

## DAILY STAGES FOR 2002

## MISSISSIPPI RIVER AT NEW MADRID, MO.

LOCATION. LAT. 36-34-59, LONG. 89-31-56. AT MILE 889.0, AT BOAT RAMP ON NEW MADRID FRONT, SIX TENTHS MILE DOWNSTREAM FROM MOUTH OF ST. JOHNS BAYOU.

GAGE. TELEMETRY VIA SATELLITE FROM DATA COLLECTION PLATFORM ON DOCK.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,200 SQUARE MILES. BANKFULL STAGE, 40 FEET. LOW WATER REFERENCE PLANE, 2.7 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 7, 1879, TO DATE. PRIOR TO NOV. 22, 1892, GAGE WAS AT MORRISON LANDING, TWO MILES UPSTREAM. FROM NOV. 22, 1892 TO AUG. 4, 1965, GAGE WAS ABOUT 0.5 MILE ABOVE NEW MADRID AT ST. JOHNS BAYOU AND CONSISTED OF VERTICAL SECTIONS. GAGE WAS MOVED 0.35 MILE DOWNSTREAM ON AUG. 4, 1965. STAGES ARE PUBLISHED ALSO BY THE NATIONAL WEATHER SERVICE.

EXTREMES. HIGHEST, 47.97 FEET ON FEB. 3, 1937. LOWEST, MINUS 1.50 FEET ON JUL. 12, 1988, AND SUBSEQUENT DAYS.

DAY	DAILY EIGHT A.M. STAGE IN FEET											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	GAGE ZERO, 255.48 FEET, N.G.V.D. OF 1929											
1	14.6	29.1	11.7	32.7	29.7	34.1	11.4	6.8	5.3	14.5	7.1	7.7
2	12.6	29.9	11.5	32.1	30.4	31.7	11.6	6.5	4.6	12.1	9.2	6.6
3	11.2	30.7	11.0	32.1	31.1	29.2	11.6	5.7	3.9	10.3	10.6	5.5
4	9.8	30.9	10.4	32.4	31.6	26.7	10.9	4.9	2.8	8.8	11.3	6.4
5	7.8	29.8	10.5	32.5	31.6	24.3	10.6	3.8	2.4	7.7	11.3	7.4
6	5.1	28.1	11.0	32.5	32.1	22.4	10.2	2.6	2.0	5.9	10.4	7.4
7	3.6	26.1	10.7	31.9	32.6	20.9	9.6	2.4	1.0	4.2	9.4	7.1
8	3.4	24.2	10.1	30.6	33.2	20.1	9.3	2.1	0.7	2.7	9.4	6.5
9	3.6	22.4	9.8	29.0	33.7	20.2	8.2	1.7	0.3	2.7	10.5	5.1
10	3.5	20.4	10.0	27.2	34.4	21.0	7.4	1.0	-0.6	3.1	12.2	5.6
11	2.7	18.8	11.3	24.6	35.3	22.0	7.3	0.6	-0.9	3.9	13.8	6.4
12	2.1	17.6	12.3	21.9	36.2	23.1	8.0	0.2	-1.0	5.1	14.8	6.9
13	2.2	16.6	12.7	19.8	37.0	23.9	8.2	0.1	-1.1	6.7	15.4	8.4
14	2.6	15.9	13.0	19.1	38.2	23.9	7.6	1.0	-1.3	9.9	17.0	10.5
15	3.3	15.1	13.1	19.6	39.2	23.2	7.5	1.9	-1.6	11.6	17.9	12.4
16	5.5	14.3	12.8	20.2	39.9	22.6	7.4	1.2	-1.6	12.2	17.8	14.0
17	7.3	13.6	12.9	20.8	40.5	22.4	8.4	1.9	-1.3	11.5	17.2	15.6
18	6.9	12.6	13.4	21.1	41.4	22.4	8.9	1.1	-0.5	10.4	16.7	17.9
19	4.5	11.8	16.9	21.1	42.1	22.3	8.1	0.9	-0.2	9.2	16.0	19.6
20	3.3	11.3	22.6	21.3	42.5	21.8	7.7	1.3	-0.6	9.9	14.8	21.7
21	3.6	10.9	26.7	21.7	42.4	20.9	6.6	2.5	0.2	10.7	13.7	23.4
22	4.3	10.4	28.9	22.1	42.3	19.6	5.0	2.7	0.6	10.5	13.2	24.3
23	5.6	9.4	30.3	23.3	42.0	17.9	5.0	2.4	0.8	8.9	13.2	24.7
24	9.4	8.1	31.4	24.3	41.5	16.4	5.7	2.3	0.4	7.7	13.1	24.4
25	15.3	8.1	32.2	25.3	41.2	15.3	5.6	2.8	E 0.0	6.8	12.6	23.3
26	20.1	8.7	33.0	26.4	40.8	14.0	5.1	3.7	E 0.9	6.3	11.9	22.4
27	23.6	10.6	34.0	27.6	40.1	13.0	4.9	5.7	E 2.7	5.6	11.5	21.8
28	25.8	11.6	34.5	28.1	39.4	12.1	4.7	6.9	E 6.2	5.7	11.0	21.5
29	27.1		34.3	28.6	38.4	11.7	4.6	7.0	E 10.2	5.6	9.7	20.9
30	27.9		33.9	29.1	37.4	11.7	5.9	6.8	14.3	5.1	8.5	19.9
31	28.4		33.3		36.0		6.7	6.1		5.2		18.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	9.9	17.7	19.4	26.0	37.2	21.0	7.7	3.1	1.6	7.8	12.7	14.3
MAX.	28.4	30.9	34.5	32.7	42.5	34.1	11.6	7.0	14.3	14.5	17.9	24.7
MIN.	2.1	8.1	9.8	19.1	29.7	11.7	4.6	0.1	-1.6	2.7	7.1	5.1

E - ESTIMATED.

HIGHEST STAGE WAS 42.60 ON MAY 20.

LOWEST STAGE WAS -1.67 ON SEP 15 AND 16.