8	14.3	0.0	29.7	11.2
4	14.3	E -1.5	6.9	21.5	29.0	17.1	12.9	0.6	9.8	E -0.5	29.2	10.7
5	13.4	E -1.9	6.3	20.7	28.8	16.8	16.2	0.6	5.6	0.0	27.6	9.7
6	11.8	E -1.0	6.6	19.9	28.0	16.3	17.0	0.7	4.7	0.5	25.6	8.8
7	9.9	E -0.8	5.7	19.1	27.0	16.1	14.8	0.3	2.5	1.6	23.7	8.6
8	9.5	E -0.5	5.2	18.4	26.0	15.7	13.0	0.2	1.9	1.5	22.2	8.0
9	8.6	E -0.8	6.3	18.0	26.8	15.0	11.9	E -0.5	0.9	8.5	21.0	8.4
10	8.6	E -1.1	10.1	18.3	26.5	14.7	11.5	0.1	0.7	19.0	19.9	7.4
11	7.5	5.7	13.0	18.8	26.2	15.9	10.9	0.6	0.7	18.5	19.0	7.0
12	6.2	8.9	19.9	19.2	25.7	18.8	10.2	2.1	0.3	15.7	18.0	6.3
13	5.5	11.8	23.1	20.5	24.8	21.3	11.4	3.3	E -0.4	12.8	17.1	5.7
14	4.0	13.3	24.1	21.8	23.3	21.6	11.1	3.1	E -0.5	11.0	16.2	4.7
15	3.6	13.5	24.2	21.5	22.4	19.7	10.8	3.3	E -1.1	11.4	14.8	4.4
16	1.4	12.8	24.1	20.8	22.0	19.8	13.0	3.0	E -1.2	11.2	15.0	3.6
17	1.1	12.6	23.6	20.0	23.3	22.2	12.4	3.0	E -1.3	10.0	20.7	2.4
18	2.1	11.9	22.6	19.0	26.9	24.3	11.3	4.1	E -0.8	9.0	22.4	2.5
19	2.8	11.2	21.2	18.4	29.3	25.3	9.3	7.0	E -1.4	7.7	23.6	3.2
20	2.0	11.0	19.5	18.0	29.8	25.1	7.2	8.4	E -2.0	6.6	25.0	3.2
21	1.0	10.3	17.5	18.7	30.0	24.1	5.6	13.1	E -1.0	5.7	25.1	3.1
22	0.8	8.6	16.2	19.3	29.6	22.6	5.1	14.9	E -0.8	5.6	23.9	2.7
23	0.6	6.6	15.3	19.0	28.8	21.6	4.8	12.9	E -1.7	8.2	21.5	3.3
24	0.8	5.5	14.8	18.1	27.0	20.8	5.4	10.0	E -2.2	15.8	17.6	7.5
25	0.6	5.7	14.5	16.8	24.7	20.8	5.6	7.3	E -2.0	18.4	16.0	14.6
26	0.2	6.1	16.0	16.0	23.6	21.2	5.2	6.4	E -0.3	20.0	15.3	18.7
27	0.1	7.2	18.4	15.6	22.6	21.1	5.2	4.8	2.5	20.1	14.3	20.4
28	0.1	7.9	20.1	15.5	21.9	20.6	5.4	4.6	3.3	20.8	13.6	20.6
29	0.1	---	21.5	18.3	21.6	19.4	6.2	8.4	1.7	20.4	14.1	19.9
30	0.3	---	23.2	23.7	21.0	17.6	5.7	12.2	E -0.6	23.1	14.6	18.5
31	E -0.5	---	24.4	---	20.8	---	4.4	14.2	---	27.9	---	17.0
The following statistics are based on observations occurring in 2009 only.												
Mean	5.4	5.7	15.9	19.5	25.8	19.7	9.9	5.0	2.1	10.7	20.9	9.3
Max	18.2	13.5	24.4	24.2	30.0	25.3	17.0	14.9	15.5	27.9	29.8	20.6
Min	-0.5	-1.9	5.2	15.5	20.8	14.7	4.4	-0.5	-2.2	-0.5	13.6	2.4
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean STAGE for the Year was: 12.5
 The Highest STAGE for the Year was: 30.0 which occurred on: 05-21-2009
 The Lowest STAGE for the Year was: -2.2 which occurred on: 09-24-2009 The Total Number of Days for the Year was: 365

Note:
 E = Estimated

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