

2007 Daily Values

MISSISSIPPI RIVER AT CHAIN OF ROCKS (MANUALLY OBSERVED GAGE), MO (MICR/0190A)

Location: LAT. 38-45, LONG. 90-10, ON RIGHT BANK AT MILE 190.4 ABOVE THE MOUTH OF THE OHIO RIVER.
 Gage: STAFF GAGE ATTACHED TO CHAIN OF ROCKS WATER WORKS INTAKE BUILDING. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.
 General Information: FLOOD STAGE, 101 FEET. DRAINAGE AREA, 696,936 SQUARE MILES. NOTE#1: THE 4,000 SQUARE MILES IN GREAT DIVIDE BASIN ARE NO LONGER INCLUDED IN DRAINAGE AREA. NOTE#2: THE CHAIN OF ROCKS LOW-WATER DAM WAS PUT IN OPERATION ON FEB. 20, 1964*.
 Records Available: STAGE, APR. 1892 TO DATE, IN FILES OF CORPS OF ENGINEERS.
 Mean Stage: PERIOD OF RECORD, 85.22 FT . 01 JAN 1965 TO DATE, 87.30 FT .
 Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 121.40 FT ON 01 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF 72.80 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 12 JAN 1909 . 01 JAN 1965 TO DATE, DAILY LOW OF 79.90 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 11 AUG 1988 .
 Zero Gage Datum: 313.91 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	84.2	83.0	90.4	93.1	96.1	88.7	86.4	83.9	92.1	83.3	86.5	82.9
2	84.1	83.0	89.1	93.2	96.0	88.7	87.0	83.9	90.6	83.4	86.0	82.8
3	84.1	83.1	91.4	93.3	95.8	90.8	87.0	83.7	89.9	83.6	86.1	82.9
4	84.1	83.0	92.1	94.2	96.0	91.9	86.5	83.5	89.5	83.6	85.9	82.9
5	84.0	82.8	90.1	94.9	96.2	93.0	86.4	83.7	88.7	83.7	85.4	82.6
6	84.1	82.8	88.5	94.9	95.4	92.5	86.5	83.2	87.8	83.9	84.6	82.6
7	84.2	82.7	87.2	94.9	94.5	91.9	86.6	83.1	87.0	83.1	84.5	82.5
8	84.4	82.7	87.2	94.5	93.9	90.9	86.6	83.7	85.1	83.1	84.1	82.6
9	84.5	82.8	84.9	93.9	93.9	89.8	87.0	83.7	84.9	84.3	84.3	82.9
10	84.5	82.7	84.9	93.5	99.9	89.6	85.7	83.9	85.0	84.5	84.3	82.9
11	84.5	82.5	84.8	93.3	100.3	89.6	84.9	84.2	85.0	84.8	82.6	82.9
12	84.1	82.6	84.7	93.4	100.4	89.7	84.8	84.6	84.0	84.3	83.8	82.8
13	84.1	82.6	84.7	93.7	100.3	89.7	84.7	84.2	85.1	84.4	84.1	82.9
14	84.0	82.8	84.7	93.9	99.9	89.0	84.5	84.4	84.9	84.6	83.8	82.9
15	84.3	82.9	86.4	94.8	99.6	87.8	84.3	84.2	84.5	84.7	83.8	83.2
16	84.5	82.5	87.1	94.8	99.7	87.5	84.2	83.6	84.2	84.8	83.4	84.0
17	84.4	82.8	88.1	96.0	98.8	87.9	84.1	84.3	84.1	84.8	83.4	84.2
18	84.4	83.0	88.8	95.5	96.8	86.8	86.0	84.1	83.8	84.8	83.2	84.6
19	84.4	82.9	89.4	95.5	95.3	86.5	84.1	83.6	83.7	86.7	83.2	84.2
20	84.2	82.8	89.3	94.1	94.0	86.0	84.1	83.5	83.7	89.6	83.2	83.6
21	83.2	82.8	89.4	93.1	92.2	85.7	84.4	83.5	83.6	90.2	83.2	83.9
22	84.4	83.0	89.6	92.2	90.0	85.6	84.3	84.0	83.5	90.3	82.9	84.0
23	83.8	83.2	91.0	91.5	90.3	86.5	83.8	84.5	83.2	89.8	82.9	84.0
24	83.8	83.5	91.2	90.8	88.7	86.9	84.0	84.5	83.3	89.6	83.0	84.0
25	83.8	86.0	91.5	90.0	88.3	87.6	83.9	85.1	83.0	88.6	83.0	83.7
26	83.5	88.4	91.5	89.9	88.4	87.5	83.7	87.2	83.0	88.1	83.1	83.8
27	83.6	89.7	91.9	89.5	88.3	86.8	83.9	88.6	83.4	87.7	83.0	83.8
28	83.9	90.4	92.3	91.0	88.7	86.1	83.7	89.7	83.4	87.2	82.9	83.8
29	83.9	---	92.2	94.2	90.5	86.4	84.0	89.7	83.6	86.6	82.8	84.0
30	83.4	---	92.0	95.8	91.1	86.4	84.1	94.2	83.6	86.5	82.9	83.8
31	83.4	---	92.0	---	88.7	---	83.7	93.8	---	86.5	---	83.9
The following statistics are based on observations occurring in 2007 only.												
Mean	84.1	83.7	89.0	93.4	94.5	88.5	85.0	85.2	85.2	85.8	83.9	83.4
Max	84.5	90.4	92.3	96.0	100.4	93.0	87.0	94.2	92.1	90.3	86.5	84.6
Min	83.2	82.5	84.7	89.5	88.3	85.6	83.7	83.1	83.0	83.1	82.6	82.5
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean STAGE for the Year was: 86.8
 The Highest STAGE for the Year was: 100.4 which occurred on: 05-12-2007
 The Lowest STAGE for the Year was: 82.5 which occurred on: 12-07-2007 02-16-2007 02-11-2007 The Total Number of Days for the Year was:
 365

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