

DAILY STAGES FOR 1991

9

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. STAFF IN INCLINED AND VERTICAL SECTIONS.

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 MORRISSON 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.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 255.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	38.1	18.3	34.1	32.7	24.1	27.4	14.3	8.4	4.3	4.9	5.4	10.8
2	38.8	17.8	34.0	33.4	24.1	25.7	13.3	8.0	4.1	4.7	5.6	12.4
3	39.2	17.9	33.6	33.8	24.1	23.8	13.1	7.9	4.6	4.5	5.7	15.4
4	39.2	17.9	32.7	34.0	23.8	22.4	12.9	7.3	4.7	4.2	6.1	20.1
5	39.1	17.6	31.2	33.8	23.3	21.7	12.4	6.8	4.5	4.1	7.0	24.1
6	39.1	17.6	29.4	33.4	22.5	21.0	12.4	6.9	4.9	4.0	7.3	26.7
7	39.1	18.8	27.5	32.8	22.5	20.1	12.3	6.6	5.3	4.4	7.2	28.3
8	39.1	20.0	26.6	31.8	23.2	19.6	12.2	6.3	5.1	5.6	7.3	29.2
9	39.0	21.5	26.1	30.1	23.8	19.0	11.6	6.1	3.8	6.1	7.8	29.6
10	38.9	23.0	25.8	27.6	24.5	18.3	11.3	6.4	3.4	6.0	7.9	29.6
11	38.9	24.3	25.6	25.5	25.0	17.6	12.3	7.3	3.4	5.6	7.8	29.4
12	38.8	24.8	25.8	23.8	24.9	16.8	13.6	7.4	3.7	5.3	7.3	28.8
13	38.8	25.1	25.8	22.9	24.8	E 16.0	14.4	7.3	4.6	4.9	7.0	27.0
14	38.7	25.4	25.6	23.0	25.2	E 15.7	14.8	7.2	4.9	4.3	6.9	25.3
15	38.4	25.7	25.2	24.0	24.9	E 16.3	14.0	7.2	4.2	3.7	7.0	24.5
16	38.1	26.1	24.8	25.3	24.5	E 16.9	13.2	7.1	4.3	3.1	7.2	24.5
17	37.7	26.2	24.7	26.7	24.2	E 16.5	13.0	6.7	5.0	2.7	7.2	24.7
18	37.2	26.0	24.7	28.1	23.9	E 16.1	12.9	6.7	5.2	2.5	6.8	24.9
19	36.5	25.8	25.0	29.5	23.3	16.6	11.7	6.7	5.3	2.1	6.8	24.8

20	35.7	27.0	25.5	30.4	E 22.8	17.0	11.0	6.8	5.4	1.8	6.5	24.1
21	34.8	29.1	25.8	31.0	E 22.2	17.1	10.7	6.8	5.4	1.7	7.4	22.6
22	34.0	30.8	26.0	31.2	E 21.7	17.0	10.4	7.2	5.5	1.7	9.0	20.8
23	32.9	31.9	26.8	31.3	E 21.1	17.1	9.4	7.2	5.6	1.8	10.2	19.2
24	31.7	32.8	28.0	31.3	20.6	17.0	8.8	6.2	5.4	1.9	11.3	18.3
25	30.2	33.5	28.8	30.9	20.4	16.6	8.5	6.0	5.1	1.9	13.3	17.5
26	28.6	33.9	29.3	29.9	20.1	16.3	8.5	5.9	5.1	2.1	14.5	17.3
27	26.9	34.0	29.9	28.2	20.2	15.8	8.5	6.0	5.6	2.5	14.8	17.5
28	24.9	34.2	30.4	26.4	21.8	15.6	8.2	5.8	6.1	2.9	14.1	18.0
29	23.0		30.9	24.7	24.5	15.5	8.1	5.7	5.5	3.3	12.6	18.2
30	21.3		31.4	24.2	27.2	15.1	8.1	5.5	5.1	3.9	11.2	18.2
31	19.4		32.1		28.1		8.4	4.9		4.8		17.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	34.71	25.25	28.15	29.05	23.46	18.25	11.42	6.73	4.84	3.63	8.54	22.24
MAX.	39.2	34.2	34.1	34.0	28.1	27.4	14.8	8.4	6.1	6.1	14.8	29.6
MIN.	19.4	17.6	24.7	22.9	20.1	15.1	8.1	4.9	3.4	1.7	5.4	10.8

E- ESTIMATED.

HIGHEST STAGE WAS 39.25 ON JAN 3.

LOWEST STAGE WAS 1.65 ON OCT 21.