

DAILY STAGES FOR 1994

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 14.70 FEET ON JUL. 11, 1988.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.0	21.0	27.5	23.5	31.1	7.0	9.0	2.6	-1.1	-2.1	-3.4	4.2
2	4.5	22.1	27.9	24.6	30.5	6.7	9.6	3.4	-1.5	-1.6	-3.4	6.0
3	4.3	22.8	28.0	25.5	29.9	6.4	9.8	4.0	-1.3	-1.6	-3.7	7.3
4	4.4	23.5	28.0	26.2	29.3	5.9	9.8	4.0	-1.5	-1.7	-4.0	8.0
5	4.4	23.6	27.8	26.7	28.9	5.7	9.3	3.4	-1.7	-1.7	-4.0	8.2
6	4.7	23.7	27.5	27.1	28.4	4.9	8.6	2.3	-1.6	-1.3	-2.8	7.7
7	5.0	23.8	27.4	27.3	28.0	4.4	8.2	1.7	-1.5	-1.1	-.9	7.2
8	5.2	23.9	27.3	27.5	27.5	3.6	7.3	1.6	-1.2	-1.1	.6	7.3
9	6.5	24.0	27.2	27.7	26.6	3.2	6.3	1.1	-1.7	-1.6	1.0	7.9
10	8.0	23.8	27.1	27.7	25.6	4.2	5.2	.2	-2.7	-2.4	1.2	8.6
11	9.3	23.3	27.0	27.9	24.6	5.4	4.3	.4	-3.0	-3.6	1.7	10.0
12	10.9	22.5	27.2	28.0	23.5	6.5	4.5	.9	-3.7	-4.5	2.4	11.3
13	12.2	22.0	27.3	28.1	23.2	6.9	4.5	.5	-4.4	-4.4	3.5	12.2
14	13.5	21.5	27.6	28.4	23.1	6.7	4.0	-.7	-4.8	-4.3	4.5	12.8
15	14.5	21.5	27.9	29.0	23.2	6.3	3.8	-1.7	-5.2	-4.8	4.6	13.3
16	15.0	22.0	28.0	29.9	23.4	6.3	4.4	-2.6	-5.3	-4.7	3.7	13.7
17	14.9	22.5	28.0	31.0	23.4	5.6	5.2	-3.5	-5.1	-4.2	2.9	13.9
18	14.0	23.0	27.9	32.0	23.2	5.7	5.0	-3.0	-5.0	-3.8	2.5	13.4
19	13.0	23.6	27.9	32.9	22.3	6.0	4.3	-1.7	-5.3	-3.3	1.9	12.0
20	12.2	23.8	27.8	33.3	20.8	5.9	3.9	-.7	-5.6	-2.9	1.5	10.3
21	11.5	24.0	27.8	33.5	19.0	5.8	4.3	.3	-5.8	-2.7	1.5	8.7
22	10.3	24.2	27.6	33.6	17.2	5.7	4.3	1.4	-6.0	-2.6	.6	7.9
23	8.7	24.5	27.2	33.6	15.3	5.5	4.5	2.3	-5.6	-2.6	-.5	7.2
24	7.5	25.0	26.5	33.3	13.4	5.4	4.3	3.3	-4.8	-2.6	-.8	6.1
25	7.3	25.3	25.4	33.0	11.7	5.4	3.5	4.5	-4.7	-3.1	-.1	5.1
26	7.9	25.8	23.7	32.7	10.4	5.3	2.7	5.1	-5.0	-3.7	1.1	4.2
27	8.8	26.3	21.8	32.4	9.4	5.1	2.3	4.9	-5.6	-4.0	2.3	2.8
28	10.7	26.9	20.3	32.2	8.5	5.4	2.5	4.4	-5.9	-3.8	2.6	1.8
29	13.6	----	20.0	32.0	7.5	6.7	3.0	3.4	-5.1	-3.5	2.4	1.4
30	16.9	----	20.9	31.5	7.4	8.1	3.1	1.9	-3.5	-3.6	2.5	.6
31	19.4	----	22.2	----	7.3	----	2.5	.2	----	-3.5	----	-.2
MEAN	9.8	23.6	26.3	29.7	20.8	5.7	5.3	1.4	-3.8	-3.0	.7	7.8
MAX	19.4	26.9	28.0	33.6	31.1	8.1	9.8	5.1	-1.1	-1.1	4.6	13.9
MIN	4.3	21.0	20.0	23.5	7.3	3.2	2.3	-3.5	-6.0	-4.8	-4.0	-.2

THE MEAN STAGE FOR THE YEAR 10.3

HIGHEST STAGE WAS 33.60 22 AND 23 APR 1994

LOWEST STAGE WAS -6.00 22 SEP 1994

DAILY STAGES FOR 1993

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GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

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EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 14.70 FEET ON JUL. 11, 1988.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.3	20.2	16.5	26.4	25.8	12.2	13.9	25.6	15.4	20.2	7.3	17.1
2	16.4	19.8	16.8	27.0	25.9	11.7	14.1	26.0	14.9	21.0	6.7	16.2
3	15.4	18.8	16.9	27.4	26.1	11.3	14.5	26.1	14.4	21.5	6.0	15.7
4	15.0	17.2	16.5	27.8	26.2	11.1	14.8	26.3	13.9	22.0	5.5	16.1
5	15.3	15.4	15.9	28.1	26.4	11.1	15.2	26.2	13.9	22.1	5.2	17.0
6	16.4	13.9	15.4	28.3	26.6	11.0	15.8	26.3	13.8	22.1	5.3	17.8
7	18.3	12.5	16.6	28.5	26.8	11.2	16.7	26.1	13.9	21.8	5.3	18.5
8	20.2	11.0	19.0	28.6	27.2	11.5	17.8	26.2	14.3	21.3	5.3	19.2
9	21.5	9.6	21.2	28.9	27.3	12.0	18.8	26.2	14.7	20.6	5.0	19.9
10	22.5	8.5	22.5	29.0	27.4	12.6	19.6	26.2	14.7	19.7	4.9	20.4
11	23.0	7.9	23.6	29.2	27.2	13.8	20.3	26.2	14.4	18.3	5.4	20.8
12	23.1	7.7	24.5	29.3	26.9	15.2	20.8	26.2	14.4	16.6	5.1	20.8
13	23.0	7.4	25.2	29.4	26.4	15.9	21.3	25.9	14.2	14.7	4.5	20.9
14	22.5	7.4	25.7	29.2	25.7	16.0	21.5	25.6	13.9	13.0	4.3	21.0
15	22.1	7.4	26.3	29.1	24.6	15.8	21.8	25.3	13.4	11.4	4.1	21.0
16	21.5	7.9	26.6	28.7	23.8	16.0	22.2	25.1	13.3	10.3	4.8	20.9
17	20.9	8.4	26.9	28.3	22.9	16.1	22.4	24.8	13.2	9.4	10.8	20.3
18	20.3	8.9	27.1	27.9	22.2	16.1	22.7	24.6	13.0	8.8	15.5	19.3
19	20.0	9.5	26.9	27.7	21.5	15.9	22.9	24.5	13.2	8.5	18.6	17.8
20	19.9	9.7	26.4	27.7	20.9	15.2	23.3	24.3	13.7	8.3	20.5	15.8
21	19.8	9.9	25.6	27.7	20.5	14.3	23.6	24.0	14.3	8.2	21.7	14.3
22	19.6	10.3	22.6	27.8	20.5	13.2	24.1	23.6	14.6	8.2	22.5	13.1
23	19.3	11.2	21.2	27.9	20.2	12.5	24.6	23.1	14.7	9.1	23.0	12.1
24	19.0	12.1	20.6	27.8	19.6	12.3	25.1	22.3	14.9	10.1	23.0	11.3
25	18.8	13.0	20.2	27.6	18.7	12.0	25.4	21.3	15.4	10.5	22.6	10.8
26	18.8	14.2	21.2	27.3	17.8	12.2	25.5	20.5	16.0	10.5	22.2	10.2
27	19.0	15.1	21.8	27.0	16.7	12.6	25.6	19.9	16.8	10.1	21.5	9.5
28	19.5	15.9	22.9	26.6	15.7	12.8	25.4	18.8	17.5	9.4	20.6	9.2
29	20.2		23.9	26.2	14.5	13.1	25.3	17.9	18.4	8.9	19.5	8.5
30	20.5		24.8	25.9	13.4	13.0	25.4	17.0	19.2	8.2	18.3	7.4
31	20.5		25.7		12.9		25.5	16.2		7.6		6.0

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

MEAN	19.66	11.81	22.16	27.94	22.53	13.32	21.16	23.82	14.75	13.95	12.17	15.77
MAX.	23.1	20.2	27.1	29.4	27.4	16.1	25.6	26.3	19.2	22.1	23.0	21.0
MIN.	15.0	7.4	15.4	25.9	12.9	11.0	13.9	16.2	13.0	7.6	4.1	6.0

HIGHEST STAGE WAS 29.40 ON APR 13.
LOWEST STAGE WAS 4.10 ON NOV 15.

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EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 14.70 FEET ON JUL. 11, 1988.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.3	6.3	10.4	14.4	17.7	-0.7	-0.3 E	13.7	-1.5	7.4	-3.8	20.6
2	10.0	5.7	11.3	14.0	16.9	-0.5	-0.4 E	15.1	0.3	6.6	-4.1	20.4
3	9.9	4.6	12.0	14.5	15.8	1.0	-1.0 E	15.8	2.0	5.6	-4.6	20.3
4	10.1	3.6	12.7	15.0	14.4	1.1	-1.2	15.9	2.4	4.3	-4.4	19.8
5	10.3	2.7	12.7	15.3	13.0	1.8	-1.4	15.6	2.0	2.5	-3.9	18.8
6	10.7	1.6	12.6	14.8	11.9	1.9	-0.6	15.3	0.5	0.6	-3.2	17.5
7	11.4	0.3	11.7	13.9	10.9	2.0	1.0	15.0	-1.3	-0.6	-2.0	15.6
8	12.3	-0.3	10.4	13.0	10.0	2.5	2.3	14.3	-2.4	-1.6	-0.7	13.6
9	12.7	-1.1	8.9	12.0	9.5	2.6	2.5	13.3	-3.2	-2.7	1.2	12.0
10	12.5	-1.5	8.3	10.9	9.0	2.8	2.7	11.6	-3.1	-3.6	3.1	10.9
11	12.0	-2.0	8.2	9.5	8.7	3.4	2.3	10.4	-2.3	-3.8	4.3	9.9
12	11.0	-2.6	9.1	8.3	8.1	3.9	1.4	9.9	-2.1	-3.9	5.0	8.7
13	9.9	-2.8	12.0	7.3	7.5	4.3	1.3	9.5	-1.9	-4.0	5.4	7.7
14	9.2	-2.9	14.6	6.3	7.4	4.6	2.0	8.8	-1.0	-4.4	6.3	7.1
15	8.5	-3.0	16.4	5.6	7.6	4.7	3.2	8.2	0.3	-4.6	7.6	7.3
16	7.3	-3.4	17.6	4.6	7.4	4.7	3.8	7.5	1.1	-4.9	8.9	7.4
17	6.5	-3.3	18.0	4.0	6.8	3.7	3.6	6.5	1.4	-4.6	10.1	7.7
18	6.6	-1.2	18.1	3.9	5.9	2.1	3.9	5.4	1.3	-3.3	11.2	9.7
19	7.4	0.8	18.5	3.9	3.9	0.4	5.0	4.5	0.8	-2.5	11.6	11.5
20	8.0	2.9	17.5	4.2	2.8	-0.5	7.5	3.8	0.2	-1.8	11.5	14.0
21	7.6	3.8	17.3	5.5	2.4	-0.9	9.6	3.3	-0.1	-1.4	11.2	16.0
22	6.8	5.9	17.3	7.6	1.9	1.3	10.8	2.9	0.2	-1.1	10.9	17.7
23	5.4	6.8	17.7	10.5	1.4	4.2	11.1	2.4	0.8	-0.6	11.0	19.2
24	3.9	7.8	18.4	12.4	1.3	5.5	10.9	1.3	2.5	-0.3	11.5	20.3
25	2.7	8.8	19.3	14.0	1.3	5.1	10.4	-0.4	3.7	-0.8	14.4	21.0
26	1.5	9.4	19.8	15.4	1.4	4.2	10.0	-1.8	4.9	-1.7	16.9	21.3
27	1.3	9.7	20.2	16.5	1.5	3.0	10.0	-2.5	6.4	-2.6	18.7	20.8
28	1.4	9.8	19.9	17.3	1.1	1.5	10.5	-2.4	7.7	-3.2	19.8	20.1
29	2.4	9.9	19.2	17.7	0.8	0.4	10.5	-2.2	8.2	-3.0	20.5	19.2
30	4.5		18.7	17.9	0.4	0.4	11.0	-2.4	8.2	-3.1	20.7	18.6
31	5.9		16.0		-0.2		12.2	-2.1		-3.4		18.0

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

MEAN	7.74	2.63	14.99	11.01	6.73	2.35	4.99	6.97	1.20	-1.31	7.17	15.25
MAX.	12.7	9.9	20.2	17.9	17.7	5.5	12.2	15.9	8.2	7.4	20.7	21.3
MIN.	1.3	-3.4	8.2	3.9	-0.2	-0.9	-1.4	-2.5	-3.2	-4.9	-4.6	7.1

E- ESTIMATED.

HIGHEST STAGE WAS 21.30 ON DEC 26.

LOWEST STAGE WAS -4.90 ON OCT 16.

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DAILY EIGHT A.M. STAGE IN FEET

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DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	29.5	13.0	27.3	24.2	18.4	20.2	7.0	-3.0	-6.5	-6.1	-7.5	2.8
2	30.5	11.3	27.5	24.9	17.7	20.0	6.2	-2.7	-7.2	-6.8	-6.5	2.2
3	31.3	10.6	27.5	25.5	17.4	19.0	5.0	-2.8	-7.7	-6.9	-5.8	3.7
4	31.9	10.5	27.2	25.9	17.4	17.4	4.3	-3.3	-7.6	-7.0	-5.5	6.7
5	32.3	10.4	26.5	26.3	17.0	16.2	4.2	-3.5	-7.2	-7.5	-5.2	11.8
6	32.7	10.9	25.6	26.5	16.6	15.0	3.5	-4.5	-7.0	-7.8	-4.4	15.4
7	32.9	11.3	23.9	26.4	16.2	14.1	3.3	-4.6	-6.7	-7.9	-3.5	18.0
8	32.9	12.1	22.1	26.2	16.0	13.2	3.1	-4.9	-6.3	-7.7	-3.3	19.7
9	33.1	13.2	20.5	25.6	16.3	12.4	2.9	-5.1	-6.2	-6.8	-3.3	21.1
10	33.1	14.5	19.5	24.4	16.9	11.8	2.5	-5.3	-7.4	-5.7	-3.0	22.0
11	33.1	16.0	19.0	23.5	17.4	11.0	1.8	-5.2	-8.4	-5.2	-2.7	22.4
12	33.0	17.1	18.6	20.3	18.0	10.3	2.4	-4.6	-8.9	-5.5	-2.5	22.2
13	32.8	17.7	18.5	18.5	18.7	9.5	3.7	-3.7	-8.7	-5.8	-2.8	21.9
14	32.7	18.5	18.5	17.4	18.9	8.8	5.0	-3.7	-8.1	-6.5	-3.0	20.8
15	32.7	18.7	18.3	17.3	19.1	8.5	5.8	-3.7	-7.3	-7.0	-3.6	19.2
16	32.5	18.9	18.0	17.8	18.9	8.6	5.4	-3.7	-7.5	-7.7	-3.6	18.1
17	32.2	19.4	17.5	18.7	18.5	9.0	4.6	-3.7	-7.8	-8.7	-3.5	17.7
18	31.9	19.5	17.3	19.9	18.2	8.7	3.9	-4.1	-7.3	-9.2	-3.5	17.8
19	31.5	19.5	17.3	21.3	17.7	8.3	3.7	-4.5	-6.8	-9.7	-3.6	17.8
20	31.0	19.6	17.6	22.4	17.2	8.7	2.7	-4.6	-6.6	-10.2	-3.5	17.5
21	30.3	20.5	18.0	23.3	16.6	9.0	1.5	-4.5	-6.3	-10.5	-2.7	17.0
22	29.6	21.9	18.3	23.8	16.2	9.3	0.9	-4.4	-6.2	-10.8	-2.7	15.6
23	28.5	23.5	18.7	24.0	15.5	9.3	0.1	-4.2	-6.1	-10.9	-1.5	13.9
24	27.5	24.5	19.5	24.2	14.7	9.4	-1.0	-3.9	-5.8	-10.8	0.0	12.3
25	26.3	25.5	20.4	24.3	13.8	9.3	-1.7	-4.4	-5.8	-10.7	1.0	11.2
26	24.8	26.2	21.2	24.2	13.8	9.0	-2.4	-5.3	-6.2	-10.5	3.2	10.3
27	23.0	26.8	21.8	23.5	13.6	8.4	-2.6	-5.4	-6.5	-10.5	4.9	9.8
28	21.3	27.2	22.3	22.4	13.4	7.9	-2.6	-5.5	-6.5	-10.0	5.3	9.9
29	19.0		22.7	21.0	14.5	7.4	-2.7	-5.5	-6.6	-9.5	5.3	10.3
30	16.7		23.3	19.4	16.8	7.3	-3.1	-5.6	-6.5	-8.8	4.2	10.5
31	15.0		23.7		19.0		-3.1	-5.8		-8.4		10.5

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

MEAN	29.21	17.81	21.23	22.77	16.79	11.23	2.07	-4.38	-6.99	-8.29	-2.11	14.52
MAX.	33.1	27.2	27.5	26.5	19.1	20.2	7.0	-2.7	-5.8	-5.2	5.3	22.4
MIN.	15.0	10.4	17.3	17.3	13.4	7.3	-3.1	-5.8	-8.9	-10.9	-7.5	2.2

HIGHEST STAGE WAS 33.10 ON JAN 9, 10, AND 11.
LOWEST STAGE WAS -10.90 ON OCT 23.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 14.70 FEET ON JUL. 11, 1988.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-7.4	13.0	28.4	15.0	11.2	27.5	15.5	7.8	5.0	-2.4	6.5	0.6
2	-6.6	13.2	27.8	14.7	10.3	27.7	15.0	6.4	4.9	-2.8	5.9	1.5
3	-5.0	15.0	26.8	13.8	9.2	27.9	14.5	5.6	4.8	-3.5	5.1	2.3
4	-1.8	16.4	25.2	12.5	8.8	27.9	13.9	6.0	4.5	-4.1	2.5	3.3
5	3.3	17.1	22.9	11.7	8.3	27.8	13.2	6.2	4.0	-4.3	0.8	4.1
6	7.0	19.6	20.0	10.8	9.2	27.7	12.9	5.8	3.5	-4.6	-1.0	5.3
7	9.9	21.6	17.4	9.8	9.8	27.5	12.4	5.2	2.9	-4.4	-1.8	7.8
8	11.5	22.7	15.9	9.0	E 11.0	27.0	11.9	5.1	2.5	-3.1	-2.0	9.8
9	12.9	23.5	15.2	8.4	13.4	26.3	11.3	5.0	3.0	-2.5	-2.0	10.8
10	13.3	24.1	14.6	7.8	15.4	25.8	10.8	5.5	2.8	-1.4	-1.9	11.3
11	13.5	24.5	13.8	7.3	16.4	25.0	10.5	5.8	2.4	-1.2	-2.0	11.3
12	13.2	24.9	13.1	7.1	16.8	24.5	10.4	5.8	2.1	-0.3	-1.8	11.0
13	12.5	25.3	12.6	8.0	16.5	23.8	10.1	5.2	2.3	0.8	-1.2	9.8
14	11.2	25.5	12.2	8.7	15.0	22.8	9.9	4.2	1.8	1.4	-0.5	8.3
15	9.9	25.9	12.5	9.4	14.1	21.9	10.1	3.6	0.6	1.6	0.5	7.2
16	8.9	26.5	13.4	9.8	13.8	21.0	10.3	3.0	-0.2	1.4	1.5	5.5
17	8.2	26.7	13.9	10.5	14.3	20.2	10.2	2.2	-0.2	1.8	2.3	4.2
18	7.5	27.1	15.0	11.5	15.5	19.0	10.5	1.6	-0.3	3.0	2.5	4.2
19	6.3	27.6	17.4	12.2	18.2	17.3	11.2	1.5	-1.0	4.0	1.8	5.0
20	5.0	28.0	19.3	12.5	20.8	16.4	11.8	1.1	-1.2	5.5	1.4	7.1
21	4.5	28.4	21.5	12.4	22.8	16.0	11.9	0.6	-1.5	5.9	0.6	12.3
22	5.2	28.6	22.0	11.5	24.5	16.5	11.9	0.8	-1.5	5.6	-0.7	16.8
23	8.9	28.8	22.2	10.7	25.7	16.4	11.8	1.5	-1.1	5.0	-2.0	19.6
24	10.8	28.9	22.3	10.3	26.6	16.0	11.6	2.5	-1.5	4.5	-2.6	21.9
25	12.3	28.8	22.2	10.5	27.2	15.7	11.2	3.5	-1.6	4.4	-2.6	23.3
26	13.3	28.8	22.0	11.0	27.5	15.5	10.6	4.5	-1.8	4.9	-2.5	24.5
27	13.8	28.6	21.2	11.3	27.6	15.6	10.6	5.5	-2.1	5.5	-1.5	25.8
28	14.2	28.5	20.0	11.9	27.4	16.0	10.7	5.9	-1.9	5.7	-0.6	27.1
29	14.3		18.2	12.1	27.4	16.1	10.6	6.0	-1.7	5.9	-0.2	27.8
30	14.2		16.5	11.9	27.3	15.8	10.2	6.1	-2.0	6.1	0.1	28.5
31	13.5		15.5		27.4		9.2	5.7		6.4		29.4

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

MEAN	8.33	24.19	18.73	10.80	18.04	21.48	11.50	4.35	0.91	1.44	0.15	12.49
MAX.	14.3	28.9	28.4	15.0	27.6	27.9	15.5	7.8	5.0	6.4	6.5	29.4
MIN.	-7.4	13.0	12.2	7.1	8.3	15.5	9.2	0.6	-2.1	-4.6	-2.6	0.6

E- ESTIMATED.

HIGHEST STAGE WAS 29.40 ON DEC 31.

LOWEST STAGE WAS -7.40 ON JAN 1.

MISSISSIPPI RIVER H. W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 14.70 FEET ON JUL. 11, 1988.

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.3	4.2	28.2	17.5	4.7	11.7	17.0	-0.2	3.4	7.7	2.0	4.1
2	15.5	4.1	27.9	18.2	5.4	12.3	16.1	0.5	2.6	6.6	-0.4	3.5
3	15.4	4.2	27.7	18.5	6.9	12.6	15.0	1.0	1.9	5.7	-0.9	3.3
4	14.6	5.3	27.5	19.2	8.5	12.4	14.9	1.2	1.9	5.4	-2.0	3.0
5	13.5	7.7	27.3	19.2	9.9	11.8	15.9	0.8	2.4	6.3	-2.5	2.8
6	12.5	10.3	26.7	20.9	11.2	10.1	16.3	-0.3	3.3	7.3	-2.2	2.4
7	11.5	11.7	26.0	22.5	12.3	9.6	16.0	-1.5	3.3	7.5	-1.2	1.7
8	10.2	12.7	25.3	23.8	12.6	9.1	15.4	-1.9	2.5	8.0	-1.6	0.7
9	10.5	13.5	24.7	24.7	12.6	9.3	14.6	-1.8	1.7	8.2	-1.6	-0.3
10	11.3	13.5	24.3	25.5	12.4	9.7	13.7	-1.8	0.9	8.9	-1.5	-1.3
11	11.9	13.0	24.0	25.8	12.4	10.2	12.7	-1.0	-0.3	7.2	-1.5	-2.1
12	12.5	12.4	E 24.0	26.1	12.4	10.5	11.8	-0.8	0.0	6.2	-1.1	-2.0
13	13.8	11.0	E 23.9	26.3	12.6	11.3	10.7	-2.1	1.3	5.0	0.1	-2.0
14	15.2	9.9	E 23.9	26.3	13.2	11.6	9.6	-4.0	3.3	3.3	0.9	-1.7
15	17.1	10.1	E 23.9	26.3	13.5	12.2	8.8	-5.2	4.9	1.9	1.7	-1.4
16	18.8	13.7	E 23.8	25.9	13.8	13.2	8.2	-6.3	7.2	0.7	2.3	-1.5
17	20.5	17.7	E 23.8	25.5	13.9	14.0	7.4	-7.0	8.7	-0.1	2.5	-2.2
18	21.5	21.3	E 23.3	24.5	14.0	14.9	7.2	-7.2	8.9	-0.6	2.7	-2.8
19	22.4	22.5	22.7	E 23.2	14.2	15.9	6.8	-7.2	8.7	-1.0	3.8	-3.4
20	23.0	23.0	21.4	20.8	14.3	16.5	5.4	-6.7	8.7	-0.5	5.8	-3.8
21	23.2	23.5	19.7	18.2	14.2	17.0	3.5	-6.5	9.0	0.5	7.3	-4.8
22	23.0	24.1	17.9	15.0	13.8	17.6	2.0	-6.3	9.3	2.0	8.7	-6.3
23	22.5	24.7	16.3	12.2	13.2	18.1	1.4	-6.1	9.4	4.2	9.8	-7.0
24	21.9	25.5	15.7	10.3	12.8	18.5	1.6	-5.3	8.3	6.6	10.4	-7.0
25	19.5	26.4	16.2	9.0	12.6	18.9	1.6	-4.0	7.3	8.6	10.4	-7.1
26	18.0	27.0	16.5	8.3	12.5	19.1	2.0	-2.5	6.5	9.7	9.5	-7.5
27	14.2	27.7	16.7	7.4	12.1	19.3	2.5	-1.9	6.3	10.4	8.4	-7.3
28	10.3	27.9	17.0	6.6	11.5	19.0	2.2	-0.5	6.5	10.0	7.2	E -7.3
29	7.4		17.3	5.7	11.2	18.4	1.6	0.5	7.3	8.5	6.0	E -7.7
30	5.5		17.4	4.9	10.9	17.9	1.2	2.0	7.9	6.4	5.0	-8.0
31	4.5		17.4		11.3		0.3	3.0		4.0		-7.8

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

MEAN	15.38	16.01	22.20	18.60	11.83	14.08	8.49	-2.55	5.10	5.30	2.93	-2.61
MAX.	23.2	27.9	28.2	26.3	14.3	19.3	17.0	3.0	9.4	10.4	10.4	4.1
MIN.	4.5	4.1	15.7	4.9	4.7	9.1	0.3	-7.2	-0.3	-1.0	-2.5	-8.0

E- ESTIMATED.

HIGHEST STAGE WAS 28.20 ON MAR 1.

LOWEST STAGE WAS -8.00 ON DEC 30.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 10.68 FEET ON JAN. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22.8	10.8	10.5	4.3	2.2	-4.0	-14.3	-12.4	-12.3	-7.8	-10.5	11.7
2	22.5	8.3	9.4	8.1	1.6	-4.9	-14.1	-12.8	-12.0	-7.3	-11.2	10.3
3	21.9	7.8	8.2	11.1	1.0	-6.6	-14.0	-13.5	-12.0	-7.0	-11.7	8.8
4	20.7	10.5	6.9	11.4	0.4	-8.4	-13.9	-14.2	-12.1	-7.4	-12.1	7.3
5	19.1	14.5	5.6	12.7	-0.1	-9.4	-14.1	-14.5	-12.4	-8.5	-11.7	5.8
6	16.8	16.8	5.2	12.9	-0.4	-9.4	-14.6	E-14.6	-12.6	-9.6	-11.1	4.4
7	14.7	17.9	6.4	13.2	-0.6	-9.4	-14.4	-14.5	-12.4	-10.4	-10.7	3.2
8	13.0	18.5	8.6	14.1	-0.8	-9.5	-14.4	-14.3	-12.5	-10.6	-10.0	2.0
9	11.2	18.7	10.9	15.0	-1.0	-9.6	-14.5	-13.5	-12.5	-10.7	-9.1	0.5
10	8.8	18.9	12.8	15.5	-1.1	-10.1	-14.6	-13.2	-12.2	-10.5	-8.0	-1.5
11	5.8	18.9	14.8	15.8	-0.5	-10.2	-14.7	E-13.7	-11.8	-10.3	-7.0	-3.5
12	3.0	18.9	15.2	15.9	-0.1	-11.0	-14.5	E-13.9	-11.7	-10.7	-5.6	-4.3
13	1.3	18.7	15.3	15.8	0.2	-11.1	-14.4	E-14.2	-12.1	-11.3	-5.3	-4.5
14	0.1	18.3	14.4	15.5	0.0	-11.3	-13.8	E-14.3	-12.9	E-12.3	-5.2	-4.7
15	-0.5	17.2	13.0	15.4	-0.3	-11.5	-13.6	E-14.0	-13.5	-12.8	-4.7	-5.0
16	-0.5	15.1	11.5	15.0	-0.6	-11.7	-14.0	E-13.8	-13.9	-13.2	-4.7	-5.6
17	-0.7	12.8	10.7	14.4	-1.3	-12.2	-14.4	E-13.7	-13.9	-13.3	-4.6	-6.7
18	E -0.3	11.1	10.4	13.3	-1.9	-12.1	-14.4	-13.6	-12.5	-12.8	-4.7	-8.0
19	E -0.1	10.2	10.1	11.7	-2.4	-12.3	-14.0	-13.6	-11.4	-12.3	-4.0	-9.0
20	0.7	9.7	9.8	10.8	-3.4	-12.5	-14.3	-13.1	-11.9	-11.8	-1.4	-10.2
21	2.0	9.4	8.9	9.4	-4.2	-12.5	-14.3	-13.0	-12.6	-11.6	0.0	-11.1
22	7.0	9.4	7.2	8.8	-4.5	-12.4	-14.0	-12.0	-13.0	-11.8	E 3.2	-11.4
23	13.5	9.6	5.8	8.4	-4.5	-12.4	-11.6	-11.3	-11.6	-12.0	7.5	-10.8
24	17.2	10.1	4.7	7.8	-4.2	-12.4	-9.2	-11.2	-9.7	-12.3	10.8	-9.9
25	18.6	10.9	3.5	6.8	-3.8	-12.7	-8.2	-11.8	-9.4	-11.7	12.3	-8.0
26	19.0	11.7	2.5	6.1	-3.1	-12.9	-9.0	-12.1	-9.6	-10.7	13.1	-5.5
27	19.0	12.2	1.7	5.7	-2.8	-13.3	-10.5	-12.5	-9.3	-10.5	14.1	-2.0
28	18.9	12.0	0.9	4.2	-2.6	-13.7	-12.0	-12.6	-8.8	-10.7	14.1	E 2.6
29	18.2	11.5	0.9	3.5	-2.9	-14.2	-12.2	-12.8	-8.2	-10.8	13.9	7.0
30	16.2		1.4	3.0	-3.3	-14.4	-12.0	-12.7	-8.0	-10.4	13.0	11.5
31	13.5		2.2		-3.5		-12.0	-12.7		-10.2		14.0

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

MEAN	11.07	13.45	8.04	10.85	-1.57	-10.94	-13.23	-13.23	-11.63	-10.75	-1.71	-1.05
MAX.	22.8	18.9	15.3	15.9	2.2	-4.0	-8.2	-11.2	-8.0	-7.0	14.1	14.0
MIN.	-0.7	7.8	0.9	3.0	-4.5	-14.4	-14.7	-14.6	-13.9	-13.3	-12.1	-11.4

E- ESTIMATED.

HIGHEST STAGE WAS 22.80 ON JAN. 1.
LOWEST STAGE WAS -14.70 ON JUL. 11.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 10.68 FEET ON JAN. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.5	6.4	12.6	9.3	13.9	3.7	-1.6	-3.8	-4.1	-5.0	-9.6	-3.7
2	12.8	5.4	15.3	10.3	13.5	4.6	-1.9	-3.9	-1.8	-5.8	-9.8	-2.2
3	12.6	5.0	17.9	11.8	13.2	5.9	-2.4	-3.9	0.6	-6.1	-9.9	-1.3
4	11.4	5.5	19.5	13.0	12.7	7.2	-2.5	-2.9	1.3	-6.2	-9.5	-0.8
5	10.1	6.3	20.6	13.8	11.9	7.7	-2.4	-2.5	1.3	-6.3	-9.0	-0.2
6	8.5	6.4	21.2	14.5	10.8	7.8	-1.3	-3.1	0.9	-6.6	-9.2	1.1
7	7.7	8.4	21.8	14.8	9.7	7.5	-0.1	-2.9	-0.1	-7.1	-9.5	1.5
8	6.8	9.0	22.0	15.0	8.7	6.9	1.5	-2.6	-1.3	-7.3	-9.1	1.4
9	5.9	9.0	21.9	15.0	8.1	6.4	3.0	-2.5	-2.3	-7.0	-9.0	0.8
10	5.3	8.8	21.2	14.8	8.1	5.4	5.0	-2.4	-3.1	-10.1	-8.2	0.1
11	4.6	8.6	20.5	14.4	8.2	4.3	6.9	-2.8	-3.9	-7.6	-7.7	-0.4
12	3.9	8.2	19.4	14.1	7.8	3.0	7.6	-4.1	-4.0	-8.2	-7.2	-0.8
13	2.9	7.4	17.8	14.1	6.9	2.3	7.3	-5.2	-3.5	-8.6	-6.8	-1.4
14	2.2	6.9	15.7	14.7	5.5	1.9	6.5	-5.4	-3.5	-8.3	-6.1	-1.9
15	2.0	6.3	13.9	15.5	4.3	1.5	6.1	-5.6	-3.9	-7.8	-6.2	-1.5
16	1.9	5.8	12.4	16.3	3.0	2.0	6.3	-6.0	-4.7	-7.7	-7.2	-0.5
17	1.7	5.2	11.4	17.9	2.2	2.2	6.6	-6.9	-5.1	-8.0	-6.7	0.0
18	1.6	5.0	10.9	19.5	1.4	1.6	6.9	-7.0	-4.5	-8.3	-6.7	0.6
19	1.3	4.7	10.1	21.0	0.9	0.6	6.9	-6.0	-4.0	-8.3	-6.4	1.0
20	1.2	4.5	9.2	21.9	0.5	0.0	6.3	-5.2	-4.3	-8.4	-6.2	1.0
21	1.5	4.2	8.2	22.1	0.2	-0.1	5.5	-4.5	-4.7	-8.7	-6.2	0.9
22	3.1	4.2	7.5	22.2	-0.2	-0.4	4.4	-3.5	-4.8	-8.9	-6.0	1.1
23	5.2	4.9	7.7	22.1	-0.4	-1.1	3.1	-2.5	-4.5	-9.4	-5.9	1.9
24	7.5	5.7	8.9	22.0	0.0	-1.7	1.9	-2.0	-3.6	-9.6	-6.5	3.7
25	9.1	6.5	10.0	21.8	0.8	-2.0	0.8	-2.1	-2.1	-9.4	-7.1	6.9
26	10.1	7.4	10.5	21.4	2.3	-1.2	-0.6	-1.9	-1.3	-9.2	-6.7	10.3
27	10.8	9.0	10.1	20.8	3.6	-1.2	-1.8	-2.1	-1.3	-9.0	-5.9	13.3
28	11.0	10.5	9.3	19.5	4.3	-0.6	-2.9	-3.1	-1.9	-9.0	-5.4	17.5
29	10.6		8.6	17.4	4.3	-0.5	-3.5	-4.3	-2.9	-8.9	-4.8	20.0
30	9.4		8.4	15.2	3.9	-0.7	-4.4	-5.1	-4.0	-9.0	-4.4	21.5
31	7.6		8.6		3.2		-4.3	-5.1		-9.3		22.4

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

MEAN	6.54	6.61	13.97	16.87	5.59	2.43	2.03	-3.90	-2.70	-8.04	-7.30	3.62
MAX.	12.8	10.5	22.0	22.2	13.9	7.8	7.6	-1.9	1.3	-5.0	-4.4	22.4
MIN.	1.2	4.2	7.5	9.3	-0.4	-2.0	-4.4	-7.0	-5.1	-10.1	-9.9	-3.7

HIGHEST STAGE WAS 22.40 ON DEC. 31.

LOWEST STAGE WAS -10.10 ON OCT. 10.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 10.68 FEET ON JAN. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET							GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929					
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.8	7.3	17.8	14.1	9.3	16.5	1.9	2.9	-3.3	10.7	13.5	17.6
2	6.5	6.2	17.4	12.9	8.4	15.9	2.0	2.5	-3.4	10.9	13.7	19.2
3	5.5	5.0	16.8	11.8	7.2	15.1	2.3	2.2	-3.8	11.1	13.5	20.0
4	4.5	4.4	15.7	10.8	6.3	14.4	2.8	1.4	-4.0	11.6	13.4	20.3
5	4.1	6.4	14.5	9.9	6.0	13.7	3.9	0.9	-4.1	12.5	13.3	20.5
6	3.8	10.8	13.3	9.1	6.5	12.9	5.6	0.5	E -4.1	14.0	13.1	20.9
7	3.5	13.6	12.4	8.6	7.1	12.2	7.5	0.4	-3.4	15.7	12.8	21.0
8	3.4	16.1	11.3	8.3	7.3	11.7	8.8	0.0	-2.5	17.3	12.7	21.0
9	3.2	18.0	9.9	8.1	7.2	11.5	10.0	-0.5	-1.8	18.7	12.6	20.8
10	2.9	19.4	8.9	8.5	6.9	12.1	10.4	-1.0	-2.0	19.7	12.3	20.9
11	2.4	19.9	7.8	9.3	6.9	13.0	9.4	-1.0	-2.4	20.6	13.2	21.1
12	E 1.8	20.2	7.6	9.9	7.2	14.5	8.3	-1.0	-3.4	21.2	14.6	21.3
13	1.3	20.5	8.1	10.0	7.3	15.5	8.5	-1.1	-4.5	21.6	15.7	21.8
14	1.0	20.8	9.0	10.0	7.4	15.1	9.8	E -1.2	E -4.4	21.6	16.5	22.0
15	E 0.7	21.0	10.2	9.9	7.4	14.2	11.1	-1.3	-4.0	21.3	17.5	22.0
16	E 0.5	20.9	12.7	9.6	7.9	13.4	12.4	-1.5	E -4.1	20.8	E 18.3	21.7
17	E 0.2	20.5	15.1	9.4	9.3	12.6	13.4	E -1.9	-4.5	20.0	18.2	21.2
18	E 0.1	20.0	17.0	9.2	12.3	12.0	14.1	E -2.7	-4.4	19.8	17.5	E 20.8
19	E 0.0	19.5	18.5	9.1	13.8	11.6	14.5	E -2.5	-3.3	19.1	16.5	E 20.3
20	E 0.0	18.9	19.5	9.0	13.8	11.1	14.6	E -2.0	-2.5	18.6	14.9	E 19.8
21	E -0.1	18.4	20.3	9.0	13.2	10.4	14.0	-1.0	-1.1	18.0	12.8	18.2
22	0.0	17.9	21.0	9.2	12.9	9.2	13.1	-0.1	-0.7	17.0	11.4	17.6
23	0.1	17.9	E 21.1	9.6	13.0	8.6	12.2	0.0	-0.6	16.4	10.3	15.5
24	E 1.4	18.2	21.2	10.1	13.6	7.9	10.6	-0.3	-0.5	16.0	9.6	14.2
25	E 3.6	18.5	21.4	10.3	14.6	6.8	9.2	-0.6	E 0.9	15.5	9.4	13.0
26	5.3	18.8	21.6	10.3	15.7	5.5	7.8	-0.8	E 3.2	14.9	9.8	12.0
27	6.6	18.5	21.6	10.3	16.4	4.5	6.6	-1.4	5.0	14.5	10.3	11.3
28	7.8	18.1	20.9	10.3	16.9	3.3	5.5	-2.2	6.9	14.0	10.9	10.9
29	8.6		19.4	10.2	17.0	2.4	4.9	-2.6	8.9	14.0	12.7	10.8
30	9.1		17.7	9.9	16.7	2.0	4.2	-3.5	9.8	13.6	15.3	11.2
31	8.5		15.8		16.5		3.4	-3.5		13.3		11.9

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

MEAN	3.35	16.27	15.65	9.88	10.70	10.98	8.47	-0.74	-1.27	16.57	13.54	18.08
MAX.	9.1	21.0	21.6	14.1	17.0	16.5	14.6	2.9	9.8	21.6	18.3	22.0
MIN.	-0.1	4.4	7.6	8.1	6.0	2.0	1.9	-3.5	-4.5	10.7	9.4	10.8

E- ESTIMATED.

HIGHEST STAGE WAS 22.00 ON DEC. 15.

LOWEST STAGE WAS -4.50 ON SEP. 13.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 10.68 FEET ON JAN. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20.2	E 1.8	24.9	16.9	11.4	8.3	4.7	-3.6	2.3	-3.0	7.7	25.3
2	21.0	E 2.8	26.0	19.0	11.8	7.3	3.8	-3.2	1.9	-2.6	7.9	25.4
3	22.1	E 3.5	27.0	20.8	12.1	6.4	3.0	-2.4	0.9	-2.3	7.9	25.4
4	23.2	E 6.3	27.9	22.1	12.8	6.0	2.3	-1.3	1.4	-1.9	7.6	25.4
5	24.0	E 7.7	28.6	23.0	13.7	6.0	2.1	-0.4	0.4	-1.6	7.5	25.7
6	24.6	9.0	29.0	23.8	14.9	6.7	2.5	-0.3	-0.2	-1.1	8.2	26.0
7	24.8	10.7	29.4	24.0	15.9	7.8	2.8	-0.2	0.5	0.0	9.3	26.2
8	24.5	11.7	29.6	24.4	16.1	8.6	3.1	0.1	1.9	1.0	9.8	26.3
9	24.0	12.0	29.7	24.6	15.9	9.3	2.7	-0.7	0.5	1.3	10.1	26.3
10	22.9	11.4	29.8	24.8	15.2	9.6	2.1	-1.8	-1.0	1.1	10.9	26.3
11	22.0	11.0	30.0	25.0	14.1	9.7	1.8	-2.3	-1.8	0.7	11.1	26.1
12	21.3	10.8	30.0	25.0	13.0	10.1	1.5	-2.1	-2.5	0.4	11.9	26.1
13	20.4	11.5	29.8	24.6	11.2	10.5	2.0	-1.7	-3.0	-0.3	13.0	25.8
14	19.6	12.3	29.5	24.0	9.8	11.4	2.5	-1.0	-3.6	-0.5	13.9	25.4
15	18.0	13.4	29.0	23.4	8.9	12.1	2.5	-2.0	-4.2	-0.3	14.6	25.3
16	16.1	14.3	28.5	22.4	8.2	11.7	2.4	-2.8	-4.6	4.0	15.4	24.9
17	14.3	14.6	28.0	21.2	7.8	10.6	2.3	-2.8	-5.0	7.5	16.1	24.3
18	12.5	14.4	27.6	19.8	8.4	9.8	1.2	-2.0	-5.5	8.4	17.5	23.3
19	11.0	14.1	27.2	18.3	9.1	9.0	0.3	-0.5	-5.8	8.8	18.9	22.1
20	9.7	13.8	26.6	17.2	9.5	8.5	-0.1	1.8	-6.0	8.8	20.3	21.5
21	9.0	13.2	26.4	15.9	9.4	8.5	-0.5	2.8	-5.6	8.2	21.4	20.7
22	8.3	12.8	26.0	14.9	9.4	9.2	-0.7	3.3	-5.6	8.0	22.6	20.3
23	6.2	12.6	25.4	14.1	9.4	9.4	-1.5	3.8	-5.6	8.8	23.4	19.5
24	5.7	13.8	24.6	13.7	9.5	9.2	-2.6	3.7	-5.3	9.9	24.3	18.7
25	5.5	17.1	23.5	12.9	9.5	8.0	-3.4	3.0	-5.0	10.4	25.0	17.2
26	4.6	20.3	20.7	12.0	8.9	6.5	-3.6	2.9	-4.5	10.5	25.6	15.5
27	3.7	22.7	19.8	11.4	8.0	5.7	-3.8	3.8	-4.4	10.4	26.0	14.0
28	3.3	24.0	18.0	11.1	7.5	5.4	-4.0	3.5	-4.3	9.5	26.3	12.5
29	2.8		16.8	11.7	7.5	5.0	-4.2	3.3	-4.0	8.5	26.1	10.5
30	2.2		15.9	11.7	8.0	5.0	-4.1	3.7	-3.3	7.0	25.8	10.0
31	E 2.0		15.8		8.5		-4.0	3.3		6.8		9.0

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

MEAN	14.49	12.27	25.83	19.12	10.81	8.37	0.42	0.25	-2.70	4.07	16.19	21.64
MAX.	24.8	24.0	30.0	25.0	16.1	12.1	4.7	3.8	2.3	10.5	26.3	26.3
MIN.	2.0	1.8	15.8	11.1	7.5	5.0	-4.2	-3.6	-6.0	-3.0	7.5	9.0

E- ESTIMATED.

HIGHEST STAGE WAS 30.00 ON MAR. 12.

LOWEST STAGE WAS -6.00 ON SEP. 20.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 10.68 FEET ON JAN. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	E 10.2	9.4	19.0	27.7	28.8	24.0	15.9	6.9	-2.0	-3.4	6.8	14.0
2	E 10.5	9.4	18.7	28.1	29.2	23.1	15.8	6.8	-2.3	-4.2	7.7	15.7
3	E 10.7	8.8	18.8	28.7	29.6	22.2	15.5	6.3	-2.4	-5.0	8.9	16.3
4	E 11.0	8.0	19.0	28.8	29.7	21.7	15.4	6.1	-2.1	-5.1	11.8	16.4
5	10.8	7.0	20.0	29.0	29.8	21.2	15.2	5.0	-1.6	-4.6	13.8	16.2
6	10.2	6.1	20.8	29.2	29.9	20.8	15.4	4.5	-0.8	-4.5	15.0	15.7
7	9.1	6.1	21.6	29.4	30.3	20.3	16.2	4.2	-1.1	-4.0	15.8	14.4
8	7.9	6.6	22.3	29.6	30.7	19.3	16.7	4.1	-2.2	-3.6	16.2	13.4
9	7.0	6.9	22.7	29.8	31.0	17.8	16.8	4.2	-2.6	-3.6	15.9	11.8
10	6.7	6.9	23.0	30.0	31.6	16.4	16.8	3.5	-2.9	-3.6	15.3	10.3
11	6.0	6.8	23.0	30.1	32.1	15.0	16.9	3.0	-4.0	-3.7	14.3	9.3
12	6.0	6.6	22.7	30.2	32.8	13.5	17.0	2.7	-4.3	-4.0	13.4	8.2
13	6.4	6.6	22.1	30.2	33.6	12.6	17.1	2.5	-3.0	-4.5	12.8	7.4
14	6.6	6.8	21.1	30.0	34.0	12.6	16.7	2.4	-1.9	-4.5	12.8	6.8
15	6.3	8.8	19.4	29.9	34.4	13.2	15.6	2.7	-1.4	-4.7	13.2	6.7
16	5.7	10.5	17.3	29.8	34.7	13.8	15.0	3.1	-1.2	-4.7	13.5	7.8
17	5.0	12.8	15.2	29.7	34.8	14.4	14.7	4.4	-1.7	-4.5	13.3	9.3
18	4.4	15.0	14.4	29.4	34.8	14.5	14.2	5.0	-3.0	-4.0	12.8	10.3
19	4.0	16.8	15.6	28.9	34.8	14.6	13.6	5.0	-3.4	-3.7	12.5	11.4
20	3.6	18.0	17.2	28.2	34.8	14.8	12.8	5.1	-3.0	-3.3	11.3	12.6
21	3.3	18.8	18.8	27.3	34.6	14.8	11.9	4.9	-2.6	-2.0	10.8	13.4
22	2.9	19.6	20.6	26.0	34.3	14.8	11.2	4.2	-2.4	-0.4	12.0	14.0
23	2.9	20.4	22.0	24.8	33.9	15.2	11.0	3.0	-2.6	2.3	13.7	15.8
24	2.7	21.0	23.0	24.0	33.3	15.5	10.6	2.0	-3.5	4.9	15.0	17.7
25	2.4	21.4	24.0	24.0	32.4	15.8	9.8	1.3	-4.0	7.6	15.5	19.0
26	2.0	21.4	24.5	24.5	31.4	15.9	8.7	-0.1	-3.1	8.6	15.2	19.8
27	2.6	21.0	24.9	25.5	30.2	15.9	7.6	-1.0	-2.1	8.4	14.4	20.3
28	3.8	20.4	25.4	26.6	29.0	15.8	7.4	-1.2	-1.0	8.4	12.8	20.5
29	5.7	19.6	25.7	27.5	27.5	15.7	7.3	-1.6	-1.1	8.2	11.8	20.6
30	7.6		26.5	28.4	26.2	15.8	7.1	-1.9	-2.2	7.4	12.1	20.3
31	8.8		27.1		24.8		6.9	-1.9		6.9		20.2

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

MEAN	6.21	12.67	21.17	28.17	31.58	16.69	13.31	3.07	-2.38	-0.74	13.01	14.05
MAX.	11.0	21.4	27.1	30.2	34.8	24.0	17.1	6.9	-0.8	8.6	16.2	20.6
MIN.	2.0	6.1	14.4	24.0	24.8	12.6	6.9	-1.9	-4.3	-5.1	6.8	6.7

E- ESTIMATED.

HIGHEST STAGE WAS 34.80 ON MAY 20.
LOWEST STAGE WAS -5.10 ON OCT. 4.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 10.68 FEET ON JAN. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	28.4	9.8	12.4	15.8	28.4	34.3	10.2	4.3	-2.5	-4.6	5.0	17.8
2	29.0	9.5	12.1	16.1	28.2	34.0	9.8	3.1	-2.2	-4.3	3.2	19.0
3	29.4	9.6	11.8	16.8	28.5	33.7	9.6	2.5	-2.4	-4.0	1.8	20.5
4	29.7	9.8	11.3	17.6	29.4	33.1	10.0	2.0	-2.3	-3.7	1.0	21.1
5	29.7	10.5	10.6	18.3	E 30.3	32.4	11.4	1.8	-2.0	-3.6	-0.1	21.7
6	29.5	11.9	10.5	19.5	31.4	31.4	12.1	1.7	-2.5	-4.1	-0.5	22.7
7	29.2	13.5	10.5	20.7	32.5	30.0	12.4	1.4	-3.6	-4.3	-0.3	23.3
8	28.4	14.2	11.5	22.4	33.4	28.5	12.6	1.4	-4.4	-4.7	0.8	23.9
9	27.0	14.8	13.0	23.9	34.1	26.9	12.3	1.4	-5.3	-5.1	2.6	24.4
10	25.1	15.4	14.4	25.1	34.6	25.5	11.8	1.3	-4.4	-5.3	4.1	24.2
11	22.7	15.5	15.4	26.5	34.9	24.0	11.6	1.3	-3.5	-5.8	4.3	24.0
12	20.0	15.3	15.8	27.6	E 35.2	22.5	11.0	1.4	-3.5	-6.3	3.6	23.6
13	17.5	14.8	15.9	28.8	35.2	20.2	10.8	0.7	-4.3	-6.7	2.6	23.1
14	15.7	14.2	15.8	29.9	35.0	17.8	10.7	-0.3	-5.2	-6.7	2.4	22.8
15	14.0	13.6	15.5	30.7	35.0	15.8	10.2	-0.3	-5.3	-6.6	2.5	22.7
16	12.7	13.3	15.3	31.0	34.9	14.2	9.5	-0.4	-5.3	-6.2	3.3	22.7
17	11.8	13.1	14.8	31.4	34.7	13.1	8.8	-1.0	-4.5	-5.7	4.7	22.7
18	11.2	12.8	14.2	31.9	34.4	12.0	8.5	-1.0	-5.7	-6.1	5.5	22.6
19	10.6	12.5	13.5	32.0	34.4	11.4	7.7	-1.0	-7.2	-5.4	5.7	22.0
20	9.5	12.2	12.8	32.0	34.3	11.0	7.0	-1.2	-7.7	-4.5	5.6	21.3
21	8.8	11.8	12.2	31.9	34.2	11.2	6.8	-1.8	-7.0	-4.5	5.5	20.4
22	7.8	12.5	E 11.9	31.8	34.2	11.4	7.0	-2.2	-6.4	-4.3	6.4	19.3
23	7.0	12.8	E 12.4	31.7	34.2	11.7	7.0	-2.3	-6.4	-3.2	8.3	17.8
24	6.8	12.9	13.4	31.6	34.2	12.4	6.5	-2.5	-6.3	0.0	9.7	15.8
25	7.3	12.5	14.4	31.3	34.3	12.8	6.0	-2.5	-5.9	3.5	11.2	14.6
26	8.6	12.2	15.3	31.0	34.6	12.7	6.0	-2.6	-5.4	6.0	12.0	13.7
27	10.2	12.4	15.9	E 30.6	34.7	12.4	6.2	-2.4	-5.4	7.8	13.9	12.7
28	11.0	12.4	15.9	30.1	34.7	12.0	7.1	-2.3	-5.8	8.7	15.6	E 12.4
29	11.6		16.1	29.5	34.8	11.3	7.8	-2.6	-5.6	8.9	16.2	11.8
30	11.2		16.3	28.8	34.7	10.5	7.8	-2.8	-5.2	8.5	16.5	11.0
31	10.5		16.1		34.6		6.3	-3.0		7.3		10.5

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

MEAN	17.16	12.70	13.77	26.87	33.48	19.67	9.11	-0.25	-4.77	-2.09	5.77	19.55
MAX.	29.7	15.5	16.3	32.0	35.2	34.3	12.6	4.3	-2.0	8.9	16.5	24.4
MIN.	6.8	9.5	10.5	15.8	28.2	10.5	6.0	-3.0	-7.7	-6.7	-0.5	10.5

E- ESTIMATED.

HIGHEST STAGE WAS 35.20 ON MAY 13.
LOWEST STAGE WAS -7.70 ON SEP. 20.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 10.68 FEET ON JAN. 20, 1981.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.3	21.8	26.2	E 25.9	E 10.9	E 10.4	E 3.8	E 4.1	E 1.3	E -2.3	E -3.0	E 10.4
2	E 7.9	22.5	26.2	E 25.4	E 10.6	E 11.4	E 3.6	E 3.3	E 2.5	E -2.7	E -3.2	E 11.1
3	E 6.8	23.6	25.9	E 24.7	E 10.4	E 12.6	E 3.9	E 2.8	E 3.9	E -3.1	E -3.1	E 12.4
4	E 6.1	24.3	25.6	E 23.5	E 9.9	E 14.3	E 4.8	E 2.4	E 5.3	E -3.6	E -2.9	E 14.3
5	E 6.2	24.6	24.9	E 22.4	E 9.6	E 16.5	E 5.1	E 2.1	E 7.1	E -4.3	E -2.9	E 16.3
6	E 7.3	24.6	23.8	E 21.3	E 8.9	E 17.0	E 6.1	E 1.9	E 9.6	E -4.9	E -1.8	E 18.3
7	E 10.1	24.2	21.6	E 20.7	E 8.3	E 16.8	E 6.8	E 1.2	E 9.9	E -5.3	E -0.4	E 20.8
8	E 12.9	23.9	20.7	E 20.3	E 7.8	E 16.4	E 8.1	E 1.0	E 8.9	E -5.4	E 0.4	E 22.4
9	E 13.6	23.8	19.0	E 19.9	E 7.3	E 15.8	E 9.4	E 0.9	E 6.6	E -4.9	E 0.6	E 24.4
10	E 13.9	23.4	17.7	E 19.4	E 6.9	E 15.8	E 10.6	E 0.6	E 4.8	E -4.8	E 0.6	E 25.5
11	E 13.8	23.2	16.8	E 18.8	E 6.8	E 15.9	E 10.7	E 0.9	E 3.3	E -4.8	E 0.4	E 26.6
12	E 13.6	23.0	16.3	E 17.9	E 6.6	E 16.3	E 10.1	E 1.4	E 1.3	E -4.4	E -0.1	E 26.9
13	E 12.9	23.0	15.7	E 16.7	E 6.6	E 16.5	E 9.4	E 2.0	E 0.3	E -3.9	E -0.6	E 26.8
14	E 11.6	22.9	15.2	E 15.8	E 6.6	E 16.9	E 9.2	E 2.0	E -0.4	E -3.2	E -1.4	E 26.6
15	E 9.3	22.5	15.1	E 14.9	E 6.6	E 17.0	E 9.0	E 2.0	E -0.4	E -2.6	E -2.1	E 26.2
16	E 6.9	21.8	16.0	E 14.1	E 5.9	E 17.4	E 7.9	E 1.4	E -0.3	E -1.4	E -1.9	E 25.8
17	E 4.7	20.9	17.5	E 13.3	E 5.4	E 17.3	E 6.9	E 0.1	E 0.1	E -0.4	E -1.6	E 25.4
18	E 2.5	20.1	19.3	E 13.1	E 4.3	E 16.9	E 6.3	E -0.9	E 0.6	E -0.7	E -0.7	E 24.9
19	E 1.4	19.2	21.0	E 13.5	E 3.6	E 16.4	E 5.8	E 0.1	E 1.3	E -0.9	E 1.0	E 24.3
20	E 0.0	18.8	22.4	E 14.0	E 3.6	E 16.1	E 5.5	E 3.0	E 1.9	E -1.2	E 2.3	E 23.9
21	E -0.7	19.2	23.7	E 14.7	E 4.2	E 15.8	E 5.6	E 4.3	E 2.3	E -1.4	E 2.7	E 23.4
22	E -1.2	20.5	24.7	E 15.4	E 5.1	E 15.3	E 5.8	E 4.3	E 2.1	E -1.6	E 3.0	E 22.9
23	E -0.5	21.7	25.5	E 15.8	E 5.8	E 14.4	E 6.1	E 3.6	E 1.5	E -1.8	E 3.6	E 22.4
24	E 3.9	22.9	E 25.9	E 15.9	E 6.8	E 13.4	E 6.8	E 2.1	E 1.1	E -2.1	E 4.3	E 21.9
25	E 10.4	23.8	E 26.3	E 15.6	E 7.6	E 12.2	E 7.8	E 0.9	E 0.8	E -2.3	E 5.1	E 21.2
26	E 15.4	24.7	E 26.6	E 15.1	E 8.2	E 10.4	E 8.4	E -0.4	E 0.3	E -2.5	E 5.6	E 20.6
27	E 17.4	25.4	E 26.7	E 14.4	E 8.6	E 8.8	E 8.9	E -0.7	E -0.4	E -3.0	E 6.8	E 20.8
28	E 19.5	26.0	E 26.8	E 12.9	E 8.9	E 7.6	E 8.8	E -1.0	E -1.2	E -3.2	E 7.3	E 21.9
29	E 20.4		E 26.8	E 12.1	E 9.6	E 5.6	E 7.8	E -1.5	E -1.7	E -3.2	E 8.1	E 23.2
30	20.9		E 26.6	E 11.3	E 9.9	E 4.8	E 6.6	E -0.7	E -2.3	E -2.8	E 9.4	E 24.4
31	21.4		E 26.3		E 10.1		E 5.1	E 0.0		E -2.9		E 25.4

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

MEAN	9.60	22.72	22.35	17.28	7.45	14.05	7.11	1.38	2.33	-2.98	1.17	21.96
MAX.	21.4	26.0	26.8	25.9	10.9	17.4	10.7	4.3	9.9	-0.4	9.4	26.9
MIN.	-1.2	18.8	15.1	11.3	3.6	4.8	3.6	-1.5	-2.3	-5.4	-3.2	10.4

E- ESTIMATED.

HIGHEST STAGE WAS 26.85 ON DEC 12.

LOWEST STAGE WAS -5.44 ON OCT 8.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.6 FEET ON FEB. 6, 1977.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-8.7	-7.5	13.5	-2.8	13.4	18.4	15.6	14.1	-1.0	-4.4	1.4	-2.0
2	-8.9	-6.6	14.4	-1.7	12.1	17.7	15.3	15.3	-0.6	-3.8	2.9	-0.6
3	-8.9	E -5.5	15.0	0.2	10.7	17.4	14.7	16.1	0.3	-3.3	3.8	0.7
4	-8.7	-4.5	15.2	1.8	9.3	17.5	13.8	16.2	1.8	-3.1	4.0	1.8
5	-8.4	-2.2	15.2	3.3	8.0	17.7	13.1	15.5	3.9	-3.1	3.9	4.4
6	-8.0	1.0	15.2	3.3	7.7	18.4	13.0	14.2	5.3	-3.3	3.4	4.9
7	-8.2	3.7	14.8	2.3	7.8	19.1	13.0	12.7	6.6	-3.7	2.5	5.2
8	-8.4	5.6	14.6	1.8	8.2	19.6	13.3	11.1	7.2	-3.7	2.9	5.8
9	-8.9	6.9	13.8	3.1	8.6	20.6	14.0	9.8	7.5	-3.6	4.9	6.0
10	-9.8	6.5	12.9	4.5	8.5	21.2	14.7	9.1	7.5	-3.0	5.8	5.7
11	-9.9	5.6	12.0	5.8	8.1	21.6	15.4	9.0	7.1	-2.9	5.2	4.7
12	-9.9	4.1	11.2	6.1	7.1	21.6	15.6	8.5	6.0	-3.0	4.3	3.5
13	-9.8	2.6	10.7	6.0	6.8	21.0	15.2	8.2	4.8	-3.1	3.3	2.6
14	-9.9	1.9	9.8	5.3	7.4	20.7	13.8	8.1	3.4	-2.8	2.5	1.6
15	-9.9	1.5	8.3	4.4	7.9	20.7	12.3	7.3	2.7	-2.7	1.7	0.8
16	-9.8	1.5	6.5	4.6	8.6	20.7	10.7	6.1	1.9	-2.7	0.9	0.5
17	-9.9	1.6	4.9	5.4	9.4	20.7	9.2	5.3	1.6	-2.7	0.2	0.2
18	-10.0	2.1	3.2	7.3	10.1	20.7	8.0	4.9	0.9	-2.4	E -1.1	-0.1
19	-10.5	2.9	1.5	9.8	10.8	20.7	7.6	4.6	0.4	-2.2	-2.0	-0.7
20	-10.7	3.0	E 0.4	12.0	12.3	20.6	7.5	4.3	0.2	-2.0	-2.6	-0.8
21	-10.6	2.8	-0.8	13.3	15.6	20.2	7.5	3.9	-0.2	-1.4	-3.2	-0.8
22	-10.4	3.7	-1.0	14.0	18.4	20.0	7.5	3.8	-1.0	-0.3	-3.6	-1.4
23	-10.2	6.5	-1.2	14.5	20.5	19.8	8.2	3.9	-1.4	0.1	-3.6	-2.0
24	-10.1	8.6	-1.4	14.9	21.7	19.3	9.6	3.5	-2.1	E 0.1	-3.5	-2.2
25	-10.1	10.4	-1.6	15.4	22.7	18.6	10.8	2.3	-2.7	0.2	-3.1	-1.0
26	-9.9	11.3	-2.1	16.0	23.0	18.0	11.4	1.4	-3.0	0.5	-2.3	E 1.3
27	-9.9	11.8	-3.0	15.8	22.8	17.5	11.8	1.1	-3.7	0.2	-1.8	4.4
28	-9.6	12.3	-4.2	15.5	22.4	16.7	12.2	0.8	-4.3	-0.1	-1.6	6.2
29	-8.8		-4.7	14.9	21.8	15.8	12.5	0.5	-4.7	-0.2	-2.1	7.2
30	-8.2		-4.7	14.5	20.9	15.3	12.8	-0.1	-4.8	0.2	-2.2	8.1
31	-8.0		-3.6		19.7		13.3	-0.8		0.7		9.0

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

MEAN	-9.44	3.27	5.96	7.70	13.29	19.26	12.04	7.11	1.32	-1.97	0.69	2.35
MAX.	-8.0	12.3	15.2	16.0	23.0	21.6	15.6	16.2	7.5	0.7	5.8	9.0
MIN.	-10.7	-7.5	-4.7	-2.8	6.8	15.3	7.5	-0.8	-4.8	-4.4	-3.6	-2.2

E- ESTIMATED.

HIGHEST STAGE WAS 23.00 ON MAY 26.

LOWEST STAGE WAS -10.68 ON JAN. 20.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.6 FEET ON FEB. 6, 1977.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.2	10.6	11.8	28.4	13.4	10.2	5.1	-0.8	5.3	0.5	-2.1	0.8
2	16.6	9.2	12.3	28.7	11.5	9.2	5.8	-1.2	2.9	0.6	-2.5	1.2
3	16.6	7.9	12.3	28.9	10.3	7.0	6.2	-0.4	0.8	0.1	-2.6	1.3
4	16.3	6.7	11.4	29.1	9.7	5.8	6.2	0.7	0.4	0.5	-2.3	1.5
5	15.9	5.9	9.8	29.2	9.4	4.5	6.2	1.1	0.7	0.1	-2.0	0.8
6	14.0	5.2	8.3	29.2	9.6	4.9	6.3	0.5	0.3	-0.2	-2.5	-0.6
7	13.4	4.3	7.2	29.1	9.8	7.7	7.2	0.5	1.5	-0.5	-2.9	-1.6
8	11.9	3.4	6.7	29.0	9.8	10.5	7.3	-1.1	2.1	-1.2	-2.7	-2.4
9	10.5	1.8	7.1	28.4	9.4	12.7	6.5	-1.2	2.8	-1.2	-3.3	-2.2
10	9.4	1.0	8.7	27.7	8.5	14.4	5.6	0.3	3.6	-1.1	-3.6	-1.8
11	8.8	0.7	11.8	27.0	7.2	15.0	4.5	0.7	4.2	-1.3	-4.0	-1.8
12	8.5	0.7	13.5	26.1	5.3	15.0	3.4	1.2	4.1	-1.5	-4.4	-2.2
13	8.5	1.3	15.4	25.7	4.0	14.4	3.1	1.5	3.1	-2.6	-5.0	-1.3
14	8.4	1.7	16.6	25.4	2.8	13.7	3.6	1.3	2.0	-4.3	-5.1	1.3
15	8.9	1.4	17.2	25.1	2.0	13.2	4.2	0.7	1.2	-5.0	-5.5	4.4
16	10.3	1.2	17.5	24.5	1.7	12.9	5.2	0.5	0.3	-5.2	-5.9	5.4
17	11.3	1.7	17.7	24.4	1.7	12.2	6.0	1.9	0.1	-6.0	-5.6	4.9
18	12.1	2.4	17.9	24.3	2.2	11.8	6.2	3.2	-0.2	-6.1	-5.3	4.1
19	12.6	3.5	18.2	24.8	3.3	11.2	6.1	5.2	0.3	-5.7	-4.7	2.2
20	12.6	4.3	19.2	24.9	5.4	10.9	5.3	6.5	0.6	-6.1	-4.1	0.6
21	12.4	5.0	20.1	25.0	8.5	10.6	4.0	7.1	0.6	-6.3	-3.5	-0.7
22	11.9	5.9	21.0	24.9	10.8	10.1	1.2	7.1	0.7	-4.3	-2.6	-2.1
23	12.3	6.9	22.0	24.6	12.4	9.9	-1.0	7.3	0.7	-3.4	-1.7	-3.3
24	12.6	7.3	23.5	24.2	12.7	9.8	-2.2	8.5	0.6	-4.6	-1.0	-3.6
25	12.9	7.4	24.3	24.0	12.2	9.4	-3.0	8.9	1.1	-5.3	-1.5	-4.2
26	13.1	7.2	25.3	23.2	12.1	8.5	-2.8	9.6	1.5	-5.3	-2.3	-5.8
27	13.3	7.7	26.0	22.4	12.3	7.8	-0.8	9.9	0.8	-5.1	-3.0	-7.3
28	13.2	9.1	26.7	20.5	12.6	7.2	0.7	9.9	0.7	-5.2	-2.2	-7.5
29	12.6	10.8	27.3	18.3	12.7	6.6	1.4	9.6	0.5	-5.0	-0.8	-7.4
30	11.9		27.9	15.7	12.5	5.6	1.8	8.8	0.4	-3.6	0.2	-7.6
31	11.3		28.2		11.4		1.3	7.7		-2.4		-8.2

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

MEAN	12.27	4.90	17.19	25.42	8.62	10.09	3.57	3.73	1.46	-3.12	-3.15	-1.39
MAX.	16.6	10.8	28.2	29.2	13.4	15.0	7.3	9.9	5.3	0.6	0.2	5.4
MIN.	8.4	0.7	6.7	15.7	1.7	4.5	-3.0	-1.2	-0.2	-6.3	-5.9	-8.2

HIGHEST STAGE WAS 29.20 ON APR. 5 AND 6.
LOWEST STAGE WAS -8.20 ON DEC. 31.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.6 FEET ON FEB. 6, 1977.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.
DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.8	21.6	23.5	27.6	30.2	15.6	10.5	14.7	13.6	15.7	3.7	20.1
2	12.6	21.3	24.5	28.2	29.1	16.2	9.8	15.3	14.1	15.1	3.8	20.7
3	13.2	20.9	25.6	28.8	27.6	16.8	8.3	15.6	14.3	14.2	3.2	21.1
4	14.5	19.8	26.8	29.4	26.7	17.3	7.3	15.7	14.3	13.7	3.6	21.3
5	16.0	18.1	27.4	30.0	25.5	17.4	7.2	15.7	14.1	13.3	5.6	21.5
6	17.1	15.8	28.2	30.5	24.9	17.0	7.3	15.5	13.9	13.2	7.2	21.2
7	18.2	13.3	29.2	30.9	24.9	16.5	7.3	14.9	13.1	12.9	8.0	20.8
8	18.8	10.9	30.2	31.4	25.1	15.6	7.1	13.9	11.9	12.8	9.2	19.7
9	19.3	8.8	31.2	31.8	25.3	14.7	7.3	12.8	10.8	11.7	10.3	18.1
10	19.8	7.3	32.3	32.2	25.4	13.9	7.8	12.3	9.9	11.1	11.2	15.6
11	20.2	6.6	33.2	32.2	25.4	13.5	8.2	11.5	9.1	10.5	11.3	13.6
12	20.5	5.1	33.4	32.3	25.5	13.5	8.3	10.8	8.5	9.8	11.2	12.0
13	20.4	4.8	33.7	32.4	25.4	13.8	7.8	10.6	7.8	9.0	11.6	11.1
14	20.4	4.2	33.7	32.6	25.0	14.0	8.1	10.3	7.6	8.4	12.0	10.5
15	20.2	3.9	33.4	32.7	24.3	13.9	8.4	10.1	7.2	7.8	12.4	10.3
16	19.7	3.4	33.3	33.1	23.3	13.5	8.6	10.2	7.0	8.0	12.7	10.9
17	18.9	3.2	33.1	33.7	22.2	12.8	8.8	10.5	8.3	8.8	12.6	11.8
18	17.6	3.4	32.8	34.0	21.1	12.2	9.1	10.2	11.2	9.2	12.4	13.1
19	16.5	3.8	32.6	34.5	20.3	11.1	9.2	9.7	13.5	9.3	12.2	14.1
20	15.0	4.8	32.4	34.8	19.5	9.8	9.2	8.3	14.8	9.3	11.7	14.6
21	14.3	6.2	32.2	35.0	19.0	9.0	9.1	6.7	15.4	8.9	11.0	14.4
22	14.3	7.6	31.7	35.0	18.3	8.1	9.0	4.7	15.0	8.3	10.7	13.6
23	15.0	9.2	31.4	34.8	17.7	7.8	8.8	3.9	14.1	7.3	10.3	12.3
24	16.5	11.2	30.8	34.8	16.7	8.2	8.4	4.8	13.5	6.2	10.0	11.0
25	17.4	14.0	30.3	34.4	15.6	8.8	8.0	6.7	13.7	5.1	9.7	9.9
26	18.5	17.4	29.6	33.8	14.8	9.3	7.9	8.9	14.6	4.1	10.6	9.6
27	19.6	20.2	29.1	33.2	14.2	10.3	8.3	10.2	15.5	3.4	12.7	10.4
28	20.4	22.2	28.6	32.6	13.5	10.8	8.8	11.3	16.0	3.1	15.6	11.8
29	20.9		28.1	31.9	14.0	11.1	9.3	11.9	16.1	2.7	17.8	14.0
30	21.3		27.7	31.2	14.6	11.1	11.1	12.4	15.9	2.6	19.3	15.3
31	21.5		27.6		15.0		13.2	13.0		2.8		15.8

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

MEAN	17.79	11.04	30.25	32.33	21.62	12.79	8.63	11.07	12.49	8.98	10.45	14.85
MAX.	21.5	22.2	33.7	35.0	30.2	17.4	13.2	15.7	16.1	15.7	19.3	21.5
MIN.	12.6	3.2	23.5	27.6	13.5	7.8	7.1	3.9	7.0	2.6	3.2	9.6

HIGHEST STAGE WAS 35.00 ON APR 21 AND 22.
LOWEST STAGE WAS 2.60 ON OCT 30.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION, LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE. ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.6 FEET ON FEB. 6, 1977.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.3	16.7	0.2	30.9	17.8	18.0	6.4	7.1	0.7	3.8	-1.7	6.8
2	13.4	18.0	0.4	31.0	17.4	17.2	6.3	6.9	1.3	3.4	-1.3	7.8
3	12.7	18.8	1.3	30.9	17.3	16.0	6.8	6.9	1.8	2.1	-1.2	8.6
4	11.9	19.2	1.5	30.8	17.4	14.5	7.8	7.4	2.6	0.7	-2.8	9.3
5	11.0	19.2	2.0	30.6	17.8	12.8	8.4	8.0	3.7	-0.2	-3.8	9.3
6	9.8	19.0	2.4	30.2	18.0	11.6	8.8	8.0	4.8	-0.8	-4.4	10.1
7	8.9	18.6	2.7	29.7	17.7	10.7	9.0	7.8	5.0	-1.4	-5.1	12.5
8	8.6	17.5	3.2	29.0	17.0	10.3	9.0	7.1	4.4	-2.1	-5.6	14.7
9	8.6	15.3	4.1	28.0	16.0	9.8	8.9	6.5	2.5	-2.3	-5.8	16.5
10	8.5	12.8	5.8	26.7	16.3	9.3	9.0	6.1	1.2	-2.7	-5.4	17.8
11	8.5	9.5	7.3	25.2	17.7	8.9	9.2	5.8	0.2	-3.3	-5.3	19.2
12	9.8	8.0	8.1	23.3	19.4	8.7	9.9	5.9	-0.2	-3.6	-5.3	20.5
13	12.2	6.0	9.4	21.7	21.1	8.7	9.7	6.1	-0.6	-3.9	-5.7	21.5
14	13.8	5.0	11.6	20.4	22.2	8.8	9.4	6.1	-0.6	-3.9	-6.0	22.1
15	15.0	4.5	13.8	19.6	23.1	8.9	9.5	5.7	-0.8	-3.8	-6.0	22.5
16	15.5	4.2	16.3	19.4	23.6	8.8	9.5	5.3	-1.0	-2.9	-6.0	22.8
17	16.0	4.1	19.0	19.4	23.9	7.9	9.2	5.0	-0.4	-1.8	-5.6	23.0
18	15.7	4.0	21.1	19.4	24.3	6.7	9.2	4.9	-0.4	-1.2	-5.2	23.1
19	14.4	4.0	22.8	19.4	24.5	5.4	9.7	4.7	-1.6	-0.5	-3.6	23.2
20	13.0	3.7	24.2	19.3	24.7	4.3	10.3	3.9	-2.1	0.2	-1.2	23.3
21	11.3	3.5	25.2	18.9	24.7	3.6	10.7	2.8	-1.3	0.1	1.0	23.2
22	10.0	3.3	26.0	18.4	24.6	3.6	10.7	2.2	0.5	-0.6	2.6	23.0
23	9.0	3.0	26.9	17.9	24.3	3.9	10.0	1.8	2.1	-1.3	3.9	22.6
24	8.2	2.8	27.5	17.7	23.9	4.3	8.6	1.3	3.6	-2.0	4.6	21.9
25	8.3	2.4	28.2	17.8	23.2	4.8	6.9	0.7	5.1	-2.8	4.3	20.7
26	8.7	2.0	28.7	18.1	22.3	5.2	6.3	-0.1	5.2	-3.5	3.0	19.3
27	9.2	1.0	29.2	18.3	21.5	5.6	5.8	-0.3	4.8	-4.0	2.2	17.8
28	9.5	0.3	29.8	18.4	20.8	6.0	6.0	-0.4	4.6	-4.7	2.8	16.7
29	11.2		30.2	18.3	20.3	6.3	6.5	-0.2	4.2	-5.0	4.6	15.5
30	12.5		30.5	18.0	19.6	6.4	7.4	0.0	3.9	-4.2	5.9	14.5
31	14.7		30.8		18.8		7.5	0.4		-2.8		13.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	11.42	8.79	15.80	22.88	20.67	8.56	8.45	4.29	1.77	-1.78	-1.74	17.52
MAX.	16.0	19.2	30.8	31.0	24.7	18.0	10.7	8.0	5.2	3.8	5.9	23.3
MIN.	8.2	0.3	0.2	17.7	16.0	3.6	5.8	-0.4	-2.1	-5.0	-6.0	6.8

HIGHEST STAGE WAS 31.0 ON APR. 2.
LOWEST STAGE WAS MINUS 6.0 ON NOV. 14, 15, AND 16.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT; 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. LOW WATER REFERENCE PLANE, MINUS 5.0 FEET ON GAGE, ON SEP. 6, 1939, THE GAGE WAS COMBINED WITH L; W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY;

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964 AND SEPT. 20, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO: 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-4.3	-6.9	6.3	16.0	7.0	-4.2	4.9	-1.9	0.4	6.1	11.2	14.3
2	-4.5	-7.2	9.4	16.8	7.2	-4.5	5.6	-2.2	-0.8	6.1	10.6	14.9
3	-5.5	-8.0	11.5	17.0	6.9	-4.7	5.9	-3.1	-1.8	6.2	9.8	15.7
4	-5.7	-8.9	13.1	16.8	6.7	-5.3	5.5	-4.7	-1.7	6.3	9.1	16.9
5	-5.7	-9.5	14.0	16.2	6.7	-5.7	4.6	-6.2	-1.5	7.2	8.7	18.4
6	-5.8	-9.6	14.7	15.7	7.1	-5.8	4.3	-6.8	-1.5	9.1	9.8	19.5
7	-5.8	-9.2	16.4	16.2	7.2	-6.0	4.3	-7.1	-1.5	10.1	11.8	20.5
8	-5.5	-8.7	17.5	17.4	6.9	-6.0	3.6	-7.4	-0.5	10.7	13.3	21.4
9	-5.3	-8.7	18.2	18.9	6.6	-5.6	2.6	-8.2	1.2	11.0	14.0	22.1
10	-4.9	-9.2	18.7	20.1	7.3	-5.5	1.8	-8.6	2.6	11.0	14.1	22.1
11	-4.5	-9.3	18.9	21.1	9.1	-5.6	1.3	-8.1	3.4	10.9	14.0	22.1
12	-4.5	-9.4	19.3	21.6	10.5	-5.4	0.9	-5.5	3.6	11.2	13.9	22.1
13	-4.7	-8.6	19.2	22.0	11.3	-5.6	0.5	-2.4	3.3	11.8	14.0	22.1
14	-5.1	-8.4	19.1	22.1	11.3	-5.6	0.5	0.7	2.8	12.5	14.3	22.1
15	-5.2	-7.5	19.5	22.0	10.7	-4.9	0.8	2.6	2.2	12.6	14.5	21.8
16	-4.9	-5.8	20.0	21.8	9.3	-3.7	0.6	3.6	1.5	12.4	15.0	21.2
17	-4.0	-3.8	20.1	21.4	7.6	-3.0	0.1	4.4	1.0	12.0	15.0	20.5
18	-4.1	-0.7	20.2	20.5	5.8	-3.2	0.0	5.3	2.2	11.5	14.5	19.7
19	-4.2	1.4	19.9	19.0	4.3	-4.7	0.4	6.7	5.2	10.4	13.6	19.1
20	-4.6	2.7	19.6	16.8	2.8	-6.6	0.6	7.6	8.0	9.0	12.8	18.6
21	-5.2	3.1	19.1	13.6	2.0	-7.4	-0.2	7.9	9.0	7.8	12.2	18.3
22	-5.8	2.3	18.5	10.3	1.0	-6.5	-1.8	7.5	9.1	6.7	12.2	18.3
23	-6.3	1.1	17.5	7.2	0.3	-5.5	-3.5	6.6	8.7	5.8	12.3	18.6
24	-6.3	0.2	16.0	5.5	-0.4	-4.7	-3.4	5.3	8.3	5.3	12.9	18.8
25	-5.4	0.0	15.0	4.5	-1.1	-5.0	-2.2	4.1	8.1	5.3	13.8	18.6
26	-3.8	0.2	14.1	4.6	-2.1	-5.0	-1.7	2.5	8.0	5.4	14.4	18.2
27	-3.9	1.3	13.5	5.5	-2.6	-2.6	-1.5	1.2	7.5	4.9	14.4	17.8
28	-4.3	3.4	12.8	6.3	-2.4	-0.1	-1.8	0.8	7.0	4.9	14.1	17.3
29	-4.7		12.2	6.5	-2.2	1.8	-1.7	1.3	6.6	6.0	13.8	16.8
30	-5.1		13.4	6.8	-2.5	3.3	-1.6	1.2	6.3	9.2	13.9	16.2
31	-6.0		15.0		-3.0		-1.9	0.9		11.2		15.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-5.02	-4.42	16.20	15.00	4.49	-4.44	0.88	-0.07	3.55	8.72	12.92	19.01
MAX.	-3.8	3.4	20.2	22.1	11.3	3.3	5.9	7.9	9.1	12.6	15.0	22.1
MIN.	-6.3	-9.6	6.3	4.5	-3.0	-7.4	-3.5	-8.6	-1.8	4.9	8.7	14.3

HIGHEST STAGE WAS 22.15 ON APR. 14.
LOWEST STAGE WAS MINUS 9.60 ON FEB. 6.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION: LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE, STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION, AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE, STAGE, JULY 1928 TO DATE, PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES: HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, N.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.4	14.0	23.0	17.8	11.2	2:9	5:3	1.2	-5.0	-6:0	1.6	-6.2
2	14.8	14.6	22:9	18.3	12.2	4:1	5:1	0.0	-5.4	-3.9	2.4	-5.1
3	15.7	15.1	22:8	18.6	12.9	5:4	5:1	-0.7	-6.1	-3.3	3.3	-3.9
4	16.4	15.5	22:6	18.8	13.2	7:0	5:1	-0.8	-6.1	-4.0	3.8	-3.7
5	16.9	15.4	22:1	18.9	13.0	8:3	5:7	-0.2	-5.7	-4.7	3.9	-3.7
6	17.6	15.2	21:2	18.9	12.6	9:2	6.8	0.2	-6.8	-4.6	3.8	-3.7
7	18.4	14.5	20:3	18.7	12.0	9:6	7:7	0.1	-7.8	-4.1	3.8	-4.0
8	19.2	13.5	19:6	18.4	11.3	9:6	7:6	-0.7	-8.2	-4.1	3.7	-4.7
9	19.7	12.1	19:6	17.8	10.4	9:3	6:8	-2.7	-8.4	-5.3	3.2	-5.4
10	20.0	10.2	19:6	17.0	9.6	8:6	6:2	-4.1	-9.0	-6:2	2.2	-5.5
11	20.2	8.9	19:7	16.2	9.0	7:3	5:1	-4.1	-8.6	-6.7	0.9	-4.3
12	20.2	8.0	19:7	15.0	8.6	5:3	4:7	-3.6	-8.7	-6:8	-0.7	-2.4
13	20.0	7.5	19:4	13.5	8.4	3:6	4:2	-3.7	-8.4	-5:7	-2.0	-0.5
14	19.2	7.2	18:5	12.4	7.5	2:3	3:8	-4.0	-8.7	-4:1	-3.1	1.0
15	17.9	7.0	17:7	11.5	6.5	1:2	3:4	-3.9	-8.0	-1:6	-3.4	2.6
16	16.8	6.7	17:2	10.4	5.9	-0:2	2.4	-4.8	-8.2	1.1	-3.8	3.2
17	14.7	6.7	16:8	9.4	6.5	-0:8	2:2	-5.8	-8.6	3:2	-4.4	3.1
18	13.4	7.8	16:5	8.5	7.0	-0:5	2.9	-4.8	-8.5	4:7	-4.8	2.1
19	13.0	10.0	16:3	8.0	7.0	0:2	3:4	-4.2	-8.6	5:1	-5.1	1.2
20	13.2	13.0	16:1	7.4	7.8	0:4	3.0	-3.2	-9.5	4.4	-5.3	0.5
21	13.5	16.1	15:9	7.0	8.6	0:7	1:6	-2.3	-9.4	2.5	-5.7	0.0
22	13.4	18.0	15:5	6.5	9.4	1:1	0:6	-3.0	-8.4	-0:3	-6.1	-0.6
23	12.9	19.4	15:1	6.2	10.0	2:1	0:2	-3.7	-8.0	-2.6	-5.8	-1.6
24	11.2	20.6	14:8	6.0	9.7	3:2	-0:8	-4.1	-8.8	-3.8	-5.9	-2.3
25	9.8	21.5	15:0	6.6	8.5	3:8	-1:8	-5.8	-8.9	-4:3	-6.8	-2.6
26	8.7	22.4	15.4	7.8	7.0	4:5	-1:8	-6.8	-9.1	-4:0	-7.1	-3.1
27	8.0	22.8	15:9	9.0	5.7	5:2	-1:0	-7.0	-9.2	-3:5	-6.7	-3.5
28	8.2	23.0	16:3	9.7	4.5	5:8	-0:2	-7.0	-8.7	-1:9	-6.7	-4.0
29	9.3	23.0	16:8	10.0	3.7	5:8	0:1	-6.5	-9.0	-0:1	-6.0	-4.5
30	11.1		17:5	10.6	2.5	5:6	0:7	-6.0	-8.1	0:7	-5.7	-5.1
31	12.9		17:6		2.1		1:3	-5.7		1.0		-5.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	14.82	14.12	18.29	12.49	8.52	4:34	3:07	-3.48	-8.06	-2:23	-2.09	-2.32
MAX.	20.2	23.0	23:0	18.9	13.2	9:6	7:7	1.2	-5.0	5:1	3.9	3.2
MIN.	8.0	6.7	14:8	6.0	2.1	-0:8	-1:8	-7.0	-9.5	-6.8	-7.1	-6.2

HIGHEST STAGE WAS 23:0 FROM FEB. 28 TO MAR. 1.
LOWEST STAGE WAS MINUS 9.5 ON SEP. 20.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION: LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES: HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.0	17.2	25.5	34.7	25.2	14:1	11.0	2.6	1.0	9.8	7.5	5.3
2	15.1	17.3	26.0	35.2	26.1	13:8	11.4	1.8	2.2	10.1	6.2	5.9
3	16.3	18.3	26.5	35.7	26.8	13:1	11.7	0.7	2.9	9.4	5.2	6.5
4	17.1	20.0	26.7	36.0	27.3	12:6	11.7	0.7	3.5	7.8	4.3	7.8
5	17.8	21.4	26.7	36.3	27.6	12:6	11.1	1.3	4.2	5.8	3.2	10.0
6	18.4	22.2	26.7	36.6	27.7	13:0	10.1	1.6	5.2	3.5	2.6	11.6
7	18.7	22.7	26.7	36.6	27.8	13:2	9.5	1.0	6.0	2.2	2.2	12.5
8	18.8	23.0	26.6	36.4	27.8	13:2	9.6	0.5	5.9	1.9	2.0	12.6
9	18.7	23.2	26.3	36.2	27.9	12:9	10.1	0.5	4.5	1.4	1.7	12.1
10	18.6	23.3	26.0	35.9	27.8	12:4	10.6	0.8	3.1	0.5	2.0	11.0
11	18.5	23.6	25.6	35.4	27.6	12:0	10.1	1.2	2.4	0.7	2.6	10.0
12	18.2	23.7	25.4	34.7	27.5	11:8	9.2	1.2	2.2	1.5	2.8	9.5
13	17.8	23.7	25.5	33.8	27.4	12:0	8.8	0.5	2.1	2.0	3.1	9.1
14	20.2	23.6	25.2	32.8	27.2	12:2	8.6	-0.3	1.9	2.2	3.4	8.7
15	21.4	23.3	25.2	31.5	26.8	12:1	8.2	-1.1	1.9	2.7	3.7	8.3
16	22.2	23.1	26.2	30.1	26.3	11:8	7.4	-1.5	2.0	3.0	3.9	7.8
17	22.7	22.8	27.3	27.9	25.3	11:4	6.4	-1.5	2.3	3.1	4.9	7.6
18	23.0	22.1	28.4	24.8	24.0	11:4	5.8	-1.1	3.3	2.9	6.7	7.7
19	22.9	21.2	29.5	21.7	22.6	11:7	5.5	0.0	3.6	2.7	8.6	8.8
20	22.4	20.5	30.4	19.2	21.3	11:9	5.1	1.0	3.0	4.2	10.0	10.3
21	21.8	20.0	31.0	17.7	20.4	12:3	5.1	1.6	2.4	7.6	10.4	11.5
22	21.0	19.5	31.6	16.8	19.9	12:6	5.2	2.2	2.4	10.7	10.0	12.2
23	20.1	19.3	32.2	16.3	19.4	12:7	5.2	2.5	2.6	12.7	8.8	12.2
24	19.3	19.6	32.5	16.0	19.0	12:5	5.3	1.5	3.5	13.8	7.5	11.8
25	18.7	20.3	32.7	16.1	18.6	12:2	5.8	0.0	4.7	14.0	6.3	11.3
26	18.5	22.1	32.8	16.8	18.1	11:7	5.9	-0.9	5.8	13.8	5.4	10.8
27	18.4	23.5	32.8	18.9	17.2	11:2	5.5	-1.6	6.4	13.5	5.0	10.0
28	18.3	24.7	33.2	21.1	16.1	10:7	5.0	-2.3	6.6	12.7	5.0	9.2
29	18.3		33.6	22.8	14.9	10:1	4.7	-2.0	7.3	11.6	4.8	8.8
30	18.0		33.8	24.1	14.5	10:3	4.0	-0.6	8.6	10.2	4.5	9.5
31	17.5		34.1		14.3		3.2	0.2		8.8		11.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	19.11	21.60	28.79	27.93	23.23	12:17	7.63	0.33	3.77	6.66	5.13	9.72
MAX.	23.0	24.7	34.1	36.6	27.9	14:1	11.7	2.6	8.6	14.0	10.4	12.6
MIN.	14.0	17.2	25.2	16.0	14.3	10:1	3.2	-2.3	1.0	0.5	1.7	5.3

HIGHEST STAGE WAS 36.60 ON APR. 6 TO 7.
LOWEST STAGE WAS MINUS 2.30 AT 800 A.M., AUG. 28.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN;

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L.; (1929=58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22.3	32.3	23.3	23.7	16.1	23.7	18.8	1.2	3.6	0.5	-2.3	9.1
2	23.2	32.5	23.0	22.7	15.6	23.5	19.2	1.3	5.4	1.4	-2.4	8.8
3	23.6	32.7	22.4	21.4	15.0	23.2	19.4	1.4	6.1	2.1	-2.5	8.5
4	23.8	32.8	21.6	20.1	14.4	23.5	19.2	1.2	6.6	2.6	-2.3	8.1
5	23.9	32.8	20.7	19.4	14.0	24.1	19.0	1.1	7.4	2.6	-1.7	8.1
6	24.0	32.8	19.5	19.5	13.7	24.7	18.6	0.8	9.0	2.6	-1.2	8.6
7	24.2	32.7	18.6	20.2	13.9	25.5	18.0	-0.1	9.8	2.1	0.6	9.6
8	24.5	32.6	17.8	21.0	14.3	26.0	17.2	-0.1	9.9	0.7	3.7	10.5
9	24.7	32.5	17.6	21.6	14.6	26.3	16.3	-0.2	10.4	0.2	7.0	11.2
10	25.2	32.1	18.1	22.2	14.5	26.6	15.5	-0.2	10.9	-0.1	9.0	11.5
11	25.8	31.6	19.1	22.8	14.5	26.9	14.8	0.3	10.7	-0.8	9.6	11.3
12	25.2	31.0	20.0	23.4	14.2	27.2	13.8	0.6	10.2	-1.7	9.0	11.4
13	26.7	30.1	20.9	23.9	13.7	27.6	12.5	1.3	9.3	-1.6	8.1	12.0
14	27.1	29.0	21.6	24.3	13.3	27.6	11.2	2.8	8.1	-1.8	7.7	12.4
15	27.5	27.9	22.1	24.6	12.9	27.6	10.1	3.9	7.3	-2.3	8.0	12.7
16	27.9	26.3	22.7	24.8	12.9	27.2	9.2	5.1	7.3	-2.4	8.5	13.0
17	28.3	23.3	24.2	25.1	13.9	26.8	7.8	6.0	7.8	-2.0	8.6	13.2
18	28.9	23.9	21.9	25.1	14.9	26.0	6.6	5.7	8.1	-1.5	8.7	13.4
19	29.4	24.5	20.6	24.9	15.2	25.2	5.9	4.4	8.1	-0.5	8.8	13.3
20	29.8	25.0	19.7	24.6	18.1	24.0	5.6	3.3	7.7	0.4	8.7	12.8
21	30.1	25.3	19.2	23.9	19.4	22.5	5.5	3.0	6.9	1.1	8.5	12.4
22	30.4	25.8	19.6	23.6	20.2	20.9	5.1	2.9	5.9	1.1	8.5	12.3
23	30.6	25.9	20.3	22.7	20.7	19.3	4.6	2.3	4.6	1.0	8.4	12.2
24	30.9	21.3	26.0	21.7	21.3	18.1	4.1	1.7	3.1	0.9	8.1	12.0
25	31.8	22.1	25.7	21.0	21.9	17.1	3.4	1.0	2.7	0.5	8.0	11.5
26	31.6	22.7	25.6	20.0	22.5	16.6	2.7	0.8	2.1	-0.6	8.1	11.3
27	31.8	23.1	25.2	19.1	23.1	16.7	2.3	0.7	2.5	-1.3	8.4	11.2
28	31.9	23.3	25.1	18.3	23.4	17.1	1.8	0.5	2.7	-1.9	9.0	11.2
29	32.0		24.9	17.6	23.4	17.6	1.6	0.4	2.5	-2.0	9.5	11.7
30	32.0		24.7	16.8	23.4	18.2	1.4	0.4	1.1	-1.8	9.4	12.3
31	32.0		24.3		23.5		1.2	1.4		-2.0		13.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	27.75	28.13	21.80	21.99	17.17	23.23	10.07	1.76	6.58	-0.15	5.98	11.31
MAX.	32.0	32.8	26.0	25.1	23.5	27.6	19.4	6.0	10.9	2.6	9.6	13.4
MIN.	22.3	21.3	17.6	16.8	12.9	16.6	1.2	-0.2	1.1	-2.4	-2.5	8.1

HIGHEST STAGE WAS 32.8 FROM FEB. 4 TO 6.
LOWEST STAGE WAS MINUS 2.5 NOV. 3.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE, STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE, ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26.2	22.0	11.5	35.1	34.1	25.3	16.2	14.1	2.8	3.1	6.4	21.6
2	25.9	21.8	10.8	35.2	34.5	25.7	15.9	13.4	2.6	5.4	6.9	22.9
3	25.8	21.7	10.4	35.3	34.8	25.9	15.6	12.3	2.7	8.0	7.7	23.9
4	25.9	21.5	10.3	35.5	35.0	26.2	15.2	11.3	2.3	9.8	8.9	24.7
5	25.9	21.3	10.6	35.5	35.2	26.3	14.6	10.3	1.1	11.3	9.5	25.2
6	26.0	21.4	10.8	35.5	35.4	26.4	14.0	9.2	0.5	12.7	9.6	25.8
7	26.0	22.7	11.1	35.4	35.7	26.6	13.2	7.9	1.0	13.3	9.3	26.1
8	26.0	23.3	11.6	35.3	35.8	26.6	12.5	6.8	1.1	13.4	9.0	26.5
9	25.8	23.9	13.0	35.2	35.7	26.6	12.4	6.2	0.8	13.4	8.6	26.8
10	25.6	24.5	15.3	34.9	35.6	26.4	13.1	5.6	0.8	13.7	8.1	27.0
11	25.0	25.0	18.1	34.6	35.4	26.2	13.7	4.7	0.4	13.8	7.1	26.9
12	24.6	25.3	20.3	34.4	35.3	26.0	13.1	4.0	0.0	13.4	6.4	26.7
13	23.7	25.4	22.2	34.2	35.1	25.9	12.0	3.8	0.6	12.5	6.1	25.8
14	22.4	25.4	23.9	33.9	34.8	25.8	10.8	4.6	1.4	10.9	5.9	24.2
15	20.5	25.2	25.0	33.6	34.3	25.4	9.9	5.4	1.3	9.2	5.6	21.9
16	18.5	24.9	26.0	33.4	33.8	24.8	9.7	6.6	0.6	8.2	5.2	19.2
17	16.6	24.5	26.8	33.0	33.4	23.8	9.3	7.9	0.5	8.8	4.5	16.5
18	14.3	24.2	27.5	32.7	33.0	22.7	8.7	8.1	0.4	10.3	4.2	14.7
19	12.5	24.1	28.4	32.4	32.6	21.5	7.9	7.9	-0.2	11.0	4.3	13.5
20	11.7	24.0	29.3	32.7	32.1	20.6	7.3	7.9	-0.2	11.0	4.4	12.3
21	11.8	23.7	30.4	32.6	31.6	20.0	6.6	7.8	-0.2	11.1	4.7	11.7
22	13.1	23.0	31.5	32.6	30.8	19.5	6.2	7.0	-0.6	11.5	5.0	11.3
23	15.3	21.8	32.6	32.8	30.0	19.4	6.0	6.5	-1.0	11.7	5.0	11.1
24	17.6	20.3	33.5	32.8	29.0	19.4	6.0	5.9	-0.7	11.7	5.4	10.6
25	19.9	18.4	34.1	32.9	27.8	19.9	6.9	5.5	-0.6	11.5	6.5	10.2
26	21.2	15.8	34.4	33.0	26.5	20.0	8.9	5.3	-0.6	11.2	8.9	10.8
27	22.1	13.7	34.6	32.4	25.4	19.9	12.3	5.0	-0.6	10.4	12.7	12.5
28	22.6	12.3	34.8	33.7	24.6	19.0	14.5	4.3	-0.4	9.5	15.4	14.7
29	22.7		34.9	33.9	24.3	18.0	15.3	3.8	0.0	8.3	17.5	17.1
30	22.7		34.9	34.0	24.5	16.9	15.2	3.5	1.1	7.3	19.8	19.4
31	22.5		35.1		24.9		14.7	3.2		6.5		21.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	21.29	22.17	23.66	33.94	31.96	23.21	11.53	6.95	0.56	10.44	7.94	19.43
MAX.	26.2	25.4	35.1	35.5	35.8	26.6	16.2	14.1	2.8	13.8	19.8	27.0
MIN.	11.7	12.3	10.3	32.4	24.3	16.9	6.0	3.2	-1.0	3.1	4.2	10.2

HIGHEST STAGE WAS 35.8 ON MAY 8,
LOWEST STAGE WAS MINUS 1.0 ON SEP. 23.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 265.35 FEET, M.S.L. (1929±58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.9	13.5	14.9	18.0	28.9	9.6	9.8	7.4	3.4	5.0	7.8	19.7
2	7.2	13.6	16.3	17.3	29.0	8.4	11.2	7.7	3.2	5.4	8.4	19.1
3	6.8	13.7	17.6	16.5	29.0	7.4	12.2	7.7	3.3	6.5	9.2	18.6
4	7.3	13.6	18.8	16.0	28.9	7.1	12.9	8.2	3.2	7.2	10.3	18.4
5	9.1	13.5	20.0	15.3	28.8	7.0	13.4	8.3	2.8	7.7	11.8	18.3
6	11.8	13.2	21.1	14.5	28.6	6.9	13.6	8.5	2.5	8.3	13.3	18.2
7	13.7	12.6	21.9	13.7	28.4	6.4	13.5	8.6	2.4	8.9	14.9	17.8
8	14.7	12.0	22.5	13.0	28.2	6.0	12.9	8.6	2.3	9.3	16.2	17.3
9	15.5	11.5	23.1	12.4	27.8	5.6	12.0	8.4	2.2	9.6	17.0	17.2
10	16.0	11.0	23.4	12.0	27.3	5.1	10.9	8.6	2.1	9.3	17.3	17.5
11	16.7	10.5	23.5	12.0	26.6	4.5	9.8	9.3	2.2	8.8	17.1	18.4
12	17.4	10.0	23.4	12.4	25.8	4.2	8.9	9.7	2.2	8.5	16.8	19.9
13	18.0	9.4	23.2	13.2	25.2	4.1	8.3	9.0	1.9	8.5	17.0	21.4
14	18.4	8.4	23.0	14.5	24.6	3.7	8.0	8.1	1.8	8.5	17.1	22.5
15	18.6	7.4	22.8	15.7	24.0	3.3	7.8	7.7	2.0	8.1	17.5	23.3
16	18.6	6.7	22.4	17.0	23.4	3.3	7.6	7.3	2.2	7.0	18.3	24.5
17	18.5	6.5	22.1	18.7	22.8	3.5	7.7	7.1	2.4	6.5	19.3	25.3
18	18.2	7.0	21.9	20.6	22.2	3.9	7.5	7.3	2.8	6.1	20.3	25.9
19	17.8	8.1	21.6	21.8	21.7	4.5	7.3	7.0	3.4	5.8	21.1	26.5
20	17.2	10.0	21.2	22.7	21.0	5.5	7.4	6.8	4.5	5.7	21.2	26.9
21	16.6	11.7	20.8	23.3	20.5	6.8	7.6	6.7	5.8	5.8	21.4	27.3
22	15.7	12.7	20.4	23.8	19.8	7.6	7.6	6.7	6.6	5.9	21.6	27.6
23	14.3	13.1	20.0	24.4	18.9	8.2	7.3	6.6	7.0	6.0	21.6	27.7
24	13.0	12.9	19.5	25.3	17.9	8.2	6.9	6.5	6.8	6.4	21.5	27.8
25	11.9	12.6	19.0	26.0	16.7	7.9	6.8	6.6	6.2	6.6	21.4	27.8
26	11.2	12.6	18.4	26.8	15.5	7.6	6.9	6.8	5.6	6.3	21.3	27.8
27	11.2	12.7	18.1	27.5	14.2	7.3	6.6	6.8	5.0	6.2	21.2	27.7
28	11.6	13.1	17.9	27.9	13.2	7.3	5.5	5.5	4.7	6.2	20.8	27.6
29	12.3	13.8	17.9	28.2	12.1	7.8	5.5	4.2	4.5	6.3	20.5	27.3
30	12.9		18.2	28.7	11.3	8.4	5.7	3.7	4.9	6.5	20.2	26.9
31	13.2		18.3		10.5		6.7	3.5		7.0		26.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	13.97	11.28	20.42	19.30	22.34	6.23	8.89	7.24	3.65	7.08	17.44	23.17
MAX.	18.6	13.8	23.5	28.7	29.0	9.6	13.6	9.7	7.0	9.6	21.6	27.8
MIN.	6.8	6.5	14.9	12.0	10.5	3.3	5.5	3.5	1.8	5.0	7.8	17.2

HIGHEST STAGE WAS 29.00 ON MAY 2 AND 3.
LOWEST STAGE WAS 1.80 ON SEP. 14.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE. JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.1	8.2	27.7	15.7	8.0	9.3	4.9	2.7	1.8	-0.1	1.2	0.5
2	16.9	8.6	28.2	15.3	8.1	8.6	4.9	3.0	0.7	0.3	0.7	0.9
3	16.5	8.7	28.5	14.8	8.3	8.2	4.9	3.5	-0.3	0.6	-0.1	1.4
4	15.0	7.9	28.8	14.2	8.3	8.5	4.6	4.1	-0.9	0.7	-0.7	2.0
5	13.2	7.1	29.0	13.6	8.3	8.4	3.9	4.2	-1.2	0.4	-0.7	2.7
6	11.5	6.5	29.3	13.4	8.5	8.5	3.3	4.6	-1.1	-0.2	-0.5	4.0
7	10.3	6.1	29.3	13.4	8.5	8.7	2.6	4.8	-1.4	-0.7	0.1	4.9
8	10.0	6.7	29.2	13.3	8.3	8.7	1.9	5.2	-2.0	-1.1	0.8	5.2
9	10.8	8.5	29.2	13.3	8.6	8.1	1.4	5.5	-1.9	-1.0	1.6	5.6
10	11.8	10.3	29.1	13.1	9.1	8.0	0.8	5.8	-0.8	-0.7	2.4	6.5
11	12.7	13.4	28.8	12.8	9.5	8.3	0.2	6.4	-0.2	-0.9	2.7	7.2
12	13.2	15.3	28.1	12.2	10.2	8.6	0.2	6.7	-0.4	-1.4	2.6	9.1
13	13.6	16.9	27.4	11.6	12.2	8.4	1.0	6.2	-0.9	-1.6	2.2	11.3
14	13.7	17.8	26.5	11.0	14.3	7.4	2.1	5.2	-1.1	-1.8	1.9	13.0
15	13.8	18.3	25.4	10.7	16.0	6.6	3.1	3.4	-1.1	-2.1	1.6	14.1
16	14.2	18.5	24.4	10.5	17.8	6.6	4.1	2.3	-1.0	-2.3	1.2	14.7
17	13.9	18.1	23.5	10.3	19.1	7.2	5.0	1.6	-0.6	-2.0	0.9	14.8
18	13.0	17.7	22.7	10.1	19.8	8.1	6.1	1.2	0.0	-1.6	0.9	15.2
19	12.2	17.4	22.1	9.6	20.1	9.1	6.5	0.6	1.5	-2.0	0.9	15.4
20	11.6	17.3	21.8	9.1	20.2	9.9	6.0	-0.2	3.0	-2.3	0.7	16.0
21	11.3	17.2	21.6	8.4	20.0	10.4	5.6	-0.7	3.7	-2.4	0.7	16.4
22	11.2	17.8	21.4	8.0	19.4	10.2	5.6	-1.4	3.8	-2.9	0.6	16.4
23	11.1	18.6	20.8	7.4	18.6	9.8	5.6	-1.1	3.7	-3.2	0.3	15.7
24	10.7	20.8	20.0	6.9	17.2	9.2	5.6	-0.6	3.4	-2.8	0.2	14.7
25	10.0	23.2	19.1	6.5	15.7	7.9	5.9	0.7	2.9	-2.2	0.4	13.4
26	9.6	24.9	18.2	6.2	14.3	6.5	6.5	1.5	2.2	-1.8	0.7	12.4
27	9.1	26.0	17.2	6.5	13.6	6.0	6.3	1.6	1.6	-1.9	0.8	11.5
28	9.0	27.0	16.6	6.9	12.8	5.6	4.5	1.0	0.6	-1.4	1.1	10.8
29	8.7		16.3	7.3	11.7	5.3	3.3	1.0	-0.2	-0.2	1.1	10.1
30	8.2		16.2	7.8	10.7	4.9	3.0	1.8	-0.3	0.8	0.6	9.6
31	8.1		16.1		9.9		2.8	2.4		1.3		8.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	11.99	15.16	23.94	10.65	13.12	8.02	3.93	2.67	0.45	-1.18	0.89	9.81
MAX.	17.1	27.0	29.3	15.7	20.2	10.4	6.5	6.7	3.8	1.3	2.7	16.4
MIN.	8.1	6.1	16.1	6.2	8.0	4.9	0.2	-1.4	-2.0	-3.2	-0.7	0.5

HIGHEST STAGE WAS 29.3 FROM 800 A.M. MAR. 6 TO 800 A.M. MAR. 7
 LOWEST STAGE WAS MINUS 3.2 AT 800 A.M. OCT. 23

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.1	2.0	13.1	14.5	25.3	11.8	9.7	-0.2	-0.9	14.7	5.1	8.7
2	9.0	4.0	11.6	14.6	25.6	11.7	8.3	-0.2	-1.6	15.2	6.5	7.5
3	12.7	6.0	10.2	14.6	25.9	11.8	7.4	0.0	-1.7	15.0	7.9	6.1
4	14.8	8.6	9.3	15.4	26.4	11.5	6.5	0.3	-1.7	14.1	8.5	4.9
5	16.5	11.0	8.9	16.8	27.1	11.4	5.6	0.5	-1.8	12.2	8.4	4.1
6	19.0	12.4	9.6	19.1	27.5	12.6	5.0	1.4	-1.7	9.8	8.6	4.0
7	19.2	13.3	10.7	21.0	27.8	13.8	4.7	2.1	-1.1	8.5	9.0	4.0
8	20.0	14.0	11.9	22.3	28.8	15.4	4.1	2.6	-0.4	6.7	9.8	4.1
9	20.0	14.7	13.1	23.6	29.2	16.2	3.6	2.7	-0.5	5.4	10.2	4.3
10	19.3	15.1	14.3	23.8	29.3	17.1	2.9	3.6	-1.3	3.8	10.2	4.6
11	17.8	15.3	16.2	24.0	29.3	17.3	2.5	4.6	-1.6	3.0	10.1	4.8
12	15.8	15.2	16.0	24.1	28.8	16.9	2.2	5.7	-1.6	2.9	10.2	4.7
13	13.5	15.0	16.5	24.0	28.3	16.0	2.0	6.8	-1.6	2.6	10.3	4.6
14	11.2	14.9	16.5	23.9	27.2	15.0	1.9	7.3	-2.0	3.1	10.6	4.6
15	8.7	15.0	16.3	23.7	25.9	14.4	1.8	7.5	-2.3	5.2	10.8	4.4
16	5.7	15.3	15.6	23.3	24.8	13.8	1.9	7.1	-2.0	8.8	10.6	4.5
17	3.9	15.6	14.8	22.4	23.1	13.8	2.0	5.7	-0.9	10.5	10.1	5.3
18	2.8	16.2	13.8	20.9	21.6	14.7	1.3	3.9	0.1	10.8	9.3	6.9
19	2.8	16.8	13.1	19.0	21.2	15.9	0.7	2.0	1.2	10.0	9.1	8.0
20	2.8	17.0	12.8	17.2	21.5	16.3	0.7	0.7	1.8	9.4	8.9	8.6
21	2.6	17.0	12.7	15.8	22.0	16.2	0.9	0.5	3.1	8.5	8.9	8.8
22	2.4	16.7	12.8	15.8	22.3	15.8	1.0	0.7	4.5	7.5	9.2	9.2
23	1.9	16.5	13.0	16.9	22.4	15.3	1.5	0.9	6.1	6.2	9.4	10.0
24	1.6	16.4	13.1	18.7	22.1	15.2	1.2	1.1	7.1	5.5	9.6	11.2
25	1.3	16.5	13.0	20.6	21.5	15.0	1.1	1.5	7.1	5.4	9.8	12.8
26	1.1	16.2	12.8	22.3	20.4	14.9	0.9	2.0	6.8	5.0	10.4	14.2
27	1.0	15.5	13.0	23.3	18.8	14.4	0.7	2.1	8.2	4.6	10.8	15.9
28	1.0	14.4	13.7	24.1	17.0	13.5	-0.2	1.6	10.6	4.6	10.7	16.0
29	0.2		14.2	24.8	15.0	12.2	-0.8	1.1	12.6	4.8	10.2	16.8
30	-0.4		14.4	25.2	13.4	10.8	-0.5	0.8	13.9	4.7	9.4	16.8
31	0.3		14.6		12.4		-0.1	0.0		4.5		17.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	8.11	13.80	13.27	20.52	23.60	14.35	2.59	2.46	1.94	7.51	9.41	8.30
MAX.	20.0	17.0	16.5	25.2	29.3	17.3	9.7	7.5	13.9	15.2	10.8	17.0
MIN.	-0.4	2.0	8.9	14.5	12.4	10.8	-0.8	-0.2	-2.3	2.6	5.1	4.0

HIGHEST STAGE WAS 29.3 FROM 800 A.M., MAY 10 TO 800 A.M., MAY 11
LOWEST STAGE WAS MINUS 2.3 AT 800 A.M., SEP. 15

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.8	21.3	9.7	16.9	25.4	12.7	15.5	13.0	0.4	-0.6	2.8	4.3
2	13.3	22.8	9.5	16.9	24.7	11.2	15.8	12.1	-0.2	-0.5	2.2	3.3
3	14.1	24.0	9.5	16.5	23.8	9.2	16.2	11.2	-0.6	-0.9	1.9	3.0
4	13.9	24.8	9.7	16.0	22.8	7.9	16.8	10.4	-0.9	-1.2	1.6	2.7
5	13.6	25.4	10.1	15.5	22.1	7.4	17.0	9.7	-0.7	-1.2	1.5	2.1
6	13.2	26.2	10.4	15.2	21.6	7.7	17.0	8.0	-0.2	-0.9	2.1	1.5
7	12.9	26.7	10.1	14.8	20.8	8.2	17.0	6.8	0.1	-1.1	2.5	1.3
8	12.4	27.1	9.3	14.5	19.8	8.2	16.9	6.0	0.4	-1.4	2.8	1.3
9	11.4	27.2	9.2	15.0	18.6	7.7	17.1	5.0	0.8	-1.4	2.7	1.4
10	10.2	27.5	9.1	16.4	17.0	6.9	17.6	4.1	1.1	-1.6	2.4	2.0
11	8.7	27.7	8.5	18.0	15.8	6.2	18.1	3.7	1.6	-1.6	2.0	3.0
12	7.0	27.8	8.0	19.6	15.1	5.7	18.6	3.9	1.4	-1.4	1.5	3.7
13	4.7	28.1	7.6	21.0	14.8	5.2	19.1	3.9	0.9	-1.7	1.0	3.5
14	2.2	28.3	7.8	22.0	14.7	5.3	19.7	4.1	1.2	-1.5	0.6	2.9
15	0.9	28.6	7.3	22.6	14.8	5.8	20.3	4.9	1.4	0.0	0.5	2.7
16	0.4	28.5	6.5	22.9	14.9	6.7	20.9	5.6	1.1	4.6	0.6	3.0
17	0.0	28.1	6.1	23.1	15.3	7.4	21.4	6.0	0.1	9.5	1.0	2.8
18	-0.3	27.5	5.5	23.3	15.7	7.6	21.7	5.9	-0.9	12.3	1.1	3.2
19	0.0	26.6	4.6	23.5	15.9	7.2	21.8	4.5	-1.0	13.8	0.9	3.8
20	2.2	24.9	3.6	23.7	15.9	7.5	21.7	2.8	-1.0	14.4	1.0	4.5
21	5.5	22.8	2.8	24.1	16.1	8.0	21.3	3.1	-0.2	14.6	1.4	5.1
22	9.5	20.3	2.9	24.5	16.3	7.6	20.6	3.7	0.8	13.5	2.9	5.2
23	12.5	17.5	3.4	25.0	16.3	7.1	19.5	4.3	1.5	11.6	4.4	4.7
24	14.5	14.9	3.8	25.4	16.2	6.5	18.3	4.6	1.8	9.6	5.4	3.7
25	15.8	13.1	4.3	25.7	16.0	7.4	17.4	4.8	2.1	8.1	6.0	3.2
26	16.8	11.9	6.2	25.9	15.8	10.2	17.0	5.3	2.0	6.9	6.0	2.9
27	17.6	10.9	9.2	26.1	15.6	12.5	16.8	5.9	1.2	6.0	6.0	2.0
28	18.2	10.3	11.4	26.3	15.5	13.9	16.5	6.3	-1.0	5.5	5.8	0.0
29	18.6		13.8	26.2	15.3	14.5	15.7	5.6	-1.0	4.8	5.5	-0.7
30	19.0		15.4	25.9	14.8	15.2	14.9	3.4	-1.0	4.2	5.1	0.2
31	19.7		16.5		13.9		14.0	1.3		3.4		1.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	10.29	23.23	8.11	21.08	17.45	8.48	18.13	5.80	0.37	4.05	2.70	2.69
MAX.	19.7	28.6	16.5	26.3	25.4	15.2	21.8	13.0	2.1	14.6	6.0	5.2
MIN.	-0.3	10.3	2.8	14.5	13.9	5.2	14.0	1.3	-1.0	-1.7	0.5	-0.7

HIGHEST STAGE WAS 28.6, FEB. 15.

LOWEST STAGE WAS MINUS 1.7, OCT. 13.

MISSISSIPPI RIVER H.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.0	12.1	0.6	21.6	11.0	22.1	6.4	5.1	-2.0	-1.1	0.4	6.2
2	20.0	12.8	0.0	21.3	10.7	22.9	6.4	5.9	-2.8	-1.2	0.2	7.1
3	18.8	13.5	-0.4	21.2	9.9	23.5	6.2	5.9	-3.1	-1.4	0.3	8.3
4	17.2	14.8	-0.4	21.4	8.7	23.9	6.0	5.7	-3.2	-1.8	0.6	9.7
5	15.6	16.8	-0.7	21.3	7.4	24.2	6.1	5.5	-3.5	-2.0	0.8	10.2
6	14.5	18.7	-1.2	21.7	6.5	24.3	6.1	5.4	-3.5	-2.1	1.2	9.7
7	13.9	20.3	-1.6	22.3	6.4	24.4	6.0	5.0	-3.6	-2.2	1.2	9.1
8	13.7	21.0	-2.0	22.9	6.6	24.5	5.8	5.7	-4.1	-2.0	0.9	8.6
9	13.4	21.5	-2.5	23.2	6.4	24.6	5.6	7.0	-4.3	-1.6	0.9	8.2
10	13.2	21.6	-2.9	23.4	5.7	24.5	5.6	7.6	-4.2	-1.4	1.1	7.8
11	13.0	21.7	-3.3	23.5	5.3	24.4	5.5	7.7	-4.6	-1.6	1.4	7.5
12	12.8	21.6	-3.3	23.5	5.6	24.3	5.2	7.2	-4.6	-1.8	1.7	7.2
13	12.8	21.3	-2.7	23.3	6.0	23.7	5.2	6.5	-4.0	-1.8	1.9	7.1
14	13.0	20.7	-1.3	22.9	6.7	22.6	5.3	6.2	-3.8	-1.7	2.0	6.7
15	13.1	19.8	1.4	22.3	7.0	20.6	5.3	6.4	-3.4	-2.2	2.2	6.1
16	13.1	18.6	4.2	21.4	7.9	17.7	5.3	6.7	-3.1	-2.6	1.7	5.2
17	13.1	17.2	7.0	20.2	9.2	14.1	5.0	7.6	-3.3	-2.0	1.4	3.8
18	13.1	15.8	9.3	18.9	10.3	11.4	4.8	8.5	-3.1	-0.9	1.2	1.8
19	13.0	14.0	11.7	17.3	11.2	9.4	4.6	8.5	-3.1	-0.1	1.0	0.8
20	12.6	12.1	13.8	15.9	11.9	8.0	4.3	7.8	-3.3	0.6	1.7	0.7
21	11.9	10.2	15.3	14.5	12.4	7.3	3.8	6.9	-3.3	0.6	3.2	-0.4
22	11.0	8.6	16.6	13.6	12.5	6.2	3.7	6.5	-3.0	0.7	4.9	-0.9
23	10.0	7.1	17.8	13.2	12.5	5.1	3.3	5.8	-3.2	0.9	5.7	-1.0
24	8.3	6.0	18.5	12.3	12.1	4.8	2.8	4.3	-3.3	1.0	5.6	-0.5
25	7.4	4.7	19.0	11.6	11.9	4.9	2.7	3.4	-3.2	1.3	5.2	0.7
26	7.5	3.3	19.7	11.1	11.9	4.5	3.0	3.2	-3.1	1.7	4.9	2.3
27	8.1	2.3	20.4	10.7	12.1	4.5	3.1	2.7	-3.0	2.0	4.9	3.5
28	9.0	1.6	20.9	10.2	13.5	4.6	3.0	1.9	-2.4	1.4	5.2	4.3
29	10.0	1.0	21.4	10.2	16.7	5.0	3.4	1.0	-1.5	0.7	5.3	4.8
30	10.9		21.7	10.7	19.2	5.7	4.1	-0.2	-1.2	0.5	5.3	6.2
31	11.5		21.7		21.1		4.5	-1.1		0.4		8.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	12.78	13.81	7.70	18.24	10.20	15.58	4.77	5.36	-3.26	-0.64	2.46	5.12
MAX.	21.0	21.7	21.7	23.5	21.1	24.6	6.4	8.5	-1.2	2.0	5.7	10.2
MIN.	7.4	1.0	-3.3	10.2	5.3	4.5	2.7	-1.1	-4.6	-2.6	0.2	-1.0

HIGHEST STAGE WAS 24.6, JUNE 9.

LOWEST STAGE WAS MINUS 4.6, SEPT. 11 AND 12.

MISSISSIPPI RIVER W.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.5	3.2	7.3	21.2	15.5	19.5	15.3	5.1	-0.6	-1.9	0.6	3.4
2	8.2	4.0	7.8	20.1	16.0	16.6	15.7	7.3	-0.8	-1.8	0.9	4.1
3	8.5	4.8	7.8	18.8	16.0	13.5	16.0	8.2	-1.0	-1.5	1.2	5.1
4	8.5	6.3	7.4	17.2	16.3	11.0	16.0	8.4	-0.9	-1.1	2.2	6.4
5	8.5	7.7	6.7	15.2	16.7	9.2	15.0	8.5	-0.9	-0.7	5.0	8.8
6	8.3	8.6	5.8	15.1	16.7	9.0	16.3	8.6	-0.8	-0.7	8.3	11.5
7	8.0	8.9	5.4	15.4	16.6	9.3	16.4	8.2	-0.8	-1.0	9.6	13.7
8	7.0	8.8	5.3	15.9	16.4	9.6	16.3	7.5	-1.2	-1.7	10.3	14.9
9	6.0	8.9	7.6	16.2	16.2	9.4	16.3	6.4	-2.5	-1.8	10.2	15.4
10	4.8	9.1	11.7	15.8	16.1	9.1	16.1	5.7	-3.3	-2.0	9.7	15.4
11	3.7	9.1	15.5	14.8	16.3	8.5	15.4	5.4	-2.7	-2.1	8.8	15.3
12	2.5	9.0	17.9	13.9	17.2	8.0	14.9	5.3	-1.8	-1.8	7.5	15.0
13	1.0	8.7	19.6	13.1	18.2	7.5	15.0	5.5	-1.8	-1.1	6.0	14.9
14	0.3	8.1	20.7	12.6	19.3	7.0	15.4	5.4	-2.6	-0.5	5.4	15.2
15	0.6	7.2	21.4	12.4	20.2	7.0	15.6	4.5	-3.4	0.2	5.0	15.6
16	0.9	6.0	22.0	12.4	21.5	7.6	15.5	3.8	-3.3	0.8	4.6	15.7
17	0.7	4.6	22.0	12.5	23.1	8.5	15.3	3.0	-3.2	0.7	4.0	16.0
18	-0.4	3.4	22.2	12.5	24.1	9.7	14.7	1.9	-3.1	-0.4	3.6	16.4
19	-0.6	2.7	22.5	12.9	24.8	11.0	13.8	0.7	-3.1	-0.4	3.2	16.6
20	-0.6	1.9	22.9	13.6	25.2	12.2	12.1	0.0	-2.8	0.4	2.9	16.9
21	-0.5	1.9	23.2	14.2	25.5	12.8	9.9	-0.8	-2.0	0.9	2.4	17.3
22	-1.0	2.7	23.3	14.5	25.7	13.2	7.7	-1.1	-1.5	1.0	1.6	17.6
23	-1.6	3.4	23.4	14.5	25.9	13.7	5.7	-1.3	-1.4	1.4	1.2	18.2
24	-2.1	4.2	23.4	14.4	25.9	14.1	4.9	-0.6	-1.5	1.6	1.1	19.3
25	-2.7	5.4	23.6	14.0	25.8	14.4	4.4	0.0	-1.6	1.5	1.5	20.6
26	-3.1	6.3	23.7	13.5	25.6	14.6	4.3	0.0	-2.0	1.3	1.9	21.3
27	-2.5	6.7	23.7	13.3	25.3	14.7	3.7	-0.4	-2.6	1.0	2.7	21.9
28	-2.1	6.9	23.5	13.4	25.0	14.9	3.4	-0.8	-2.6	0.9	2.8	22.2
29	-1.4		23.2	14.0	24.2	15.0	3.9	-0.3	-2.5	0.9	2.6	22.3
30	0.0		22.7	14.8	23.0	15.2	4.3	0.2	-2.2	0.8	2.6	22.0
31	2.0		22.1		21.5		4.7	0.0		0.7		21.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	2.20	6.01	17.26	14.73	20.82	11.52	11.73	3.36	-2.02	-0.21	4.30	15.50
MAX.	8.5	9.1	23.7	21.2	25.9	19.5	16.4	8.6	-0.6	1.6	10.3	22.3
MIN.	-3.1	1.9	5.3	12.4	15.5	7.0	3.4	-1.3	-3.4	-2.1	0.6	3.4

HIGHEST STAGE WAS 25.9 FROM 800 A.M., MAY 23 TO 800 A.M. MAY 24.
LOWEST STAGE WAS MINUS 3.4 AT 800 A.M., SEPT 15.

MISSISSIPPI RIVER W.W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. HIGH WATER GAGE AT MILE 769.0, AND AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE. ON SEPT. 6, 1939, THE GAGE WAS COMBINED WITH L. W. GAGE 184.7, WHICH WAS MOVED TO LEFT BANK ON MAY 11, 1955.

RECORDS AVAILABLE. STAGE, JULY 1928 TO DATE. PRIOR TO JULY 15, 1930, HIGH STAGES ONLY.

EXTREMES. HIGHEST, 45.52 FEET, FROM RIGHT BANK GAGE, ON FEB. 9, 1937. LOWEST, MINUS 9.5 FEET ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. [1929-58 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.0	-4.5	21.2	5.8	18.4	10.1	-0.8	-3.8	-3.4	-4.6	-4.7	-1.8
2	4.1	-5.1	19.3	5.8	19.0	9.5	-0.7	-2.8	-3.6	-3.8	-5.2	-1.3
3	5.5	-5.1	16.9	5.6	19.7	8.5	-1.0	-2.3	-3.7	-2.9	-5.3	-0.8
4	8.4	-4.8	14.1	5.6	20.5	7.2	-1.2	-2.5	-3.6	-2.6	-5.3	0.4
5	10.5	-4.7	11.8	5.3	21.5	6.0	-0.7	-2.5	-3.7	-2.6	-4.5	1.8
6	11.9	-4.1	10.1	5.0	22.2	5.1	-0.4	-2.3	-4.5	-2.6	-3.9	2.4
7	13.5	-3.3	9.9	4.9	22.7	4.2	0.0	-2.3	-4.9	-2.5	-3.3	2.5
8	14.8	-3.5	10.6	5.0	23.1	3.6	0.3	-2.6	-4.9	-2.0	-2.5	2.4
9	15.6	-3.5	11.5	5.3	23.4	3.0	-0.3	-2.9	-4.5	-1.6	-2.0	2.5
10	16.3	-3.1	12.2	5.6	23.7	2.9	-1.2	-3.5	-3.8	-2.1	-1.2	2.7
11	16.3	-2.0	12.4	5.7	23.7	2.8	-1.6	-4.0	-3.8	-4.1	-0.5	3.3
12	15.8	0.8	12.3	5.7	23.5	2.8	-2.0	-4.0	-4.3	-5.5	0.0	4.9
13	14.9	6.2	11.9	5.6	23.5	2.6	-2.0	-3.3	-5.0	-5.0	0.8	7.7
14	13.9	12.7	11.4	5.8	23.1	2.9	-1.8	-2.7	-5.5	-5.0	1.2	11.5
15	12.8	17.6	10.7	7.1	22.5	3.4	-2.2	-3.0	-5.6	-5.0	1.7	14.3
16	10.7	20.6	10.0	8.2	21.8	4.2	-1.7	-2.9	-5.3	-4.7	2.5	15.8
17	9.4	22.2	9.5	8.9	20.1	4.8	-1.2	-1.8	-5.5	-4.7	3.5	16.4
18	7.5	23.1	9.2	9.6	19.4	5.7	-0.6	-0.9	-5.1	-5.0	4.3	16.5
19	6.0	23.7	8.8	10.5	18.9	7.4	0.0	-0.7	-4.5	-4.8	4.4	16.6
20	4.0	24.1	8.5	11.5	18.9	8.8	-0.2	-0.9	-4.6	-4.6	4.1	16.7
21	2.7	24.5	8.3	12.4	19.4	9.1	-0.3	-1.2	-5.0	-4.2	3.6	16.8
22	1.5	24.6	8.1	12.7	19.8	8.5	-0.7	-1.3	-4.4	-4.0	2.6	16.6
23	0.6	24.7	7.6	12.7	20.3	7.4	-1.2	-1.4	-3.6	-3.6	0.7	16.1
24	0.0	24.7	6.9	13.2	20.5	6.2	-1.8	-0.8	-3.6	-2.2	-1.1	15.3
25	-0.5	24.5	6.4	14.3	20.3	5.0	-2.3	-0.6	-3.6	-1.9	-1.5	14.1
26	-0.8	24.0	5.9	15.6	20.0	3.7	-2.9	-1.0	-3.0	-1.7	-1.8	12.7
27	-0.8	23.5	5.0	16.4	19.0	2.4	-2.9	-1.4	-3.3	-2.4	-1.9	10.9
28	-1.0	22.4	4.6	17.0	17.7	1.1	-3.3	-2.0	-3.9	-3.3	-1.8	9.4
29	-1.8		4.7	17.5	16.1	0.0	-4.3	-3.0	-3.9	-3.8	-2.2	7.8
30	-2.4		5.3	18.0	14.5	-0.6	-4.7	-3.1	-4.5	-4.2	-2.4	6.5
31	-4.0		5.7		11.0		-4.4	-3.4		-4.5		6.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	6.72	10.72	10.02	9.40	20.25	4.93	-1.55	-2.29	-4.29	-3.60	-0.73	8.69
MAX.	16.3	24.7	21.2	18.0	23.7	10.1	0.3	-0.6	-3.0	-1.6	4.4	16.8
MIN.	-4.0	-5.1	4.6	4.9	11.0	-0.6	-4.7	-4.0	-5.6	-5.5	-5.3	-1.8

HIGHEST STAGE WAS 24.7, FEB. 23, 24.
LOWEST STAGE WAS MINUS 5.6, SEPT. 15.

MISSISSIPPI RIVER W. W. GAGE 149 AT RICHARDSONS, TENN.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. MILE 769.0, AT RICHARDSONS LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS. GAGE IS READ AND MAINTAINED BY MEMPHIS DISTRICT, CORPS OF ENGINEERS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, JULY 15, 1930 TO DATE (HIGH WATER STAGES, JULY, 1928 TO DATE.). COMBINED WITH L.W. GAGE 184.7 R ON SEPT. 6, 1939. MOVED TO LEFT BANK ON MAY 11, 1955.

EXTREMES. HIGHEST, 45.52 FEET ON FEB. 9, 1937 (OLD LOCATION AT MILE 769.0 R). LOWEST, MINUS 9.5 ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.8	9.8	9.1	22.4	22.2	8.0	3.4	5.1	-2.3	14.8	1.4	0.2
2	6.6	10.3	9.0	23.9	21.8	7.6	2.5	3.0	-2.1	15.0	1.2	0.5
3	7.0	10.6	10.0	25.0	21.9	7.5	2.1	0.9	-1.9	14.8	1.0	1.0
4	7.1	10.5	11.5	26.0	22.0	7.6	2.5	-1.0	-0.4	14.1	1.1	1.2
5	7.3	10.1	13.5	26.7	22.3	7.8	3.9	-1.9	1.8	12.7	0.8	1.0
6	8.0	9.2	14.5	27.2	22.4	7.7	6.1	-2.9	3.3	10.9	0.1	0.7
7	9.6	7.9	16.0	27.7	22.3	7.8	8.2	-3.2	4.3	9.4	0.4	0.1
8	11.3	6.6	17.5	28.1	21.9	8.5	9.3	-3.0	3.6	8.0	0.6	0.8
9	12.9	5.0	18.6	28.5	21.0	9.8	9.3	-2.5	2.0	7.3	0.2	1.5
10	13.9	3.2	19.2	28.9	19.8	11.0	8.9	-2.1	1.4	7.2	0.3	1.3
11	14.2	2.5	19.6	29.1	18.3	11.9	8.0	-2.1	2.6	7.4	0.8	1.2
12	14.4	6.0	19.8	29.2	17.1	12.3	7.4	-2.4	3.8	7.2	1.1	1.4
13	15.0	9.9	19.8	29.2	16.0	12.1	6.9	-2.5	4.8	6.8	1.5	1.8
14	15.5	15.0	19.4	29.2	15.4	11.5	6.3	-2.8	6.6	6.2	1.8	2.0
15	15.6	18.8	19.1	29.1	15.0	10.8	5.7	-3.0	7.6	5.6	1.2	1.7
16	15.6	21.0	18.9	29.0	14.4	9.6	5.3	-3.1	7.7	4.8	1.0	1.5
17	15.3	22.2	18.7	29.0	14.1	8.8	4.9	-3.1	7.1	4.0	1.3	1.8
18	15.0	22.8	18.2	28.9	13.7	8.2	4.7	-3.0	6.4	3.4	1.4	1.8
19	14.9	23.2	17.5	28.9	13.1	7.7	4.3	-3.4	5.4	3.0	1.3	1.4
20	14.6	23.0	16.7	28.7	12.2	7.5	4.3	-3.9	5.5	3.0	1.0	0.7
21	13.4	22.5	16.6	28.6	11.6	7.2	4.0	-4.0	6.5	3.0	0.5	0.3
22	11.9	21.5	17.1	28.5	10.9	6.9	3.6	-4.0	7.4	3.4	0.2	0.3
23	10.2	20.2	18.0	28.4	10.4	6.4	2.8	-4.0	7.1	3.6	0.0	0.1
24	8.4	18.7	18.9	28.1	9.8	6.0	2.0	-3.7	6.7	3.4	0.3	0.2
25	6.8	16.6	19.3	27.8	9.0	5.8	1.9	-3.6	7.2	3.3	0.6	0.7
26	5.4	14.2	19.0	27.3	8.4	5.5	3.5	-3.6	8.8	3.2	0.9	1.0
27	4.3	12.0	18.2	26.6	7.8	5.4	5.6	-3.4	10.9	3.1	0.8	0.8
28	4.7	10.0	18.1	25.6	7.2	5.2	7.2	-4.0	12.5	3.2	0.1	0.7
29	6.4		18.6	24.3	7.0	4.8	8.0	-4.5	13.5	3.0	0.2	0.5
30	8.0		19.5	23.2	6.9	4.1	8.0	-4.3	14.4	2.5	0.1	0.3
31	9.0		20.8		7.6		6.9	-3.1		1.9		1.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	10.58	13.69	17.12	27.44	14.96	8.03	5.40	-2.55	5.41	6.43	0.77	0.97
MAX.	15.6	23.2	20.8	29.2	22.4	12.3	9.3	5.1	14.4	15.0	1.8	2.0
MIN.	4.3	2.5	9.0	22.4	6.9	4.1	1.9	-4.5	-2.3	1.9	0.0	0.1

HIGHEST STAGE WAS 29.2, APR. 12 TO 14.
LOWEST STAGE WAS MINUS 4.5, AUG. 29.

DAILY STAGES

A13

MISSISSIPPI RIVER AT H.W. GAGE 149.

LOCATION. LAT. 35-30-55, LONG. 89-56-12. MILE 769.0, AT RICHARDSON'S LANDING.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. AVERAGE LOW WATER PLANE, MINUS 3.7 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, JULY 15, 1930 TO DATE (HIGH WATER STAGES, JULY, 1928 TO DATE.).
COMBINED WITH L.W. GAGE 184.7 R ON SEPT. 6, 1939. MOVED TO LEFT BANK ON MAY 11, 1955.EXTREMES. HIGHEST, 45.52 FEET ON FEB. 9, 1937 (OLD LOCATION AT MILE 769.0 R). LOWEST, MINUS 9.5
ON JAN. 2, 1964.

DAILY EIGHT A.M. STAGE IN FEET FOR 1964

GAGE ZERO, 205.35 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-9.1	4.5	0.1	28.4	23.0	2.9	7.9	-4.0	-4.8	-3.5	-5.5	1.0
2	-9.5	4.5	-1.8	27.7	23.2	4.2	7.2	-4.0	-4.7	-2.5	-5.0	1.7
3	-9.3	4.5	-2.4	26.5	23.8	5.0	5.4	-4.0	-5.0	-1.2	-5.1	2.1
4	-9.2	3.7	-2.4	24.9	23.9	5.2	3.6	-4.1	-5.3	-0.3	-5.7	2.2
5	-9.2	3.0	-1.2	22.3	23.9	4.3	2.2	-4.5	-5.5	-0.4	-6.1	2.1
6	-8.8	2.1	1.0	20.0	23.8	2.9	1.1	-5.0	-5.5	-0.4	-6.1	2.4
7	-8.3	1.5	5.0	17.7	23.5	1.7	0.0	-5.0	-5.8	-0.5	-6.3	3.8
8	-7.6	0.8	9.7	16.8	23.1	0.5	-1.1	-4.6	-6.2	-0.9	-5.7	5.5
9	-6.8	-0.7	14.4	16.8	22.4	-0.2	-2.2	-4.1	-6.5	-1.5	-5.5	7.0
10	-5.5	-1.8	17.5	20.0	21.3	-0.6	-2.1	-4.4	-6.4	-1.9	-5.0	7.1
11	-3.2	-2.1	20.8	21.6	19.6	-0.8	-1.5	-4.5	-5.5	-2.1	-4.9	6.9
12	-0.5	-1.6	23.2	22.5	17.8	-0.6	-1.4	-4.5	-5.4	-2.4	-5.0	6.3
13	1.1	-1.0	24.8	23.0	15.7	-0.7	-1.4	-5.1	-5.4	-3.4	-5.2	6.3
14	2.0	-0.6	25.5	22.7	13.5	-0.9	-1.2	-5.9	-5.4	-4.1	-5.2	6.9
15	2.6	-0.2	26.0	22.5	11.7	-0.8	-1.0	-6.0	-5.3	-4.7	-5.2	7.2
16	2.7	-0.1	26.7	22.1	10.1	-1.1	-0.7	-5.3	-4.4	-5.2	-5.2	7.8
17	2.5	-0.2	27.1	22.0	8.5	-1.4	-0.5	-5.7	-3.7	-5.5	-5.0	8.6
18	2.4	-0.1	27.5	21.7	7.1	-1.7	-0.1	-6.4	-3.4	-5.4	-5.2	9.3
19	2.1	0.6	28.0	21.3	6.4	-0.9	-0.1	-5.8	-3.7	-5.2	-5.2	9.8
20	1.8	2.7	28.5	20.7	6.0	2.0	-0.2	-5.2	-4.1	-5.1	-4.8	10.0
21	0.7	4.1	28.8	19.4	5.7	4.7	-0.6	-4.9	-4.5	-5.5	-4.5	9.5
22	-1.5	5.0	29.1	17.7	5.4	6.3	-0.7	-5.1	-5.1	-5.7	-3.4	8.9
23	-3.7	5.4	29.5	15.6	5.1	7.2	-1.0	-5.6	-4.9	-5.4	-2.4	8.0
24	-3.4	5.4	29.5	14.5	4.6	7.2	-1.6	-5.6	-4.6	-5.3	-1.7	7.0
25	-2.3	5.3	29.6	14.5	3.9	7.0	-2.2	-4.9	-4.7	-5.4	-1.6	5.8
26	-1.5	4.9	29.6	16.1	3.2	7.5	-2.6	-4.4	-4.4	-5.1	-1.5	4.2
27	-0.5	4.1	29.6	18.5	3.2	8.0	-3.0	-4.6	-4.6	-4.9	-1.5	2.4
28	1.0	3.4	29.5	20.3	2.6	8.1	-3.1	-4.7	-4.7	-4.9	-1.6	2.0
29	2.5	1.6	29.4	21.5	2.4	8.4	-3.4	-4.2	-4.9	-5.6	-1.4	2.6
30	3.5		29.1	22.5	2.6	8.3	-3.6	-4.1	-4.4	-6.1	-0.8	3.6
31	4.3		28.8		3.0		-4.1	-4.5		-6.1		4.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-2.28	2.02	20.02	20.73	12.58	3.06	-0.39	-4.86	-4.96	-3.75	-4.24	5.57
MAX.	4.3	5.4	29.6	28.4	23.9	8.4	7.9	-4.0	-3.4	-0.3	-0.8	10.0
MIN.	-9.5	-2.1	-2.4	14.5	2.4	-1.7	-4.1	-6.4	-6.5	-6.1	-6.3	1.0

HIGHEST STAGE WAS 29.6 FROM 800 A.M., MAR. 25 TO 800 A.M., MAR. 27.
LOWEST STAGE WAS MINUS 9.5 AT 800 A.M., JAN. 2.
MEMPHIS DISTRICT, CORPS OF ENGINEERS.

1963

MISSISSIPPI RIVER

H. W. 149

Zero of gage: 205.35 m.s.l. (205.58 m.g.l.) 770.3 L Miles A.H.P.

Lat.: 35° 30' 58" - Long.: 89° 56' 20"

Memphis District, CE gage.

Vertical staff gage located at Richardson's Landing.

Highest: 32.80 on 28, 29 March.

Lowest: -8.60 on 31 December.

Period of record: July 1928 to date.

Highest for period of record: 251.10 m.g.l. on 9 February 1937 (old H. W. 149 Mile 770.3 R)

Lowest for period of record: -8.60 on 31 December 1963.

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R, 6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6.3	-2.7	2.1	32.2	5.0	8.5	-0.5	-0.5	-2.9	-6.7	-7.3	-5.7
2	6.2	-2.8	2.4	31.8	6.0	8.3	-1.0	-1.2	-2.6	-7.0	-7.2	-4.4
3	5.5	-2.8	2.0	31.5	8.5	7.8	-1.1	-1.2	-2.8	-6.9	-7.3	-3.8
4	4.9	-2.9	1.4	31.0	10.5	7.2	-0.5	-1.1	-3.3	-7.0	-7.5	-4.1
5	4.5	-3.0	1.4	30.5	11.6	6.8	0.1	-1.4	-3.8	-6.9	-7.0	-4.2
6	4.5	-2.4	2.1	29.7	10.9	5.8	0.2	-1.5	-4.2	-6.7	-6.8	-3.7
7	4.7	-0.8	4.1	29.0	10.3	4.3	-0.4	-1.1	-4.1	-6.7	-7.1	-3.3
8	4.7	0.6	8.6	28.1	9.1	3.2	-0.6	-1.0	-3.6	-6.8	-7.5	-3.4
9	4.1	2.0	15.8	26.9	8.0	2.6	-1.0	-0.8	-4.0	-7.0	-6.8	-3.7
10	3.1	2.9	20.1	25.2	7.3	2.4	-1.7	-0.7	-4.6	-7.0	-5.6	-4.1
11	0.9	3.6	22.2	23.0	6.0	2.7	-2.1	-1.2	-5.3	-6.8	-5.8	-3.9
12	-1.1	4.4	23.6	20.4	5.1	3.2	-2.0	-1.9	-5.3	-6.8	-5.4	-4.4
13	-1.2	4.7	24.4	17.4	4.5	4.3	-2.1	-1.9	-4.8	-6.8	-5.5	-4.6
14	-1.0	4.8	25.4	14.0	4.2	4.9	-2.4	-1.8	-4.7	-7.0	-5.7	-4.5
15	-0.8	4.7	25.8	12.4	3.4	5.2	-2.7	-1.2	-4.6	-7.2	-5.7	-4.4
16	-0.2	4.6	26.6	11.0	3.0	5.5	-2.6	-1.2	-4.2	-7.4	-5.9	-4.2
17	0.9	4.5	27.4	10.0	3.0	5.2	-2.0	-1.5	-4.3	-7.5	-6.8	-4.4
18	1.5	4.2	28.1	8.2	3.4	5.0	-1.7	-2.3	-4.9	-7.1	-6.4	-4.3
19	2.0	3.8	29.0	6.2	4.3	5.0	-1.9	-3.5	-5.2	-7.0	-6.4	-4.5
20	3.0	3.3	29.9	4.3	4.6	4.9	-1.9	-3.6	-5.2	-7.1	-7.0	-4.8
21	4.0	2.6	30.8	3.3	6.4	3.6	-1.4	-3.9	-5.4	-7.4	-7.3	-5.5
22	4.8	2.1	31.5	3.0	8.1	1.9	-1.0	-3.5	-5.7	-7.2	-7.3	-6.4
23	5.0	0.9	31.9	2.5	9.3	1.4	-0.7	-3.2	-5.7	-7.4	-6.5	-7.0
24	4.4	-0.2	32.2	2.0	9.5	0.9	-0.1	-3.4	-6.1	-7.4	-7.0	-7.5
25	3.4	-0.3	32.4	2.1	9.0	0.7	0.4	-3.6	-6.8	-7.4	-7.0	-8.0
26	2.0	0.0	32.5	2.4	8.9	0.7	0.7	-3.7	-6.7	-7.5	-6.7	-8.2
27	1.5	0.4	32.7	2.8	8.5	0.5	1.0	-3.6	-6.5	-7.2	-6.1	-8.2
28	-1.0	1.1	32.80	3.0	6.9	0.3	0.5	-3.8	-6.1	-7.3	-5.9	-8.1
29	-1.5		32.80	3.6	6.5	0.3	0.0	-3.9	-6.3	-7.6	-6.0	-7.9
30	-2.2		32.7	4.5	7.3	-0.2	-0.3	-3.9	-6.1	-7.6	-5.9	-7.9
31	-2.3		32.5		8.0		-0.4	-3.5		-7.4		-8.60

8:00 a.m. readings.

EWS 21

June 62

1962

MISSISSIPPI RIVER
H. W. 149

Zero of gage: 205.35 m.s.l. (205.58 m.g.l.) 770.3 L Miles A.H.P.
Lat.: 35° 30' 58" - Long.: 89° 56' 20"
Memphis District, CE gage

Vertical staff gage located at Richardson's Landing

Highest: 32.30 on 19 March

Lowest: -5.10 on 19 December

Period of record: July 1928 to date

Highest for period of record: 251.10 m.g.l. on 9 February 1937 (old H.W. 149 Mile 770.3 R)

Lowest for period of record: -6.20 on 23, 24 January 1956

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R, 6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	16.0	24.2	24.0	31.6	19.6	6.9	5.2	5.5	-2.2	-1.0	-1.0	4.4
2	14.0	24.8	25.8	31.7	18.9	7.2	5.0	4.6	-1.6	-0.7	-1.2	4.9
3	12.1	25.2	27.0	31.7	17.7	7.4	4.5	4.0	-1.5	-0.1	-1.5	4.8
4	10.5	25.5	28.2	31.8	17.4	8.5	3.7	3.6	-1.3	0.2	-1.3	3.5
5	9.8	25.6	29.2	31.9	17.0	10.5	3.3	3.2	-1.3	0.4	-1.2	1.0
6	8.7	25.7	30.2	31.8	16.8	11.7	2.9	2.7	-0.6	1.0	-1.0	-1.0
7	8.0	25.7	31.0	31.8	16.5	12.0	2.9	2.4	0.0	2.0	-0.9	-1.5
8	7.5	25.5	31.3	31.7	15.8	11.7	4.0	2.0	0.5	2.4	-0.5	-1.5
9	8.8	25.1	31.5	31.6	15.0	11.0	5.5	1.5	0.6	2.5	-0.4	-1.5
10	11.2	24.5	31.5	31.2	14.5	10.8	6.5	1.5	0.7	2.2	-1.4	-0.5
11	13.1	24.0	31.5	31.0	13.5	11.2	6.6	1.8	0.7	1.6	-2.2	-0.1
12	14.5	23.2	31.6	30.8	12.6	11.4	5.9	1.7	1.0	1.5	-2.3	-0.5
13	15.0	22.2	31.7	30.6	11.8	11.4	5.6	1.3	1.0	0.8	-1.5	-0.6
14	14.9	21.2	31.8	30.5	10.8	11.6	5.0	0.9	1.0	0.0	0.2	-0.9
15	14.8	20.0	31.9	30.4	10.7	12.0	4.8	0.2	1.1	0.0	1.7	-1.6
16	14.8	19.1	32.0	30.4	11.2	12.3	4.5	0.0	1.9	0.6	2.6	-2.8
17	15.8	18.0	32.0	30.4	11.5	12.5	4.2	-0.5	2.6	0.7	3.7	-3.6
18	16.5	17.3	32.1	30.4	11.1	12.7	4.5	-1.1	2.1	0.6	4.8	-4.4
19	16.5	16.8	32.30	30.5	10.6	12.6	4.7	-1.3	1.5	0.0	5.6	-5.10
20	15.9	16.5	32.2	30.4	9.9	12.3	5.5	-1.5	1.1	0.6	6.0	-5.0
21	15.6	16.4	32.0	30.2	9.0	11.3	6.8	-1.4	1.4	1.6	6.0	-4.5
22	14.6	16.2	31.7	30.0	7.8	9.8	7.3	-1.9	1.6	1.7	5.6	-3.5
23	14.2	16.0	31.2	29.8	7.0	8.6	6.2	-2.1	1.0	0.5	5.0	-3.0
24	14.7	16.0	30.9	29.6	6.5	7.8	5.3	-2.3	0.2	-0.1	4.3	-2.5
25	15.3	16.2	30.8	29.0	6.2	7.2	5.2	-2.4	-0.5	-0.2	4.0	-1.6
26	17.0	17.6	31.0	28.4	5.8	6.5	5.0	-2.5	-1.0	0.0	4.0	-0.6
27	19.0	20.0	31.0	27.0	5.4	6.2	4.9	-2.5	-1.0	0.0	4.0	0.6
28	20.5	21.8	31.1	26.2	5.3	6.0	5.5	-2.5	-1.2	-0.3	3.9	1.6
29	21.5		31.2	23.2	5.4	5.9	6.1	-2.3	-1.0	-0.7	3.8	2.8
30	22.6		31.3	21.0	5.8	5.4	6.4	-2.2	-1.0	-1.0	4.0	4.4
31	23.6		31.5		6.4		6.2	-2.5		-1.4		5.7

8:00 a.m. readings
MS 21
June 62

1961

MISSISSIPPI RIVER
H. W. 149

Zero of gage: 205.35 m.s.l. (205.58 m.g.l.) 770.3 L Miles A.H.P.
Lat.: 35° 30' 58" - Long.: 89° 56' 20"
Memphis District, CE Gage

Vertical staff gage located at Richardson's Landing.

Highest: 35.10 on 21 May

Lowest: -4.30 on 5 February

Period of record: July 1928 to date.

Highest for period of record: 251.10 m.g.l. on 9 February 1937 (old H.W. 149 Mi. 770.3 R)

Lowest for period of record: -6.20 on 23, 24 January 1956

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R,
6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-2.0	-2.8	19.7	27.2	23.3	18.2	6.3	10.1	-0.5	9.0	-0.3	12.0
2	-1.5	-3.0	20.6	26.4	23.2	15.5	4.2	9.4	-0.4	8.0	-0.6	11.5
3	0.1	-2.8	21.5	26.0	23.0	13.5	3.3	8.3	-1.0	6.9	-0.2	10.8
4	1.9	-3.4	22.4	25.8	22.9	12.0	3.2	7.4	-1.3	6.0	0.3	10.5
5	3.3	-4.30	23.0	25.5	22.8	11.0	3.5	7.1	-1.2	5.0	2.0	10.0
6	4.1	-4.2	23.5	24.9	22.8	10.3	3.9	6.7	-0.7	4.4	4.7	9.3
7	4.4	-3.7	23.7	24.0	22.8	9.9	4.2	6.6	-1.0	4.8	7.4	8.0
8	4.3	-3.2	24.0	23.0	23.4	9.5	4.0	6.9	-1.3	5.5	9.7	5.6
9	3.8	-3.0	24.6	22.3	24.5	9.4	3.4	7.5	-1.0	5.8	11.7	5.0
10	3.4	-2.0	25.5	21.7	25.7	9.2	2.6	7.9	-0.4	5.3	12.3	5.0
11	2.7	-1.5	26.2	21.2	26.6	9.7	1.9	7.9	0.5	4.5	12.4	5.7
12	1.0	-1.1	27.2	21.0	27.7	10.8	1.5	7.7	1.2	4.0	12.1	7.2
13	-0.1	-0.2	28.2	20.9	28.9	11.4	2.5	7.5	0.8	3.4	10.9	9.5
14	-0.6	0.9	29.3	20.8	30.0	11.7	3.0	7.1	0.3	2.1	9.0	11.3
15	-1.0	1.7	30.0	21.4	31.4	12.1	2.7	6.6	0.0	1.3	7.8	12.5
16	-1.5	2.2	30.4	22.2	32.4	12.6	1.9	6.4	-0.4	1.0	7.0	13.1
17	-2.4	2.4	30.9	22.7	33.6	13.8	1.4	6.3	-0.4	0.8	6.0	13.8
18	-1.6	2.5	31.0	23.2	34.4	15.1	1.8	6.3	3.0	1.9	5.8	14.1
19	-0.4	2.7	31.4	23.7	34.8	15.9	2.4	6.1	6.6	3.9	5.8	14.7
20	0.7	2.9	31.5	23.8	35.0	16.4	2.8	5.5	9.6	4.6	6.3	15.9
21	1.2	3.7	31.6	23.8	35.10	16.7	3.4	4.4	12.4	4.6	7.7	17.2
22	2.0	5.4	31.8	23.6	34.8	17.0	4.3	2.8	13.4	4.0	10.6	18.4
23	3.0	7.0	31.6	23.4	34.4	17.1	5.0	0.8	12.4	3.2	13.4	19.4
24	4.0	10.2	31.5	23.0	34.0	17.0	6.0	-0.2	10.8	2.5	14.6	20.4
25	4.6	14.1	31.2	22.5	33.4	16.5	6.4	-0.8	9.3	1.9	15.3	20.9
26	5.0	16.4	31.0	22.3	32.4	15.6	7.0	-0.5	7.7	1.5	15.4	21.3
27	4.8	17.7	30.5	22.3	31.0	14.1	7.7	-0.2	6.8	1.3	15.2	21.8
28	4.0	18.8	30.1	22.5	29.0	12.3	9.5	-0.4	6.9	1.5	14.4	22.0
29	2.7		29.6	22.8	27.1	10.4	10.5	-0.8	7.7	1.5	13.5	21.6
30	-0.2		29.0	23.0	24.0	8.4	10.8	-1.0	8.7	1.2	12.7	20.4
31	-2.2		28.1		21.0		10.5	-0.8		0.0		18.2

8:00 a.m. readings.

1960

MISSISSIPPI RIVER
H. W. 149

Zero of gage: 205.35 m.s.l. (205.58 m.g.l.) 770.3 L Miles A.H.P.
Lat.: 35° 30' 58" - Long.: 89° 56' 20"
Memphis District, CE Gage.

Vertical staff gage located at Richardson's Landing.

Highest: 29.10 on 16 April.

Lowest: -4.00 on 2 November.

Period of record: July 1928 to date.

Highest for period of record: 251.10 m.g.l. on 9 February 1937 (old H.W.149 Mi. 770.3 R)

Lowest for period of record: -6.20 on 23, 24 January 1956.

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R,
6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13.4	12.4	13.2	15.8	14.5	15.8	17.0	1.0	-0.1	-1.5	-3.7	-2.2
2	13.7	11.7	12.6	18.3	13.8	16.0	17.4	0.9	-0.5	-1.3	-4.00	-1.8
3	14.2	11.1	12.2	20.2	13.2	15.9	17.7	0.5	-0.9	-1.5	-3.5	-1.3
4	14.5	10.7	12.1	21.9	13.1	15.8	17.8	0.0	-1.5	-1.5	-3.2	-0.7
5	14.5	10.3	12.5	23.2	13.5	15.3	17.9	-0.1	0.4	-1.9	-3.1	-1.3
6	14.4	9.8	13.5	24.2	14.0	14.8	18.0	-0.5	1.7	-2.1	-2.9	-1.3
7	14.0	9.6	14.4	25.2	14.2	14.2	18.4	-0.9	2.3	-2.1	-2.0	-1.4
8	13.4	9.8	14.9	25.7	14.4	13.5	19.0	-0.7	2.2	-2.1	-0.4	-1.6
9	12.8	10.4	14.9	26.5	14.2	12.6	19.2	0.0	1.8	-1.9	0.5	-1.8
10	12.4	11.5	14.5	27.0	14.5	12.2	19.0	0.8	1.2	-1.9	0.5	-2.2
11	12.1	12.7	13.9	27.6	15.1	10.9	18.4	1.0	0.5	-1.9	0.1	-2.4
12	12.2	13.8	13.0	28.2	15.5	9.4	17.2	1.5	-0.1	-2.3	0.1	-2.3
13	12.4	14.6	11.7	28.5	16.4	8.5	15.7	1.4	0.0	-2.6	0.2	-1.4
14	12.7	15.3	10.5	28.7	17.2	8.5	13.0	1.1	-0.2	-2.8	0.6	-0.3
15	12.8	15.8	9.4	28.8	17.8	8.2	10.5	1.1	-0.4	-3.2	1.0	-0.6
16	12.8	16.5	8.5	29.10	18.3	7.9	9.5	0.9	-0.4	-3.6	1.0	-0.4
17	13.6	17.0	8.1	29.0	18.5	8.1	8.8	0.8	-0.2	-3.7	0.9	-0.2
18	14.7	17.5	8.0	28.8	18.3	8.9	9.0	0.5	-0.3	-3.5	0.6	-0.6
19	16.2	17.9	8.4	28.7	18.3	10.1	8.8	0.0	-0.7	-3.2	0.2	-0.7
20	18.0	18.0	9.2	28.2	18.1	11.4	7.2	-0.7	0.0	-3.4	0.0	-1.0
21	19.5	18.1	10.0	27.4	17.8	12.4	6.2	-0.9	0.5	-3.4	0.0	-1.7
22	20.6	18.3	10.9	26.5	17.8	12.5	5.2	-0.9	0.8	-2.8	-0.3	-2.1
23	21.5	18.4	11.7	25.5	17.7	11.8	4.4	-0.7	0.5	-2.5	-0.8	-2.4
24	21.9	18.2	12.4	24.2	17.7	10.8	4.0	-0.5	0.1	-2.8	-0.8	-2.4
25	21.7	17.9	13.0	23.1	17.6	10.0	3.3	-0.5	-0.2	-2.9	-0.7	-2.2
26	20.7	17.0	13.1	21.8	17.1	9.9	2.5	-0.3	-0.4	-3.2	-0.6	-2.0
27	19.4	16.2	13.2	20.5	16.6	10.6	2.2	0.2	-0.6	-3.3	-0.5	-2.4
28	18.0	15.0	13.5	19.1	16.2	12.6	1.7	1.0	-0.7	-3.2	-0.7	-2.8
29	16.2	14.1	13.8	17.5	16.1	14.9	1.5	1.2	-1.4	-3.2	-1.1	-3.4
30	14.5		14.1	16.0	16.2	16.5	1.1	1.0	-1.6	-3.3	-2.0	-3.5
31	13.2		14.5		16.0		1.0	0.7		-3.5		-2.6

8:00 a.m. readings.

1959

13

MISSISSIPPI RIVER
H. W. 149

Zero of gage: 205.35 m.s.l. (205.58 m.g.l.) 770.3 L Miles A.H.P.
Lat.: 35°30'58" - Long.: 89°56'20"
Memphis District, CE Gage.

Vertical staff gage located at Richardson's Landing.

Highest: 23.80 on 25 February.

Lowest: -5.20 on 24 September.

Period of record: July 1928 to date.

Highest for period of record: 251.10 m.g.l. on 9 February 1937 (old H.W.149 Mi. 770.3 R)

Lowest for period of record: -6.20 on 23, 24 January 1956.

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R, 6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-2.4	21.0	22.8	14.2	12.2	11.8	0.3	1.3	-1.0	-0.1	2.9	4.5
2	-1.4	21.2	22.2	14.2	11.0	11.3	0.4	0.9	-1.1	1.5	3.3	5.9
3	-0.9	21.4	21.4	14.6	10.4	10.8	1.0	0.4	-0.7	3.1	3.6	7.0
4	-0.4	21.7	20.5	14.8	10.0	10.8	1.4	-0.4	-0.2	3.7	3.7	7.9
5	-0.2	21.7	19.5	15.0	10.3	11.5	1.4	-0.8	0.0	4.1	3.3	8.3
6	0.0	21.7	18.4	15.3	10.6	12.8	1.3	-1.0	-0.1	4.2	2.9	8.4
7	0.6	21.4	17.4	15.6	10.5	13.8	1.8	-0.8	-0.2	4.0	3.2	8.4
8	1.7	20.8	16.6	16.0	10.6	14.3	2.8	-0.5	0.0	4.1	3.7	8.4
9	2.3	19.8	15.1	16.3	10.5	13.8	3.8	0.4	-0.2	4.3	4.3	8.4
10	2.5	18.3	15.7	16.3	10.6	13.0	4.4	2.4	-0.1	5.2	4.7	8.3
11	2.5	16.5	15.6	16.0	10.6	12.3	3.8	3.5	-0.5	7.1	4.8	7.9
12	2.4	14.5	15.6	16.0	10.9	11.7	3.0	4.4	-0.9	9.0	4.9	7.7
13	1.5	13.1	15.3	16.2	11.3	11.1	2.0	4.4	-1.0	10.3	4.7	7.4
14	-0.2	13.5	15.0	16.6	12.0	9.5	1.3	3.6	-1.0	11.1	4.3	7.3
15	-0.7	15.3	15.1	16.9	12.4	7.3	0.9	2.3	-1.3	11.7	4.2	8.1
16	-1.5	17.2	15.4	17.0	12.3	6.1	0.6	1.0	-1.9	11.3	4.0	9.6
17	-1.5	19.0	15.7	16.7	11.9	5.3	0.5	0.0	-2.6	10.1	3.5	11.0
18	-0.5	20.5	15.8	16.0	11.4	4.6	0.2	-0.3	-2.7	8.6	2.7	12.1
19	0.8	21.8	15.8	15.3	11.0	4.3	-0.2	-0.3	-2.9	7.1	2.4	13.0
20	2.6	22.5	15.7	14.5	10.5	3.7	-0.1	1.3	-3.2	5.8	2.6	13.8
21	4.0	23.1	15.7	14.5	10.5	3.0	0.3	1.8	-3.6	4.8	2.8	15.1
22	5.3	23.4	15.7	14.9	11.3	2.4	0.3	1.4	-4.3	4.3	2.7	16.5
23	7.9	23.6	15.6	15.2	11.8	1.8	0.2	0.7	-4.7	3.9	2.3	17.7
24	11.6	23.6	15.3	15.3	12.0	0.8	0.2	0.6	-5.20	3.2	1.7	18.7
25	15.0	23.7	15.0	15.2	12.1	0.0	-0.1	0.0	-5.0	2.4	1.1	18.8
26	17.3	23.80	14.9	14.9	12.3	-0.2	0.0	-0.6	-4.9	1.8	1.0	18.4
27	18.8	23.7	14.9	14.9	12.7	0.2	0.7	-1.1	-4.8	1.1	1.2	17.6
28	19.5	23.4	14.8	14.7	13.1	0.5	1.3	-1.5	-4.4	0.9	1.9	16.7
29	20.3		14.8	14.3	13.1	0.6	1.7	-2.0	-3.3	1.2	2.9	15.4
30	20.6		14.7	13.3	13.1	0.5	1.5	-2.1	-2.0	1.7	3.5	14.4
31	20.8		14.4		12.7		1.4	-1.5		2.3		13.6

8:00 a.m. readings.

1958
MISSISSIPPI RIVER
H. W. 149

13

Zero of gage: 205.31 m.s.l. (205.58 m.g.l.) 770.3 L Miles A.H.P.
Lat.: 35°30'58" - Long.: 89°56'20"
Memphis District, CE Gage.

Vertical staff gage located at Richardson's Landing.

Highest: 25.87 on 14 May.

Lowest: -3.50 on 30 December.

Period of record: July 1928 to date.

Highest for period of record: 251.10 m.g.l. on 9 February 1937 (old H.W.149 Mi.770.3R)

Lowest for period of record: -6.20 on 23, 24 January 1956.

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R,
6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	23.1	15.1	1.5	16.6	16.4	7.5	12.2	25.5	5.7	4.8	-1.6	2.6
2	23.2	15.5	3.4	16.4	18.3	7.0	11.8	25.2	5.1	4.5	-1.8	2.6
3	23.2	15.6	5.4	16.0	19.7	6.2	11.4	24.8	4.4	4.0	-2.0	2.7
4	23.0	15.5	7.8	15.6	20.8	5.0	11.0	24.6	4.0	3.7	-2.2	3.2
5	22.9	15.2	10.4	15.2	21.7	4.2	9.9	24.7	3.2	3.0	-2.2	3.8
6	22.5	14.7	11.9	15.2	22.4	4.2	8.2	24.8	1.7	2.3	-1.9	3.7
7	21.8	14.0	12.8	15.2	22.8	4.3	6.7	25.0	1.2	1.4	-1.6	3.2
8	21.0	13.1	13.9	15.3	23.3	4.7	6.0	25.1	1.3	0.5	-2.0	2.8
9	19.8	12.5	14.6	15.4	23.9	4.9	6.2	25.1	1.7	0.2	-2.1	2.8
10	18.4	12.5	14.9	15.8	24.5	4.8	7.2	24.9	1.5	0.6	-1.9	3.4
11	16.4	13.0	15.1	16.1	25.2	4.0	8.3	24.6	1.5	0.4	-2.1	4.1
12	14.1	13.2	15.5	16.3	25.5	3.6	9.3	24.0	1.9	0.2	-2.2	4.5
13	11.5	13.0	15.8	16.3	25.8	4.0	9.9	23.2	2.4	-0.2	-2.1	4.7
14	8.8	12.4	16.0	16.4	25.87	5.2	10.0	22.0	2.8	0.0	-2.4	4.5
15	6.8	11.9	16.1	16.8	25.8	7.0	9.9	20.6	3.5	0.6	-2.2	4.2
16	5.7	11.5	16.0	17.0	25.8	8.6	10.2	19.3	3.6	1.5	-2.5	3.6
17	5.2	11.1	15.6	16.9	25.7	10.0	11.0	17.8	3.8	1.9	-2.1	2.5
18	5.0	10.5	15.0	16.9	25.7	11.6	13.2	16.4	3.7	1.7	-1.9	0.5
19	4.9	9.5	14.0	16.8	25.7	12.9	15.7	15.0	3.4	1.0	-1.8	-1.0
20	4.9	8.0	13.0	16.5	25.7	14.1	17.8	13.7	3.2	0.5	-0.6	-1.5
21	5.2	6.6	12.5	16.1	25.6	14.9	19.5	12.7	3.0	-0.1	0.7	-1.9
22	5.7	5.4	12.0	15.5	25.5	15.0	20.8	11.6	3.1	-0.9	1.9	-2.3
23	6.8	4.4	11.3	14.7	25.3	14.8	21.8	10.7	3.7	-1.4	3.3	-2.5
24	8.3	4.2	11.3	14.0	24.7	14.5	22.8	10.0	4.5	-1.4	4.7	-2.6
25	9.6	3.8	11.3	13.6	23.6	14.1	23.7	9.5	5.7	-1.4	5.5	-2.8
26	10.5	2.3	12.2	13.0	21.9	13.8	24.5	8.8	6.0	-1.6	5.4	-2.8
27	11.1	1.5	13.8	12.5	19.2	13.6	25.0	7.7	5.4	-1.9	5.1	-2.8
28	11.9	1.1	15.0	12.5	16.2	13.4	25.3	6.7	4.9	-2.2	4.8	-3.1
29	12.9		15.6	13.5	13.0	13.2	25.6	6.2	4.6	-2.4	4.0	-3.3
30	13.8		16.0	14.8	10.5	12.7	25.7	6.2	4.6	-2.2	3.0	-3.5
31	14.5		16.5		8.7		25.7	6.0		-1.9		-3.4

8:00 a.m. readings

1957
MISSISSIPPI RIVER
H. W. 149

13

Zero of gage: 205.31 m.s.l. (205.58 m.g.l.) 770.3 L Miles A.H.P.
Lat.: 35°30'58" - Long.: 89°56'20"
Memphis District, CE Gage.

Vertical staff gage located at Richardson's Landing.

Highest: 27.24 on 16 February
Lowest: -2.70 on 15-16 October
Period of record: July 1928 to date
Highest for period of record: 251.10 m.g.l. on 9 February 1937 (old H.W. 149 M.L. 770.3R)
Lowest for period of record: -6.20 on 23, 24 January 1956

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R,
6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.1	16.5	17.1	8.6	20.4	25.8	11.6	6.6	-2.5	-0.3	2.5	21.6
2	7.6	18.9	16.0	7.8	19.6	25.4	12.2	7.5	-2.5	-0.6	2.4	20.5
3	7.1	20.3	15.6	7.1	19.0	24.6	13.3	7.7	-2.6	-1.2	1.9	19.3
4	6.6	21.3	15.4	7.4	18.3	23.4	14.8	7.0	-2.4	-1.5	1.1	17.8
5	6.2	22.2	15.2	7.9	17.1	21.9	16.4	5.6	-2.4	-1.5	0.5	15.9
6	5.4	23.0	14.8	10.4	16.0	20.2	17.6	4.6	-2.2	-1.5	0.0	14.0
7	4.7	23.7	14.0	14.4	15.2	18.7	18.0	4.0	-2.1	-1.7	-0.3	12.4
8	4.2	24.6	13.3	18.0	14.4	17.3	17.8	3.8	-2.1	-1.9	0.0	11.0
9	4.2	25.1	12.7	20.4	13.7	16.2	17.3	3.5	-2.2	-2.0	-0.1	10.4
10	3.8	25.6	12.4	22.0	12.8	15.4	17.0	3.0	-2.2	-2.3	0.5	10.8
11	3.2	26.0	12.5	23.0	11.8	14.9	16.8	2.3	-2.3	-2.4	1.8	12.3
12	2.1	26.4	12.8	24.0	10.0	15.0	16.5	1.5	-2.2	-2.3	2.2	14.1
13	1.0	26.8	12.9	24.9	8.3	15.2	15.8	1.0	-2.0	-2.4	2.4	15.7
14	0.8	27.0	12.6	25.4	7.3	14.8	14.8	1.4	-1.9	-2.5	2.5	17.0
15	1.7	27.0	12.1	25.5	7.2	13.8	13.5	2.1	-1.7	-2.7	2.9	17.6
16	2.4	27.24	11.5	25.6	6.9	13.1	12.5	1.8	-1.4	-2.7	6.1	17.9
17	3.4	27.1	11.0	25.7	6.6	12.8	11.5	1.1	-1.0	-2.5	9.6	17.8
18	4.8	27.0	10.6	25.6	6.3	13.5	10.9	0.5	-1.1	-2.5	12.2	17.7
19	6.2	26.8	10.2	25.8	6.5	14.8	10.4	0.0	-0.7	-2.2	14.4	17.5
20	7.0	26.5	9.8	25.8	7.0	15.5	9.9	-0.3	-0.2	-2.1	15.9	17.4
21	7.1	26.0	9.3	25.8	8.8	15.4	9.2	-0.5	-0.3	-2.2	18.4	17.6
22	6.6	25.5	8.5	25.8	12.1	14.8	8.4	-0.6	-0.4	-2.4	20.4	17.9
23	6.0	25.0	7.8	25.8	14.7	14.1	7.6	-0.6	-0.3	-2.1	21.7	18.8
24	5.2	24.5	7.1	25.7	17.3	13.3	6.8	-0.7	-0.4	-1.8	22.8	20.0
25	5.0	24.0	6.8	25.5	20.4	12.9	6.4	-0.8	-0.5	-1.5	23.5	20.8
26	6.3	22.6	6.5	25.2	22.8	12.8	6.6	-1.2	-0.7	-1.1	23.9	21.6
27	8.2	20.8	6.4	24.5	24.0	12.7	6.6	-1.4	-0.7	-0.8	24.0	22.3
28	9.9	18.7	6.9	23.7	25.0	12.7	6.5	-1.5	-0.6	-0.4	24.0	22.7
29	11.1		7.7	22.8	25.6	12.3	6.0	-1.7	-0.5	0.7	23.5	22.9
30	12.0		8.5	21.5	25.9	11.6	6.2	-2.1	-0.3	1.8	22.7	23.0
31	13.7		8.8		25.9		6.2	-2.5		2.2		23.0

8:00 a.m. readings

1956
MISSISSIPPI RIVER
H. W. 149

13

Zero of gage: 205.31 m. s..l. (205.58 m. g. l.) 770.3 L miles A.H.P.
Lat.: 35°30'58" - Long.: 89°56'20"
Memphis District, CE gage.

Vertical staff gage located at Richardson's Landing.

Highest: 25.72 on 29 February and 1 March

Lowest: -6.20 on 23, 24 January

Period of record: July 1928 to date

Highest for period of record: 251.10 m. g. l. on 9 February 1937 (old H.W. 149 mile 770.3 R)

Lowest for period of record: -6.20 on 23, 24 January 1956

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R,
6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-3.0	-2.0	25.72	18.9	14.1	6.4	7.4	3.8	-1.1	-3.2	-4.2	-3.1
2	-3.2	3.3	25.4	17.4	12.7	6.0	7.3	3.7	-1.5	-3.5	-4.1	-3.0
3	-3.6	8.5	25.2	15.6	11.9	6.2	6.9	3.6	-1.4	-3.3	-4.3	-3.2
4	-3.8	12.5	25.0	14.1	11.8	7.1	6.8	3.5	-1.4	-2.9	-4.1	-3.5
5	-3.6	15.7	24.7	13.0	12.0	8.4	6.6	3.7	-1.0	-2.7	-3.8	-4.2
6	-3.8	17.9	24.2	12.8	12.1	9.9	6.3	4.2	-0.3	-2.9	-3.6	-4.2
7	-4.1	19.5	23.6	13.2	12.0	11.0	5.9	5.0	-0.2	-3.2	-3.5	-4.4
8	-4.3	20.6	23.0	14.1	11.8	11.7	5.5	5.4	-0.3	-3.4	-3.2	-4.8
9	-4.3	21.6	22.5	15.7	11.8	11.8	5.5	5.4	-0.6	-3.4	-3.1	-5.0
10	-4.5	22.4	21.9	17.3	12.2	11.6	5.5	4.7	-0.9	-3.3	-3.3	-5.0
11	-4.6	23.0	21.5	18.6	12.8	11.4	5.3	3.7	-1.1	-3.4	-3.6	-4.2
12	-4.3	23.3	21.0	19.3	13.3	11.0	5.1	3.3	-0.9	-3.4	-4.2	-2.8
13	-4.6	23.3	20.6	19.8	13.7	10.4	4.9	3.2	-1.0	-3.4	-4.6	-1.8
14	-4.8	23.0	20.3	20.1	13.6	9.7	4.9	3.3	-1.2	-3.6	-4.8	-1.0
15	-5.0	22.6	19.9	20.3	13.2	8.7	4.9	3.7	-1.3	-3.9	-4.5	0.2
16	-5.1	21.8	19.8	20.0	12.7	7.7	4.8	5.0	-1.3	-4.0	-4.5	2.2
17	-5.2	21.3	20.1	20.0	12.0	6.7	4.2	5.7	-1.6	-4.2	-4.8	4.9
18	-5.3	21.3	20.7	20.2	11.4	5.8	3.3	6.4	-1.6	-4.3	-5.0	7.2
19	-5.4	21.4	21.2	20.5	11.0	4.8	2.7	6.8	-1.3	-4.5	-5.0	8.5
20	-5.5	22.2	21.7	20.8	10.5	2.7	2.4	6.9	-1.0	-4.9	-4.8	9.2
21	-5.8	23.1	22.2	20.8	10.1	1.0	2.4	6.3	-0.4	-5.0	-4.5	9.5
22	-6.0	23.8	22.5	20.5	9.7	1.1	3.0	5.3	-0.3	-5.2	-4.6	9.7
23	-6.20	24.3	22.7	20.0	9.6	1.6	3.8	4.3	-0.3	-5.3	-4.1	10.0
24	-6.20	24.7	22.9	19.4	9.8	2.2	4.2	3.4	-0.7	-5.4	-3.5	10.1
25	-6.1	25.0	22.7	18.9	9.9	3.1	4.1	2.4	-1.6	-5.6	-3.0	10.2
26	-5.9	25.2	22.4	18.5	9.7	4.4	3.9	1.6	-2.2	-4.8	-2.8	10.5
27	-5.4	25.4	22.2	18.2	9.3	5.4	3.7	1.4	-2.2	-4.7	-3.0	10.5
28	-5.2	25.6	21.8	17.6	8.7	5.9	3.6	1.1	-2.5	-4.7	-2.9	10.2
29	-5.2	25.72	21.3	16.6	8.2	6.5	3.6	0.6	-2.7	-4.6	-2.8	9.7
30	-3.8		20.8	15.5	7.7	7.0	3.5	0.2	-2.9	-4.6	-2.9	9.1
31	-4.0		20.0		7.1		3.7	-0.4		-4.1		8.6

8:00 A. M. readings

1955
MISSISSIPPI RIVER
H. W. 149

Zero of gage: 205.31 m.s.l. (205.58 m.g.l.) 770.3 L miles A.H.P.
Lat.: 35° 30' 58" - Long.: 89° 56' 20"
Memphis District, CE gage.

Vertical staff gage located at Richardson's Landing.

Highest: 31.70 on 31 March; 1, 2 April.

Lowest: -4.80 on 20, 21 September.

Period of record: July 1928 to date.

Highest for period of record: 251.10 m.g.l. on 9 February 1937 (old H.W. 149 mile 770.3 R)

Lowest for period of record: -5.80 on 19-21 November 1953.

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R,
6 September 1939. Moved to 770.3 L on 11 May 1955.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6.2	2.3	23.0	31.7	17.9	6.3	3.6	1.4	-3.1	-3.7	-2.7	4.1
2	7.6	1.2	23.2	31.7	17.8	7.4	4.0	1.2	-3.3	-3.7	-2.2	3.6
3	9.1	0.4	23.2	31.5	17.6	8.5	4.2	0.8	-3.3	-2.5	-2.0	3.0
4	9.6	0.0	23.0	31.1	17.3	8.8	4.0	0.3	-2.7	-1.9	-1.9	2.0
5	9.8	0.2	23.1	30.5	16.8	8.6	3.4	-0.2	-2.2	-1.5	-1.2	0.8
6	10.3	0.9	23.5	29.8	16.0	7.7	2.6	-0.9	-2.0	-1.0	-0.5	-0.1
7	11.3	1.7	23.7	28.4	15.2	6.7	2.1	-1.4	-2.0	-0.8	0.0	-0.2
8	12.1	2.6	23.8	26.4	14.3	6.1	1.8	-1.6	-2.2	-1.4	0.2	0.7
9	12.9	3.9	23.8	24.4	13.0	5.8	1.5	-1.8	-2.7	-1.2	-0.2	1.8
10	14.0	6.4	23.9	22.4	11.7	5.7	1.5	-1.7	-3.1	1.0	-0.7	2.2
11	15.2	9.2	24.0	20.8	10.1	5.9	2.0	-1.3	-3.4	3.4	-1.0	2.3
12	15.7	11.3	24.5	19.1	8.3	6.1	2.8	-0.7	-3.6	5.0	-1.0	2.3
13	15.7	12.8	24.8	17.8	6.4	6.7	3.9	-0.3	-3.9	5.0	-1.0	2.0
14	15.2	13.7	25.0	16.9	5.2	7.5	4.4	-0.3	-4.2	3.9	-1.0	1.5
15	14.6	14.4	25.2	16.5	4.7	8.2	4.7	0.2	-4.2	3.0	-1.2	1.3
16	13.8	14.8	25.4	16.5	5.3	8.8	4.8	0.5	-4.3	2.0	-1.6	0.3
17	13.0	14.9	25.6	16.7	6.1	9.1	5.0	0.3	-4.4	1.5	-2.2	-0.8
18	12.2	14.6	25.7	16.6	7.4	9.1	4.7	0.2	-4.5	0.7	-2.4	-1.2
19	11.6	14.0	25.9	15.3	8.6	8.9	4.3	0.1	-4.7	0.0	-1.0	-1.3
20	10.6	13.3	26.0	15.9	9.4	8.7	4.3	-0.3	-4.8	-0.1	0.3	-1.3
21	9.7	12.5	26.5	15.5	9.5	8.3	4.3	-0.7	-4.8	0.2	1.0	-1.6
22	8.7	11.7	27.1	15.5	9.0	7.5	4.2	-1.1	-4.7	-0.2	1.8	-2.3
23	7.7	11.6	27.6	15.7	8.6	6.2	4.2	-1.3	-4.7	-1.0	2.8	-3.1
24	6.9	13.7	28.2	16.1	8.0	5.2	3.9	-1.5	-4.7	-1.4	3.7	-3.6
25	5.9	17.3	29.0	16.2	7.7	4.6	3.6	-1.2	-4.4	-2.0	4.1	-3.6
26	4.6	20.5	29.5	16.3	7.3	4.2	2.4	-1.2	-4.0	-2.3	4.0	-3.9
27	3.4	21.8	30.1	16.7	6.9	4.1	2.1	-1.3	-4.0	-2.3	4.0	-4.4
28	3.1	22.5	30.7	17.2	6.2	3.8	1.8	-1.4	-3.6	-2.5	4.0	-4.6
29	3.3		31.1	17.6	5.8	3.5	1.8	-1.9	-3.5	-2.8	4.2	-4.5
30	3.0		31.5	17.8	5.6	3.3	1.6	-2.3	-3.5	-3.3	4.2	-3.7
31	2.7		31.7		5.8		1.5	-2.9		-3.5		-3.1

8:00 a. m. readings

1954
MISSISSIPPI RIVER
H. W. 149

13

Zero of gage: 205.31 m. s. l. (205.58 m. g. l.) 770.4 R miles A. H. P.
Lat.: 35° 31' 13" - Long.: 89° 55' 57"
Memphis Dist., CE gage.

Vertical staff gage located at Morgan Point, Ark., opposite Richardson's Landing.

Highest: 16.20 on 29, 30 January.

Lowest: -5.00 on 18, 19 September.

Period of record: July 1928 to date.

Highest for period of record: 251.10 m. g. l. on 9 February 1937 (old H. W. 149 mile 770.3 R)

Lowest for period of record: -5.80 on 19-21 November 1953.

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R, 6 September 1939.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-3.8	15.6	3.4	6.5	12.1	3.9	5.8	1.0	1.2	-2.9	8.2	-2.3
2	-3.9	15.0	3.2	6.5	11.6	3.0	6.0	-1.4	2.6	-3.0	5.7	-2.6
3	-3.9	13.9	3.8	6.6	11.6	2.3	5.7	-2.7	2.8	-3.5	4.1	-1.9
4	-4.2	11.8	4.8	6.5	11.3	2.2	5.2	-3.3	2.4	-3.4	3.2	-1.4
5	-4.7	9.0	5.5	6.2	10.9	3.3	5.0	-3.0	1.3	-3.0	3.1	-1.0
6	-4.6	6.4	5.8	6.1	10.9	5.0	5.2	-3.0	0.1	-2.7	2.9	-1.0
7	-4.5	4.6	5.8	6.2	10.8	6.3	5.4	-3.3	-0.3	-2.9	2.4	-0.9
8	-4.5	2.8	5.6	6.7	10.8	7.2	5.6	-2.6	-0.6	-3.0	1.8	-0.4
9	-4.5	1.7	5.6	7.3	11.9	8.4	5.5	-1.7	-1.0	-2.1	1.1	1.0
10	-4.6	0.7	5.9	7.9	12.9	9.0	4.8	-1.0	-1.3	-1.4	0.9	1.4
11	-4.3	-0.2	6.6	8.3	13.4	9.2	4.0	-0.5	-1.9	-0.6	0.8	0.9
12	-4.4	-0.5	7.5	8.5	13.5	8.8	3.5	-0.4	-2.8	-0.1	0.0	0.4
13	-4.6	-0.9	8.4	8.0	13.2	8.3	2.7	-0.2	-3.7	0.3	-0.7	0.1
14	-4.7	-1.7	8.6	7.0	12.8	7.6	2.0	0.1	-4.0	0.1	-1.1	-0.4
15	-4.0	-1.9	8.5	6.4	12.4	6.8	1.9	-0.3	-4.3	0.3	-1.3	-0.4
16	-3.3	-1.7	7.8	6.0	12.2	6.3	1.8	-1.2	-4.5	1.8	-1.5	0.0
17	-2.5	-2.0	6.8	5.9	12.0	6.0	1.7	-1.3	-4.8	3.0	-2.0	-0.2
18	-1.7	-1.9	5.8	5.9	11.9	5.7	1.7	-1.3	-5.0	4.1	-2.4	-0.1
19	1.4	-1.1	4.7	6.4	11.8	5.4	1.5	-1.7	-5.0	4.8	-2.6	-0.2
20	4.2	-0.3	3.8	7.2	11.4	5.2	1.5	-2.0	-4.9	5.3	-2.9	-0.1
21	7.7	1.1	3.4	8.4	11.2	5.5	1.6	-1.6	-4.6	5.5	-3.2	0.1
22	8.5	2.2	3.5	9.4	10.8	6.0	1.5	-1.5	-4.0	5.5	-3.6	0.4
23	10.0	3.2	3.9	10.2	10.4	6.3	1.7	-1.2	-2.3	5.6	-3.8	1.2
24	11.4	4.1	4.2	10.7	10.0	6.2	2.2	-1.0	-0.7	6.0	-3.6	1.5
25	13.0	4.5	4.4	11.0	9.3	6.1	2.5	-0.9	-0.1	7.0	-3.4	1.3
26	14.2	4.8	4.3	11.5	8.4	5.5	2.8	-0.5	-0.3	8.3	-3.2	1.7
27	15.1	4.6	4.2	12.2	7.5	5.0	3.0	-0.5	-0.5	9.4	-3.0	2.1
28	15.6	4.1	4.6	12.8	6.9	4.5	3.1	-1.0	-1.2	10.3	-2.5	2.5
29	16.2		5.3	12.8	6.3	4.6	3.2	-1.5	-1.9	10.2	-1.9	3.3
30	16.2		5.9	12.5	5.6	5.2	3.5	-1.4	-2.6	9.9	-1.9	3.7
31	16.0		6.4		4.7		3.0	-0.4		9.0		4.6

8:00 a. m. readings

1953
MISSISSIPPI RIVER
H. W. 149

37

Zero of gage: 205.31 m. s. l. (205.58 m. g. l.) 770.4 R miles A. H. P.
Lat.: 35° 31' 13" - Long.: 89° 55' 57"
Memphis Dist., CE gage.

Vertical staff gage located at Morgan Point, Ark., opposite Richardson's Landing.

Highest: 22.40 on 23-24 May.

Lowest: -5.80 on 19-21 November.

Period of record: July 1928 to date.

Highest for period of record: 251.10 m. g. l. on 9 February 1937 (old H. W. 149 mile 770.3 R.)

Lowest for period of record: -5.80 on 19-21 November 1953.

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R, 6 September 1939.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-1.9	10.8	17.3	17.7	15.5	17.8	6.1	2.0	-0.4	-4.3	-5.3	-5.6
2	-2.0	11.0	17.1	17.5	15.4	17.0	6.2	1.7	-0.4	-4.4	-5.3	-5.5
3	-1.8	11.5	16.7	17.3	15.9	16.0	6.4	1.6	-0.5	-4.8	-5.4	-5.5
4	-1.4	11.4	16.2	17.8	16.5	15.0	6.7	1.7	-0.8	-5.0	-5.5	-5.4
5	-1.0	11.0	16.5	18.5	16.5	13.5	6.7	1.8	-1.2	-5.2	-5.5	-5.4
6	-0.7	10.5	17.5	19.4	16.2	12.2	7.0	1.8	-1.6	-5.3	-5.5	-5.1
7	-0.7	9.8	19.0	19.8	15.9	11.0	7.0	1.7	-1.9	-5.3	-5.5	-4.7
8	-0.8	9.3	20.0	19.9	16.1	10.2	7.3	1.7	-2.0	-5.1	-5.5	-4.6
9	-0.6	9.0	20.6	19.8	16.1	9.6	7.7	2.0	-1.9	-4.9	-5.5	-4.2
10	0.5	8.8	21.0	19.2	15.8	9.2	7.8	2.2	-2.0	-5.0	-5.5	-4.1
11	1.6	8.6	21.2	18.4	15.6	9.0	8.0	2.3	-2.3	-5.0	-5.6	-4.2
12	2.1	8.7	21.0	17.7	15.6	9.0	8.2	2.6	-2.7	-5.1	-5.6	-3.8
13	2.9	8.3	20.5	17.1	15.8	9.1	8.2	3.2	-3.0	-5.1	-5.5	-3.0
14	4.9	8.6	19.9	16.5	16.1	9.0	7.6	3.4	-3.5	-5.3	-5.4	-2.8
15	7.0	10.1	19.3	16.0	16.3	9.0	7.1	3.4	-3.7	-5.5	-5.3	-3.2
16	9.0	12.1	18.5	15.7	16.3	8.9	6.7	3.4	-3.8	-5.6	-5.4	-3.2
17	10.3	13.2	18.2	15.3	16.7	9.0	5.7	3.5	-3.7	-5.6	-5.5	-2.4
18	11.0	13.9	18.3	15.1	17.2	9.5	5.0	3.2	-3.7	-5.3	-5.7	-2.3
19	10.9	14.0	18.2	14.8	18.4	10.0	4.5	2.7	-3.5	-5.4	-5.8	-2.6
20	10.0	13.7	18.2	14.8	19.8	9.8	4.0	2.6	-3.7	-5.3	-5.8	-2.7
21	9.1	13.2	18.4	15.0	21.0	9.5	4.0	2.6	-3.9	-5.4	-5.8	-2.6
22	8.7	12.7	18.6	15.2	22.0	9.3	4.2	2.2	-4.2	-5.5	-5.6	-2.6
23	8.9	12.4	18.8	15.3	22.4	9.0	3.7	1.7	-4.2	-5.5	-5.7	-2.8
24	9.3	12.6	18.8	15.4	22.4	8.6	3.7	1.2	-4.0	-5.5	-5.7	-2.7
25	10.0	13.8	19.1	15.4	22.1	7.8	4.0	0.8	-4.0	-5.6	-5.5	-2.7
26	10.5	15.2	19.6	15.4	21.4	6.8	4.1	0.4	-4.0	-5.7	-5.0	-3.0
27	10.9	16.4	19.9	15.3	20.2	5.0	4.1	0.2	-4.1	-5.6	-5.3	-3.5
28	11.3	17.0	19.8	15.5	19.5	5.5	3.8	0.0	-4.2	-5.6	-5.5	-3.7
29	11.1		19.3	15.6	19.1	5.6	3.5	0.1	-4.2	-5.6	-5.7	-3.5
30	10.8		18.7	15.9	18.8	5.9	3.1	0.1	-4.3	-5.6	-5.7	-3.5
31	10.7		18.1		18.4		2.3	-0.2		-5.5		-3.6

8:00 a. m. readings

NOV. 1953 (CLASS A)

1952
MISSISSIPPI RIVER
H. W. 149

39

Zero of gage: 205.31 m.s.l. (205.58 m.g.l.) 770.4 R. miles A.H.P.
Lat. 35° 31' 13" - Long. 89° 55' 57"
Memphis District, CE gage.

Vertical staff gage located at Morgan Point, Ark., opposite Richardson's Landing.

Highest: 32.50 on 1 April.

Lowest: -5.10 on 9 November.

Period of record: July 1928 to date.

Highest for period of record: 251.10 m.g.l. on 9 February 1937, (old H. W. 149 mile 770.3 R.)

Lowest for period of record: -5.10 on 9 November 1952.

Note: Daily readings, 15 July 1930 to date. Gage combined with L. W. Gage 184.7 R, 6 September 1939.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	24.0	23.7	16.0	32.5	25.9	15.7	11.7	2.5	1.2	-3.3	-4.2	-2.0
2	24.1	24.1	14.9	32.0	25.9	15.5	10.6	2.2	0.8	-3.4	-4.2	-2.1
3	24.3	24.7	13.8	31.7	26.0	15.0	9.8	2.0	0.2	-3.4	-4.3	-2.2
4	24.5	25.2	13.0	31.5	26.1	14.4	9.5	1.7	0.2	-3.6	-4.6	-2.1
5	24.4	25.8	12.2	31.1	26.4	13.8	9.3	1.6	0.5	-3.6	-4.7	-1.9
6	24.2	26.5	12.7	30.9	26.5	13.5	9.3	1.5	0.6	-3.7	-4.7	-1.6
7	24.0	27.1	13.7	30.4	26.6	13.2	9.1	1.7	0.5	-3.8	-4.8	-0.9
8	23.6	27.5	15.0	30.1	26.7	13.0	8.5	1.8	0.4	-3.6	-5.0	-0.3
9	23.3	28.0	16.1	29.8	26.6	12.6	8.0	2.0	0.5	-3.8	-5.1	0.2
10	23.4	28.7	16.1	29.4	26.2	12.0	7.3	1.9	0.4	-4.0	-4.9	0.6
11	23.4	29.0	16.5	28.9	25.2	10.8	6.4	1.8	0.3	-4.3	-4.8	0.4
12	23.5	29.2	17.1	28.4	24.0	9.5	5.9	2.1	0.0	-4.5	-4.8	0.5
13	23.8	29.3	19.4	27.8	22.4	8.3	5.8	3.3	-0.7	-4.5	-4.5	1.1
14	24.1	29.5	21.6	27.0	20.6	8.4	5.7	4.3	-1.3	-4.3	-4.3	2.1
15	24.6	29.4	23.9	26.3	19.1	8.6	5.3	4.2	-1.7	-4.3	-4.4	2.8
16	24.9	29.2	25.3	26.0	18.0	8.3	5.4	3.7	-1.8	-4.0	-4.7	2.8
17	25.1	29.0	26.6	26.0	17.0	7.8	5.7	3.3	-1.8	-3.6	-4.8	2.7
18	24.9	28.7	27.5	25.8	16.0	7.5	5.8	3.1	-1.5	-3.7	-4.6	2.6
19	24.3	28.2	28.0	25.8	15.5	7.5	6.0	3.0	-1.1	-3.8	-4.4	2.6
20	23.3	28.0	28.6	25.8	15.1	7.7	6.0	3.1	-1.3	-4.0	-4.4	2.9
21	22.0	27.2	29.1	25.7	15.0	7.8	5.7	3.6	-1.7	-4.2	-4.3	3.2
22	20.6	26.0	29.5	25.5	14.9	7.7	5.2	3.7	-1.7	-4.2	-3.9	3.4
23	19.3	25.1	29.8	25.5	14.8	7.6	4.9	3.5	-1.3	-4.2	-3.1	3.2
24	18.4	23.3	30.0	25.4	14.7	7.6	4.9	3.1	-2.0	-4.1	-2.7	1.7
25	18.4	22.4	30.3	25.4	14.4	8.0	4.9	2.9	-2.4	-4.1	-2.4	0.3
26	19.1	20.9	30.6	25.5	14.2	8.6	4.8	3.3	-2.2	-4.4	-1.6	-0.5
27	20.0	19.5	31.1	25.7	14.0	9.4	4.3	4.0	-2.2	-4.3	-1.1	-1.0
28	20.9	18.4	31.6	25.8	14.1	10.8	3.6	4.4	-2.5	-4.5	-0.8	-0.9
29	21.7	17.2	32.0	25.9	14.5	12.0	3.2	4.2	-2.9	-4.7	-1.1	-0.8
30	22.3		32.3	25.9	15.1	12.3	3.0	3.4	-3.2	-4.7	-1.5	-0.8
31	23.0		32.4		15.7		2.7	2.2		-4.6		-1.1

8:00 a. m. readings.

ARND, CE MEMPHIS (CLASS 4)

1951
MISSISSIPPI RIVER
H.W. 149

39

ZERO OF GAGE: 205.31 M.S.L. (205.58 M.G.L.)
770.4 R. MILES A.H.P.
LAT. 35° 31' 13" N LONG. 89° 55' 57" W
MEMPHIS DISTRICT, CE GAGE

VERTICAL STAFF GAGE LOCATED AT MORGAN POINT, ARK., OPPOSITE
RICHARDSON'S LANDING.

HIGHEST: 30.10 ON 2 MARCH

LOWEST: 2.00 ON 24 OCT.

PERIOD OF RECORD: 15 JULY 1930 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 25.10 M.G.L. ON 9 FEB. 1937.
(OLD H.W. 149 MILE 770.3 R.)

LOWEST FOR PERIOD OF RECORD: 3.60 ON 27-28 OCT. 1939.
(FORMERLY L.W. 184.7 R., H.W. 149 READ ONLY AT FLOOD STAGES PRIOR TO
6 SEPT. 1939, AT WHICH TIME IT WAS COMBINED WITH THE L.W. GAGE.)

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	6.1	20.0	30.0	24.0	27.7	12.3	18.3	23.6	9.1	7.3	7.0	17.5
2	6.0	19.0	30.1	24.9	26.9	12.1	19.2	22.7	9.8	6.5	6.8	17.1
3	6.2	18.2	30.0	25.8	26.0	12.0	20.0	21.4	10.4	5.9	6.5	16.9
4	6.5	18.0	29.9	26.8	25.1	11.9	20.9	19.4	10.7	5.6	6.3	16.8
5	7.0	18.4	29.8	27.2	24.1	11.7	21.4	16.8	10.1	5.4	6.2	16.5
6	8.7	18.9	29.6	28.1	23.2	11.7	21.8	14.1	8.9	5.0	6.4	16.7
7	11.1	19.3	29.5	28.7	22.8	11.6	22.3	11.5	8.0	4.5	6.7	17.1
8	13.2	20.1	29.3	28.9	22.8	11.2	22.7	9.3	7.7	3.8	6.7	17.5
9	15.3	21.0	29.1	28.8	22.8	11.7	23.0	7.7	7.9	3.4	6.5	18.0
10	16.8	21.9	28.8	28.3	23.0	12.7	23.2	6.7	8.4	3.3	6.3	18.3
11	17.4	22.9	28.6	28.0	23.2	14.2	23.3	6.1	8.8	3.7	6.5	19.3
12	18.1	23.6	28.2	27.8	23.3	14.7	23.5	5.2	9.3	1.2	6.6	20.3
13	18.5	24.1	27.8	27.6	23.2	15.0	23.6	5.7	10.2	4.8	6.8	21.0
14	19.2	24.2	27.3	27.5	22.9	15.2	23.7	5.6	10.5	5.2	6.9	21.6
15	20.0	24.3	26.8	27.4	22.2	15.5	23.5	5.9	10.9	5.3	7.3	22.2
16	21.5	24.0	26.4	27.4	21.5	15.8	23.5	6.3	11.4	4.8	8.6	22.7
17	22.9	23.7	26.0	27.4	20.9	15.9	23.6	6.4	11.7	4.4	10.9	23.3
18	24.1	23.5	25.8	27.4	20.6	15.8	23.7	6.0	11.9	4.1	13.4	23.9
19	24.7	23.7	25.4	27.5	20.3	15.7	23.9	5.5	11.9	3.8	15.0	24.2
20	25.0	23.8	25.1	27.5	19.8	15.5	24.1	5.1	11.9	3.5	16.0	24.3
21	25.0	24.0	25.1	27.6	19.4	15.3	24.3	5.1	12.0	3.1	16.3	24.0
22	24.9	24.8	25.4	27.8	18.8	15.3	24.4	5.5	12.0	2.6	16.3	23.9
23	24.5	25.8	25.6	27.9	18.2	15.7	24.5	6.5	11.8	2.1	16.1	23.7
24	24.0	26.8	25.5	27.9	17.4	15.9	24.5	7.3	11.5	2.0	15.7	23.5
25	23.4	27.7	25.2	28.0	16.5	15.8	24.4	8.0	10.9	2.5	15.3	23.3
26	23.0	28.5	24.7	28.2	15.7	15.8	24.4	7.9	10.0	3.5	15.3	23.1
27	22.7	29.2	24.1	28.5	14.9	16.4	24.4	7.3	9.7	4.7	15.5	23.1
28	22.3	29.8	23.7	28.5	14.2	16.8	24.6	6.7	9.5	5.7	16.0	23.2
29	22.0		23.4	28.4	13.5	17.1	24.6	6.4	9.0	6.2	16.7	23.4
30	21.4		23.3	28.2	13.1	17.5	24.5	7.0	8.0	6.5	17.3	23.6
31	20.7		23.6		12.6		24.2	8.1		6.7		23.7

8:00 A.M. READINGS

1950
MISSISSIPPI RIVER
H. W. 149

ZERO OF GAGE: 205.31 M.S.L. (205.58 M.G.L.)
770.4 R. MILES A.H.P.
LAT. 35° 31' 13" - LONG. 89° 55' 57"
GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

VERTICAL STAFF GAGE LOCATED AT MORGAN POINT, ARK., OPPOSITE RICHARDSON'S LANDING.

HIGHEST: 36.35 ON 20 FEB.

LOWEST: 0.40 ON 5-6 NOV.

PERIOD OF RECORD: 15 JULY 1930 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 251.10 M.G.L. ON 9 FEB. 1937.
(OLD H.W. 149, MILE 770.3 R.)

LOWEST FOR PERIOD OF RECORD: -3.60 ON 27-28 OCT. 1939.

(FORMERLY L.W. 184.7 R., H.W. 149 READ ONLY AT FLOOD STAGES PRIOR TO 6 SEPT. 1939, AT WHICH TIME IT WAS COMBINED WITH THE L.W. GAGE.)

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	17.8	35.4	34.6	22.2	16.2	15.4	20.6	14.3	6.4	11.9	1.0	15.1
2	17.2	35.5	33.9	22.1	17.4	15.5	19.0	14.2	7.5	12.0	0.9	14.4
3	16.8	35.5	33.1	22.3	18.4	15.9	17.8	14.2	10.1	11.5	0.7	13.0
4	16.6	35.4	32.3	22.8	19.7	16.3	16.0	14.3	12.0	10.1	0.5	12.3
5	17.6	35.3	31.4	23.6	20.4	16.8	14.8	14.2	13.0	8.3	0.4	11.8
6	19.9	35.1	30.4	24.5	21.0	17.2	13.9	13.8	14.0	5.4	0.4	11.6
7	23.2	35.0	29.5	25.3	21.3	17.7	12.9	13.0	14.7	3.9	0.2	12.0
8	25.2	34.8	28.3	26.1	21.6	18.4	11.9	12.0	15.1	3.4	1.7	13.4
9	26.4	34.7	26.8	26.5	21.6	18.9	10.9	10.6	14.8	3.1	2.5	15.2
10	27.4	34.5	25.3	26.9	21.7	19.1	10.6	9.3	14.5	3.4	3.0	17.0
11	28.0	34.4	23.8	27.3	21.8	18.9	10.6	8.2	14.7	4.1	4.3	18.3
12	28.7	34.3	22.4	27.5	22.0	18.4	10.7	7.5	15.0	5.0	5.6	19.2
13	29.5	34.6	21.6	27.8	22.3	17.7	10.7	7.0	14.5	5.4	6.9	19.8
14	30.8	34.9	21.0	27.9	22.7	17.3	10.8	7.0	13.8	5.3	8.2	20.2
15	31.5	35.3	21.2	27.8	23.0	17.0	10.8	7.1	12.8	5.2	9.4	20.5
16	32.3	35.6	22.0	27.6	23.4	16.8	10.6	7.2	11.6	5.1	10.1	20.7
17	33.1	35.9	22.6	27.3	23.8	16.6	9.8	7.7	10.6	4.6	10.2	21.0
18	33.9	36.1	23.3	26.8	24.0	16.3	9.5	8.4	9.6	3.9	10.0	21.2
19	34.4	36.2	23.8	26.2	24.0	16.0	10.1	8.8	9.0	3.8	9.5	21.4
20	34.7	36.35	24.2	25.1	23.5	15.5	10.9	10.0	8.5	3.9	9.0	21.5
21	35.0	36.2	24.6	23.8	22.8	15.4	11.2	11.0	7.5	3.7	8.1	21.4
22	35.2	36.0	25.0	21.8	22.0	15.5	11.3	11.3	6.4	3.2	7.5	21.2
23	35.4	35.9	25.2	20.0	21.1	15.7	12.0	10.7	5.8	2.6	8.3	20.5
24	35.4	35.7	25.1	18.3	20.2	16.3	13.6	10.0	5.9	1.8	10.0	19.3
25	35.4	35.5	24.4	16.9	19.8	17.8	14.9	9.0	6.3	1.5	12.0	17.4
26	35.3	35.3	23.3	15.8	19.3	19.4	15.7	8.3	6.8	1.8	13.3	15.4
27	35.2	35.1	22.2	15.3	18.7	20.7	16.1	7.6	7.8	2.0	14.8	13.0
28	35.0	34.9	21.5	15.1	17.9	21.4	16.1	7.0	9.1	1.5	15.4	10.8
29	35.0		21.5	15.1	17.1	21.7	15.7	6.3	10.4	1.1	15.5	8.8
30	35.0		22.0	15.4	16.2	21.5	15.2	6.0	11.4	1.1	15.4	7.5
31	35.2		22.2		15.6		14.7	6.1		1.2		6.5

8:00 A.M. READINGS

1949
MISSISSIPPI RIVER
H. W. 149

43

ZERO OF GAGE: 205.31 M.S.L. (205.56 M.G.L.) (BANKFULL _____)

770.4 R. MILES A.H.P.

LAT. 35° 31' 13" - LONG. 89° 55' 57"

GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

VERTICAL STAFF GAGE LOCATED AT MORGAN POINT, ARK., OPPOSITE RICHARDSON'S LANDING.

HIGHEST: 31.30 ON 4-5 FEB.

LOWEST: -0.50 ON 5 OCT.

PERIOD OF RECORD: 15 JULY 1930 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 251.10 M.G.L. ON 9 FEB. 1937.

(OLD H.W. 149, MILE 770.3 R.)

LOWEST FOR PERIOD OF RECORD: -3.60 ON 27-28 OCT. 1939.

(FORMERLY L.W. 184.7 R., H.W. 149 READ ONLY AT FLOOD STAGES PRIOR TO 6 SEPT. 1939, AT WHICH TIME IT WAS COMBINED WITH THE L.W. GAGE.)

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	19.7	30.3	30.1	26.4	14.3	10.9	13.1	7.5	2.0	0.7	6.9	0.7
2	18.8	30.8	30.2	27.0	14.1	11.2	13.9	6.2	2.6	0.2	5.9	1.3
3	17.9	31.1	30.1	27.5	14.0	11.1	14.1	5.6	2.8	-0.1	5.8	1.7
4	17.0	31.3	29.9	28.0	14.0	11.1	13.7	5.5	2.7	-0.4	6.7	2.8
5	16.2	31.3	29.6	28.4	14.4	10.8	13.2	5.5	2.6	-0.5	7.1	2.7
6	16.0	31.2	29.2	28.7	15.0	10.1	12.8	5.5	2.5	0.0	7.0	2.4
7	17.2	31.1	28.6	28.7	15.2	9.2	12.1	5.2	2.4	0.9	6.8	2.5
8	19.0	31.0	27.8	28.5	15.1	9.8	10.8	4.6	2.4	2.7	6.9	2.5
9	20.7	30.8	27.0	28.0	14.6	11.1	9.5	4.2	1.9	4.2	7.0	2.6
10	22.1	30.6	25.8	27.1	13.8	11.5	8.2	4.1	1.2	4.7	6.8	2.7
11	23.1	30.2	24.5	26.2	12.9	11.6	7.5	4.1	0.8	5.0	6.5	2.1
12	23.9	29.8	23.7	25.0	12.6	11.0	7.2	3.5	0.3	5.1	5.5	1.8
13	24.5	29.4	23.7	23.7	12.5	10.0	7.7	2.7	0.2	4.8	4.0	2.2
14	25.0	29.0	24.0	22.5	12.0	9.4	9.0	2.2	0.5	4.6	2.6	4.3
15	25.3	28.5	24.2	21.4	11.4	9.0	10.3	2.3	0.7	5.2	2.4	7.8
16	25.7	28.0	24.4	20.9	10.7	9.2	11.2	2.5	2.3	5.8	2.4	11.3
17	26.0	27.6	24.4	20.7	10.0	9.6	12.1	3.3	4.5	6.0	2.1	13.7
18	26.3	27.5	24.3	20.7	9.4	11.3	12.5	4.1	5.9	5.9	1.4	15.3
19	26.3	27.5	24.2	20.6	8.4	13.9	13.0	4.5	7.0	5.7	1.1	16.1
20	26.3	27.6	23.9	20.4	7.9	16.0	13.4	4.8	7.3	5.9	1.0	17.1
21	26.1	27.7	23.7	20.2	7.5	17.4	13.6	5.0	7.0	5.3	0.9	17.5
22	26.0	27.8	23.5	20.0	7.4	18.0	13.7	5.3	6.5	5.3	0.8	17.9
23	25.8	28.1	23.1	20.0	7.4	17.8	13.7	5.1	5.7	5.0	0.7	18.0
24	25.4	28.4	22.7	19.8	7.3	17.0	14.0	4.9	5.0	5.4	0.8	18.2
25	25.2	28.8	22.3	19.3	7.6	15.7	14.0	4.8	4.3	7.4	0.7	18.6
26	25.6	29.2	22.0	18.3	7.8	14.3	13.4	4.8	3.2	9.5	0.6	19.3
27	26.6	29.7	22.0	17.3	8.5	13.1	12.7	4.2	2.2	10.8	0.5	19.8
28	27.4	30.0	22.7	16.3	9.3	12.3	11.8	3.2	1.5	10.7	0.3	19.6
29	28.1		23.8	15.4	10.2	11.8	11.0	2.5	1.2	9.8	0.4	19.1
30	28.8		24.8	14.8	10.7	12.2	10.1	1.9	1.0	8.9	0.5	18.6
31	29.5		25.8		10.8		9.1	1.6		8.0		18.2

8:00 A. M. READINGS

1948
MISSISSIPPI RIVER
H. W. 149

43

ZERO OF GAGE: 205.31 M.S.L. (205.58 M.G.L.) (BANKFULL _____)
770.4 R. MILES A.H.P.
LAT. 35° 31' 13" - LONG. 89° 55' 57"
GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

VERTICAL STAFF GAGE LOCATED AT MORGAN POINT, ARK., OPPOSITE RICHARDSON'S LANDING.

HIGHEST: 32.49 ON 6-7 APRIL.

LOWEST: -2.30 ON 5 OCTOBER.

PERIOD OF RECORD: 15 JULY 1930 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 251.10 M.G.L. ON 9 FEBRUARY 1937.
(OLD H.W. 149, MILE 770.3 R.)

LOWEST FOR PERIOD OF RECORD: -3.60 ON 27-28 OCTOBER 1939.
(FORMERLY L.W. 184.7 R., H.W. 149 READ ONLY AT FLOOD STAGES PRIOR TO 6 SEPTEMBER 1939, AT WHICH TIME IT WAS COMBINED WITH THE L.W. GAGE.)

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	1.7	3.6	27.7	30.2	29.2	8.4	14.0	16.1	0.6	-0.7	-1.5	11.6
2	1.5	2.9	27.5	30.9	28.7	7.3	13.7	15.6	0.9	-1.4	-1.6	12.5
3	2.0	2.4	27.2	31.5	27.9	6.4	13.0	14.7	0.8	-2.0	-1.7	13.9
4	5.7	2.0	26.9	32.0	26.6	5.6	12.8	13.1	0.5	-2.2	-1.7	14.8
5	9.2	2.2	26.9	32.2	24.5	5.1	12.6	11.5	0.4	-2.3	-1.0	15.5
6	10.9	2.5	27.2	32.49	22.0	5.1	12.4	10.7	0.1	-1.9	0.0	16.6
7	11.8	2.8	27.5	32.49	19.5	5.0	12.0	10.5	0.1	-1.3	0.8	17.0
8	12.3	3.2	27.8	32.3	17.5	4.8	11.1	10.2	0.1	-1.3	3.1	17.8
9	12.6	4.6	27.9	32.2	16.3	4.3	10.5	9.7	0.3	-1.7	5.5	18.0
10	12.6	6.2	28.0	32.0	16.1	4.1	10.2	9.3	0.4	-2.0	6.7	17.7
11	12.6	7.6	27.9	31.5	16.0	3.9	9.4	9.0	0.4	-2.0	7.0	16.9
12	12.6	8.3	27.7	31.0	16.2	4.1	8.5	8.5	0.5	-2.0	7.2	15.7
13	12.4	9.1	27.3	30.7	16.3	4.6	8.1	7.9	0.1	-2.0	7.4	14.3
14	12.0	10.4	26.7	30.3	16.8	4.8	7.4	7.4	-0.7	-1.4	7.4	12.9
15	11.3	12.5	25.4	29.9	17.1	4.7	6.7	6.9	-0.6	-0.8	6.7	11.5
16	10.7	15.5	23.1	29.8	17.3	4.6	6.0	6.0	-0.4	-0.9	5.7	10.8
17	9.8	18.8	20.5	29.7	17.4	4.8	5.1	5.0	-0.4	-1.4	5.4	10.0
18	8.9	21.0	19.0	29.6	18.0	5.2	5.0	4.4	-0.6	-1.8	5.0	10.1
19	8.2	22.8	18.7	29.5	18.5	5.6	5.7	4.4	-1.2	-1.8	4.9	11.6
20	7.8	24.1	19.2	29.5	18.4	5.5	6.4	4.3	-1.4	-1.2	4.6	14.0
21	7.7	25.1	20.2	29.5	17.9	5.3	6.7	3.9	-1.6	-0.6	5.1	16.2
22	7.7	25.8	21.4	29.5	17.3	5.5	7.1	3.2	-1.8	-0.1	7.0	17.7
23	7.4	26.3	22.4	29.6	16.5	5.9	7.8	2.9	-1.6	-0.1	8.6	18.8
24	6.5	26.7	23.5	29.7	15.6	6.8	8.5	2.7	-1.4	-0.6	9.8	19.4
25	5.0	27.2	24.5	29.7	14.5	7.6	9.3	2.6	-0.6	-0.8	10.0	19.7
26	3.0	27.6	25.5	29.8	13.8	8.4	10.1	2.6	-0.4	-0.8	9.8	19.6
27	2.5	27.7	26.4	29.8	13.1	9.8	11.2	2.4	-0.3	-0.9	9.5	19.6
28	2.1	27.9	27.2	29.8	12.4	11.6	12.2	2.1	-0.4	-1.1	9.5	19.9
29	2.4	27.9	27.9	29.7	11.8	12.8	13.4	1.6	-0.2	-1.4	10.2	20.2
30	3.0		28.5	29.5	10.5	13.7	15.2	0.9	-0.2	-1.6	10.9	20.3
31	3.6		29.4		9.5		16.0	0.6		-1.6		20.1

8:00 A.M. READINGS.

1947
MISSISSIPPI RIVER
H.W. 149

43

ZERO OF GAGE 205.30 M.S.L. (205.58 M.G.L.) (BANKFULL)
770.4 R. MILES A.H.P.
LAT. 35° 31' 13" - LONG. 89° 55' 57"
GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENNESSEE

VERTICAL STAFF GAGE LOCATED AT MORGAN POINT, ARK., OPPOSITE
RICHARDSON'S LANDING.

HIGHEST: 29.00 ON 23-24 APRIL.
LOWEST: -1.40 ON 21 OCTOBER.
PERIOD OF RECORD: 15 JULY 1930 TO DATE.
HIGHEST FOR PERIOD OF RECORD: 251.10 M.G.L. ON 9 FEB. 1937.
(OLD H.W. 149, MILE 770.3 R.)
LOWEST FOR PERIOD OF RECORD: -3.60 ON 27-28 OCT. 1939.
(FORMERLY L.W. 184.7 R., H.W. 149 READ ONLY AT FLOOD STAGES
PRIOR TO 6 SEPT. 1939, AT WHICH TIME IT WAS COMBINED WITH
THE L.W. GAGE.)

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	7.5	24.0	7.5	14.3	28.0	23.5	25.3	8.0	4.9	1.3	1.0	3.5
2	9.1	23.7	7.0	14.9	28.1	23.5	25.3	7.8	4.2	1.1	1.0	3.6
3	10.2	23.2	6.7	15.5	28.2	23.5	25.1	7.7	3.6	6.7	1.4	3.5
4	11.8	22.8	6.4	16.2	28.3	23.6	25.2	7.5	3.3	0.2	1.7	3.3
5	14.3	22.2	6.3	17.0	28.3	23.8	25.4	7.2	3.1	-0.1	2.5	2.3
6	16.3	21.8	6.3	17.6	28.2	24.0	25.7	7.0	3.0	-0.6	2.7	1.3
7	17.7	21.5	6.3	18.0	28.1	24.0	26.0	6.7	3.0	-0.7	2.5	0.9
8	19.0	21.2	6.2	18.2	27.9	24.0	26.4	6.4	2.8	-0.4	2.6	0.4
9	19.9	20.6	6.8	19.0	27.5	24.0	26.5	6.2	2.2	-0.4	3.0	0.4
10	20.6	19.7	7.8	20.6	27.0	24.0	26.3	6.0	2.3	-0.4	3.4	2.2
11	20.8	18.7	8.8	22.0	26.3	24.0	26.1	5.9	2.9	-0.2	3.5	3.9
12	20.4	17.9	9.6	23.2	25.5	24.0	25.8	5.8	3.6	-0.2	3.4	3.3
13	19.6	16.8	10.2	24.1	24.5	24.0	25.5	5.9	4.0	-0.6	3.3	2.5
14	18.6	15.5	10.9	25.0	23.5	24.2	25.1	6.1	4.0	-0.9	3.2	6.8
15	17.5	14.0	11.4	25.6	22.0	24.5	24.5	5.5	3.3	-0.9	3.0	6.7
16	16.3	12.3	11.6	26.2	20.9	24.9	23.7	4.7	2.0	-0.5	2.8	6.2
17	15.2	10.5	11.8	26.8	19.7	25.5	22.6	4.4	1.4	-0.1	2.9	5.6
18	14.7	8.5	12.2	27.3	18.6	26.0	21.4	4.6	1.8	-0.5	3.4	5.6
19	14.9	6.8	13.5	27.8	17.6	26.4	19.4	4.7	2.0	-0.9	4.0	5.9
20	16.0	7.0	14.9	28.2	16.9	26.9	17.6	4.2	1.9	-1.2	4.3	6.0
21	17.4	7.5	15.5	28.5	16.2	27.2	16.5	4.2	2.0	-1.4	4.3	5.9
22	18.9	7.8	15.8	28.8	16.0	27.3	15.5	4.4	2.0	-1.2	4.1	5.4
23	20.8	8.2	16.2	29.0	16.5	27.4	14.5	4.4	1.4	-0.8	3.9	5.0
24	21.8	9.3	16.4	29.0	17.7	27.2	13.7	4.3	1.0	-0.2	3.5	4.9
25	22.5	9.8	16.1	28.9	19.0	26.8	12.8	4.3	0.9	0.0	3.5	5.0
26	23.0	9.8	15.7	28.6	20.0	26.5	11.9	4.2	1.5	-0.6	3.6	4.6
27	23.3	9.4	15.3	28.2	20.9	26.2	10.9	4.0	2.5	-0.8	3.5	3.5
28	23.4	8.1	14.7	28.0	21.8	26.0	9.9	4.4	2.8	-0.4	3.3	2.1
29	23.8		14.2	27.8	22.6	25.5	9.0	4.8	2.2	0.4	3.2	1.3
30	24.1		14.0	27.9	23.1	25.4	8.2	5.0	1.5	1.0	3.3	1.2
31	24.1		14.1		23.4		8.0	5.1		1.2		1.6

8:00 A.M. READINGS

1997

RIVER STAGES

Mississippi

River Gauge at H.W. 149 (184.6R)*

for the calendar year 1946

Zero elevation 205.58 feet above M.G.L.
205.31 M.S.L.

Bank full stage feet on gauge A.H.P. Mile 770.4R

U.S.C.S.M.C-6-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	13.80	15.50	24.90	25.20	9.10	18.80	18.40	4.70	2.90	1.80	3.80	10.10	1
2	14.00	13.50	23.80	25.30	9.20	17.80	17.70	4.30	2.60	1.80	3.90	10.10	2
3	13.90	12.50	22.70	25.30	10.00	16.90	16.70	4.50	2.10	2.10	4.00	9.00	3
4	13.80	11.80	21.40	25.10	11.20	16.20	15.70	4.50	1.60	2.10	4.50	8.00	4
5	13.90	11.20	20.30	24.80	12.20	15.70	14.50	4.00	1.60	1.70	7.20	7.50	5
6	14.00	11.80	19.00	24.20	12.90	15.80	13.50	4.00	1.80	1.40	10.70	6.80	6
7	13.90	12.90	18.00	23.40	13.30	16.40	12.70	4.00	1.50	1.20	12.70	5.80	7
8	13.80	14.60	17.30	22.30	13.90	17.20	12.10	4.70	0.80	1.10	13.40	4.80	8
9	15.00	16.60	17.60	21.20	14.60	18.00	11.70	5.50	0.30	1.00	13.20	4.00	9
10	19.20	18.50	18.70	20.10	15.00	18.60	11.70	5.70	0.00	0.80	13.00	3.50	10
11	23.00	19.80	19.70	19.00	15.10	18.80	11.70	5.10	-0.20	0.30	12.40	3.20	11
12	25.40	21.20	20.70	18.20	15.00	18.70	11.60	4.80	0.10	-0.40	11.50	3.00	12
13	27.10	22.00	21.30	17.50	15.10	18.20	11.80	4.30	1.80	-0.80	11.20	3.00	13
14	28.10	22.80	21.70	16.60	15.40	17.30	11.50	3.60	3.00	-0.60	11.50	3.80	14
15	29.20	23.60	21.80	15.30	15.80	16.10	11.10	3.10	3.20	0.00	12.10	5.90	15
16	30.10	24.70	21.80	14.20	16.00	14.50	10.80	2.90	2.90	0.30	12.10	7.90	16
17	31.10	25.90	21.60	13.40	15.80	13.00	10.20	2.80	2.60	0.20	11.60	9.30	17
18	32.00	26.50	21.20	12.60	15.60	12.20	9.80	3.60	2.80	0.00	10.90	10.50	18
19	32.40	27.00	21.10	12.00	16.00	11.60	9.40	7.20	2.90	0.70	10.30	11.20	19
20	32.80	27.30	21.20	11.80	16.80	11.30	8.90	10.60	2.40	1.70	10.50	11.70	20
21	33.00	27.60	21.60	11.70	17.80	11.30	8.40	11.70	2.00	2.80	11.30	11.60	21
22	33.00	27.70	21.80	11.60	18.90	12.00	8.20	11.90	1.70	3.60	11.00	11.20	22
23	32.80	27.80	22.10	11.50	19.80	13.40	8.40	11.60	1.50	4.00	10.30	10.40	23
24	32.50	27.90	22.50	11.20	20.20	15.00	9.00	11.10	1.20	4.50	9.80	9.20	24
25	31.80	27.70	23.00	10.70	20.30	16.50	9.40	10.00	1.40	4.90	9.30	7.70	25
26	31.00	27.40	23.80	10.20	20.40	17.90	9.50	8.60	1.70	5.20	8.90	6.80	26
27	29.80	26.80	24.10	9.70	20.60	18.60	9.00	7.20	1.60	5.40	8.30	6.30	27
28	27.90	25.90	24.30	9.20	20.80	18.90	8.10	6.20	1.90	5.40	8.10	6.30	28
29	24.80		24.50	8.90	20.60	18.90	6.80	5.20	1.70	4.60	8.80	6.50	29
30	21.50		24.80	9.00	20.30	18.70	5.80	4.10	1.60	3.80	9.70	6.30	30
31	18.50		25.00		19.70		5.30	3.40		3.70		6.40	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. readings.

Highest: 33.00 on 21-22 Jan.

Lowest: -0.80 on 13 Oct.

Period of record: 15 July 1930 to date.

Highest for period of record: 251.10 M.G.L. on 9 Feb 1937. (Old H.W. 149, Mile 184.7R).

Lowest for period of record: -3.60 on 27-28 Oct 1939.

*Formerly L.W. 184.7R, H.W. 149 read only at flood stages prior to 6 Sept 1939, at which time it was combined with the L.W. gage.

RIVER STAGES

Mississippi River Gauge at H. W. 149 (184.6R)* for the calendar year 1945

Zero elevation 205.58 feet above M. G. L.

Bank full stage feet on gauge A. H. P. Miles 770.4R.

U.S.C. 5M. 5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.20	7.60	26.30	35.00	28.20	26.20	27.20	7.30	4.30	13.80	5.10	15.50	1
2	13.30	6.20	26.90	35.20	27.80	25.60	26.20	7.30	3.20	15.00	4.80	15.00	2
3	15.40	5.50	27.50	35.40	27.30	24.70	24.50	7.70	2.20	16.20	4.80	14.10	3
4	17.80	5.20	28.00	35.60	26.70	23.70	22.60	8.00	1.20	17.30	3.80	13.20	4
5	19.50	4.90	28.50	35.60	26.30	22.70	21.20	8.50	0.90	17.60	3.10	12.30	5
6	20.60	4.50	28.90	35.70	25.80	21.60	20.30	8.80	0.80	17.40	3.40	11.30	6
7	21.60	4.10	29.60	35.79	25.00	20.60	19.80	8.70	1.50	17.30	3.90	10.80	7
8	22.00	3.80	30.30	35.79	24.00	19.60	19.30	8.40	1.60	16.90	4.10	10.50	8
9	22.30	3.50	31.10	35.50	22.80	19.20	18.70	8.60	1.60	16.30	4.60	11.40	9
10	22.30	3.70	32.10	35.10	22.00	19.40	17.80	9.10	1.10	15.20	5.00	12.40	10
11	22.20	4.20	32.90	34.60	21.20	20.50	16.60	9.00	1.10	14.00	5.20	13.00	11
12	22.00	4.50	33.60	34.00	20.70	21.90	15.50	7.80	1.40	13.00	6.30	13.30	12
13	21.70	4.80	34.10	33.20	21.50	22.90	14.90	7.50	2.20	12.40	7.00	13.00	13
14	21.20	5.10	34.40	32.60	21.90	23.70	14.40	8.00	2.40	12.00	7.30	13.00	14
15	20.60	6.10	34.60	31.80	22.00	24.50	13.60	8.20	2.50	11.60	7.50	13.10	15
16	19.80	7.60	34.62	31.20	21.90	25.10	12.80	8.40	2.60	11.00	8.20	12.80	16
17	18.70	9.20	34.60	30.70	21.60	25.90	12.30	8.40	3.00	10.20	9.10	12.00	17
18	17.60	10.50	34.50	30.40	21.80	26.40	11.70	8.30	3.30	8.90	9.60	12.80	18
19	16.60	12.00	34.50	30.20	22.30	26.80	11.10	8.00	3.30	6.90	10.10	13.60	19
20	15.80	14.40	34.70	30.10	22.90	27.20	10.90	7.60	3.70	5.40	10.30	13.40	20
21	15.00	16.80	34.80	30.00	23.50	27.40	10.70	7.70	3.80	4.80	10.20	12.90	21
22	14.60	19.20	34.90	29.80	24.10	27.60	10.60	7.80	3.60	4.40	10.00	11.90	22
23	14.20	20.90	35.00	29.80	24.70	27.70	10.20	7.50	3.50	4.00	10.00	10.50	23
24	14.00	22.20	35.10	29.70	25.30	27.80	9.20	6.90	3.60	4.20	10.80	8.90	24
25	13.70	23.30	35.20	29.60	25.80	28.00	8.50	6.10	4.20	4.60	12.00	7.20	25
26	13.30	24.10	35.40	29.50	26.40	28.10	8.40	5.50	5.00	4.90	13.50	6.10	26
27	12.60	24.90	35.40	29.40	26.80	28.10	8.60	5.50	7.30	4.50	14.40	6.70	27
28	11.60	25.50	35.32	29.20	27.00	28.10	8.90	5.70	9.80	4.30	14.80	7.70	28
29	10.50		35.20	29.00	27.00	28.00	8.90	5.70	11.50	4.60	15.50	9.00	29
30	9.70		35.10	28.60	27.00	27.80	8.50	5.00	12.50	5.20	15.70	10.50	30
31	8.70		35.20		26.70		7.90	4.50		5.30		12.60	31
Sum													
Mean	NOTE: "Time basis Central War Time during the interim 2:00 a.m. 9 February 1942 to 2:00 a.m. 30 September 1945. To convert War Time to Standard Time, subtract one hour."												
High													
Low													

Remarks: 8:00 a.m. readings

Highest: 35.79 on 7-8 April.

Lowest: 0.90 on 5 Sept.

Period of record: 15 July 1930 to date.

Highest for period of record: 251.10 M.G.L. on 9 Feb. 1937. (Old H.W. 149, Mile 184.7R)

Lowest for period of record: -3.60 on 27-28 Oct. 1939.

*Formerly L. W. 184.7 R. H.W. 149 read only at flood stages prior to 6 Sept. 1939. at which time it was combined with the L. W. Gage.

RIVER STAGES

Mississippi River Gauge at H. W. 149 (184.6 R)* for the calendar year 1944

Zero Elevation 205.58 feet above M.G.L.

Bank full stage feet on gauge. A.H.P. Miles 770.4 R.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	1.50	1.10	18.00	26.60	33.30	18.50	16.60	6.50	5.70	3.10	0.90	2.80	1
2	1.40	1.50	19.50	27.00	33.40	18.90	16.90	6.10	6.90	3.00	0.20	3.40	2
3	1.70	1.80	20.90	27.50	33.50	19.40	16.90	6.30	8.40	3.30	0.10	3.50	3
4	2.20	2.70	21.90	27.80	33.60	19.90	16.50	6.40	10.00	4.70	0.10	3.60	4
5	2.60	3.30	22.60	28.20	33.60	20.20	16.00	6.50	11.00	6.00	-0.10	3.60	5
6	3.20	3.70	23.30	28.50	33.40	20.30	15.50	6.00	11.00	6.70	-0.20	3.60	6
7	4.70	3.80	23.80	28.60	33.40	20.20	15.00	5.00	10.00	7.10	-0.30	3.60	7
8	6.30	3.80	24.20	28.70	33.10	19.80	14.60	4.10	9.60	7.20	-0.10	2.90	8
9	7.00	3.60	24.60	28.60	33.10	19.30	14.40	3.70	9.20	7.30	-0.10	2.50	9
10	7.20	2.20	24.90	28.30	33.10	18.50	14.10	3.70	8.30	7.60	0.20	2.30	10
11	7.20	1.40	25.10	27.60	33.00	17.60	13.70	4.20	7.40	7.60	0.80	2.30	11
12	7.20	1.90	25.20	26.40	32.90	16.70	13.50	4.40	6.20	7.10	1.40	3.80	12
13	7.30	3.60	25.20	25.30	32.60	15.80	13.30	4.80	5.30	6.60	1.50	5.70	13
14	7.40	6.10	25.10	25.00	32.10	15.20	13.00	5.20	5.00	6.00	1.40	6.70	14
15	7.30	7.00	25.00	25.40	31.40	14.70	12.60	4.80	4.60	5.40	1.30	7.00	15
16	5.80	7.10	24.80	26.20	30.80	14.20	12.30	4.30	4.00	4.70	1.10	6.70	16
17	3.30	7.20	24.40	27.00	30.20	14.20	11.80	4.10	3.30	3.80	1.00	6.00	17
18	1.70	7.00	23.80	27.90	29.50	14.30	10.90	3.90	2.60	3.50	0.70	5.30	18
19	1.50	6.30	23.20	28.70	28.50	14.40	10.30	3.50	2.00	3.20	0.60	4.80	19
20	1.60	7.00	22.60	29.50	27.10	14.50	10.00	3.60	1.70	2.40	0.40	3.80	20
21	1.80	8.50	22.40	30.30	25.30	14.40	9.60	4.00	1.60	1.70	0.90	2.40	21
22	1.80	10.40	22.80	31.00	23.30	14.60	9.10	4.30	1.50	1.10	1.50	1.90	22
23	1.70	11.80	23.80	31.60	21.50	14.80	8.80	4.30	1.20	0.50	1.70	2.00	23
24	1.70	12.80	24.50	31.90	19.90	14.50	8.60	4.30	0.80	0.60	2.10	2.50	24
25	2.00	13.60	25.40	32.10	18.80	14.30	8.20	4.40	0.90	1.60	2.50	2.90	25
26	2.10	14.30	25.90	32.30	18.00	14.80	8.10	4.90	1.20	2.10	2.70	3.20	26
27	1.90	15.20	26.30	32.60	17.60	15.20	8.00	5.00	1.70	2.40	2.90	3.20	27
28	1.60	16.40	26.30	32.80	17.40	15.50	7.70	4.70	1.80	3.00	3.30	4.00	28
29	1.20	17.00	26.30	33.00	17.50	15.90	7.50	4.20	2.10	3.30	3.10	5.00	29
30	0.90		26.30	33.10	17.80	16.30	7.30	4.70	2.60	3.00	2.70	6.30	30
31	0.80		26.40		18.10		6.90	5.30		2.30		8.50	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings (Central War Time).

Highest: 33.60 on 4-5 May.

Lowest: -0.30 on 7 Nov.

Period of record: 15 July 1930 to date.

Highest for period of record: 251.10 M.G.L. on 9 Feb. 1937 (Old H.W. 149, Mile 184.7R)

Lowest for period of record: -3.60 on 27-28 Oct. 1939.

*Formerly L.W. 184.7R, H.W. 149 read only at flood stages prior to 6 Sept. 1939 at which time it was combined with the L.W. Gage.

RIVER STAGES

MISSISSIPPI River Gauge at H.W. 149 (184.6 R)* for the calendar year 1943

Zero elevation 205.58 feet above M. G. L.

Bank full stage feet on gauge A. H. P. MILES 770.4 R

R.C. 5M. 4-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	21.00	12.95	11.00	31.60	25.90	33.80	21.80	9.35	3.90	0.80	0.70	1.10	1
2	23.40	12.85	11.20	31.90	26.00	34.30	21.90	9.55	4.10	0.50	0.50	0.60	2
3	25.00	12.75	11.40	32.00	26.20	34.43	21.90	10.10	4.50	0.30	0.90	0.50	3
4	26.20	13.30	11.60	32.00	26.10	34.43	21.70	10.70	4.50	0.10	1.00	0.20	4
5	27.20	13.90	11.80	32.00	25.70	34.30	21.20	10.90	3.90	-0.20	1.10	0.10	5
6	28.10	14.80	12.20	31.70	24.70	33.90	20.40	11.00	3.40	-0.10	1.30	0.10	6
7	28.70	15.90	12.40	31.10	23.20	33.30	19.40	11.10	3.40	-0.10	1.20	0.10	7
8	29.20	17.10	12.00	30.20	21.20	32.40	18.60	11.10	3.70	-0.30	0.90	0.30	8
9	29.50	18.60	11.60	28.40	19.10	31.30	17.40	10.80	4.10	-0.30	1.30	0.40	9
10	29.80	19.80	11.00	26.60	17.40	29.90	16.90	10.40	4.00	-0.10	2.00	0.10	10
11	30.00	20.90	10.40	24.00	15.20	28.60	16.50	10.60	3.60	-0.10	2.00	0.00	11
12	30.20	21.50	10.20	22.00	15.30	27.40	16.40	11.30	3.40	-0.30	2.10	-0.10	12
13	30.40	22.10	10.60	20.10	18.10	26.40	16.50	12.00	3.20	-0.40	2.90	0.10	13
14	30.40	22.20	11.70	18.60	20.30	25.70	16.50	12.10	3.00	-0.40	3.30	0.10	14
15	30.40	22.10	13.60	17.70	21.30	25.10	16.40	11.10	3.30	-0.40	3.90	0.60	15
16	30.10	22.00	16.20	17.10	22.20	24.70	16.10	8.95	4.00	-0.50	4.30	0.90	16
17	29.80	21.80	18.20	17.40	23.00	24.40	15.80	7.55	4.00	-0.50	4.30	1.10	17
18	29.00	21.50	19.50	17.80	23.80	24.10	15.50	7.55	3.50	-0.70	3.80	1.20	18
19	27.80	21.00	20.70	18.20	24.40	23.90	15.20	7.35	3.20	-0.50	3.10	1.10	19
20	25.60	20.40	22.00	18.40	25.10	23.70	14.80	8.15	3.10	0.30	3.10	0.60	20
21	22.70	19.70	23.30	18.60	25.80	23.40	14.40	8.35	2.90	0.40	3.20	0.00	21
22	20.00	19.00	24.70	19.00	26.60	23.20	14.30	8.35	2.70	-0.10	3.10	-0.40	22
23	15.90	18.00	25.80	19.80	27.30	23.00	14.10	8.15	2.50	-0.50	2.90	-0.70	23
24	12.80	16.80	26.60	20.60	28.20	22.90	13.40	7.55	2.80	-0.60	2.50	-1.10	24
25	11.40	15.60	27.60	21.50	29.00	22.90	12.40	6.75	3.30	-0.40	2.10	-1.40	25
26	11.00	14.20	28.30	22.70	29.70	22.90	11.40	5.55	3.10	0.30	1.90	-1.50	26
27	11.00	13.20	29.10	23.70	30.40	22.70	10.80	4.70	2.90	0.70	1.80	-1.60	27
28	11.30	11.90	29.70	24.50	31.30	22.20	10.10	4.20	2.50	0.80	1.50	-1.40	28
29	11.70		30.30	25.00	32.00	22.00	9.80	3.80	1.90	1.10	1.20	-1.20	29
30	12.20		30.80	25.50	32.60	21.80	9.50	3.70	1.50	1.80	1.40	-0.20	30
31	12.85		31.30		33.30		9.30	3.60		1.40		1.10	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. READINGS. (CENTRAL WAR TIME)

HIGHEST: 34.43 ON 3-4 JUNE.

LOWEST: -1.60 ON 27 DEC.

PERIOD OF RECORD: 15 JULY 1930 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 251.10 MGL ON 9 FEB. 1937 (OLD HW-149, MILE 184.7 R).

LOWEST FOR PERIOD OF RECORD: -3.60 ON 27-28 OCT. 1939.

* FORMERLY LW-184.7 R HW-149 READ ONLY AT FLOOD STAGES PRIOR TO 6 SEPT. 1939, AT WHICH TIME IT WAS COMBINED WITH THE LW GAGE.

RIVER STAGES

Mississippi

River Gauge at HW-149 (184.6R)*

for the calendar year 1942

Zero elevation 205.58 feet above M.G.L.

Bank full stage feet on gauge A.H.P. Miles 770.4 R

R.C.5M.5-2-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.90	8.40	19.80	25.50	10.60	17.10	22.10	6.60	10.20	5.30	3.50	15.80	1
2	12.30	8.00	19.60	24.60	9.00	17.80	22.40	5.80	10.30	5.50	3.90	15.80	2
3	12.40	8.50	18.90	23.40	8.00	17.80	22.80	5.50	10.00	5.80	4.40	15.40	3
4	12.60	8.90	17.70	22.40	7.40	17.30	22.80	5.40	9.00	6.00	5.20	14.80	4
5	12.80	9.10	16.30	21.40	7.60	16.30	22.70	5.80	7.00	6.40	5.80	14.10	5
6	12.70	9.00	14.80	20.20	7.80	15.30	22.50	6.10	5.80	6.80	6.40	13.80	6
7	12.20	8.60	13.00	18.80	8.30	12.20	22.10	7.00	5.10	7.10	6.50	13.50	7
8	11.40	8.80	12.20	17.50	8.40	10.60	21.60	7.40	4.60	6.90	6.70	13.50	8
9	10.50	10.40	11.80	16.80	8.80	9.80	21.00	8.10	4.60	6.30	7.10	13.70	9
10	9.40	12.80	11.50	16.70	9.70	9.80	20.00	9.20	4.70	6.00	7.60	14.30	10
11	8.20	14.90	12.20	18.00	10.80	10.10	19.40	10.20	4.80	6.00	7.90	15.00	11
12	7.10	16.90	13.10	20.40	12.00	10.80	19.00	10.80	5.00	6.20	8.20	15.30	12
13	6.10	18.20	14.00	22.50	12.80	12.00	18.70	11.00	5.80	6.50	8.40	15.00	13
14	5.20	18.60	14.50	24.00	13.00	12.40	18.50	11.20	6.50	6.50	8.60	14.50	14
15	4.00	18.80	15.10	25.30	12.80	13.10	18.00	11.20	7.00	6.00	8.90	13.80	15
16	2.50	18.70	16.90	26.00	12.40	14.20	17.80	11.20	7.20	5.30	9.20	12.90	16
17	0.80	18.40	18.80	26.50	12.20	14.90	17.30	11.20	7.20	4.70	9.30	12.30	17
18	0.20	18.20	20.50	26.70	12.70	15.70	16.80	11.10	6.90	4.30	9.20	11.00	18
19	0.70	18.40	21.50	26.70	13.60	16.20	16.40	10.90	6.20	4.40	9.10	10.00	19
20	1.80	18.90	22.70	26.50	14.80	16.70	16.10	10.50	5.50	4.70	9.10	9.20	20
21	2.40	19.50	23.70	26.10	15.40	17.10	15.80	9.70	5.20	4.90	9.10	8.60	21
22	2.90	19.90	24.60	25.60	15.90	17.30	15.00	8.20	5.40	5.00	9.10	8.20	22
23	3.80	20.00	25.30	25.00	16.20	17.40	13.00	7.10	5.80	5.10	9.20	8.20	23
24	4.30	20.00	26.00	24.20	16.80	18.00	11.30	7.20	6.00	5.00	9.40	8.40	24
25	4.90	19.80	26.40	23.10	16.90	18.70	10.70	8.50	6.10	4.80	10.10	8.50	25
26	5.60	19.80	26.80	21.90	16.90	19.50	10.30	9.40	6.20	4.60	11.20	8.60	26
27	6.90	19.80	27.00	20.00	16.70	20.10	10.00	9.40	6.30	4.50	13.00	9.10	27
28	7.20	19.80	27.00	18.00	16.20	20.60	9.70	9.40	5.90	4.10	14.10	9.70	28
29	7.40		26.90	16.00	15.90	21.20	8.80	9.50	5.50	3.30	15.20	10.60	29
30	7.70		26.70	13.60	15.70	21.70	8.20	9.60	5.40	3.30	15.50	13.20	30
31	8.40		26.30		16.20		7.30	9.90		3.50		17.60	31
Sum													
Mean		Time Basis: Standard Time prior to 2:00 a.m., Feb. 9, 1942; War Time thereafter.											
High		To convert War Time to Standard Time, subtract one hour.											
Low													

Remarks: 3:00 a.m. readings.
 Highest: 27.00 on Mar. 27 & 28.
 Lowest: 0.20 on Jan. 18.
 Period of record: July 15, 1930 to date.
 Highest for period of record: 251.10 MGL on Feb. 9, 1937 (old HW-149, Mile 184.7R).
 Lowest for period of record: -3.60 on Oct. 27 & 28, 1939.
 *Formerly LW-184.7R HW-149 read only at flood stages prior to Sept. 6, 1939, at which time it was combined with the LW Gauge.

RIVER STAGES

Mississippi River Gauge at H.W. 149 (184.6-R)* for the calendar year 1941

Zero elevation 205.58 feet above M.G.L.

Bank full stage feet on gauge

R.C. 5M. 6-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	4.9	10.2	2.9	7.3	15.7	1.1	6.5	1.95	1.35	4.6	12.4	8.4	1
2	4.2	11.2	2.9	7.4	14.7	1.0	6.1	1.65	1.45	4.2	12.6	8.0	2
3	4.9	11.8	2.8	7.9	13.7	0.9	5.8	1.65	1.25	3.8	13.1	7.8	3
4	5.5	11.9	2.3	7.9	12.5	1.4	5.5	2.15	1.02	3.1	13.9	7.2	4
5	6.0	11.6	2.0	7.7	11.2	1.9	5.3	2.35	1.05	2.8	14.9	6.5	5
6	6.9	11.1	1.7	7.6	10.3	2.9	6.3	2.15	0.95	3.2	15.5	6.0	6
7	8.4	10.5	1.5	7.6	9.6	4.0	7.5	1.05	0.75	3.8	16.0	5.6	7
8	10.0	9.8	1.4	7.9	9.0	5.2	8.5	0.55	1.65	4.9	16.5	5.2	8
9	11.2	8.9	1.8	8.7	8.5	6.3	9.4	-0.05	2.35	6.9	16.8	5.0	9
10	11.6	8.2	2.0	10.0	8.0	7.5	9.8	-0.2	3.25	10.0	17.1	4.9	10
11	11.6	7.2	2.5	11.4	7.6	8.4	9.8	-0.95	3.25	11.9	17.5	4.6	11
12	11.0	6.0	3.0	12.7	7.3	9.1	9.8	-1.15	2.6	13.0	17.7	4.3	12
13	10.3	4.8	3.6	13.5	7.2	10.3	9.8	-1.45	2.4	13.2	17.7	4.3	13
14	9.4	4.0	4.7	13.9	7.1	11.8	10.1	-1.75	2.6	13.3	17.4	4.3	14
15	8.6	3.6	5.3	14.1	6.7	13.5	10.4	-1.95	2.8	13.3	16.5	4.2	15
16	7.8	3.3	5.9	14.2	6.3	15.2	10.7	-1.55	4.0	13.3	15.1	3.8	16
17	6.8	2.7	6.6	14.2	5.9	16.4	10.8	-1.25	5.5	13.7	13.7	3.7	17
18	5.0	2.9	7.3	14.0	5.2	16.9	10.7	-1.0	6.0	14.3	12.3	4.0	18
19	3.4	3.4	8.0	13.7	4.5	16.8	9.9	-0.35	5.8	14.3	11.2	4.5	19
20	2.3	3.8	8.8	13.3	4.4	16.3	7.7	0.35	5.4	14.0	10.4	4.7	20
21	3.1	4.0	9.4	13.2	4.6	15.5	6.4	0.65	5.0	13.5	9.5	4.7	21
22	3.9	4.5	9.8	13.6	5.1	15.4	6.6	1.25	4.9	12.6	8.6	4.6	22
23	4.6	5.5	9.9	14.6	5.3	15.3	6.6	0.85	4.8	11.9	8.0	4.2	23
24	5.7	5.8	9.7	15.4	5.1	15.1	6.4	0.45	5.0	11.1	7.4	3.8	24
25	6.4	5.9	9.2	16.2	4.2	14.6	6.4	0.25	5.2	10.5	7.4	4.1	25
26	6.6	5.1	8.6	17.0	3.2	13.9	6.7	0.05	5.6	10.2	7.4	4.7	26
27	7.1	3.9	8.0	17.4	2.5	12.9	7.0	-0.45	5.6	10.6	7.8	5.4	27
28	7.8	3.1	7.2	17.4	2.3	11.4	6.7	-1.15	5.4	11.0	8.2	6.5	28
29	8.4		6.8	17.2	1.9	9.3	4.8	-1.15	5.0	11.5	8.4	8.5	29
30	8.8		7.0	16.7	1.6	7.5	3.05	-0.65	4.8	11.8	8.4	10.1	30
31	9.4		7.2		1.2		2.35	0.45		12.2		11.2	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings.

Highest: 17.70 on Nov. 12 & 13.

Lowest: -1.95 on Aug. 15.

Period of record: July 15, 1930 to date.

Highest for period of record: 251.10 on Feb. 9, 1937 (old H.W. 149 - Mile 184.7-R).

Lowest for period of record: -3.60 on Oct. 27 & 28, 1939.

*Formerly L.W. 184.7-R. H.W. 149 read only at flood stages prior to Sept. 6, 1939, at which time it was combined with the L.W. Gage.

RIVER STAGES

Mississippi River Gauge at H.W. 149 (184.6 R)* for the calendar year 1940.

Zero elevation 205.58 feet above M.G.L.

Bank full stage feet on gauge

I.R.C. 5M. 6-2-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	-0.5	-2.2	16.2	10.7	26.8	8.4	10.1	1.7	3.7	-1.2	-2.9	1.8	1
2	-1.5	-2.1	15.1	11.0	27.0	8.5	10.3	1.3	4.0	-1.3	-3.2	2.3	2
3	-1.2	-1.6	14.0	11.5	27.4	8.9	10.2	1.0	4.5	-1.4	-2.9	3.1	3
4	-1.4	-0.6	13.2	12.1	27.6	9.4	9.8	0.8	5.4	-1.6	-2.4	3.4	4
5	-2.2	-0.6	12.8	12.6	27.8	9.7	9.4	0.8	6.2	-1.9	-1.8	3.4	5
6	-2.5	0.0	12.8	13.3	28.0	10.0	9.4	0.5	7.4	-2.0	-0.9	3.3	6
7	-3.2	-0.5	13.3	14.7	28.0	10.2	9.6	0.4	7.7	-2.1	-0.1	3.6	7
8	-3.7	-1.2	14.9	16.1	27.8	10.6	9.6	0.7	7.4	-2.5	0.4	3.7	8
9	-3.2	-0.8	16.5	17.3	27.1	10.9	9.4	1.1	6.5	-2.6	0.4	3.4	9
10	-2.0	-0.5	18.0	18.3	26.0	11.2	8.7	1.6	5.9	-2.4	0.2	2.2	10
11	-1.3	-1.0	19.1	19.2	23.8	11.4	8.2	2.1	4.6	-2.6	-0.2	1.2	11
12	-1.5	-1.0	19.5	19.6	20.9	11.2	7.9	2.2	3.3	-2.7	-0.8	1.3	12
13	-1.3	-0.4	19.7	19.6	18.0	10.9	7.9	1.9	2.7	-2.6	-0.6	1.4	13
14	-1.2	1.3	19.8	19.6	15.0	10.4	8.1	1.2	2.3	-2.7	-0.1	1.5	14
15	-1.7	3.5	20.0	19.3	13.2	9.9	7.5	0.9	1.8	-2.8	0.1	1.7	15
16	-2.0	5.4	20.3	18.8	11.6	10.0	6.0	0.8	1.2	-2.8	0.0	3.0	16
17	-1.5	7.2	20.6	18.4	10.4	10.5	5.1	0.7	0.9	-2.9	-0.3	3.3	17
18	-0.9	8.9	20.7	18.3	8.8	10.8	5.0	0.8	1.0	-2.9	-0.3	3.5	18
19	-0.5	10.2	20.3	18.3	7.7	10.6	5.2	2.2	0.4	-3.0	0.1	3.8	19
20	0.6	11.8	19.3	18.6	7.0	10.4	5.6	3.8	-0.1	-3.0	0.1	4.1	20
21	1.3	13.4	18.2	19.3	6.5	10.3	5.9	5.2	-0.6	-2.9	0.1	4.8	21
22	1.4	14.8	17.0	20.8	6.1	10.2	6.0	6.3	-1.2	-3.1	0.1	5.4	22
23	1.1	16.0	15.8	22.4	6.0	10.1	5.7	7.4	-1.3	-3.0	-0.3	5.4	23
24	1.0	17.0	14.8	23.6	6.0	10.0	4.9	8.4	-1.5	-3.0	-0.3	5.4	24
25	0.8	17.7	13.9	24.4	6.1	9.8	4.1	8.2	-1.5	-3.2	-0.6	5.9	25
26	0.1	18.0	13.0	25.0	6.2	9.5	3.2	7.3	-1.8	-3.5	-0.5	6.4	26
27	-3.0	18.0	12.2	25.3	6.7	9.1	2.7	5.4	-1.6	-3.5	0.4	6.8	27
28	-3.5	17.8	11.3	25.8	7.2	8.6	2.2	4.3	-1.3	-3.2	0.7	6.8	28
29	-4.1	17.1	11.0	26.1	7.5	8.8	2.0	3.9	-0.9	-3.2	0.9	6.6	29
30	-3.3		10.8	26.4	7.7	9.5	2.2	3.5	-1.0	-3.2	1.4	6.4	30
31	-2.5		10.6		8.2		2.0	3.5		-2.8		6.0	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

Gage affected by ice floes and jams, Jan. 8 to Feb. 12, 1940.

*Formerly L.W. 184.7 R.

RIVER STAGES

Mississippi River Gauge at H.W. 149 (Mile 184.6-R)* for the calendar year 1939

Zero elevation 205.58 feet above M.G.L.

Bank full stage feet on gauge

U.S.C.S.M. 5-3-27

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	5.0	11.0	34.1	27.0	33.6	8.9	17.0	7.4	3.2	-2.4	-1.0	-2.2	1
2	6.1	13.7	34.0	25.5	33.5	9.1	16.6	7.5	2.5	-2.4	-0.7	-2.3	2
3	6.8	16.0	33.7	24.2	33.2	9.3	16.2	7.4	2.1	-2.6	-0.5	-2.5	3
4	7.4	18.5	33.4	23.6	32.9	9.2	15.8	7.1	1.5	-2.6	-0.2	-2.6	4
5	6.8	20.5	33.1	23.3	32.4	9.2	15.1	6.9	1.0	-1.9	-0.3	-2.7	5
6	5.6	22.2	32.9	23.5	31.7	9.3	14.3	6.9	0.7	-2.1	-0.3	-2.6	6
7	4.8	23.5	32.6	23.6	30.4	9.6	13.5	7.2	0.5	-2.5	-1.3	-2.5	7
8	5.9	24.5	32.4	23.9	28.3	10.1	13.0	7.4	0.4	-3.2	-1.6	-2.3	8
9	7.0	25.5	32.4	24.5	25.3	10.3	12.7	6.8	0.2	-3.4	-1.9	-2.3	9
10	7.9	26.3	32.4	25.3	22.2	10.4	12.6	5.5	-0.4	-3.5	-2.1	-2.3	10
11	8.3	27.0	32.4	26.1	19.6	10.5	12.3	4.8	-0.8	-3.5	-2.3	-2.1	11
12	8.7	27.7	32.3	26.6	17.2	10.4	12.1	4.4	-0.8	-3.4	-2.4	-1.5	12
13	8.9	28.2	32.3	26.9	15.8	10.6	12.3	4.4	-0.9	-3.3	-2.2	-1.0	13
14	8.7	28.8	32.3	27.0	15.2	10.7	12.9	4.8	-1.1	-3.0	-2.1	-1.0	14
15	8.7	29.6	32.4	27.1	14.9	11.0	13.3	4.6	-1.1	-2.7	-2.1	-1.3	15
16	8.9	30.2	32.5	27.2	14.0	11.3	13.3	5.1	-1.2	-2.5	-2.0	-1.4	16
17	9.8	30.9	32.8	27.4	13.0	11.3	12.8	6.4	-1.4	-2.6	-2.0	-1.2	17
18	11.2	31.5	33.1	27.7	12.5	11.4	11.5	6.9	-1.3	-3.0	-2.0	-1.2	18
19	12.4	32.0	33.5	28.1	11.9	11.5	9.0	6.9	-1.5	-3.1	-2.4	-1.0	19
20	12.9	32.6	33.8	28.7	11.3	11.1	6.9	6.1	-1.2	-3.2	-2.2	-1.0	20
21	13.0	32.9	34.0	29.2	10.5	10.8	6.2	5.2	-1.2	-3.3	-2.1	-0.9	21
22	13.2	33.1	34.3	29.8	10.4	11.8	6.1	6.0	-0.9	-3.3	-2.1	-0.8	22
23	13.0	33.3	34.4	30.4	10.1	13.5	6.0	7.6	-1.1	-3.3	-2.0	-0.7	23
24	12.5	33.6	34.3	31.1	9.8	15.0	6.0	7.9	-1.1	-3.4	-2.0	-0.7	24
25	11.8	33.8	34.1	31.9	9.8	16.0	6.2	7.2	-1.2	-3.4	-2.0	-0.7	25
26	10.9	34.0	33.7	32.5	9.6	16.7	6.6	6.1	-1.5	-3.5	-2.0	0.3	26
27	10.0	34.2	33.3	33.1	9.3	17.3	6.9	5.1	-1.8	-3.6	-2.0	0.6	27
28	9.4	34.2	32.7	33.4	9.1	17.5	7.2	4.8	-1.8	-3.6	-1.9	0.6	28
29	8.9		31.8	33.7	9.2	17.5	7.3	4.7	-1.9	-3.1	-2.0	0.7	29
30	8.8		30.9	33.7	9.2	17.4	7.5	4.6	-2.2	-2.4	-2.1	0.8	30
31	9.1		28.8		9.0		7.6	4.0		-1.7		0.5	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

Gage inspected: Apr. 8, June 8, Sept. 5, and Nov. 29, 1939.

* Formerly L.W. 184.7-R; gage designation changed Sept. 6, 1939, at same location.

RIVER STAGES

Mississippi River Gauge at Mile 184.7 R for the calendar year 1938
 Zero elevation 205.58 feet above M.G.L.

Bank full stage.....feet on gauge

M. R. C. 5M. 5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	17.8	18.6	22.2	26.4	22.5	25.2	16.6	15.4	6.1	10.2	0.9	7.7	1
2	17.3	19.4	21.8	26.9	21.1	25.9	16.5	15.8	5.8	10.3	1.1	5.8	2
3	16.8	19.9	21.4	27.6	19.8	26.1	16.2	16.4	5.6	10.1	1.4	4.7	3
4	16.0	20.2	21.0	28.1	18.3	26.2	15.9	16.8	5.5	10.0	1.2	4.3	4
5	15.0	20.2	20.5	28.7	16.9	26.0	15.7	16.7	5.8	10.2	0.7	4.1	5
6	14.0	20.6	20.0	28.9	15.7	25.6	15.5	16.5	5.8	10.1	0.5	3.9	6
7	13.3	20.6	19.3	29.1	14.6	25.0	15.5	16.5	5.4	9.9	0.6	3.9	7
8	12.6	20.1	18.7	29.1	13.8	24.2	15.5	16.6	4.9	9.5	0.6	4.0	8
9	12.0	19.2	18.3	28.8	12.6	23.4	15.4	16.8	4.1	8.9	0.7	4.7	9
10	11.6	18.0	18.4	28.3	11.6	22.3	15.3	17.0	3.9	8.3	1.2	5.1	10
11	11.1	16.7	18.8	27.8	11.3	21.1	15.3	17.0	3.5	7.7	1.9	5.2	11
12	10.7	15.2	19.5	27.7	11.4	19.7	15.5	17.0	3.2	7.0	2.5	5.4	12
13	10.3	14.3	20.4	27.9	11.9	18.7	15.7	17.0	3.1	6.4	3.3	5.4	13
14	9.8	13.6	21.4	28.2	12.4	18.5	15.5	16.7	4.1	5.5	3.6	5.1	14
15	9.3	13.6	22.5	28.5	12.2	18.9	15.3	16.3	5.5	4.5	3.8	5.0	15
16	8.5	13.9	23.7	28.8	11.9	19.5	15.0	15.6	6.4	3.6	4.1	5.1	16
17	6.8	14.5	24.6	29.1	11.6	19.6	14.9	14.5	6.9	3.1	4.8	5.0	17
18	5.0	15.7	25.1	29.3	11.6	19.4	14.9	13.5	7.6	2.7	4.8	4.9	18
19	4.4	16.9	25.9	29.4	11.8	19.0	15.2	12.6	8.4	2.5	4.6	4.6	19
20	4.3	18.4	26.4	29.5	12.0	18.2	15.4	11.8	8.8	2.5	4.6	4.4	20
21	4.5	20.0	26.6	29.4	12.1	17.8	15.8	11.0	9.2	2.3	5.4	3.8	21
22	5.0	21.4	26.6	29.1	12.2	17.5	16.5	10.0	9.6	2.0	6.3	3.4	22
23	4.8	22.1	26.5	28.7	12.4	17.4	17.3	8.8	9.8	1.9	7.4	3.1	23
24	5.8	22.7	26.3	28.4	13.1	17.2	17.6	8.0	9.4	1.9	9.1	2.5	24
25	7.9	23.0	25.9	27.8	13.9	16.8	17.3	7.6	9.6	1.9	9.7	2.2	25
26	10.1	23.1	25.9	27.2	15.2	16.5	16.6	7.4	9.8	1.7	10.0	1.6	26
27	12.4	22.8	25.9	26.5	17.2	16.2	15.8	7.4	9.6	1.5	10.1	1.3	27
28	14.1	22.5	25.9	25.6	19.7	16.0	15.6	7.3	9.6	1.3	10.1	1.8	28
29	15.3	—	26.1	24.6	21.9	16.1	15.7	6.9	9.7	1.2	9.7	2.3	29
30	16.5	—	26.2	23.2	23.5	16.4	15.8	6.5	10.0	1.0	9.0	3.0	30
31	17.7	—	26.3	—	24.5	—	15.5	6.5	—	0.9	—	4.0	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

Gage inspected: May 19, Aug. 25, Sept. 22, and Nov. 24, 1938

RIVER STAGES

Mississippi River Gauge at Mile 184.7R for the calendar year 1937

Zero elevation 205.58 feet above M. G. L.

Bank full stage.....feet on gauge

U.S.C.S.M. 4-6-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	7.6				19.9	14.6	14.3	6.7	6.4	0.2	6.5	1.5	1
2	8.6				20.8	14.1	15.2	6.5	6.5	0.1	6.6	1.8	2
3	10.8				21.8	13.6	15.7	6.4	6.5	0.1	6.7	2.5	3
4	12.4			17.0	23.5	13.2	16.0	5.9	6.4	0.1	6.9	3.0	4
5	14.2			16.5	25.2	13.1	16.2	5.7	6.1	0.3	7.0	3.5	5
6	17.2			15.9	26.6	13.1	15.8	5.5	4.6	0.6	7.6	3.2	6
7	19.7			15.2	27.6	13.3	15.3	5.2	3.4	1.1	8.5	3.0	7
8	21.4			14.8	28.4	13.9	14.5	5.0	4.0	1.8	10.0	2.7	8
9	22.8			14.1	29.4	14.3	13.1	4.9	4.8	2.0	10.8	2.3	9
10	24.0			13.6	30.1	14.6	11.4	5.0	5.0	2.0	10.9	2.0	10
11	25.3			13.3	31.0	14.6	10.6	5.3	4.9	2.4	10.4	1.7	11
12	26.1			13.0	31.4	14.1	10.4	6.1	5.0	2.7	9.3	0.9	12
13	26.8			12.9	32.0	14.2	10.1	6.2	5.1	2.9	7.6	1.2	13
14	27.4			13.0	32.2	15.2	9.4	6.0	5.2	2.5	4.5	0.9	14
15	27.9			13.2	32.4	16.1	8.9	5.9	4.9	1.6	2.4	-0.5	15
16	28.4			13.5	31.9	16.7	8.5	5.6	4.8	1.4	2.3	-1.4	16
17				13.7	30.9	16.7	8.3	5.5	4.6	1.1	2.4	-1.2	17
18				13.9	29.4	16.2	8.1	5.9	3.3	0.9	2.5	-0.1	18
19				14.0	28.2	15.9	9.3	5.9	3.0	1.2	2.9	1.8	19
20				14.1	26.9	15.6	9.8	6.1	2.1	1.6	3.2	4.1	20
21				14.2	25.6	15.6	10.4	6.1	1.8	2.4	3.0	6.3	21
22				14.3	24.0	15.7	11.0	4.7	1.8	3.0	2.8	8.0	22
23				14.4	22.1	15.7	11.5	4.3	1.7	3.4	2.7	9.5	23
24				14.9	20.6	15.8	11.3	4.2	1.6	4.4	2.6	11.0	24
25				15.9	19.0	15.8	10.9	3.9	1.4	4.9	2.8	12.6	25
26				17.0	18.0	15.6	10.7	3.8	0.5	5.4	2.4	13.7	26
27				18.0	17.0	15.1	10.4	4.0	0.4	6.0	2.1	14.8	27
28				19.0	16.0	14.7	10.0	4.0	0.4	6.6	2.0	15.8	28
29		—		19.6	15.4	14.2	9.2	5.2	0.4	6.6	2.2	16.2	29
30		—		19.8	15.2	14.1	8.4	6.0	0.3	6.5	1.5	16.7	30
31		—		—	15.0	—	7.2	6.0	—	6.5	—	16.8	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings

Gage inspected: April 13, September 2, 1937

No readings obtained from Jan. 17 to April 3, incl.

No crest reading by crest patrol party.

RIVER STAGES

Mississippi River Gauge at Mile 184.7 R for the calendar year 1936

Zero elevation 205.58 feet above M.G.L.

Bank full stage 29. feet on gauge

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	6.5	12.7	19.5	29.0	19.7	8.3	3.2	0.8	- 1.0	2.6	2.6	2.0	1
2	5.3	11.8	20.0	29.6	17.5	7.9	3.0	1.4	- 0.7	3.0	2.8	2.2	2
3	4.2	10.5	21.1	30.2	16.0	7.6	3.2	1.0	0.3	4.0	2.9	2.0	3
4	3.3	9.3	21.9	30.8	15.0	7.5	3.4	0.1	0.8	5.7	3.4	1.9	4
5	2.8	8.2	22.5	31.7	14.4	7.3	3.6	- 0.3	0.8	6.8	4.3	1.4	5
6	2.8	7.4	22.8	32.6	13.9	7.5	3.1	- 0.6	0.7	6.8	6.0	1.4	6
7	4.1	7.0	22.9	33.3	13.6	7.4	2.8	- 0.6	1.3	6.3	8.4	1.5	7
8	5.7	7.4	22.9	34.0	13.6	7.2	3.4	- 0.9	0.8	5.6	11.0	2.0	8
9	7.5	8.8	23.0	34.5	13.9	7.2	5.0	- 0.8	0.3	4.9	13.0	2.7	9
10	9.5	10.0	23.1	34.8	14.5	7.0	6.3	- 0.8	0.3	4.4	14.5	3.9	10
11	12.5	11.0	23.2	34.9	14.6	6.8	6.7	- 0.8	0.5	4.6	14.6	5.8	11
12	15.6	11.7	23.4	35.2	14.5	6.2	6.4	- 0.9	1.0	4.6	14.7	7.6	12
13	18.1	12.5	23.4	35.4	14.1	5.7	5.3	- 0.4	0.8	4.6	14.7	8.3	13
14	19.5	13.3	23.3	35.5	13.3	5.6	4.0	- 0.3	0.1	4.8	14.5	9.3	14
15	20.6	13.9	23.3	35.6	12.7	5.7	3.5	- 0.8	- 0.1	4.8	14.3	7.8	15
16	21.2	14.7	22.5	35.6	12.0	6.2	3.1	- 1.1	- 0.1	4.8	14.0	10.1	16
17	21.6	15.3	21.5	35.7	11.3	5.7	2.7	- 1.3	- 0.2	4.9	13.5	10.1	17
18	21.9	15.1	20.6	35.8	10.5	5.6	2.1	- 1.1	0.2	4.8	13.0	9.8	18
19	22.1	14.6	20.1	35.8	10.3	5.4	1.4	- 0.6	0.4	4.6	12.3	9.5	19
20	22.0	13.6	20.3	35.8	10.5	5.0	1.6	- 0.6	0.6	5.0	11.0	8.8	20
21	21.4	12.8	20.6	35.8	10.7	4.9	2.0	- 0.9	0.5	5.5	9.1	8.0	21
22	20.4	12.2	21.4	35.7	10.5	4.7	2.0	- 1.5	0.5	5.7	6.6	7.1	22
23	18.8	12.0	22.2	35.4	10.3	4.4	2.0	- 1.9	0.9	5.9	4.9	6.5	23
24	17.2	12.1	23.3	35.0	10.1	4.2	2.5	- 2.1	1.4	5.7	4.4	6.1	24
25	15.9	12.5	24.2	34.4	9.9	4.3	2.5	- 2.1	1.7	5.4	4.0	4.8	25
26	15.0	13.5	25.0	33.6	9.8	4.2	2.2	- 2.0	2.7	4.9	3.8	4.4	26
27	14.5	15.0	25.6	32.2	9.7	3.9	2.0	- 2.0	3.0	4.3	3.4	4.9	27
28	14.2	17.6	26.3	30.0	9.5	3.7	1.9	- 1.9	3.2	3.6	3.1	5.8	28
29	13.8	19.3	27.1	26.0	9.3	3.5	1.9	- 1.7	3.0	3.1	2.7	6.0	29
30	13.6		27.7	22.7	9.0	3.3	1.4	- 1.0	2.7	2.5	2.3	6.4	30
31	13.5		28.4		8.5		1.1	- 1.0		2.1		6.9	31
Sum													
Mean													
High													
Low													

Remarks:

8:00 A.M. Readings corrected.
Gage inspected; June 17, 1936.

RIVER STAGES

Mississippi River Gauge at Mile 184.7 for the calendar year 1935

Zero elevation 205.58 feet above M. G. L.

Bank full stage _____ feet on gauge

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	7.5	25.3	15.4	32.4	18.2	30.2	27.0	14.9	7.0	1.9	2.0	5.6	1
2	7.9	24.7	15.2	32.1	17.3	29.7	26.8	14.4	6.8	1.9	2.1	5.8	2
3	8.5	24.0	15.5	31.8	16.3	29.4	26.4	14.1	6.6	1.6	2.2	6.0	3
4	9.1	23.0	15.9	31.7	15.0	28.7	26.0	13.8	6.2	1.6	2.5	6.4	4
5	9.6	21.0	16.2	31.6	14.5	27.8	25.4	13.6	5.2	1.5	2.5	6.5	5
6	10.1	19.3	16.9	31.9	15.1	27.0	25.0	13.2	5.0	1.5	2.5	6.6	6
7	10.5	18.0	17.3	32.0	16.8	26.5	24.1	12.6	5.5	1.4	2.4	7.2	7
8	10.5	16.3	17.4	32.1	18.6	26.0	22.6	12.0	6.4	1.3	2.3	7.1	8
9	10.0	14.1	17.4	32.2	20.6	25.9	23.0	11.3	7.0	1.4	2.5	6.8	9
10	9.8	12.5	17.7	32.3	22.0	25.8	22.1	10.7	7.8	1.4	2.8	6.5	10
11	9.4	11.5	18.2	32.5	23.0	26.2	21.1	10.5	8.6	1.2	4.4	6.7	11
12	9.0	10.7	19.3	32.5	23.8	26.5	20.7	10.2	10.4	1.0	5.5	6.8	12
13	8.5	10.4	21.0	32.6	24.3	26.8	20.1	10.1	11.5	0.8	7.1	6.9	13
14	8.8	10.5	24.5	32.7	24.9	27.0	19.5	10.5	11.6	0.7	8.2	7.5	14
15	9.4	11.2	26.4	32.8	25.3	27.1	19.0	11.0	11.6	0.7	8.9	8.0	15
16	10.0	12.1	27.4	32.8	25.6	27.1	18.5	12.0	10.8	0.7	10.0	8.8	16
17	10.5	13.0	28.5	32.8	25.9	27.1	17.7	12.9	9.8	0.6	11.4	9.2	17
18	11.1	13.8	29.1	32.8	26.2	27.0	17.1	13.7	7.5	0.6	11.8	9.8	18
19	12.0	14.5	30.2	32.7	26.6	26.5	15.5	14.5	6.2	0.5	12.4	10.1	19
20	13.5	15.4	30.8	32.6	27.3	26.0	13.0	14.4	5.2	0.4	12.8	10.4	20
21	15.0	16.0	31.7	32.5	27.8	25.6	12.0	14.4	4.5	0.4	12.9	11.2	21
22	17.0	16.6	32.4	32.1	28.1	25.0	11.1	14.3	3.8	0.4	13.2	11.6	22
23	20.4	17.1	32.9	31.6	28.5	25.0	10.9	14.1	3.5	0.5	13.1	12.0	23
24	22.8	17.1	33.0	30.9	28.8	25.2	10.9	14.0	3.2	0.8	12.4	12.0	24
25	24.2	16.9	33.4	29.4	29.1	25.4	11.2	13.9	3.1	1.3	11.7	11.7	25
26	24.9	16.4	33.5	27.6	29.5	25.7	11.8	13.6	3.1	1.2	11.0	11.7	26
27	25.3	16.5	33.6	25.7	29.8	26.0	12.0	12.9	3.0	1.4	7.6	11.5	27
28	25.5	15.6	33.5	23.4	30.0	26.3	12.4	11.6	2.9	1.5	7.4	11.0	28
29	25.5		33.4	21.8	30.2	27.0	13.4	9.6	2.5	1.5	6.4	10.2	29
30	25.5		33.0	20.0	30.3	27.0	14.6	8.1	2.2	1.5	5.9	9.4	30
31	25.5		32.8		30.3		15.0	7.3		1.9		7.5	31
Sum													
Mean													
High													
Low													

Remarks: 8 A.M. Readings Corrected.

Gage inspected: Aug. 1, 1935, Aug. 27, 1935; Nov. 23, 1935

RIVER STAGES

Mississippi River Gauge at Mile 184.7 for the calendar year 1934

Zero elevation 205.58 feet above M. G. L.

Bank full stage _____ feet on gauge

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	12.0	4.1	5.3	22.1	13.9	3.0	3.0	1.0	3.1	1.3	1.5	10.6	1
2	11.0	4.3	7.2	23.1	12.8	2.9	3.3	1.4	2.8	2.2	1.9	10.9	2
3	10.0	4.5	8.4	23.5	10.8	2.9	3.3	1.6	2.7	3.1	2.0	10.8	3
4	9.0	4.6	9.2	23.7	10.4	2.5	3.2	2.4	2.3	3.5	2.2	10.8	4
5	8.6	4.7	11.4	24.3	10.2	2.0	3.1	3.4	1.7	4.4	2.3	10.8	5
6	8.4	4.9	13.6	24.5	9.8	1.6	2.7	4.5	1.1	5.9	2.7	11.4	6
7	7.0	4.5	14.8	24.4	9.6	1.3	2.3	4.4	1.0	6.8	2.9	12.4	7
8	6.8	4.0	16.9	23.8	9.2	1.4	2.3	4.0	0.8	6.9	3.1	12.7	8
9	6.6	4.0	18.5	22.4	7.9	2.0	2.4	3.4	0.2	6.1	3.8	12.8	9
10	6.8	3.8	19.9	21.1	7.7	2.4	2.4	2.5	0.1	5.0	4.0	12.9	10
11	8.8	3.8	21.2	17.1	7.5	2.7	2.4	2.0	0.1	3.8	4.7	13.1	11
12	11.1	3.8	22.2	15.5	7.1	3.0	2.2	1.0	0.1	3.2	5.2	13.1	12
13	13.1	3.8	23.4	14.1	6.3	3.6	2.0	0.7	0.1	3.1	5.2	12.2	13
14	14.8	3.7	24.8	13.5	5.3	4.4	1.7	1.3	0.8	2.8	4.8	11.3	14
15	16.2	3.7	25.4	13.3	5.2	4.6	1.8	1.9	1.5	2.6	4.4	9.4	15
16	16.9	3.6	25.9	13.2	5.2	4.7	2.5	2.5	1.8	2.7	4.0	7.9	16
17	16.9	3.0	26.3	13.1	5.2	4.9	3.0	3.0	1.8	2.9	3.6	6.8	17
18	16.3	2.4	26.0	13.1	5.4	4.8	3.5	3.5	1.9	3.1	3.2	5.5	18
19	15.3	2.2	25.4	13.3	5.5	4.5	3.9	4.0	2.8	3.0	2.6	5.0	19
20	14.0	1.8	24.6	13.3	5.3	5.8	4.0	4.1	3.6	2.6	2.2	5.0	20
21	12.7	1.4	23.4	13.3	5.2	6.2	3.9	3.8	4.5	2.5	1.7	5.1	21
22	11.4	1.3	21.6	13.2	5.0	6.8	3.5	4.0	4.8	2.1	1.7	5.3	22
23	10.3	1.3	20.6	13.1	5.0	7.0	3.1	4.8	4.8	1.4	3.1	5.4	23
24	8.9	1.4	17.2	13.1	5.0	6.5	3.1	5.7	4.4	1.3	5.4	5.4	24
25	7.9	1.5	16.0	13.2	5.1	5.9	3.1	6.8	3.4	1.1	6.8	5.2	25
26	5.3	1.7	16.2	13.3	4.8	5.8	3.3	7.0	2.8	0.7	7.1	5.0	26
27	3.5	1.9	16.6	13.4	4.6	5.5	3.0	6.6	2.4	0.6	7.2	5.5	27
28	4.0	3.3	17.0	13.5	4.0	5.0	2.8	5.5	1.5	0.7	8.0	6.0	28
29	4.0		18.4	13.6	3.5	4.5	2.1	5.0	1.5	0.9	8.6	6.5	29
30	4.0		19.4	13.7	3.0	3.5	1.5	4.5	1.3	1.1	9.7	7.0	30
31	4.0		21.4		2.5		0.8	3.9		1.3		7.3	31
Sum													
Mean													
High													
Low													

Remarks:

RIVER STAGES

Mississippi River Gauge at Mile 184.7 R. for the calendar year 1933.
 Zero elevation 205.93⁵⁸ feet above Mean Gulf Level
 Bank full stage _____ feet on gauge

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	20.0	26.3	26.4	31.3	29.1	34.6	8.5	9.5	4.3	6.3	2.2	2.3	1
2	22.0	26.4	26.7	31.8	28.8	34.2	8.4	9.3	4.4	6.0	2.1	2.1	2
3	23.8	26.5	26.9	32.4	28.0	33.5	8.1	9.0	4.3	5.7	2.0	1.6	3
4	24.2	26.5	27.1	32.9	26.7	32.9	8.5	9.0	4.5	5.3	1.7	1.25	4
5	25.4	26.4	26.9	33.5	25.3	32.0	9.0	8.9	5.0	4.9	1.7	1.6	5
6	26.0	26.1	26.3	34.3	23.8	31.2	10.5	8.8	5.9	4.9	1.8	1.8	6
7	26.6	25.6	25.2	34.8	22.4	29.9	11.2	8.6	6.2	5.3	1.8	2.0	7
8	27.0	25.2	23.4	35.2	21.4	27.9	11.0	8.4	7.8	5.3	2.2	2.2	8
9	27.4	24.4	21.2	35.3	21.0	26.0	10.5	8.0	8.4	5.2	3.0	2.4	9
10	27.5	23.3	18.9	35.2	21.3	24.3	10.0	8.0	8.5	4.2	3.8	3.3	10
11	27.5	22.1	16.8	35.0	21.6	21.0	9.2	8.0	8.3	3.7	4.2	4.4	11
12	27.5	21.0	16.0	34.7	22.5	19.3	9.1	7.5	7.8	3.3	3.5	4.9	12
13	27.3	20.0	15.6	34.3	23.9	17.3	9.0	7.3	7.2	2.7	2.7	5.0	13
14	26.7	19.0	15.4	33.7	25.1	16.0	8.8	7.0	6.3	2.6	2.2	4.8	14
15	25.8	18.4	15.2	33.2	26.0	14.8	8.6	6.4	5.8	2.3	2.1	4.4	15
16	24.6	17.5	15.0	32.7	26.9	13.7	8.5	6.6	5.4	2.2	1.9	4.2	16
17	23.2	17.5	15.0	32.2	27.9	13.0	8.2	6.9	5.4	2.0	1.6	4.0	17
18	21.5	17.9	15.1	31.6	28.8	12.7	8.0	7.4	5.5	2.1	1.4	3.4	18
19	20.5	18.9	15.4	31.1	29.9	12.4	7.8	7.7	5.6	2.2	1.3	4.2	19
20	19.4	20.0	16.5	30.9	30.9	12.1	7.8	7.3	5.9	2.1	1.2	6.4	20
21	17.2	20.8	18.3	30.7	31.9	11.5	7.6	6.6	5.3	1.9	1.2 ✓	8.5	21
22	16.5	21.8	20.4	30.5	32.9	10.6	7.4	6.0	4.9	1.4	1.3	10.0	22
23	16.3	22.7	22.4	30.4	33.6	10.1	6.8	5.2	4.7	1.0	1.0	11.6	23
24	17.5	23.5	24.0	30.4	34.3	10.0	6.7	4.6	4.5	1.0	0.9	13.0	24
25	19.4	24.2	25.3	30.4	34.6	9.6	6.7	4.2	4.4	2.4	1.2	13.9	25
26	21.4	24.8	26.4	30.4	34.8	9.1	6.6	3.8	4.4	3.5	1.7	14.4	26
27	23.3	25.3	27.3	30.3	35.0	9.1	6.4	3.4	4.9	3.9	1.8	14.5	27
28	23.9	25.9	27.9	30.0	35.0	9.0	7.3	3.4	5.0	4.0	2.0	14.4	28
29	25.9		28.5	29.6	35.0	8.9	7.9	3.2	5.1	3.5	2.3	14.1	29
30	25.9		29.3	29.3	34.9	8.7	8.8	3.5	6.0	2.6	2.4	13.6	30
31	26.0		30.3		34.8		9.4	4.1		2.3		13.0	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

✓ Note: Nov. 21 date of last inspection, readings after that date are subject to correction.

RIVER STAGES

Mississippi River Gauge at Mile, 184.7 - R. for the calendar year 1932.

Zero elevation 205.58 feet above Mean Gulf level.

Bank full stage _____ feet on gauge

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	21.8	29.3	23.0	20.9	17.2	8.1	12.7	6.0	5.8	4.0	5.3	9.8	1
2	21.4	29.8	21.0	21.6	18.7	8.2	13.0	5.6	5.5	4.7	5.5	10.0	2
3	20.0	30.6	19.5	22.5	19.4	8.3	13.5	5.6	4.8	4.8	5.8	9.8	3
4	20.0	30.8	17.5	23.5	20.6	7.4	14.0	5.6	4.9	4.4	6.3	8.3	4
5	20.0	31.2	16.0	24.5	21.4	7.9	14.7	5.8	5.5	3.8	6.6	7.0	5
6	20.1	31.6	14.5	25.4	21.5	8.3	15.5	6.0	6.0	3.6	6.7	6.2	6
7	20.2	31.8	14.0	25.9	21.3	8.8	16.0	6.2	6.0	4.0	6.6	5.8	7
8	20.3	32.0	14.1	26.8	20.8	9.1	16.4	6.7	5.6	4.2	6.3	5.4	8
9	21.3	32.2	14.2	27.0	19.6	9.4	16.7	7.3	5.2	3.9	5.9	5.0	9
10	22.3	32.4	14.0	27.3	18.3	9.5	17.5	7.5	5.1	3.8	5.8	4.9	10
11	23.0	32.6	14.0	27.5	17.8	9.9	19.0	7.0	4.8	3.9	5.7	5.2	11
12	23.8	32.7	14.1	27.5	17.1	10.2	20.5	6.5	4.9	3.2	5.5	5.5	12
13	24.4	32.8	14.4	27.4	16.7	10.5	21.7	6.4	4.5	3.0	5.3	6.2	13
14	24.7	33.0	14.4	27.1	15.2	10.4	22.0	6.4	4.1	3.1	5.4	7.0	14
15	24.8	33.1	14.4	26.4	14.6	10.0	22.5	6.4	3.9	2.7	5.8	8.0	15
16	25.3	33.2	14.0	25.0	14.4	9.5	22.2	6.7	3.7	2.3	6.0	9.0	16
17	26.0	33.3	13.4	24.5	14.0	9.0	20.0	7.0	3.7	2.3	6.3	9.9	17
18	26.4	33.4	12.5	23.6	13.6	8.9	19.8	7.7	3.8	2.0	6.6	10.5	18
19	27.0	33.5	12.0	22.9	13.6	9.2	18.6	8.3	3.6	2.1	7.0	10.8	19
20	27.8	33.5	11.8	21.8	13.8	9.4	15.4	8.7	3.6	3.5	7.5	11.0	20
21	28.2	33.4	11.8	20.6	14.1	9.6	13.6	9.5	2.9	6.6	7.4	11.1	21
22	28.3	33.2	11.9	19.7	14.4	9.7	11.6	10.0	2.9	8.6	7.3	10.9	22
23	28.5	33.0	12.1	18.5	14.6	10.0	9.1	10.5	3.4	8.3	7.4	10.7	23
24	28.5	32.8	12.6	17.8	14.4	10.2	8.0	10.7	3.2	8.0	7.8	10.5	24
25	28.4	32.3	13.8	17.0	14.2	10.3	7.6	10.5	2.9	7.8	8.0	10.5	25
26	28.4	31.3	15.0	16.8	14.0	10.4	7.0	10.1	2.7	7.2	8.4	11.3	26
27	28.5	29.7	15.5	16.4	13.8	10.5	6.8	9.7	2.5	6.2	8.8	12.0	27
28	28.6	26.5	16.0	16.0	13.8	10.8	6.5	8.1	2.3	5.8	9.2	12.9	28
29	28.7	25.0	18.0	16.4	13.1	11.2	6.5	7.0	2.3	4.8	9.4	14.5	29
30	28.8		19.0	16.8	11.1	11.9	6.4	6.5	3.2	4.5	9.6	16.4	30
31	29.0		20.5		9.2		6.3	6.2		5.0		18.2	31
Sum													
Mean													
High													
Low													

Remarks: 8:00-A.M. Readings

RIVER STAGES

Mississippi River Gauge at Mile 184.7-R. for the calendar year 1931

Zero elevation 205.72 feet above Mean Gulf level.

Bank full stage _____ feet on gauge

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	2.5	2.8	10.4	8.5	14.0	10.8	5.6	6.5	6.0	4.2	2.7	14.6	1
2	2.6	2.8	10.8	10.5	15.5	10.6	5.4	5.8	6.4	4.5	2.0	15.1	2
3	2.6	2.8	10.7	12.6	16.4	10.5	5.0	5.3	6.4	4.9	2.6	15.7	3
4	2.7	2.8	10.1	14.9	16.1	10.5	4.6	5.0	5.8	5.0	2.5	16.2	4
5	2.7	2.7	9.4	17.0	16.2	10.7	5.0	4.5	5.5	4.9	2.4	16.5	5
6	2.8	2.6	9.6	17.5	15.5	10.8	4.9	4.4	6.0	4.8	2.0	16.5	6
7	2.8	2.5	9.7	17.8	14.0	10.9	5.0	4.3	6.0	4.6	2.0	16.4	7
8	2.9	2.5	9.6	18.0	13.5	9.8	5.1	4.2	7.0	4.4	2.0	15.0	8
9	3.0	2.8	9.5	18.4	13.0	9.4	5.2	4.2	7.4	4.0	1.9	14.0	9
10	3.1	3.3	10.0	18.9	12.5	9.0	5.4	4.2	7.7	3.8	2.0	14.0	10
11	3.6	3.5	10.7	19.4	12.0	8.9	5.0	4.2	7.6	3.6	2.0	13.6	11
12	4.5	3.8	11.0	19.9	11.5	8.9	5.2	4.2	7.4	3.4	2.0	13.0	12
13	4.9	4.4	11.4	20.3	11.0	10.3	5.2	4.3	7.0	3.5	2.0	13.1	13
14	5.1	5.0	11.0	20.7	10.5	10.7	5.0	4.3	6.4	3.6	2.0	13.5	14
15	5.0	5.5	10.8	20.6	9.7	11.3	5.0	4.4	5.4	4.0	2.0	14.7	15
16	4.9	6.3	10.6	20.4	8.3	11.4	4.9	4.5	5.0	4.1	2.0	15.9	16
17	4.8	7.0	10.3	19.8	8.0	11.5	4.7	4.6	4.4	4.2	2.0	17.5	17
18	4.5	7.9	9.8	18.9	8.6	11.6	4.6	4.7	3.9	4.4	2.0	19.8	18
19	4.3	8.6	9.6	17.9	9.2	11.8	4.5	4.8	2.8	4.6	2.1	21.8	19
20	4.0	8.8	8.9	16.9	9.7	10.9	4.5	4.9	2.7	5.5	2.2	23.1	20
21	3.9	7.1	8.6	15.9	10.3	9.5	4.6	5.2	2.6	6.0	3.1	23.7	21
22	3.7	7.3	8.3	15.0	11.8	8.0	4.7	5.0	2.6	6.1	4.9	24.1	22
23	3.4	7.6	8.0	14.0	11.8	7.5	5.0	4.8	2.6	6.0	6.2	24.3	23
24	3.3	7.8	7.8	13.0	12.4	7.0	5.1	5.0	2.7	5.5	7.8	24.4	24
25	3.2	7.9	7.7	12.0	13.1	6.5	5.2	5.1	3.0	4.4	9.0	24.0	25
26	3.0	7.8	7.7	11.5	13.8	6.4	5.8	5.2	3.5	3.8	10.0	23.8	26
27	3.1	7.8	7.7	12.0	13.6	6.3	6.4	5.1	3.4	3.4	10.9	23.6	27
28	3.0	7.7	7.7	12.5	12.0	5.6	6.6	5.1	3.0	2.9	11.8	23.4	28
29	3.0		7.6	12.9	11.4	5.0	6.8	5.0	3.6	2.9	12.6	23.0	29
30	2.9		7.6	13.5	11.4	5.4	7.0	5.1	4.0	2.8	13.8	22.6	30
31	2.8		8.0		11.4		6.9	5.6		2.7		22.0	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 AM Readings

RIVER STAGES

Morgan Point,

Mississippi River Gauge at *Mile 184.7-R.* for the calendar year *1930*

Zero elevation *205.58* feet above *Mean Gulf Level*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1								3.9	2.5	1.6	1.4	3.0	1
2								3.7	2.6	1.5	1.3	3.5	2
3								3.5	2.6	1.4	1.1	3.5	3
4								3.4	2.7	1.6	0.9	3.5	4
5								3.4	2.7	1.4	0.9	3.6	5
6								3.3	2.7	1.1	0.8	3.6	6
7								3.2	2.7	1.0	0.8	3.4	7
8								3.0	2.8	1.0	0.9	3.7	8
9								3.0	2.9	1.0	1.0	3.7	9
10								2.9	2.9	1.0	1.0	4.0	10
11								2.9	2.7	1.0	0.9	3.4	11
12								2.8	2.8	1.0	0.9	3.2	12
13								2.7	2.9	1.0	0.8	3.9	13
14								2.6	3.4	1.0	0.9	4.6	14
15							6.0	2.6	3.0	1.1	1.7	4.4	15
16							5.8	2.6	3.1	1.1	1.3	4.5	16
17							5.7	2.6	3.1	1.1	0.9	4.4	17
18							5.5	2.6	3.1	1.0	1.2	4.0	18
19							5.4	2.6	3.2	1.0	1.3	3.5	19
20							5.3	2.5	3.4	1.0	1.6	3.1	20
21							5.2	2.5	3.5	1.0	1.7	3.0	21
22							5.1	2.4	3.6	1.0	1.8	2.6	22
23							5.0	2.4	3.6	1.0	2.5	2.2	23
24							4.9	2.4	3.5	1.0	2.8	2.1	24
25							4.8	2.3	3.7	1.0	2.8	2.0	25
26							4.7	2.3	3.5	1.5	3.0	1.6	26
27							4.6	2.3	3.1	1.8	2.6	1.2	27
28							4.5	2.3	2.7	1.9	2.9	1.1	28
29							4.4	2.3	2.2	1.8	2.8	1.3	29
30							4.3	2.3	1.9	1.6	2.7	1.7	30
31							4.2	2.4		1.5		1.9	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 - A.M. Readings

Observer: Sam F. Tate, Richardson, Tenn.

Inspected - 7/15/30 - 12/16/30

Note - Temp. gage sections in error. Stages corrected from the Fulton gage.