

## DAILY STAGES FOR 2002

## MISSISSIPPI RIVER AT MEMPHIS, TENN.

LOCATION. LAT. 35-07-23, LONG. 90-04-36. MILE 734.4, APPROXIMATELY EIGHTEEN HUNDRED FEET DOWNSTREAM FROM HARAHAN BRIDGE.

GAGE. DATA COLLECTION PLATFORM ON SOUTHWEST CORNER OF AMERICAN COMMERCIAL LIQUID TERMINAL OIL DOCK AT 427 WEST ILLINOIS AVENUE.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. BANKFULL STAGE, 34 FEET. LOW WATER REFERENCE PLANE, MINUS 2.6 FEET ON GAGE. THE AVERAGE RELATION BETWEEN BEALE STREET GAGE AND GAGE NEAR BRIDGE IS A STRAIGHT LINE YIELDING STAGES ON THE BRIDGE GAGE THE SAME AT ZERO STAGE, AND 1.6 FEET LOWER AT THE 50 FOOT STAGE.

RECORDS AVAILABLE. STAGE, OCT. 1934 TO SEPT. 1951 AND OCT. 1952 TO DATE IN REPORTS OF U.S. GEOLOGICAL SURVEY. DEC. 1934 TO DATE IN REPORTS OF THE NATIONAL WEATHER SERVICE. (WEATHER SERVICE STAGES FROM DEC. 1890 TO AUG. 1932 REFER TO BEALE ST. GAGE, AND FROM SEPT. 1932 TO DEC. 1934 TO GAGE AT SITE 1,000 FEET DOWNSTREAM.) SINCE 1950 IN REPORTS OF THE CORPS OF ENGINEERS. MEASURED DISCHARGE, INTERMITTENTLY FROM 1882 TO 1904, AND 1932 TO DATE. DAILY DISCHARGE, JAN. 1933 TO DATE. ALSO IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 48.7 FEET ON FEB. 10, 1937. LOWEST, MINUS 10.70 FEET ON JUL. 10 AND 11, 1988. MAXIMUM, 2,020,000 CFS WAS MEASURED ON FEB. 7, 1937 (STAGE, 48.3). MINIMUM, 78,000 CFS ON AUG. 25, 1936 (STAGE, 0.0).

## DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.8	24.1	5.2	30.1	24.0	34.8	6.5	0.5	2.3	7.2	-0.1	4.1
2	12.0	24.7	6.1	29.7	24.3	33.6	6.3	1.0	1.7	9.4	0.3	3.1
3	9.9	25.3	6.4	29.2	24.8	31.9	6.2	1.1	0.9	9.0	1.8	2.1
4	8.1	25.9	6.2	28.8	25.6	29.5	6.3	0.8	0.2	7.8	3.4	1.1
5	6.6	26.3	5.7	28.6	26.0	26.6	5.8	0.1	-0.6	6.5	4.8	1.2
6	5.0	26.1	5.3	28.5	26.3	23.5	5.4	-0.7	-1.4	5.1	5.8	1.6
7	2.8	25.1	5.5	28.4	26.5	20.6	5.0	-1.6	-1.9	4.2	5.8	2.3
8	0.5	23.4	5.5	28.2	26.9	18.4	4.5	-2.5	-2.5	2.7	5.2	2.3
9	-0.9	21.6	5.3	27.6	27.4	16.9	4.1	-2.9	-3.2	1.1	4.4	2.0
10	-1.5	19.6	4.8	26.5	27.8	16.3	3.5	-3.2	-3.5	1.8	4.6	1.1
11	-1.6	17.6	4.6	25.0	28.3	16.5	2.6	-3.7	-4.0	2.3	5.7	0.3
12	-2.0	15.8	6.2	22.8	28.8	17.2	2.1	-4.2	-4.7	2.5	7.3	0.5
13	-2.7	14.3	7.2	20.1	29.6	18.1	2.2	-4.6	-5.0	2.9	9.0	1.1
14	-3.2	12.9	7.8	17.6	30.4	19.1	2.5	-4.9	-5.2	2.8	10.1	2.0
15	-3.2	12.1	8.1	16.0	31.1	19.3	2.5	-5.2	-5.3	4.3	11.4	3.4
16	-2.8	11.2	8.3	15.7	32.0	19.0	2.2	-3.8	-5.3	6.3	12.6	5.3
17	-1.8	10.2	9.3	15.9	32.9	18.4	2.0	-3.3	-5.4	7.6	13.1	7.3
18	0.0	9.5	10.3	16.3	34.0	18.0	2.1	-3.7	-5.5	7.8	12.8	9.3
19	1.3	8.5	10.5	16.6	34.9	17.8	2.8	-3.4	-5.0	7.1	12.3	13.2
20	1.0	8.0	12.9	16.7	35.8	17.7	3.0	-3.2	-3.2	6.1	11.6	16.3
21	-0.6	7.3	17.9	16.7	36.7	17.3	2.5	-3.2	-2.2	5.3	10.6	18.0
22	-1.5	6.7	21.5	17.0	37.4	16.6	2.0	-2.7	-2.4	5.5	9.5	19.7
23	-1.3	6.1	23.6	17.4	38.0	15.5	0.9	-2.1	-2.2	5.6	8.5	20.3
24	0.4	5.4	25.0	18.1	38.2	14.0	0.1	-1.9	-2.0	5.1	8.1	21.3
25	3.0	4.2	26.1	19.1	38.2	12.5	0.1	-1.7	-2.3	3.9	7.9	21.3
26	7.4	3.3	27.1	20.0	38.1	11.3	0.3	-1.5	-2.8	2.8	7.7	20.5
27	13.7	3.1	27.9	21.0	37.9	10.0	0.1	-1.2	-1.2	1.8	7.1	19.6
28	17.8	4.0	28.5	22.0	37.6	8.8	-0.3	-0.1	-0.6	1.1	6.4	18.8
29	20.3		29.1	22.7	37.2	7.7	-0.6	1.4	1.2	0.7	6.0	18.4
30	21.8		29.6	23.2	36.6	6.9	-0.8	2.3	3.6	0.5	5.2	17.8
31	23.1		30.2		35.8		-0.2	2.5		0.2		16.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	4.7	14.4	13.8	22.2	31.9	18.5	2.6	-1.8	-2.2	4.4	7.3	9.4
MAX.	23.1	26.3	30.2	30.1	38.2	34.8	6.5	2.5	3.6	9.4	13.1	21.3
MIN.	-3.2	3.1	4.6	15.7	24.0	6.9	-0.8	-5.2	-5.5	0.2	-0.1	0.3

HIGHEST STAGE WAS 38.26 ON MAY 24.

LOWEST STAGE WAS -5.50 ON SEP 18.