DAILY STAGES FOR 1994

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 6.5 FEET, ON JUL. 9, 1988, AND SUBSEQUENT DAYS.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.9	28.0	33.6	30.1	34.9	14.2	16.8	11.1	6.0	6.8	E 4.1	11.2
2	11.8	29.0	33.5	31.1	34.4	14.0	17.1	11.9	6.0	7.0	E 4.2	12.9
3	11.8	29.5	33.4	31.8	34.0	13.7	17.1	12.2	6.0	6.8	E 4.0	14.5
4	12.0	29.8	33.2	32.4	33.8	13.0	16.7	11.6	5.8	6.6	E 3.8	15.2
5	12.2	29.7	33.0	32.6	33.6	12.6	16.1	9.5	5.8	6.9	E 3.5	15.2
6	12.3	29.8	32.9	32.8	33.2	12.1	15.7	8.8	6.0	7.0	E 4.4	14.6
7	12.7	29.8	32.7	32.9	32.8	11.5	15.0	8.7	6.2	7.0	E 5.3	15.0
8	13.7	29.8	32.4	33.1	32.0	10.9	14.1	8.6	5.8	6.8	E 7.4	15.6
9	15.0	29.8	32.2	33.2	31.0	11.6	12.8	E 8.3	4.8	6.1	E 9.6	16.7
10	16.3	29.6	32.3	33.3	29.8	12.6	12.1	E 8.2	4.5	4.7	E 9.6	18.1
11	17.7	28.8	32.3	33.4	29.2	13.8	12.3	8.8	3.8	3.0	E 9.1	18.1
12	19.1	27.9	32.6	33.4	28.9	14.2	12.5	8.7	3.5	2.8	E 11.7	18.7
13	20.3	27.3	32.9	33.7	29.0	14.1	12.0	7.1	2.6	3.5	12.3	19.3
14	21.3	27.3	33.3	34.5	29.2	13.9	11.5	6.3	2.1	2.5	12.5	19.6
15	22.1	27.6	33.4	35.5	29.3	13.6	12.3	5.3	1.9	2.5	11.9	20.4
16	22.0	28.2	33.3	36.6	29.3	13.3	12.9	3.7	2.0	3.5	11.4	21.0
17	21.3	28.9	33.2	37.5	29.2	13.3	13.0	3.6	2.4	4.0	10.6	21.3
18	20.3	29.4	33.2	37.9	28.4	13.7	12.2	5.4	2.3	3.9	9.9	E 21.1
19	19.5	29.7	33.2	37.9	27.2	13.7	11.7	6.7	1.8	4.5	9.8	E 20.5
20	E 19.0	29.8	33.1	37.7	25.6	13.7	12.3	7.6	1.5	4.7	9.6	E 18.3
21	E 18.0	29.9	32.9	37.7	23.8	13.6	12.3	9.1	1.3	4.9	8.7	E 16.5
22	E 16.7	30.1	32.5	37.7	22.3	13.3	12.2	10.1	1.5	5.0	7.1	E 14.6
23	15.0	30.4	32.0	37.5	20.7	13.2	12.3	11.0	2.3	5.0	7.0	E 12.7
24	14.8	30.8	30.7	37.2	19.0	13.1	11.4	12.2	2.5	4.5	7.5	E 10.8
25	15.0	31.3	29.2	36.9	17.5	12.8	10.5	13.1	2.4	3.7	8.6	9.3
26	15.3	32.0	27.0	36.6	16.4	12.6	10.3	12.9	1.7	3.2	9.5	8.9
27	17.0	32.7	25.4	36.4	15.5	12.9	10.1	12.4	1.4	3.5	10.2	8.1
28	18.8	33.3	24.9	36.4	14.7	13.7	10.8	11.5	1.8	3.7	10.8	7.9
29	22.2	----	25.7	35.9	14.4	14.9	11.0	10.5	4.0	3.8	9.5	6.6
30	25.0	----	27.2	35.5	14.4	16.1	10.4	8.5	5.8	E 3.8	10.2	5.5
31	26.7	----	28.9	----	14.5	----	9.7	6.6	----	E 4.0	----	5.1
MEAN	17.3	29.6	31.5	35.0	26.1	13.3	12.8	9.0	3.5	4.7	8.5	14.6
MAX	26.7	33.3	33.6	37.9	34.9	16.1	17.1	13.1	6.2	7.0	12.5	21.3
MIN	11.8	27.3	24.9	30.1	14.4	10.9	9.7	3.6	1.3	2.5	3.5	5.1

THE MEAN STAGE FOR THE YEAR 17.1
E- ESTIMATED.
HIGHEST STAGE WAS 37.90 18 AND 19 APR 1994
LOWEST STAGE WAS 1.30 21 AND 27 SEP 1994

DAILY STAGES FOR 1993

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 6.5 FEET, ON JUL. 9, 1988, AND SUBSEQUENT DAYS.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22.7	25.3	22.8	32.8	31.0	18.9	21.3	31.5	22.2	27.2	15.3	23.2
2	21.8	25.0	22.9	33.0	31.1	18.7	21.5	31.8	21.8	27.9	14.5	22.7
3	21.3	23.7	22.7	33.4	31.3	18.4	21.9	31.9	21.3	28.3	13.9	22.5
4	21.3	22.1	22.2	33.6	31.5	18.3	22.1	32.0	21.2	28.4	13.8	22.9
5	21.7	20.7	21.4	33.9	31.8	18.3	22.7	31.9	21.2	28.4	13.8	23.7
6	23.3	19.5	21.9	34.0	32.1	18.3	23.5	31.7	21.2	28.3	13.9	24.6
7	25.1	18.2	24.0	34.1	32.5	18.8	24.3	31.8	21.5	27.8	13.8	25.2
8	26.5	17.0	26.0	34.3	32.6	19.3	25.0	31.8	21.8	27.2	13.4	25.9
9	27.7	15.9	27.7	34.3	32.6	19.8	25.8	31.9	22.0	26.4	13.2	26.6
10	28.2	15.2	29.0	34.4	32.4	20.5	26.4	31.9	21.8	25.3	13.4	26.8
11	28.4	14.8	29.9	34.5	32.0	22.0	26.9	31.8	21.7	24.1	13.2	26.9
12	28.2	14.6	30.7	34.4	31.6	22.8	27.2	31.7	21.5	22.7	12.6	27.0
13	27.9	14.5	31.2	34.2	30.7	23.0	27.5	31.3	21.3	20.9	12.1	27.1
14	27.4	14.6	31.6	34.0	29.8	22.9	27.8	31.0	21.0	19.7	11.7	27.2
15	26.8	14.8	32.1	33.7	28.9	23.0	28.1	30.8	20.6	18.3	11.7	27.1
16	26.4	15.1	32.5	32.9	28.3	23.1	28.5	30.6	20.6	17.4	15.6	26.7
17	25.8	15.7	32.6	32.4	27.6	23.0	28.8	30.4	20.5	16.7	21.2	25.7
18	25.4	16.3	32.5	32.4	27.2	23.0	28.9	30.3	20.5	16.4	24.6	24.4
19	25.2	16.7	31.9	32.4	26.5	22.5	29.0	30.1	20.8	16.2	26.8	22.8
20	-25.0	16.8	30.7	32.6	26.2	21.7	29.3	29.8	21.5	16.0	28.0	21.5
21	25.0	17.1	29.3	32.8	26.3	20.6	29.8	29.4	21.8	15.9	29.1	20.4
22	24.7	17.5	27.8	32.9	26.3	20.0	30.3	29.1	22.0	16.5	29.5	19.3
23	24.7	18.5	26.5	32.8	25.8	19.7	30.8	28.5	22.1	17.9	29.5	18.7
24	24.3	19.5	25.9	32.6	25.0	19.4	31.2	27.6	22.2	18.5	29.1	18.0
25	24.3	20.2	26.1	32.3	24.5	19.3	31.3	26.9	22.9	18.5	28.5	17.6
26	24.5	21.2	27.0	31.9	23.6	19.8	31.5	26.3	23.6	18.3	27.9	17.0
27	24.7	21.9	28.0	31.5	22.8	20.2	31.1	25.4	24.3	17.7	27.1	16.5
28	25.2	22.5	29.1	31.2	21.7	20.2	30.9	24.8	24.6	17.1	26.2	16.0
29	25.8		30.1	31.0	20.6	20.6	31.0	24.2	25.5	16.3	25.0	15.1
30	25.9		31.0	30.9	20.1	20.9	31.2	23.3	26.4	15.8	24.0	13.8
31	25.6		32.0		19.5		31.3	22.6		15.6		12.5

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

MEAN	25.19	18.39	28.04	33.04	27.87	20.57	27.64	29.49	22.05	21.02	19.75	22.11
MAX.	28.4	25.3	32.6	34.5	32.6	23.1	31.5	32.0	26.4	28.4	29.5	27.2
MIN.	21.3	14.5	21.4	30.9	19.5	18.3	21.3	22.6	20.5	15.6	11.7	12.5

HIGHEST STAGE WAS 34.50 ON APR. 11.
LOWEST STAGE WAS 11.60 ON NOV. 14.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 6.5 FEET, ON JUL. 9, 1988, AND SUBSEQUENT DAYS.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.1	13.5	18.1	20.4	23.4	6.7	7.1	21.9	7.4	14.4	3.3	26.0
2	17.0	12.5	18.9	20.8	22.5	7.4	6.4	22.5	9.4	13.5	2.9	25.8
3	17.0	11.5	19.5	21.4	21.4	8.2	6.2	22.6	10.2	12.3	2.8	25.4
4	17.2	10.5	19.8	21.7	20.2	8.8	5.9	22.4	9.8	10.3	3.4	25.0
5	17.6	9.5	19.7	21.5	19.1	9.0	5.8	22.2	8.4	8.5	4.1	23.9
6	18.1	8.1	19.0	20.8	18.2	8.9	8.0	21.8	6.5	7.1	5.3	22.2
7	18.9	7.2	18.0	20.0	17.4	9.6	9.5	21.2	4.9	6.2	6.8	20.6
8	19.4	6.7	16.6	19.2	16.8	9.7	10.4	20.3	4.0	5.0	8.8	19.1
9	19.4	6.3	15.1	18.2	16.5	9.8	10.4	19.0	3.7	3.9	10.8	17.9
10	19.1	5.7	14.6	17.1	16.1	10.4	9.8	17.7	4.8	3.5	12.0	17.0
11	18.4	5.0	15.1	16.0	15.5	11.0	9.0	17.0	5.5	3.7	12.7	E 16.0
12	17.4	4.6	17.3	14.9	15.0	11.4	8.6	16.9	5.4	3.5	13.0	E 15.1
13	16.5	4.6	20.2	14.0	14.8	11.7	9.1	16.3	6.3	E 3.2	13.6	E 14.5
14	15.8	4.4	22.2	13.3	15.0	12.0	10.6	15.8	7.6	E 2.8	14.9	E 14.4
15	15.1	4.1	23.3	12.4	15.0	12.1	11.4	15.1	8.7	2.5	15.9	14.6
16	14.0	3.8	23.9	11.6	14.5	11.4	11.4	14.3	9.1	2.7	17.0	14.8
17	13.8	5.7	24.2	11.3	13.5	9.9	11.4	13.2	9.0	4.1	18.0	15.3
18	14.7	8.1	24.0	11.4	11.8	7.8	12.3	12.2	8.5	5.1	18.8	17.6
19	15.4	10.1	23.5	E 12.0	10.5	6.7	14.4	11.7	7.7	5.9	18.7	19.8
20	15.2	12.0	23.0	E 12.9	9.9	6.2	16.8	11.1	7.3	6.4	18.4	21.7
21	14.5	13.3	22.9	E 14.3	9.4	7.7	17.9	10.5	7.3	6.5	18.0	23.3
22	13.3	14.2	23.1	E 16.3	8.8	11.2	18.3	10.1	7.9	7.1	17.8	24.6
23	11.7	15.0	23.8	E 18.4	8.7	13.3	18.3	9.2	9.5	7.6	18.0	25.5
24	10.2	16.0	24.7	E 19.9	8.7	13.1	17.8	7.0	11.3	7.0	19.7	26.2
25	9.3	16.5	25.1	E 21.4	8.8	11.8	17.4	5.9	12.3	6.3	22.6	26.6
26	8.5	16.9	25.5	22.7	9.0	10.7	17.2	4.9	13.7	5.2	24.3	26.5
27	8.7	17.0	25.4	23.4	8.8	9.1	17.4	4.9	14.9	4.5	25.5	25.7
28	9.5	16.9	24.9	23.8	8.4	7.7	17.7	5.1	15.6	4.6	26.3	24.8
29	11.6	17.3	24.4	24.0	8.0	7.7	17.9	4.9	15.8	4.6	26.4	24.5
30	13.4		22.7	23.9	7.1	7.8	18.8	5.1	15.2	4.2	26.3	24.0
31	14.1		21.1		6.6		20.4	5.7		3.8		23.4

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

MEAN	14.89	10.24	21.27	17.95	13.52	9.62	12.69	13.81	8.92	5.99	14.86	21.34
MAX.	19.4	17.3	25.5	24.0	23.4	13.3	20.4	22.6	15.8	14.4	26.4	26.6
MIN.	8.5	3.8	14.6	11.3	6.6	6.2	5.8	4.9	3.7	2.5	2.8	14.4

E- ESTIMATED.
HIGHEST STAGE WAS 26.60 ON DEC 25.
LOWEST STAGE WAS 2.40 ON OCT 15.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 6.5 FEET, ON JUL. 9, 1988, AND SUBSEQUENT DAYS.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	35.5	18.6	32.7	30.7	23.6	26.6	14.3	E 5.4	0.4	1.3	1.1	9.8
2	36.2	17.8	32.8	31.3	23.5	25.6	13.2	E 5.1	-0.4	1.1	2.0	10.0
3	36.6	17.6	32.6	31.8	23.4	24.1	12.1	E 4.8	-0.6	0.8	2.4	12.7
4	36.8	17.6	32.1	32.3	23.3	22.6	12.1	E 4.2	0.2	0.4	2.6	17.3
5	36.9	17.5	31.2	32.3	22.9	21.6	11.6	E 3.4	0.4	0.0	3.3	21.4
6	36.8	17.5	29.5	32.2	22.4	20.9	11.1	3.4	0.3	-0.2	4.4	24.3
7	36.8	18.2	27.7	31.8	22.0	20.1	11.1	2.9	0.9	-0.3	4.7	26.2
8	36.7	19.1	26.3	31.3	22.2	19.5	10.9	2.4	1.4	0.6	4.7	27.3
9	36.7	20.4	25.5	30.2	22.7	17.9	10.5	2.2	0.6	2.1	4.9	28.0
10	36.6	21.8	25.1	28.3	23.3	17.4	9.7	2.0	-1.0	2.7	5.4	28.3
11	36.5	23.1	24.8	26.2	24.0	17.0	10.0	E 3.0	E -1.4	2.6	5.6	28.2
12	36.4	23.9	24.7	24.3	24.2	16.5	11.5	E 3.8	-1.4	2.0	5.2	27.9
13	36.4	24.2	24.8	23.1	24.1	16.3	12.7	3.9	-1.0	1.6	4.7	26.8
14	36.3	24.4	24.7	E 22.7	24.3	16.1	13.7	3.8	0.5	0.9	4.4	25.1
15	36.2	24.8	24.5	23.1	24.4	16.1	13.7	3.9	0.4	0.1	4.1	24.0
16	36.1	25.1	24.0	24.0	24.1	16.2	12.7	3.9	-0.2	-0.7	4.5	23.6
17	35.8	25.3	23.8	25.2	23.7	16.2	12.0	3.7	0.4	-1.6	4.6	23.6
18	35.5	25.3	23.8	26.3	23.6	15.8	11.7	3.1	1.0	-2.1	4.4	23.8
19	35.1	25.1	23.9	27.6	23.1	15.9	11.1	3.1	1.4	-2.6	4.1	23.8
20	34.5	25.5	24.3	28.6	22.5	16.3	9.7	3.3	1.5	-3.1	4.3	23.4
21	33.8	27.0	24.7	29.3	22.2	16.6	8.9	3.3	1.6	-3.5	4.4	22.4
22	33.1	28.6	25.0	29.7	21.8	16.7	8.3	3.3	1.7	-3.6	5.7	20.9
23	32.3	30.0	25.4	29.9	21.1	16.7	7.1	3.9	1.8	-3.6	7.6	19.4
24	31.3	30.8	26.3	29.9	20.5	16.8	E 6.3	3.7	2.0	-3.5	8.8	18.2
25	30.0	31.5	27.1	29.8	20.1	16.5	E 5.8	2.4	1.7	-3.3	10.8	17.3
26	28.5	32.1	27.8	29.4	19.9	16.1	E 5.7	2.2	1.4	-3.3	12.7	16.7
27	27.0	32.3	28.3	28.2	19.8	15.7	E 5.7	2.1	1.5	-2.7	13.8	16.7
28	25.2	32.7	28.7	26.6	20.4	15.2	E 5.4	2.1	2.2	-2.2	13.7	17.1
29	23.3		29.2	25.1	22.3	15.0	E 5.1	2.0	2.5	-1.5	12.6	17.5
30	21.7		29.6	23.9	24.7	14.8	E 5.0	1.7	1.9	-1.0	10.9	17.5
31	20.0		30.2		26.3		E 5.2	1.2		E 0.0		17.3

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

MEAN	33.24	24.20	27.12	28.16	22.78	17.95	9.80	3.19	0.72	-0.73	6.07	21.17
MAX.	36.9	32.7	32.8	32.3	26.3	26.6	14.3	5.4	2.5	2.7	13.8	28.3
MIN.	20.0	17.5	23.8	22.7	19.8	14.8	5.0	1.2	-1.4	-3.6	1.1	9.8

E- ESTIMATED.
HIGHEST STAGE WAS 36.90 ON JAN 5.
LOWEST STAGE WAS -3.60 ON OCT 22 AND 23.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 6.5 FEET, ON JUL. 9, 1988, AND SUBSEQUENT DAYS.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.4	20.0	32.8	21.0	17.3	33.0	21.8	E 15.1	12.8	5.3	14.1	9.2
2	1.9	20.4	32.0	20.5	16.2	33.1	21.4	E 14.4	13.1	4.7	12.8	10.2
3	5.0	21.6	30.6	19.6	15.5	33.1	20.9	E 14.5	12.7	3.7	10.9	10.9
4	9.4	23.1	28.5	18.6	15.6	33.1	20.3	E 14.5	12.3	3.1	8.6	11.4
5	14.1	24.8	25.9	18.0	16.2	33.0	19.8	E 13.8	11.7	2.7	7.0	12.3
6	17.1	26.6	23.6	17.1	16.8	32.8	19.6	E 13.2	11.1	2.7	6.4	14.5
7	18.8	28.0	22.0	16.2	17.6	32.4	19.0	12.9	10.6	3.9	6.0	16.9
8	19.8	28.8	21.2	15.6	19.6	31.8	18.6	12.8	11.0	5.4	6.1	18.0
9	E 20.4	29.2	20.7	15.1	21.8	31.0	18.1	13.2	11.1	6.2	6.2	18.6
10	21.0	29.4	20.1	14.7	23.0	30.5	17.8	13.6	10.3	6.3	5.9	18.8
11	20.7	29.6	19.5	14.3	23.2	30.0	17.6	13.7	10.0	6.7	6.1	18.6
12	20.1	29.8	19.2	15.0	22.9	29.4	17.2	13.3	10.3	8.4	6.4	18.0
13	E 19.1	30.3	18.7	15.8	21.9	28.6	16.8	12.6	10.2	9.3	E 7.3	16.8
14	E 17.8	30.5	18.6	16.4	21.0	27.8	17.1	11.7	8.9	9.7	8.4	15.2
15	16.7	31.0	19.4	16.9	20.5	27.0	17.3	11.1	E 8.4	9.4	9.5	13.5
16	15.9	31.4	20.0	17.3	20.7	26.4	17.3	10.4	E 8.6	9.7	10.2	12.0
17	15.3	31.9	20.6	17.9	21.5	25.4	17.5	9.7	E 8.5	10.8	10.3	11.1
18	14.2	32.5	22.4	18.7	23.6	23.9	18.1	9.4	E 8.1	12.3	10.0	11.3
19	12.6	32.9	24.6	19.3	26.2	22.7	18.8	9.3	7.9	13.5	9.4	12.7
20	11.7	33.2	26.2	19.1	28.4	22.4	19.0	8.7	7.7	13.9	8.8	17.1
21	12.8	33.4	27.2	18.5	30.2	22.6	19.0	8.6	7.8	13.7	E 7.3	21.6
22	15.7	33.6	27.7	17.7	31.5	22.8	19.0	9.1	E 7.7	13.2	6.1	24.5
23	17.8	33.5	28.0	17.2	32.6	22.5	18.8	10.3	E 7.5	12.4	5.5	26.9
24	19.4	33.5	28.1	17.3	33.1	22.2	18.6	11.4	6.9	12.4	5.4	28.9
25	20.4	33.4	E 27.8	17.9	33.3	21.9	18.1	12.4	6.3	12.7	5.4	30.4
26	21.0	33.4	27.3	18.2	33.1	22.1	17.8	13.3	5.9	13.3	6.2	31.4
27	21.3	33.3	26.2	18.5	33.0	22.3	17.9	13.9	6.0	13.6	E 7.2	32.6
28	21.4	33.1	24.7	18.6	32.8	22.5	18.1	14.0	6.3	13.8	7.7	33.4
29	21.2		23.0	18.6	32.7	22.5	17.7	14.0	6.1	14.0	7.8	33.8
30	20.9		21.8	18.2	32.7	22.1	17.0	13.9	5.8	14.2	8.2	34.3
31	20.3		21.3		32.8		16.5	13.1		14.5		34.8

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

MEAN	16.26	29.71	24.18	17.59	24.74	27.02	18.46	12.31	9.05	9.52	7.90	19.98
MAX.	21.4	33.6	32.8	21.0	33.3	33.1	21.8	15.1	13.1	14.5	14.1	34.8
MIN.	0.4	20.0	18.6	14.3	15.5	21.9	16.5	8.6	5.8	2.7	5.4	9.2

E- ESTIMATED.
HIGHEST STAGE WAS 35.00 ON DEC 31.
LOWEST STAGE WAS 0.40 ON JAN 1.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 6.5 FEET, ON JUL. 9, 1988, AND SUBSEQUENT DAYS.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22.0	11.4	32.7	23.9	12.3	19.3	E 22.7	8.1	10.9	14.7	8.3	11.3
2	21.8	11.4	32.5	24.4	13.7	19.7	E 21.4	8.9	10.0	13.6	7.2	11.0
3	21.3	11.8	32.3	24.5	15.3	19.8	E 21.1	9.0	9.9	13.1	5.8	10.8
4	20.2	13.5	31.9	25.1	16.7	19.1	E 22.2	8.8	10.5	13.8	5.2	10.6
5	E 19.0	16.2	31.3	26.2	18.0	18.1	E 22.8	8.0	11.5	15.3	5.3	10.2
6	E 17.9	17.8	30.7	27.8	19.2	17.1	22.5	6.5	11.8	15.3	5.9	9.7
7	E 17.4	18.7	30.0	29.3	19.9	16.5	21.9	5.7	10.9	15.8	5.9	8.8
8	E 17.0	19.5	29.5	30.3	19.6	16.5	21.4	6.0	10.0	16.2	5.9	E 7.3
9	E 17.7	19.8	29.2	31.1	19.6	16.8	20.6	6.0	9.1	16.0	6.2	5.7
10	18.2	19.6	29.0	31.5	19.5	17.4	19.7	6.6	8.5	15.4	6.2	4.9
11	18.7	19.2	28.9	31.6	19.5	17.8	18.9	7.3	8.1	14.5	6.3	4.8
12	19.5	18.1	28.9	31.7	19.7	18.2	18.0	6.2	8.8	13.3	7.3	6.0
13	20.6	16.4	28.8	31.7	20.2	18.4	17.0	4.1	11.3	11.6	8.4	6.4
14	22.3	15.3	28.8	31.6	20.6	19.7	16.1	2.6	12.6	9.9	9.3	6.3
15	23.9	17.5	28.9	31.4	20.8	20.0	15.6	1.6	14.6	8.6	9.7	6.0
16	25.3	22.3	28.9	31.0	20.9	20.6	15.1	0.6	16.7	7.7	10.1	5.9
17	26.6	25.9	28.8	30.3	21.1	21.1	14.7	0.3	16.9	7.0	10.2	5.2
18	27.4	27.5	28.3	29.0	21.2	22.3	14.5	0.2	16.7	6.4	11.1	4.6
19	27.9	28.0	27.3	27.3	21.3	23.0	13.0	0.6	16.7	6.6	E 13.0	4.3
20	28.0	28.1	26.0	24.8	21.3	23.4	10.9	1.0	16.9	7.9	E 14.5	E 3.2
21	27.9	28.5	24.2	21.9	21.0	23.8	9.0	1.2	17.2	9.3	16.0	1.8
22	27.6	29.0	22.5	19.3	20.4	24.2	8.6	1.5	17.4	11.7	17.2	1.3
23	27.0	29.8	21.8	17.3	19.9	24.7	8.9	2.0	16.7	14.1	18.0	0.8
24	26.2	30.9	22.1	16.3	19.8	25.1	9.1	3.6	15.5	16.1	18.1	E 0.8
25	24.2	31.8	22.6	15.3	19.7	25.4	9.5	5.2	14.7	17.4	17.5	0.3
26	20.9	32.6	23.0	14.6	19.4	E 25.5	10.2	6.5	14.3	18.0	16.4	0.3
27	17.2	32.8	23.2	14.0	18.8	E 25.3	10.1	7.6	14.5	18.0	E 15.2	0.6
28	14.4	32.9	23.3	13.1	18.3	E 24.9	9.6	8.6	15.2	16.9	E 13.8	0.5
29	12.7		23.3	12.2	18.1	E 24.4	9.2	9.1	15.8	14.6	12.8	-0.2
30	11.8		23.1	11.8	18.3	E 23.7	8.3	11.4	15.7	12.1	12.0	-0.6
31	11.4		23.2		18.7		7.4	11.6		10.0		-0.1

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

MEAN	21.09	22.36	27.25	24.33	19.11	21.05	15.15	5.36	13.31	12.92	10.62	4.78
MAX.	28.0	32.9	32.7	31.7	21.3	25.5	22.8	11.6	17.4	18.0	18.1	11.3
MIN.	11.4	11.4	21.8	11.8	12.3	16.5	7.4	0.2	8.1	6.4	5.2	-0.6

E- ESTIMATED.
HIGHEST STAGE WAS 32.90 ON FEB 27 AND 28.
LOWEST STAGE WAS -0.60 ON DEC 30.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	28.1	15.6	16.7	14.4	9.8	4.1	-5.9	-4.0	-3.8	E 0.2	-3.3	17.2
2	27.6	14.3	15.6	17.5	9.5	2.5	-5.9	-4.6	-3.8	E 0.3	-3.7	15.7
3	26.5	15.6	14.5	19.2	8.7	0.5	-5.8	-5.2	-3.8	E -0.2	-4.2	14.3
4	24.9	19.6	13.3	19.6	8.2	-0.7	-5.9	-5.8	-4.2	E -1.0	-4.1	13.0
5	22.9	22.5	12.8	19.7	8.0	-0.9	-6.0	-5.9	-4.5	-1.8	-3.2	11.7
6	21.0	23.8	13.4	19.8	7.9	-0.8	-6.2	-5.8	-4.2	-2.6	-3.1	10.6
7	19.4	24.4	15.1	20.5	7.6	-0.8	-6.2	-5.4	-4.3	-3.0	-2.4	9.6
8	17.9	24.8	17.2	21.5	7.3	-0.9	-6.4	-4.3	-4.4	-2.9	-1.3	9.2
9	16.2	24.8	18.9	22.2	7.3	E -1.4	-6.5	-3.7	-4.2	-2.7	0.1	6.2
10	13.8	24.9	20.5	22.5	7.8	E -1.9	-6.5	-4.4	-3.7	-2.4	1.4	E 4.4
11	11.2	25.0	21.7	22.5	8.4	E -2.3	-6.4	-5.3	-3.4	-2.6	3.0	E 3.8
12	9.2	24.9	22.0	22.4	8.8	E -2.4	-6.4	-5.8	-3.8	-3.1	3.6	E 3.7
13	8.2	24.6	21.5	22.2	8.7	E -2.5	-6.5	-6.0	-4.7	-4.0	3.6	E 3.3
14	7.6	23.8	20.1	22.0	8.4	E -2.8	-6.4	-5.7	-5.4	-4.8	3.9	E 3.3
15	7.6	22.0	18.6	21.8	8.2	E -3.1	-6.4	-5.2	-5.9	-5.3	4.2	E 2.9
16	7.5	19.8	17.8	21.5	7.4	E -3.6	-6.5	-4.9	-5.9	-5.5	4.1	E 1.8
17	7.0	17.9	17.4	20.5	6.9	E -3.8	-6.2	-4.3	-5.0	-5.0	4.1	E 0.1
18	6.4	16.9	17.1	19.1	6.3	E -4.0	-5.8	-4.2	-3.4	-4.4	4.2	E -0.8
19	6.5	16.4	16.8	17.6	5.5	E -4.2	-5.8	-4.8	-3.3	-3.8	4.7	-2.6
20	7.6	16.1	16.3	16.6	4.7	E -4.2	-5.8	-4.9	-4.6	-3.5	6.3	-4.0
21	11.4	16.0	14.9	15.9	4.1	E -4.2	-5.4	-3.9	-5.1	-3.4	8.8	-4.4
22	18.2	16.3	13.6	15.6	4.0	E -4.3	-3.7	-3.0	-3.8	-4.0	14.1	-4.3
23	22.5	16.6	12.7	15.3	4.3	-4.5	-0.4	-2.8	-1.7	-4.4	17.2	-3.7
24	24.4	17.4	11.5	14.6	4.9	-4.5	1.3	-3.2	E -1.6	-4.0	18.9	-1.2
25	24.9	18.3	E 10.6	13.9	5.4	-4.8	1.0	-3.9	E -1.9	-2.6	19.8	0.9
26	24.9	18.8	E 9.8	13.3	5.8	-5.2	-1.1	-4.3	E -1.6	-2.2	20.4	4.8
27	24.8	18.8	E 9.1	12.3	6.1	-5.5	-2.9	-4.3	E -1.0	-2.6	20.4	8.3
28	24.4	18.5	8.9	11.7	5.8	-6.0	-3.4	-4.5	E -0.4	-2.9	20.5	13.2
29	23.2	17.8	9.4	11.2	5.5	-6.3	-2.7	-4.6	E -0.1	-2.6	19.9	17.4
30	20.8		10.1	10.6	5.2	-6.2	-2.5	-4.4	E 0.0	-2.2	18.6	20.4
31	18.2		11.6		4.9		-3.2	-4.1		-2.4		21.8

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

MEAN	17.24	19.86	15.14	17.91	6.81	-2.82	-4.72	-4.62	-3.45	-2.95	6.54	6.34
MAX.	28.1	25.0	22.0	22.5	9.8	4.1	1.3	-2.8	0.0	0.3	20.5	21.8
MIN.	6.4	14.3	8.9	10.6	4.0	-6.3	-6.5	-6.0	-5.9	-5.5	-4.2	-4.4

E- ESTIMATED.
HIGHEST STAGE WAS 28.10 ON JAN. 1.
LOWEST STAGE WAS -6.50 ON JUL. 9 AND SUBSEQUENT DAYS.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.
DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20.4	13.8	21.1	17.4	20.5	12.9	6.5	5.0	6.2	2.7	-1.4	6.0
2	20.4	13.3	23.8	18.7	20.3	13.9	6.1	4.6	9.2	2.4	-1.5	7.2
3	19.8	13.5	25.5	20.0	20.0	15.1	5.8	5.7	10.2	2.3	-1.3	7.6
4	18.4	14.2	26.6	20.7	19.4	15.7	5.7	6.5	10.0	2.1	-0.5	8.5
5	17.0	15.2	27.4	21.4	18.6	15.7	6.7	5.8	9.7	1.8	-0.7	9.7
6	16.0	16.0	27.9	21.9	17.6	15.5	7.9	5.8	8.9	1.4	-1.0	10.4
7	15.2	16.7	28.2	22.0	16.6	15.1	9.7	6.3	7.8	1.2	-0.8	10.4
8	14.4	16.8	28.0	22.1	15.9	14.6	11.7	6.3	6.6	1.4	-0.4	9.7
9	13.9	16.6	27.5	21.9	15.9	14.0	13.1	6.5	5.6	1.5	0.0	8.8
10	13.5	16.5	26.9	21.6	16.0	13.1	14.8	6.3	4.7	1.1	0.4	8.3
11	12.8	16.2	26.0	21.3	15.9	12.0	15.8	5.0	4.2	0.2	1.1	7.8
12	12.0	15.6	24.6	21.1	15.1	11.1	15.4	3.5	5.0	-0.3	1.4	7.1
13	10.9	15.0	22.8	21.4	14.1	10.7	14.8	3.1	5.3	0.0	2.3	6.5
14	10.8	14.6	21.2	22.1	13.1	10.3	14.4	3.1	4.8	0.5	2.4	6.6
15	10.7	14.2	19.8	22.6	11.8	10.6	14.5	2.7	3.9	0.7	1.3	7.4
16	10.6	13.7	18.9	23.7	10.9	11.0	14.8	1.8	3.0	0.6	0.7	8.1
17	10.5	13.4	18.3	25.5	10.4	10.6	15.0	1.5	3.8	0.2	1.1	8.9
18	10.1	13.2	17.6	27.2	9.7	9.6	15.0	2.2	4.4	0.1	1.7	9.6
19	9.9	13.0	16.8	28.2	9.1	8.8	14.7	3.2	4.3	0.0	2.0	9.6
20	10.0	12.9	16.0	28.5	8.9	8.7	14.1	3.8	3.8	-0.2	2.2	9.3
21	11.6	12.8	15.4	28.5	8.6	8.6	13.2	4.7	3.6	-0.5	2.4	9.4
22	13.5	13.1	15.3	28.4	8.3	7.9	12.1	6.0	3.8	-0.8	2.6	10.2
23	15.2	13.7	16.2	28.4	8.5	6.9	10.9	6.5	4.6	-1.3	1.9	11.9
24	16.6	14.4	17.3	28.1	9.3	6.8	9.5	6.4	6.2	-0.9	1.2	13.9
25	17.6	15.2	18.0	27.8	10.5	7.2	7.8	6.5	7.3	-0.9	1.3	15.9
26	18.2	16.1	17.9	27.4	11.9	7.6	6.7	6.6	7.5	-0.9	1.9	17.7
27	18.6	17.1	17.1	26.3	12.8	8.2	5.8	5.5	7.0	-0.7	2.7	21.5
28	18.6	18.6	16.4	24.8	12.9	8.5	5.2	4.4	5.8	-0.5	3.3	24.7
29	17.6		16.1	E 22.6	12.6	8.3	4.6	3.6	4.7	-0.5	3.5	26.5
30	16.0		16.2	E 21.1	12.1	7.5	4.1	3.3	3.4	-0.8	4.6	27.9
31	14.7		16.7		11.9		4.9	3.9		-1.2		28.3

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

MEAN	14.69	14.83	20.88	23.75	13.51	10.88	10.36	4.71	5.83	0.34	1.14	12.10
MAX.	20.4	18.6	28.2	28.5	20.5	15.7	15.8	6.6	10.2	2.7	4.6	28.3
MIN.	9.9	12.8	15.3	17.4	8.3	6.8	4.1	1.5	3.0	-1.3	-1.5	6.0

E- ESTIMATED.
HIGHEST STAGE WAS 28.50 ON APR. 20 AND 21.
LOWEST STAGE WAS -1.50 ON NOV. 2.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.0	14.7	24.1	20.5	16.4	23.0	10.9	11.5	5.7	18.7	21.0	25.6
2	14.0	13.6	23.8	19.4	15.3	22.3	11.1	11.3	5.3	18.8	21.0	26.5
3	13.1	12.7	22.9	18.4	14.4	21.5	11.7	10.6	5.1	19.2	20.8	26.8
4	12.7	13.1	21.8	17.5	14.1	20.8	12.3	9.8	5.0	19.8	20.6	27.0
5	12.4	17.1	20.8	16.7	14.4	20.2	13.9	9.4	4.5	20.8	20.5	27.3
6	12.1	20.1	19.9	16.3	15.0	19.5	15.3	9.1	4.9	22.4	20.2	27.6
7	11.9	22.3	18.9	15.9	15.3	18.8	16.3	8.8	6.3	23.9	19.8	27.5
8	11.9	24.3	17.9	15.5	15.2	18.6	17.4	8.3	7.2	25.3	19.7	27.2
9	11.7	25.5	16.7	15.8	14.9	18.9	18.1	7.9	7.3	26.5	19.4	27.1
10	11.3	26.2	15.7	16.6	14.7	19.5	17.5	7.6	6.9	27.3	19.8	27.2
11	10.5	26.7	15.1	17.2	14.9	20.6	16.2	7.8	5.9	28.0	21.2	27.3
12	9.6	26.9	15.2	17.5	15.2	22.0	15.9	8.0	4.6	28.3	22.4	27.9
13	8.9	27.2	15.8	17.4	15.3	22.1	17.0	7.8	4.0	28.3	23.3	28.2
14	8.5	27.3	16.9	17.4	15.2	21.3	18.1	7.7	4.8	28.1	24.2	28.3
15	8.4	27.2	18.8	17.2	15.5	20.5	19.3	7.6	5.2	27.7	24.8	28.0
16	8.1	27.0	21.4	17.0	16.3	19.9	20.4	7.2	4.6	27.2	24.9	27.5
17	7.8	26.7	22.7	16.9	18.6	19.4	21.4	6.3	4.3	26.7	24.9	27.3
18	7.5	26.1	24.7	16.7	20.9	19.0	21.8	6.3	5.3	26.1	23.7	27.0
19	7.4	25.5	25.7	16.7	21.2	18.8	22.0	6.5	6.3	25.5	22.3	26.7
20	7.5	25.0	26.4	16.7	20.8	18.1	21.6	7.7	7.4	25.1	20.4	26.0
21	7.7	24.5	27.2	16.7	20.3	17.0	20.9	8.9	8.4	24.5	19.0	24.5
22	8.4	24.4	27.5	16.9	20.2	16.2	19.9	9.2	8.4	23.9	17.8	22.8
23	9.5	24.6	27.5	17.5	20.5	15.7	18.6	9.0	8.3	23.3	17.2	21.5
24	11.8	24.9	27.5	17.7	21.3	14.9	17.2	8.6	9.5	22.8	16.7	20.4
25	13.5	25.3	27.8	17.7	22.2	14.0	15.9	8.4	11.7	22.1	16.9	19.5
26	14.6	25.2	27.8	17.7	23.1	13.2	15.0	7.8	13.4	21.7	17.7	18.9
27	15.5	24.8	27.5	17.7	23.5	12.2	14.2	7.0	15.0	21.4	17.8	18.5
28	16.3	24.4	26.4	17.7	23.7	11.3	13.7	6.5	16.4	21.3	19.2	18.4
29	17.0		24.6	17.5	23.6	10.9	13.1	5.7	17.3	21.1	21.4	18.7
30	16.7		23.0	17.2	23.3	10.6	12.3	5.3	18.3	20.7	23.9	19.2
31	15.8		21.5		23.3		11.9	5.7		20.7		19.9

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

MEAN	11.52	23.33	22.37	17.25	18.34	18.03	16.48	8.04	7.91	23.78	20.75	24.72
MAX.	17.0	27.3	27.8	20.5	23.7	23.0	22.0	11.5	18.3	28.3	24.9	28.3
MIN.	7.4	12.7	15.1	15.5	14.1	10.6	10.9	5.3	4.0	18.7	16.7	18.4

HIGHEST STAGE WAS 28.30 ON OCT. 12 AND SUBSEQUENT DAYS.
LOWEST STAGE WAS 4.00 ON SEP. 13.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26.8	E 9.9	32.8	24.6	18.5	15.5	12.7	5.5	10.5	5.8	15.8	31.4
2	28.2	E 10.1	33.8	26.6	18.8	14.7	11.8	6.3	10.7	6.2	15.7	31.5
3	29.6	11.0	34.5	28.2	19.3	14.2	10.9	7.3	10.4	6.6	15.5	31.6
4	30.5	13.3	35.0	29.0	20.2	14.1	10.8	8.4	9.5	6.9	15.3	31.7
5	31.2	16.6	35.3	29.7	21.3	14.5	11.1	8.7	8.6	7.2	15.8	32.1
6	31.4	17.9	35.5	30.2	22.4	15.4	11.0	8.5	8.4	8.6	16.9	32.5
7	31.0	18.9	35.5	30.7	22.9	16.1	11.4	8.9	11.0	9.8	17.4	32.5
8	30.1	19.3	35.5	31.0	22.8	16.7	11.4	8.4	9.8	10.1	17.7	32.5
9	29.2	19.1	35.5	31.2	22.3	17.3	10.5	6.9	7.8	9.9	18.2	32.4
10	28.3	E 18.4	35.5	31.3	21.5	17.4	10.5	6.3	6.9	9.6	18.9	32.1
11	27.5	E 17.8	35.5	31.2	20.6	17.5	10.0	6.6	6.3	9.3	19.4	32.0
12	26.9	E 18.2	35.2	30.9	19.2	17.8	10.7	6.7	5.8	8.7	20.2	31.7
13	26.2	19.0	34.8	30.3	17.5	18.4	11.3	6.9	5.2	8.0	21.1	31.4
14	25.1	19.9	34.4	29.4	16.5	19.5	11.4	6.7	4.4	8.7	21.9	31.1
15	23.5	21.0	33.9	28.5	15.8	19.5	11.4	6.2	3.7	11.7	22.6	30.8
16	E 21.9	21.6	33.5	27.4	15.4	18.6	11.4	5.6	3.7	15.0	23.0	30.4
17	20.3	21.5	33.1	26.3	15.6	17.5	11.0	6.2	3.3	16.3	24.0	29.5
18	18.7	21.2	32.8	25.3	16.6	16.9	9.3	7.8	2.7	16.6	25.5	28.3
19	17.6	20.9	32.5	24.1	17.0	16.3	8.7	10.3	2.5	16.7	26.9	27.5
20	16.8	20.5	32.1	22.9	17.1	16.2	8.5	12.0	3.0	16.4	27.8	27.1
21	16.1	19.9	31.7	21.9	16.9	16.8	8.4	12.0	3.1	15.7	28.9	26.7
22	14.8	19.6	31.3	21.3	16.7	17.2	7.6	12.7	3.1	16.1	30.0	26.2
23	14.2	20.0	30.6	20.7	16.7	17.0	6.3	12.6	3.3	17.2	30.8	25.6
24	13.9	20.9	29.5	20.0	17.0	16.0	5.4	11.9	3.6	17.6	31.5	24.4
25	13.2	25.6	27.9	19.2	16.6	15.0	5.1	11.0	4.1	18.0	32.1	22.8
26	12.2	28.3	26.1	18.6	15.9	14.0	4.9	12.5	4.0	18.2	32.5	21.4
27	11.9	30.2	24.7	18.1	15.3	13.8	4.7	12.4	4.1	17.5	32.4	20.3
28	11.7	31.5	23.6	18.5	15.1	13.5	4.3	12.2	4.4	16.6	32.3	19.0
29	11.2		22.8	18.8	15.6	13.5	4.5	12.4	4.9	15.6	31.8	17.8
30	10.7		22.5	18.3	16.1	13.3	4.6	12.2	5.6	14.9	31.5	17.1
31	10.1		22.8		16.2		4.8	11.3		15.1		16.0

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

MEAN	21.32	19.72	31.62	25.47	18.05	16.14	8.92	9.14	5.81	12.60	23.78	27.66
MAX.	31.4	31.5	35.5	31.3	22.9	19.5	12.7	12.7	11.0	18.2	32.5	32.5
MIN.	10.1	9.9	22.5	18.1	15.1	13.3	4.3	5.5	2.5	5.8	15.3	16.0

E- ESTIMATED.
HIGHEST STAGE WAS 35.50 ON MAR. 6 AND SUBSEQUENT DAYS.
LOWEST STAGE WAS 2.50 ON SEP. 19.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.1	17.0	25.0	33.8	34.7	29.0	22.9	15.1	8.7	6.9	15.3	22.1
2	17.4	16.6	24.9	34.3	34.8	28.3	22.7	14.8	8.6	6.2	16.0	23.0
3	17.8	15.9	25.2	34.5	34.8	27.7	22.5	14.2	8.9	6.2	18.3	23.2
4	18.1	15.2	25.5	34.6	34.7	27.5	22.3	13.9	9.3	6.5	20.5	23.0
5	17.8	14.4	26.1	34.7	34.7	27.3	22.3	13.8	9.9	6.6	21.9	22.6
6	17.0	14.1	26.9	34.8	34.8	26.9	22.7	13.6	9.8	6.7	22.8	22.0
7	15.9	14.6	27.8	34.9	35.2	26.2	23.4	13.4	8.6	6.7	23.3	20.9
8	15.1	14.9	28.5	35.1	35.6	25.0	23.7	13.7	8.2	6.8	23.2	19.5
9	14.8	14.9	28.8	35.3	36.2	23.7	23.7	13.4	8.0	6.8	22.6	18.1
10	14.4	14.8	28.9	35.3	36.9	22.4	23.7	12.7	7.2	6.8	21.6	17.2
11	14.1	14.7	28.5	35.2	37.6	21.0	23.9	12.8	6.7	6.6	20.5	16.2
12	14.3	14.5	28.0	35.2	38.1	19.9	23.7	12.6	8.0	6.4	19.8	15.3
13	14.6	14.3	27.2	35.1	38.4	19.6	23.3	12.5	8.9	6.5	19.8	14.7
14	14.5	15.4	26.0	35.0	38.6	20.1	22.8	12.9	9.3	6.4	20.2	14.5
15	14.2	17.3	24.1	34.9	38.7	20.9	22.3	13.0	9.5	6.4	20.6	15.2
16	13.7	19.0	22.0	34.8	38.8	21.3	21.7	14.1	9.1	6.6	20.7	16.7
17	13.1	21.3	20.4	34.5	38.8	21.6	21.2	14.5	7.9	6.8	20.6	17.6
18	12.7	23.0	20.8	34.1	38.7	21.8	20.8	14.5	7.5	6.8	19.9	18.3
19	12.2	24.3	22.5	33.5	38.6	21.9	20.2	14.6	8.0	7.2	18.6	19.1
20	12.0	25.2	24.3	32.4	38.5	21.9	19.4	14.6	8.3	8.0	17.6	20.0
21	11.7	25.9	26.2	31.2	38.3	21.8	18.7	14.0	8.5	9.6	18.3	20.6
22	11.6	26.6	27.6	30.2	37.9	22.1	18.3	13.0	8.2	11.1	20.1	21.8
23	11.3	27.3	28.8	29.3	37.3	22.5	18.1	12.2	7.3	13.4	21.5	23.8
24	10.7	27.6	29.8	29.3	36.5	22.7	17.7	11.5	6.8	15.6	22.3	25.2
25	10.1	27.7	30.6	30.1	35.6	23.0	16.7	10.6	7.7	16.4	22.3	26.0
26	10.3	27.4	30.9	31.2	34.6	22.9	15.5	9.8	8.5	16.3	21.7	26.6
27	11.8	26.8	31.3	32.4	33.6	22.8	15.1	9.8	9.6	16.1	20.5	27.0
28	13.4	25.9	31.6	33.4	32.5	22.7	15.1	9.4	9.5	16.0	19.0	27.1
29	14.9	25.3	32.2	34.0	31.2	22.7	15.0	9.2	8.3	15.5	18.8	27.0
30	16.1		32.8	34.4	30.3	22.9	15.0	9.2	7.4	15.0	20.3	26.8
31	16.9		33.4		29.6		15.1	9.0		14.9		26.5

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

MEAN	14.18	20.06	27.31	33.58	35.95	23.33	20.30	12.65	8.40	9.48	20.28	21.21
MAX.	18.1	27.7	33.4	35.3	38.8	29.0	23.9	15.1	9.9	16.4	23.3	27.1
MIN.	10.1	14.1	20.4	29.3	29.6	19.6	15.0	9.0	6.7	6.2	15.3	14.5

HIGHEST STAGE WAS 38.80 ON MAY 16 AND 17.
LOWEST STAGE WAS 6.20 ON OCT. 2 AND 3.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	34.6	17.5	19.9	23.3	33.3	38.1	17.8	13.1	8.1	5.8	12.3	25.5
2	34.8	17.3	19.6	23.8	33.9	37.8	17.6	12.5	7.8	6.0	10.9	26.6
3	34.9	17.4	19.2	24.3	34.8	37.3	17.9	12.0	8.0	6.1	9.8	27.3
4	34.9	17.8	18.6	25.2	36.0	36.8	18.7	11.5	8.2	6.0	9.1	27.8
5	34.8	18.9	18.0	26.0	37.2	35.8	19.7	11.6	7.4	5.9	8.3	28.6
6	34.4	20.5	18.1	26.9	38.1	34.6	20.1	11.2	6.3	5.6	8.3	29.4
7	33.8	21.4	18.1	28.4	38.6	33.3	20.3	11.4	5.4	5.1	9.3	30.2
8	32.6	22.2	19.7	30.3	38.9	32.0	20.2	11.3	5.2	4.6	11.2	30.5
9	30.8	22.7	21.5	31.9	39.0	31.0	19.9	11.1	6.0	4.7	12.9	30.6
10	28.6	22.8	22.5	33.4	39.1	29.8	19.6	11.4	6.8	4.1	13.4	30.3
11	26.3	22.7	23.1	34.3	39.0	28.6	19.3	11.4	6.7	3.5	13.0	29.6
12	24.4	22.3	23.3	35.3	39.0	27.0	18.8	10.4	5.8	3.4	11.9	28.9
13	22.9	21.9	23.4	36.1	38.9	25.0	18.7	9.8	5.1	3.3	11.4	28.5
14	21.6	21.4	23.1	36.6	38.7	23.2	18.3	9.8	4.8	3.4	11.3	28.2
15	20.4	20.9	22.8	37.0	38.4	21.8	17.8	9.5	5.1	4.1	12.2	28.4
16	19.6	20.7	22.4	37.1	38.2	20.8	17.2	9.1	5.9	3.9	13.3	28.7
17	18.9	20.6	21.8	37.2	38.0	19.9	16.8	9.2	4.9	3.4	14.2	28.7
18	18.3	20.2	21.2	37.1	38.0	19.1	16.3	9.1	3.5	4.2	14.3	28.3
19	17.6	19.8	20.7	37.0	38.0	18.7	15.7	8.9	3.1	5.0	14.0	27.6
20	16.8	19.4	20.0	36.9	37.8	18.9	15.4	8.5	3.8	4.9	13.8	26.9
21	16.1	19.5	19.7	36.8	37.8	19.1	15.7	7.9	4.3	5.1	14.3	25.7
22	15.4	20.1	19.7	36.7	37.8	19.3	15.7	7.9	4.1	6.0	15.5	24.4
23	14.9	20.5	20.5	36.4	37.9	19.9	15.4	7.6	4.3	8.4	16.9	22.9
24	15.1	20.4	21.6	36.2	38.1	20.5	14.9	7.5	4.5	12.2	17.5	21.6
25	16.1	19.9	22.6	35.9	38.2	20.6	14.8	7.9	5.2	14.4	18.7	20.7
26	17.6	19.8	23.3	35.5	38.4	20.4	15.2	8.0	4.9	16.0	20.3	20.0
27	18.5	20.0	23.5	35.0	38.6	20.0	15.5	8.0	4.5	16.8	22.3	19.4
28	19.1	20.0	23.5	34.4	38.7	19.5	16.3	7.8	4.6	17.1	23.0	19.1
29	19.1		23.7	33.8	38.7	18.5	16.5	7.5	4.9	16.9	23.1	18.6
30	18.6		23.6	33.4	38.7	18.2	15.5	7.3	5.4	16.1	24.1	18.0
31	18.1		23.4		38.4		13.9	7.9		14.2		17.3

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

MEAN	23.53	20.30	21.35	33.07	37.87	25.51	17.26	9.62	5.48	7.62	14.34	25.75
MAX.	34.9	22.8	23.7	37.2	39.1	38.1	20.3	13.1	8.2	17.1	24.1	30.6
MIN.	14.9	17.3	18.0	23.3	33.3	18.2	13.9	7.3	3.1	3.3	8.3	17.3

HIGHEST STAGE WAS 39.10 ON MAY 10.
LOWEST STAGE WAS 3.10 ON SEP. 19.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.9	28.5	32.6	33.9	21.1	21.8	E 14.0	14.9	14.0	8.9	8.2	21.4
2	15.9	29.6	32.2	33.5	E 20.5	23.4	E 14.4	14.4	15.1	8.3	8.3	22.4
3	14.8	30.6	31.8	32.8	E 20.2	25.3	E 14.5	14.1	16.3	7.9	8.4	23.2
4	14.1	30.9	31.2	31.7	E 19.9	26.5	E 15.5	13.8	17.9	7.1	8.7	24.5
5	14.5	30.9	30.2	30.7	E 19.4	27.3	E 16.5	13.5	19.9	6.4	9.5	27.6
6	17.8	30.4	28.9	29.6	E 18.8	27.4	E 17.5	12.9	21.3	6.1	10.5	30.1
7	20.9	30.2	27.4	29.1	E 18.2	27.0	18.3	12.6	20.8	6.3	12.2	31.6
8	22.8	29.8	25.9	28.8	E 17.9	26.3	19.5	12.5	19.1	6.4	12.5	33.0
9	23.6	29.5	24.7	28.4	E 17.7	25.9	20.8	12.3	17.3	6.3	12.4	34.0
10	23.9	29.2	24.0	28.0	E 17.5	26.0	21.5	12.1	15.8	6.4	12.5	34.6
11	23.9	29.1	23.5	27.4	E 17.4	26.4	21.3	13.0	13.8	6.6	12.3	34.7
12	23.7	29.1	23.1	26.6	E 17.1	26.8	20.5	14.0	12.2	7.0	11.1	34.6
13	23.1	29.1	22.7	25.5	E 16.8	27.0	20.1	14.2	11.0	7.9	E 10.0	34.4
14	21.9	28.8	22.4	24.6	E 17.0	27.2	19.9	14.2	10.3	8.6	9.6	34.0
15	19.6	28.2	22.8	23.8	E 17.0	27.3	18.8	13.9	10.8	9.5	9.5	33.6
16	17.3	27.4	23.9	23.1	16.5	27.3	17.8	12.7	11.5	E 10.5	9.8	33.1
17	15.1	26.6	25.7	22.4	16.0	27.2	17.2	11.3	11.8	E 10.2	10.8	32.6
18	13.0	25.8	27.5	22.2	15.2	26.8	16.7	10.8	12.4	E 9.8	12.6	32.0
19	12.0	25.2	28.9	22.7	14.5	26.4	16.4	13.8	13.2	E 10.2	14.0	31.5
20	10.6	25.5	30.3	23.3	14.9	26.2	16.5	15.9	13.9	E 10.4	14.5	31.0
21	10.0	26.6	31.2	24.0	15.8	25.8	16.6	16.3	13.9	E 10.0	14.9	30.5
22	9.5	28.0	32.0	24.8	16.4	25.2	16.9	16.1	13.5	E 9.6	15.0	30.0
23	10.3	29.2	32.9	25.3	17.4	24.4	17.6	14.5	12.9	E 9.5	15.5	29.4
24	14.7	30.3	33.4	25.4	18.3	23.2	18.6	13.2	12.6	E 9.3	16.3	28.7
25	20.9	31.1	33.8	25.2	19.0	21.8	19.2	11.8	12.1	9.0	17.0	28.1
26	24.0	31.8	34.2	24.7	19.2	20.2	19.6	11.4	11.9	8.6	17.3	28.3
27	25.7	32.3	34.4	23.7	19.3	18.7	19.9	11.0	11.5	8.3	17.7	29.3
28	26.7	32.6	34.6	22.6	20.0	17.4	19.5	10.4	10.2	8.1	18.5	30.6
29	27.3		34.6	22.0	20.6	16.0	18.3	11.1	9.5	8.4	19.3	32.0
30	27.7		34.5	21.6	20.7	14.6	16.7	11.7	9.3	8.7	20.3	33.2
31	27.8		34.2		20.9		15.7	12.9		8.3		34.1

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

MEAN	19.03	29.15	29.34	26.24	18.10	24.42	17.94	13.13	13.85	8.33	12.97	30.58
MAX.	27.8	32.6	34.6	33.9	21.1	27.4	21.5	16.3	21.3	10.5	20.3	34.7
MIN.	9.5	25.2	22.4	21.6	14.5	14.6	14.0	10.4	9.3	6.1	8.2	21.4

E- ESTIMATED.
HIGHEST STAGE WAS 34.70 ON DEC. 11.
LOWEST STAGE WAS 6.10 ON OCT. 6.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.	2.3	21.6	5.9	20.8	24.4	22.5	22.3	7.3	4.7	11.0	7.6
2	0.	3.4	22.4	8.0	18.7	23.9	22.1	23.2	8.4	5.2	12.0	8.5
3	0.1	3.8	22.7	9.8	17.3	23.9	21.3	23.4	9.6	5.5	12.3	10.4
4	0.4	5.5	22.5	11.3	16.5	24.0	20.5	22.9	11.7	5.5	12.2	12.3
5	1.0	8.9	22.3	11.6	15.8	24.3	20.1	21.8	13.3	5.2	11.7	13.3
6	0.6	11.7	22.4	10.3	15.9	24.8	20.1	20.3	14.5	4.9	11.0	13.3
7	0.6	13.9	22.0	9.5	16.4	25.3	20.4	18.8	15.2	4.9	10.7	14.0
8	0.2	15.2	21.3	10.8	16.8	26.1	21.0	17.7	15.4	5.3	13.0	14.3
9	-0.8	15.2	20.5	13.0	16.7	26.9	21.8	16.8	15.6	5.6	14.2	14.2
10	-0.9	14.3	19.6	14.1	16.2	27.5	22.5	16.7	15.3	5.6	13.7	13.3
11	-0.9	12.6	18.8	14.5	15.4	27.6	22.9	16.3	14.6	5.5	12.7	11.8
12	-0.9	11.4	18.4	14.5	15.0	27.4	22.8	16.1	13.0	5.4	11.6	10.6
13	-0.8	10.1	17.8	13.8	15.0	26.7	21.6	16.1	11.7	5.6	10.7	9.7
14	-0.9	9.8	16.7	13.1	15.5	26.6	20.2	15.6	10.8	5.7	9.9	9.2
15	-0.8	9.8	15.2	12.9	16.1	26.6	18.4	14.3	10.3	5.7	9.3	8.5
16	-0.8	9.8	13.4	13.5	17.0	26.7	17.1	13.5	9.8	5.7	8.6	8.5
17	-1.1	10.3	11.6	15.2	17.7	26.7	15.9	13.0	9.3	5.7	7.7	8.4
18	-1.5	11.1	9.7	17.1	18.1	26.8	15.4	12.7	8.7	5.7	6.8	7.8
19	-1.7	11.5	8.2	19.2	19.1	26.8	15.3	12.4	8.6	6.0	5.8	7.5
20	-1.7	11.1	7.4	20.5	21.6	26.6	15.4	12.1	8.4	6.7	5.1	7.4
21	-1.5	11.6	7.3	21.3	24.8	26.4	15.2	11.9	7.8	7.8	4.7	7.1
22	-1.2	14.0	7.0	21.6	27.0	26.4	15.6	12.1	7.1	8.3	4.7	6.3
23	-1.2	16.3	6.8	21.8	28.4	25.9	16.9	11.9	6.5	8.3	4.8	5.7
24	-1.0	17.9	6.5	22.6	29.3	25.4	18.1	10.7	5.8	8.5	5.1	6.6
25	-0.9	18.7	6.2	23.1	29.5	24.7	18.7	9.6	5.4	8.7	5.8	9.5
26	-1.0	19.2	5.4	23.1	29.3	24.3	19.1	9.3	5.0	8.5	6.4	12.3
27	-0.9	19.7	4.1	22.7	28.8	23.7	19.5	9.1	4.1	8.1	6.8	14.3
28	0.1	20.6	3.7	22.5	28.3	23.1	19.8	8.8	3.7	8.2	6.5	15.0
29	0.7		3.4	22.0	27.6	22.7	20.0	8.2	3.8	8.4	6.1	15.9
30	0.8		4.0	21.1	26.4	22.5	20.4	7.5	4.2	8.8	6.8	16.8
31	0.9		4.8		25.0		21.2	6.9		9.4		17.2

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

MEAN	-0.49	12.13	13.34	16.01	20.84	25.49	19.41	14.58	9.50	6.55	8.92	10.88
MAX.	1.0	20.6	22.7	23.1	29.5	27.6	22.9	23.4	15.6	9.4	14.2	17.2
MIN.	-1.7	2.3	3.4	5.9	15.0	22.5	15.2	6.9	3.7	4.7	4.7	5.7

HIGHEST STAGE WAS 29.50 ON MAY 25.
LOWEST STAGE WAS -1.70 ON JAN. 19, 20, AND 21.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23.8	17.4	19.6	34.4	19.6	16.5	13.9	7.7	12.2	7.9	6.4	10.1
2	23.8	16.2	19.7	34.5	18.4	15.4	14.6	8.3	10.0	8.8	6.4	9.9
3	23.7	15.2	19.2	34.7	17.7	14.2	14.6	9.4	8.4	9.4	6.5	10.2
4	23.3	14.3	17.7	34.8	17.5	13.2	14.6	10.0	7.9	9.0	7.0	9.7
5	22.7	13.7	16.3	34.8	17.6	13.4	14.7	9.9	8.8	8.7	6.4	8.2
6	21.3	12.9	15.3	34.6	17.7	15.2	15.3	8.5	10.3	8.5	5.9	6.9
7	19.9	11.6	14.6	34.2	17.9	17.9	15.4	7.7	10.7	7.6	6.2	6.1
8	18.6	10.5	14.8	33.7	17.5	19.9	15.0	7.8	11.2	7.5	5.7	6.0
9	17.5	9.9	15.8	32.9	16.8	21.4	14.2	9.1	12.0	7.9	5.3	6.4
10	16.6	9.5	18.3	32.3	15.6	22.1	13.5	9.9	12.4	7.3	4.9	6.6
11	16.3	9.1	20.7	31.7	14.4	22.3	12.2	10.4	12.3	7.3	4.5	6.3
12	16.2	9.5	22.4	31.4	12.8	21.8	11.8	10.5	11.3	6.6	3.9	6.7
13	16.2	10.1	23.7	30.9	11.6	21.1	12.4	10.4	10.3	4.6	3.9	9.4
14	16.5	9.7	24.4	30.4	10.8	20.6	13.0	9.8	10.0	3.4	3.5	12.7
15	17.5	9.2	24.6	29.9	10.4	20.3	13.8	9.5	9.1	3.3	3.0	14.0
16	18.6	9.4	24.7	29.9	10.3	19.8	14.6	10.7	8.6	2.7	3.4	13.8
17	19.5	10.0	24.7	30.2	11.0	19.3	14.9	12.3	8.8	2.1	3.3	12.9
18	20.1	11.2	24.8	30.5	12.0	18.8	14.7	13.8	9.0	2.2	3.4	11.3
19	20.3	12.1	25.4	30.8	13.2	18.3	14.2	15.2	9.6	2.2	4.1	9.8
20	20.2	12.9	26.1	30.9	15.8	17.9	13.1	15.7	9.7	1.8	5.0	8.2
21	19.9	13.7	26.8	30.9	18.1	17.7	10.7	15.6	9.8	3.3	5.8	6.5
22	19.8	14.8	27.6	30.7	19.6	17.5	7.9	15.7	9.7	5.6	7.2	5.5
23	20.0	15.2	28.7	30.4	19.9	17.3	6.7	16.2	9.3	4.1	7.9	5.0
24	20.2	15.2	29.9	30.0	19.5	17.0	6.0	16.8	9.3	3.0	7.2	4.7
25	20.5	15.2	30.8	29.6	19.2	16.2	5.8	17.4	10.3	3.2	6.2	3.3
26	20.8	15.3	31.7	28.6	19.3	15.8	7.5	17.8	9.8	3.3	5.5	1.6
27	20.9	16.4	32.4	27.3	19.4	15.6	9.5	17.9	9.4	3.2	6.2	1.3
28	20.4	18.0	33.1	25.5	19.7	14.8	10.6	17.6	9.3	3.0	7.5	1.5
29	19.7	19.0	33.5	23.6	19.5	13.8	10.9	17.3	9.1	4.9	8.3	1.4
30	19.3		33.8	21.5	18.8	13.3	10.5	16.4	8.5	6.4	9.5	0.8
31	18.4		34.1		17.5		8.8	14.7		6.9		0.3

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

MEAN	19.76	13.01	24.36	30.85	16.42	17.61	12.11	12.58	9.90	5.35	5.67	7.00
MAX.	23.8	19.0	34.1	34.8	19.9	22.3	15.4	17.9	12.4	9.4	9.5	14.0
MIN.	16.2	9.1	14.6	21.5	10.3	13.2	5.8	7.7	7.9	1.8	3.0	0.3

HIGHEST STAGE WAS 34.80 ON APR.4 AND 5.
LOWEST STAGE WAS 0.30 ON DEC. 31.

DAILY STAGES FOR 1979

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.8	28.3	31.3	33.8	34.2	23.5	17.7	23.0	21.9	23.1	13.0	27.4
2	20.2	28.0	32.2	34.5	33.0	24.0	16.7	23.3	22.2	22.4	12.3	27.7
3	21.3	27.1	32.8	35.0	31.8	24.5	15.3	23.5	22.2	21.8	12.3	27.9
4	22.8	25.7	33.5	35.6	31.0	24.7	15.0	23.5	22.1	21.4	13.8	28.0
5	24.1	23.8	34.2	36.0	30.5	24.7	15.4	23.4	21.9	21.3	15.5	28.0
6	25.0	21.4	35.4	36.4	30.7	24.0	15.5	22.9	21.3	21.1	16.3	27.7
7	25.8	19.2	36.4	36.7	30.9	23.3	15.4	21.9	20.3	20.6	17.2	26.9
8	26.2	17.3	37.3	37.0	31.3	22.4	15.3	21.0	19.3	20.0	18.2	25.6
9	26.7	15.4	38.2	37.1	31.5	21.6	15.5	20.3	18.3	19.4	18.9	24.6
10	27.0	14.4	38.5	37.1	31.6	21.1	16.1	19.6	17.5	18.9	19.3	21.6
11	27.3	13.3	38.6	37.1	31.6	20.9	16.2	18.9	16.9	18.3	19.2	20.0
12	27.5	12.5	38.4	37.2	31.4	21.2	15.9	18.5	16.4	17.8	19.3	18.9
13	27.5	12.0	38.3	37.3	31.1	21.6	15.9	18.4	16.1	17.3	19.8	18.3
14	27.2	11.6	38.1	37.5	30.5	21.5	16.2	18.1	15.8	16.9	20.2	17.6
15	26.8	11.0	37.9	38.0	29.6	21.2	16.4	18.2	15.5	16.9	20.4	18.0
16	26.3	10.6	37.8	38.4	28.6	20.6	16.6	18.5	16.1	17.3	20.4	19.0
17	25.2	10.8	37.7	38.8	27.6	20.0	16.8	18.6	18.4	17.6	20.3	20.1
18	23.9	11.4	37.6	39.1	26.9	19.2	17.0	18.1	21.0	17.8	20.2	21.1
19	22.6	12.3	37.5	39.3	26.4	17.9	17.0	17.0	22.6	17.9	19.7	21.9
20	21.6	13.6	37.3	39.3	26.0	17.0	16.9	15.7	22.9	17.6	19.2	22.1
21	21.3	15.3	36.9	39.1	25.5	16.1	16.9	13.6	22.7	17.1	18.5	21.7
22	21.9	16.6	36.5	38.9	24.8	15.7	16.9	12.6	21.9	16.3	18.1	20.5
23	23.0	17.8	36.1	38.8	23.8	15.7	16.6	13.4	21.2	15.5	17.5	19.0
24	24.0	19.9	35.5	38.5	23.0	16.4	16.2	14.9	21.1	14.5	17.2	17.8
25	25.3	23.2	35.0	38.2	22.2	17.0	15.9	16.8	21.7	13.6	17.3	17.0
26	26.1	26.5	34.6	37.6	21.8	17.8	16.1	18.2	22.8	13.0	18.8	17.5
27	27.0	28.7	34.2	37.3	21.5	18.3	16.7	19.1	23.5	12.7	21.8	18.9
28	27.6	30.2	33.9	36.8	21.8	18.8	17.1	19.7	23.7	12.2	24.5	21.0
29	28.1		33.7	36.2	22.1	18.9	18.1	20.2	23.7	11.7	26.0	22.5
30	28.4		33.5	35.3	22.3	18.5	20.1	20.8	23.5	11.8	26.9	23.2
31	28.5		33.6		22.8		22.2	21.4		12.5		23.6

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

MEAN	25.03	18.50	35.89	37.26	27.67	20.27	16.63	19.13	20.48	17.30	18.74	22.10
MAX.	28.5	30.2	38.6	39.3	34.2	24.7	22.2	23.5	23.7	23.1	26.9	28.0
MIN.	19.8	10.6	31.3	33.8	21.5	15.7	15.0	12.6	15.5	11.7	12 3	17.0

HIGHEST STAGE WAS 39.30 ON APR 19 AND 20.
LOWEST STAGE WAS 10.60 ON FEB 16.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA [REVISED], 919,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. [1929-58 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.2	24.4	8.6	36.4	24.7	24.6	14.7	15.4	10.1	12.5	7.8	16.2
2	20.6	25.3	9.2	36.2	24.6	23.8	14.9	15.2	10.6	11.2	7.3	17.0
3	19.8	25.8	9.5	36.1	24.6	22.4	16.0	15.7	11.3	9.6	6.5	17.2
4	19.0	25.7	9.8	35.9	24.8	21.0	16.7	16.2	12.5	8.5	5.1	16.9
5	18.1	25.7	10.2	35.6	25.2	19.3	17.1	16.4	13.5	8.1	4.5	17.5
6	17.2	25.5	10.7	35.2	24.9	18.4	17.3	16.3	13.9	7.5	3.9	19.5
7	16.4	24.8	11.0	34.5	24.0	17.9	17.2	15.8	13.6	7.0	3.3	21.7
8	16.3	23.4	11.8	33.5	22.9	17.5	17.1	15.0	11.8	6.5	3.2	23.2
9	16.2	21.3	13.4	32.5	22.7	17.0	17.0	14.7	10.1	6.3	3.5	24.6
10	16.1	18.9	15.0	31.0	23.8	16.7	17.1	14.3	9.0	5.6	3.7	26.0
11	17.2	16.6	16.0	29.5	25.8	16.5	17.4	14.5	8.5	5.4	3.7	27.0
12	19.1	14.3	16.9	28.1	27.5	16.4	17.3	14.7	8.1	5.0	3.4	28.0
13	20.7	13.0	18.5	27.1	28.6	16.8	17.2	14.7	8.2	5.0	3.1	28.8
14	21.8	12.3	20.3	26.5	29.4	17.0	17.1	14.4	8.1	5.1	2.9	29.2
15	22.6	12.0	22.6	26.3	30.0	17.0	17.5	14.0	7.7	5.8	2.9	29.4
16	22.8	11.9	24.6	26.4	30.2	16.4	17.2	13.6	8.2	7.0	3.0	29.6
17	22.7	12.1	27.3	26.4	30.5	15.3	17.2	13.5	8.7	7.6	3.6	29.7
18	22.1	12.1	29.3	26.5	31.0	14.0	17.5	13.5	7.5	8.3	4.9	29.8
19	20.8	12.0	30.4	26.4	31.3	12.6	18.1	13.1	6.3	9.1	7.3	29.8
20	19.4	11.7	31.4	26.2	31.3	11.8	18.6	11.8	7.0	9.4	9.8	29.8
21	18.0	11.4	32.4	25.7	31.1	11.6	18.8	11.1	9.1	8.4	11.4	29.7
22	16.9	11.3	33.3	25.3	30.9	12.2	18.4	10.7	10.7	7.6	12.6	29.4
23	16.3	11.2	33.9	25.0	30.5	12.5	17.1	10.3	12.4	7.1	13.4	28.8
24	16.0	11.0	34.5	25.0	29.9	13.1	15.8	9.6	13.9	6.3	13.5	27.9
25	16.0	10.3	34.9	25.3	29.2	13.7	14.9	8.9	14.1	5.4	12.2	26.6
26	16.2	9.4	35.4	25.5	28.3	14.0	14.4	7.8	13.7	5.0	10.8	25.4
27	16.8	8.5	35.8	25.7	27.7	14.4	14.3	7.2	13.4	4.2	11.0	24.2
28	18.0	8.3	36.1	25.6	27.3	14.7	14.9	7.0	13.1	3.8	13.0	23.2
29	19.9		36.4	25.4	26.7	15.0	15.6	7.2	12.7	4.4	14.3	22.3
30	21.5		36.5	25.0	26.0	15.0	15.9	8.1	12.6	5.8	15.1	21.5
31	23.3		36.6		25.3		15.7	8.9		7.1		20.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	18.99	16.07	23.61	28.98	27.43	16.28	16.64	12.56	10.67	6.94	7.35	24.84
MAX.	23.3	25.8	36.6	36.4	31.3	24.6	18.8	16.4	14.1	12.5	15.1	29.8
MIN.	16.0	8.3	8.6	25.0	22.7	11.6	14.3	7.0	6.3	3.8	2.9	16.2

HIGHEST STAGE WAS 36.60 ON MAR. 31.
LOWEST STAGE WAS 2.90 ON NOV. 14.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 852.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES; BANKFULL STAGE, 36 FEET. LOW WATER REFERENCE PLANE, 3.1 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.7	1.6	17.2	23.9	15.7	3.9	14.4	6.4	7.9	14.5	18.8	21.7
2	3.7	1.3	19.4	24.2	15.5	3.9	14.8	5.3	6.7	14.7	18.2	22.4
3	3.3	0.1	20.6	23.9	15.3	3.3	14.7	4.2	6.6	14.7	17.5	23.4
4	3.4	-0.4	21.4	23.5	15.0	2.8	13.4	2.7	7.0	15.4	16.8	24.7
5	3.2	-0.5	22.0	22.8	15.2	2.6	13.0	2.3	7.0	17.0	17.5	25.6
6	3.2	-0.5	23.2	22.9	15.4	2.5	13.2	2.1	7.0	18.3	19.2	26.3
7	3.4	0.4	24.3	23.9	15.3	2.5	12.8	1.7	7.7	18.7	20.6	27.3
8	3.7	0.6	25.0	25.3	14.9	2.9	11.6	1.0	9.6	18.9	21.5	27.8
9	3.8	0.0	25.5	26.6	15.2	3.0	10.7	0.5	11.1	18.8	21.7	28.2
10	4.6	-0.1	25.8	27.6	17.0	3.0	10.0	0.7	12.3	18.8	21.5	28.3
11	5.0	0.0	25.8	28.2	18.4	3.1	9.3	2.5	12.7	18.9	21.3	28.3
12	4.4	0.6	25.7	28.7	19.1	3.0	8.9	5.6	12.2	19.4	21.5	28.3
13	3.8	0.4	25.5	28.9	19.3	2.7	8.8	9.2	11.4	20.0	21.8	28.2
14	3.8	1.3	25.7	28.8	19.0	3.3	9.3	11.2	10.7	20.3	22.0	28.0
15	3.8	2.6	26.2	28.5	18.0	4.5	9.2	12.4	10.0	20.2	22.3	27.7
16	4.7	5.1	26.6	28.2	16.3	5.6	8.6	13.2	9.4	20.0	22.6	26.9
17	5.3	7.8	26.6	27.4	14.7	5.5	8.4	13.9	10.1	19.4	22.1	26.4
18	5.4	10.2	26.5	26.3	13.2	4.1	8.9	14.9	12.9	18.7	21.5	25.7
19	5.5	11.5	26.4	24.3	11.7	2.1	9.3	16.1	16.5	17.4	20.7	25.3
20	5.5	12.0	25.9	21.9	10.5	1.2	7.9	16.7	17.7	16.3	19.9	25.1
21	5.4	11.4	25.4	19.0	9.4	2.1	6.5	16.3	17.8	14.9	19.6	24.9
22	5.3	10.0	24.4	16.0	8.6	2.7	4.9	15.6	17.7	14.1	19.7	25.1
23	4.7	8.8	23.4	13.6	8.0	3.7	4.9	14.3	17.2	13.6	20.1	25.4
24	4.8	8.6	22.4	12.3	7.3	3.6	6.1	13.1	16.7	13.5	20.9	25.6
25	5.0	8.6	21.6	12.5	6.4	3.2	6.8	11.7	16.4	13.7	21.7	25.3
26	5.4	9.5	21.0	13.8	5.7	5.3	6.9	9.7	15.8	13.5	21.8	24.7
27	5.0	11.6	20.5	14.7	5.9	7.9	6.8	8.9	15.6	13.2	21.6	24.4
28	4.5	14.4	19.8	15.2	6.3	10.0	6.7	9.9	15.1	13.6	21.2	24.0
29	4.2		20.3	15.2	6.1	11.8	7.0	9.8	14.9	16.7	21.1	23.3
30	2.2		22.1	15.7	5.6	13.6	6.7	9.4	14.4	19.0	21.3	22.5
31	1.8		23.2		4.5		6.6	9.1		19.4		21.8
THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE												
MEAN	4.26	4.97	23.52	22.12	12.52	4.30	9.25	8.75	12.27	16.94	20.59	25.56
MAX.	5.5	14.4	26.6	28.9	19.3	13.6	14.8	16.7	17.8	20.3	22.6	28.3
MIN.	1.8	-0.4	17.2	12.3	4.5	1.2	4.9	0.5	6.6	13.2	16.8	21.7

HIGHEST STAGE WAS 28.90 ON APR. 13.
LOWEST STAGE WAS MINUS 0.40 AT 800 A.M., FEB. 6.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 919,500 SQUARE MILES. THE DRAINAGE AREA IN THE GREAT DIVIDE BASIN IN SOUTHERN WYOMING, APPROXIMATELY 4,000 SQUARE MILES, IS NO LONGER INCLUDED. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.3	21.7	29.5	24.7	19.7	12.5	13.8	8.8	3.8	4.6	11.1	3.6
2	22.0	22.2	29.5	25.2	20.5	13.6	13.6	7.8	2.7	5.8	12.1	4.9
3	22.5	22.7	29.1	25.4	20.8	15.2	13.3	7.7	2.8	5.2	12.7	5.3
4	23.3	22.6	28.7	25.5	20.7	16.4	13.6	8.3	2.8	4.2	12.8	5.2
5	24.3	22.4	27.9	25.7	20.5	17.3	14.9	8.9	2.2	4.0	12.7	5.3
6	25.2	22.0	27.1	25.5	19.9	17.7	16.0	9.0	1.1	4.8	12.7	5.0
7	26.0	21.2	26.3	25.3	19.3	17.8	16.0	8.2	0.8	5.0	12.6	4.2
8	26.4	20.1	26.1	24.7	18.6	17.7	15.5	6.2	0.9	4.1	12.2	3.8
9	26.7	18.8	26.2	24.2	17.9	17.1	14.6	4.6	0.2	2.8	11.2	3.5
10	27.1	17.5	26.3	23.4	17.4	16.1	13.8	4.6	0.1	2.2	9.8	4.2
11	27.0	16.4	26.3	22.4	16.9	14.2	13.1	5.2	0.4	2.1	8.1	6.0
12	26.9	16.0	26.0	21.3	16.9	12.5	12.6	5.2	0.4	3.0	6.7	8.1
13	26.3	15.8	25.3	20.2	16.4	11.4	12.3	4.9	0.4	4.5	5.8	9.6
14	25.3	15.6	24.7	19.4	15.2	10.6	12.1	4.9	0.9	6.7	5.3	11.2
15	23.7	15.3	24.0	18.7	14.2	9.2	11.1	4.4	1.1	9.6	5.0	12.2
16	22.0	15.2	23.8	17.9	14.7	7.7	10.6	3.0	0.6	12.0	4.6	12.0
17	20.6	15.6	23.5	16.9	15.2	8.3	11.3	3.8	0.6	13.9	4.1	11.0
18	20.0	17.2	23.3	16.6	15.5	8.7	12.1	4.5	0.6	14.7	3.7	10.0
19	20.1	19.2	23.2	15.9	15.7	8.9	11.9	5.4	-0.2	14.0	3.7	9.2
20	20.4	22.3	23.0	15.3	16.6	9.4	10.5	6.2	-0.5	12.0	3.4	8.8
21	20.5	24.5	22.7	15.0	17.4	9.9	9.4	6.1	0.4	8.8	2.9	8.3
22	20.1	25.9	22.4	14.6	18.0	10.5	9.1	5.1	1.2	6.2	3.0	7.1
23	19.4	27.0	22.1	14.5	18.0	11.9	8.4	5.1	0.4	4.7	3.2	6.6
24	18.3	27.8	22.2	14.6	17.2	12.2	7.9	3.6	0.2	3.8	2.3	6.2
25	17.0	28.8	22.4	15.8	15.6	12.4	6.7	2.3	0.3	3.8	1.7	5.8
26	16.3	29.3	23.2	17.0	14.5	13.4	7.5	2.0	-0.2	4.6	2.2	5.4
27	16.2	29.6	23.4	17.8	13.3	14.0	8.5	1.9	0.5	6.2	2.2	5.0
28	17.0	29.7	23.8	18.2	12.4	14.2	8.9	2.2	0.2	7.4	2.8	4.4
29	18.5	29.7	24.1	18.5	11.4	14.0	8.9	2.8	0.6	9.2	3.4	4.2
30	19.9		24.3	19.0	10.9	13.8	9.6	3.0	2.7	9.5	2.6	3.9
31	21.0		24.3		11.5		10.0	3.8		10.1		4.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	21.97	21.79	24.98	19.96	16.53	12.94	11.53	5.14	0.92	6.75	6.54	6.58
MAX.	27.1	29.7	29.5	25.7	20.8	17.8	16.0	9.0	3.8	14.7	12.8	12.2
MIN.	16.2	15.2	22.1	14.5	10.9	7.7	6.7	1.9	-0.5	2.1	1.7	3.5

HIGHEST STAGE WAS 29.70 FROM FEB. 27 TO 29.
LOWEST STAGE WAS MINUS 0.60 AT 400 P.M., SEP. 19.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.7	24.0	32.5	39.3	32.7	21.3	19.5	11.2	11.3	18.8	15.4	14.5
2	22.8	24.8	32.6	39.7	33.3	20.9	19.8	9.8	12.7	18.4	14.5	15.1
3	23.6	26.2	32.8	39.8	33.6	20.3	19.9	9.4	13.1	17.2	13.7	16.0
4	24.2	27.7	32.8	39.9	33.8	20.1	19.5	10.2	13.7	15.5	12.7	17.7
5	24.8	28.5	32.9	39.9	33.7	20.5	18.8	10.8	14.5	13.4	12.0	19.3
6	25.3	29.0	32.8	39.8	33.6	20.9	17.8	10.5	15.4	11.8	11.5	20.3
7	25.3	29.3	32.6	39.6	33.7	21.0	17.7	9.5	15.4	11.3	11.3	20.5
8	25.3	29.6	32.4	39.5	33.6	20.8	18.1	9.6	14.5	11.1	10.9	20.3
9	25.2	29.8	32.1	39.2	33.5	20.4	18.7	10.0	12.8	10.2	11.0	19.5
10	24.9	30.1	31.7	38.7	33.3	19.9	18.7	10.5	12.0	9.9	11.6	18.5
11	24.5	30.2	31.1	38.2	33.3	19.7	17.8	10.7	12.0	11.1	12.0	18.0
12	24.7	30.2	30.7	37.4	33.3	19.7	17.3	10.0	11.8	13.4	12.2	17.7
13	26.0	30.1	30.3	36.4	33.0	20.0	17.3	9.1	11.4	11.8	12.7	17.4
14	27.2	29.9	30.2	35.6	32.7	20.0	17.1	8.1	11.6	11.3	12.9	17.0
15	28.5	29.7	31.0	34.3	32.2	19.8	16.3	7.9	11.6	11.1	13.1	16.7
16	29.1	29.4	32.2	32.6	31.3	19.5	15.4	7.9	11.8	10.2	13.8	16.3
17	29.5	28.8	33.4	30.0	30.7	19.3	14.9	8.1	12.7	9.9	14.7	16.3
18	29.5	28.0	34.6	27.3	28.8	19.6	14.6	9.2	13.4	11.1	17.0	17.0
19	29.1	27.2	35.5	25.4	27.7	19.9	14.4	10.1	12.8	13.1	18.4	18.3
20	28.3	26.7	36.2	24.3	27.0	20.2	14.2	10.6	12.0	15.7	19.1	19.6
21	27.6	26.4	36.7	23.7	26.6	20.5	14.1	11.6	12.0	18.6	18.7	20.3
22	26.8	26.2	37.0	23.3	26.3	20.6	14.3	12.3	12.1	20.5	17.9	20.4
23	26.1	26.0	37.3	23.0	26.0	20.5	14.3	11.5	12.8	21.6	16.7	20.1
24	25.6	26.4	37.4	22.8	25.5	20.3	14.7	9.3	14.1	22.0	15.5	19.8
25	25.2	28.0	37.4	23.2	24.9	19.9	15.0	8.2	14.9	21.9	14.6	19.3
26	25.1	29.9	37.4	24.8	24.3	19.5	14.6	7.6	15.5	21.6	14.2	18.3
27	25.3	31.1	37.4	27.3	23.3	19.1	14.0	7.2	15.7	21.1	14.1	17.7
28	25.3	31.9	37.7	29.2	22.3	18.4	13.7	7.2	16.0	20.3	14.1	17.3
29	25.1		37.9	30.7	21.9	18.3	13.4	8.7	17.1	19.1	13.5	17.5
30	24.6		38.3	31.7	21.8	19.0	12.5	9.8	18.3	17.9	14.0	18.7
31	24.2		38.8		21.7		12.0	10.3		16.7		20.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	25.81	28.39	34.30	32.54	29.33	19.99	16.13	9.57	13.49	15.40	14.12	18.24
MAX.	29.5	31.9	38.8	39.9	33.8	21.3	19.9	12.3	18.3	22.0	19.1	20.5
MIN.	21.7	24.0	30.2	22.8	21.7	18.3	12.0	7.2	11.3	9.9	10.9	14.5

HIGHEST STAGE WAS 39.90 FROM 800 A.M., APR. 4 TO 800 A.M., APR. 5.
LOWEST STAGE WAS 7.0 AT 800 A.M., AUG. 27

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	29.4	37.4	29.4	29.2	22.5	29.6	26.2	10.9	14.3	10.2	7.0	16.9
2	29.6	37.5	28.9	27.8	22.0	29.6	26.5	11.1	15.0	11.0	6.8	16.7
3	30.1	37.6	28.1	26.7	21.6	29.7	26.4	10.7	15.3	11.3	6.9	16.2
4	30.3	37.6	27.2	26.1	21.2	30.4	26.2	10.6	15.8	11.4	7.5	16.1
5	30.2	37.6	26.5	26.2	21.0	31.0	25.8	10.4	17.0	11.4	8.0	16.4
6	30.3	37.5	25.6	26.8	21.0	31.4	25.4	10.0	18.0	11.1	9.2	17.2
7	30.5	37.3	24.7	27.4	21.5	31.8	24.6	9.9	18.1	10.0	12.0	18.1
8	30.8	37.1	24.4	28.2	21.8	32.1	23.6	10.0	18.4	9.2	14.7	18.8
9	31.1	36.7	24.8	28.7	21.8	32.2	23.0	9.8	19.0	9.2	17.0	19.2
10	31.3	36.1	25.6	29.3	21.5	22.5	22.5	9.8	19.0	8.5	17.6	19.1
11	31.5	35.5	26.5	29.8	21.3	32.9	21.8	10.1	18.6	7.7	17.3	19.0
12	31.8	34.7	27.3	30.3	21.1	33.4	20.8	10.5	17.9	7.7	16.4	19.4
13	32.2	33.8	28.1	30.8	20.7	33.4	19.6	10.7	16.9	7.7	15.8	19.9
14	32.5	33.0	28.6	31.1	20.3	33.2	18.6	12.7	16.1	7.2	15.9	20.2
15	33.0	31.8	29.2	31.3	20.2	32.8	18.0	13.7	15.9	6.8	16.6	20.5
16	33.4	29.9	29.7	31.5	20.4	32.3	17.0	14.7	16.3	7.3	16.8	20.6
17	33.8	27.7	30.3	31.6	21.5	31.9	15.6	14.8	16.6	7.6	16.8	20.8
18	34.4	26.6	30.9	31.4	22.8	31.1	14.9	13.6	16.7	8.6	16.8	20.5
19	34.9	26.0	31.5	31.0	24.6	30.1	14.7	12.2	16.4	9.4	16.7	20.3
20	35.2	25.7	31.8	30.4	26.0	28.9	14.6	12.2	15.8	10.1	16.5	20.1
21	35.4	25.7	32.1	29.5	26.8	27.4	14.3	11.8	15.0	10.1	16.4	19.9
22	35.7	26.2	32.3	28.8	27.3	26.1	13.8	11.4	13.8	10.0	16.5	19.9
23	36.2	27.3	32.3	27.8	27.8	25.0	13.4	11.1	12.2	9.9	16.2	19.7
24	36.5	28.3	32.1	26.9	28.5	24.2	12.8	10.6	11.3	9.5	16.0	19.4
25	36.7	28.9	31.9	26.4	29.1	23.8	12.1	10.3	11.0	8.6	16.0	19.0
26	36.8	29.3	31.6	25.7	29.7	23.7	11.8	10.3	11.4	8.1	16.2	18.8
27	36.9	29.6	31.4	24.9	30.0	24.1	11.5	10.2	11.6	7.4	16.7	18.8
28	36.8	29.6	31.2	24.3	30.2	24.5	11.1	10.0	11.5	7.3	16.9	19.0
29	36.8		31.0	23.7	30.2	25.2	11.0	9.9	10.3	7.5	17.4	19.5
30	36.9		30.7	23.0	30.1	25.8	10.9	10.3	9.5	7.4	17.1	20.2
31	37.2		30.1		29.9		10.8	12.3		7.1		20.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	33.48	32.20	29.21	28.21	24.33	28.99	18.03	11.17	15.15	8.90	14.58	19.05
MAX.	37.2	37.6	32.3	31.6	30.2	33.4	26.5	14.8	19.0	11.4	17.6	20.8
MIN.	29.4	25.7	24.4	23.0	20.2	22.5	10.8	9.8	9.5	6.8	6.8	16.1

HIGHEST STAGE WAS 37.6 ON FEB. 3, 4, AND 5.
LOWEST STAGE WAS 6.8 ON OCT. 15 AND NOV. 2.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. [1929-58 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	31.5	27.6	18.2	39.4	38.1	31.6	21.8	20.8	11.1	13.5	15.0	28.8
2	31.4	27.3	17.8	39.5	38.5	31.9	22.0	20.0	11.2	15.5	15.6	29.7
3	31.4	27.2	17.6	39.5	38.7	32.0	21.8	19.0	11.1	17.2	16.5	30.5
4	31.5	27.1	17.8	39.4	38.9	32.1	21.7	18.0	10.1	18.5	17.4	31.0
5	31.8	27.1	18.1	39.3	39.0	32.2	21.3	17.0	9.0	19.9	17.5	31.3
6	31.9	27.2	18.3	39.2	39.0	32.3	20.5	16.1	9.5	20.7	17.4	31.7
7	31.8	27.8	18.6	39.0	39.0	32.4	19.7	14.8	9.9	20.8	17.0	32.1
8	31.7	28.3	19.4	38.8	38.9	32.3	19.3	14.3	9.6	20.8	16.7	32.5
9	31.4	29.1	21.4	38.7	38.8	32.2	19.8	13.8	9.6	21.0	16.5	32.7
10	31.1	29.7	23.8	38.4	38.8	32.0	20.6	13.1	9.5	21.2	15.8	32.7
11	30.7	30.2	26.2	38.3	38.7	31.8	20.5	12.4	8.7	21.0	15.0	32.5
12	30.0	30.6	28.0	38.2	38.6	31.8	19.5	12.0	9.2	20.3	14.7	31.7
13	28.7	30.7	29.7	38.0	38.3	31.6	18.2	12.4	10.1	18.9	14.5	30.3
14	27.0	30.5	31.0	37.8	38.0	31.3	17.3	13.4	10.3	17.3	14.4	28.2
15	25.3	30.2	32.1	37.6	37.6	30.7	17.0	14.3	9.4	16.0	14.0	25.8
16	23.5	29.9	32.9	37.3	37.3	29.7	16.7	15.6	9.4	16.2	13.5	23.6
17	21.8	29.6	33.5	37.0	37.0	28.7	16.3	16.0	9.5	17.6	13.1	21.9
18	20.1	29.5	34.2	36.8	36.8	27.6	15.5	15.9	8.7	18.6	13.1	20.5
19	18.7	29.5	35.3	36.6	36.5	26.8	14.9	15.7	8.8	18.7	13.2	19.8
20	18.5	29.4	36.4	36.8	36.0	26.3	14.4	15.9	8.8	18.8	13.3	19.1
21	19.3	28.7	37.4	36.7	35.3	25.9	14.0	15.2	8.6	19.0	13.7	18.7
22	20.8	27.8	38.1	36.6	34.4	25.7	13.8	14.7	7.9	19.2	13.5	18.5
23	23.3	26.4	38.4	36.7	33.5	26.0	13.7	14.3	8.1	19.3	13.7	18.2
24	25.5	24.9	38.7	36.7	32.6	26.2	14.3	14.0	8.5	19.2	14.6	17.8
25	27.0	23.0	38.9	36.9	31.4	26.3	15.6	13.7	8.3	19.0	15.7	17.8
26	27.8	21.0	38.9	37.2	30.3	26.2	18.6	13.6	8.4	18.7	18.7	19.1
27	28.4	19.6	39.1	37.5	29.7	25.5	21.3	13.0	8.6	17.8	21.4	20.5
28	28.7	18.8	39.1	37.8	29.6	24.4	22.4	12.7	8.6	16.8	23.2	21.8
29	28.6		39.1	37.9	30.0	23.3	22.5	12.1	9.6	15.7	25.5	25.3
30	28.3		39.1	38.0	30.6	22.3	22.0	11.6	11.2	15.0	27.5	27.2
31	28.0		39.3		31.1		21.4	11.4		14.9		28.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	27.26	27.44	30.20	37.91	35.83	28.96	18.65	14.73	9.37	18.28	16.38	25.79
MAX.	31.9	30.7	39.3	39.5	39.0	32.4	22.5	20.8	11.2	21.2	27.5	32.7
MIN.	18.5	18.8	17.6	36.6	29.6	22.3	13.7	11.4	7.9	13.5	13.1	17.8

HIGHEST STAGE WAS 39.55 ON APR. 3.
LOWEST STAGE WAS 7.90 ON SEP. 22.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.5	20.1	21.3	23.7	34.4	16.0	17.9	14.9	11.3	13.0	15.3	25.3
2	14.2	20.2	22.5	22.9	34.3	14.9	19.0	14.9	11.2	14.0	15.8	24.8
3	14.3	20.2	24.7	22.4	34.2	14.6	19.8	15.3	11.4	14.8	16.8	24.5
4	15.3	20.1	25.8	21.9	34.0	14.5	20.2	15.6	11.0	15.0	18.2	24.5
5	17.8	20.0	26.8	21.2	33.9	14.5	20.5	15.8	10.7	15.4	19.7	24.4
6	19.9	19.4	27.6	20.4	33.7	14.1	20.4	15.8	10.5	16.1	20.9	23.9
7	21.1	18.7	28.3	19.8	33.6	13.7	20.0	15.9	10.2	16.5	22.2	23.5
8	21.7	18.3	28.9	19.2	33.3	13.4	19.3	15.8	10.2	16.7	23.1	23.1
9	22.3	17.9	29.2	18.8	32.7	13.0	18.2	15.6	10.2	16.7	23.5	22.8
10	22.9	17.4	29.3	18.6	31.9	12.3	17.2	16.4	10.3	16.2	23.5	23.3
11	23.5	17.0	29.1	18.8	31.3	12.0	16.2	17.0	10.3	15.8	23.2	24.8
12	24.1	16.5	28.8	19.6	30.5	11.8	15.6	16.6	10.0	15.8	23.1	26.3
13	24.5	15.6	28.8	20.7	30.0	11.6	15.4	15.5	9.7	15.9	23.2	27.5
14	24.8	14.7	28.6	21.9	29.5	11.0	15.3	15.1	10.1	15.8	23.3	28.6
15	24.8	14.0	28.2	22.9	29.0	11.0	15.0	14.8	10.3	14.7	24.0	29.7
16	24.7	13.8	27.8	24.4	28.5	11.2	14.9	14.7	10.4	14.1	25.0	30.3
17	24.6	14.1	27.6	26.3	28.0	11.7	14.8	14.8	10.9	13.9	26.0	31.0
18	24.0	14.8	27.4	27.6	27.6	12.3	14.5	14.7	11.3	13.6	26.7	31.5
19	23.5	16.4	27.0	28.4	27.1	13.2	14.4	14.4	12.3	13.3	27.0	32.0
20	23.0	18.1	26.6	29.2	26.5	14.2	14.5	14.3	13.7	13.2	27.0	32.5
21	22.2	19.3	26.2	29.6	26.0	15.4	14.6	14.4	14.5	13.6	27.3	32.8
22	21.1	19.9	26.0	30.2	25.3	15.8	14.5	14.2	14.8	13.6	27.4	32.9
23	19.7	19.8	25.6	31.1	24.5	15.7	14.0	14.0	14.6	13.8	27.2	33.1
24	18.6	19.4	25.1	32.0	23.5	15.5	13.9	14.3	14.2	14.2	27.1	33.2
25	17.9	19.3	24.5	32.9	22.5	15.0	14.1	14.3	13.6	13.9	27.0	33.3
26	17.7	19.5	24.3	33.5	21.3	15.0	14.1	14.6	13.0	13.7	26.9	33.3
27	18.0	19.7	24.0	34.0	20.4	14.6	13.1	13.8	12.6	13.8	26.7	33.1
28	18.6	19.3	24.0	34.2	19.3	15.1	12.7	12.3	12.5	13.7	26.4	32.7
29	19.2	20.1	24.2	34.4	18.4	15.5	13.0	11.7	12.6	13.9	26.2	32.3
30	19.7		24.4	34.4	17.8	16.5	13.8	11.5	12.7	14.4	25.8	32.0
31	19.9		24.3		17.1		14.6	11.3		14.9		31.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	20.57	18.05	26.34	25.82	27.74	13.83	15.97	14.64	11.69	14.64	23.84	28.85
MAX.	24.8	20.2	29.3	34.4	34.4	16.5	20.5	17.0	14.8	16.7	27.4	33.3
MIN.	14.2	13.8	21.3	18.6	17.1	11.0	12.7	11.3	9.7	13.0	15.3	22.8

HIGHEST STAGE WAS 34.40 ON APR. 29, 30, AND MAR. 1.
LOWEST STAGE WAS 9.70 ON SEP. 13.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET,ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. [1929-58 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22.8	15.6	33.7	21.9	15.6	16.0	13.0	11.1	8.5	8.5	9.1	9.1
2	22.7	15.9	33.9	21.4	15.8	15.4	12.9	11.8	7.4	8.8	8.6	9.6
3	21.8	15.5	34.1	21.0	15.8	15.7	12.6	12.0	6.7	9.0	7.9	10.1
4	20.3	14.4	34.3	20.5	15.7	15.7	12.1	12.1	6.5	8.8	7.5	10.8
5	18.7	13.5	34.6	20.1	15.9	15.8	11.3	12.5	6.7	8.0	7.8	11.8
6	17.5	13.1	34.7	20.1	15.8	15.9	10.6	12.7	6.4	7.5	8.3	12.9
7	16.9	13.4	34.6	20.1	15.8	16.1	10.5	13.0	6.0	7.0	9.0	13.2
8	17.6	14.5	34.5	20.0	15.8	15.5	9.7	13.4	5.8	7.0	9.8	13.3
9	18.6	16.4	34.2	19.8	16.2	15.2	9.1	13.8	7.1	7.4	10.7	13.7
10	19.3	19.1	33.9	19.7	16.6	15.5	8.5	14.2	8.0	7.4	11.0	14.1
11	20.0	21.2	33.2	19.3	17.0	15.9	8.2	14.6	7.8	6.9	11.0	15.6
12	20.4	22.7	32.4	18.7	18.3	15.8	8.9	14.3	7.3	6.4	10.6	17.6
13	20.5	23.6	31.5	18.2	20.4	15.0	10.0	13.6	7.1	6.4	10.2	19.4
14	20.5	24.2	30.5	17.9	21.9	14.3	11.3	11.9	7.2	6.1	9.9	20.4
15	20.9	24.5	29.5	17.8	23.5	14.2	12.2	10.3	7.2	5.8	9.5	21.1
16	20.9	24.3	28.6	17.6	25.0	14.5	13.0	9.8	7.5	6.0	9.2	21.4
17	20.2	23.8	28.0	17.3	25.8	15.4	14.0	9.4	8.0	6.6	9.2	21.7
18	19.3	23.5	27.6	17.0	26.2	16.2	14.7	8.9	9.3	6.4	9.2	21.8
19	18.7	23.3	27.2	16.5	26.2	17.1	14.2	8.0	11.2	5.8	9.1	22.1
20	18.5	23.2	27.2	15.9	26.1	17.6	13.7	7.5	12.0	5.9	9.0	22.6
21	18.3	23.2	27.2	15.5	25.7	17.4	13.7	6.8	12.1	5.5	8.9	22.8
22	18.2	23.9	26.3	15.2	24.9	17.1	13.8	6.6	11.9	5.2	8.7	22.5
23	18.0	25.7	26.0	14.6	23.7	16.6	13.7	7.0	11.6	5.4	8.4	21.6
24	17.5	28.2	25.3	14.1	22.3	15.7	14.0	8.2	11.3	6.0	8.7	20.4
25	16.6	30.3	24.4	13.8	21.0	14.4	14.3	9.4	10.5	6.3	9.0	19.2
26	16.2	31.8	23.6	14.0	20.3	13.9	14.5	9.6	9.9	6.2	9.2	18.5
27	16.0	32.8	23.0	14.4	19.8	13.7	13.1	8.9	8.9	6.5	9.4	17.8
28	15.9	33.3	22.7	14.9	18.8	13.4	11.7	8.5	8.0	7.9	9.5	17.4
29	15.6		22.6	15.3	17.9	13.0	11.3	9.3	7.8	9.0	9.0	16.9
30	15.3		22.4	15.5	17.1	13.0	11.1	10.2	8.2	9.7	8.8	16.1
31	15.3		22.3		16.5		11.0	9.8		9.6		15.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	18.67	21.95	29.15	17.59	19.91	15.36	12.01	10.61	8.45	7.05	9.20	17.11
MAX.	22.8	33.3	34.7	21.9	26.2	17.6	14.7	14.6	12.1	9.7	11.0	22.8
MIN.	15.3	13.1	22.3	13.8	15.6	13.0	8.2	6.6	5.8	5.2	7.5	9.1

HIGHEST STAGE WAS 34.7 FROM 800 A.M. TO 400 P.M. MARCH 6.
LOWEST STAGE WAS 5.2 FROM 800 A.M. TO 400 P.M. OCT. 22.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.1	12.1	19.2	21.3	31.3	19.0	16.2	8.0	6.8	21.9	13.6	14.7
2	18.5	14.6	17.9	21.1	31.6	19.1	15.4	8.2	6.3	22.1	14.7	13.4
3	21.0	16.0	16.7	21.5	32.3	19.0	14.8	8.6	6.3	21.4	15.6	12.4
4	22.5	18.1	16.0	22.6	33.0	18.6	14.1	8.7	6.3	19.9	15.5	11.5
5	24.2	19.6	16.5	24.8	33.8	19.4	13.4	9.4	6.1	17.8	15.5	11.4
6	25.3	20.5	17.5	27.0	34.6	20.8	13.2	10.3	6.6	15.4	16.0	11.5
7	26.2	21.0	18.6	28.2	35.0	22.0	12.7	10.8	7.3	13.8	16.9	11.5
8	26.4	21.6	19.7	29.2	35.0	22.8	12.2	11.0	7.6	12.6	17.4	11.7
9	26.1	21.9	20.8	29.7	34.9	23.5	11.7	11.6	6.7	11.3	17.4	12.1
10	24.7	22.1	21.7	30.1	34.6	23.9	11.0	12.9	6.4	10.4	17.3	12.3
11	23.0	22.3	22.4	30.0	34.2	23.7	10.7	13.6	6.3	10.4	17.4	12.1
12	21.2	22.0	23.0	29.8	33.7	22.9	10.5	14.8	6.4	10.2	17.5	12.0
13	19.0	21.9	23.3	29.7	32.8	21.8	10.4	15.1	6.0	10.0	17.6	12.1
14	16.9	21.9	23.2	29.5	31.4	20.8	10.3	15.4	5.7	11.5	17.8	12.0
15	14.5	22.0	22.6	29.2	29.9	20.2	10.3	15.4	5.8	15.3	17.8	11.8
16	12.6	22.0	21.8	28.4	28.5	20.1	10.7	14.0	6.9	17.3	16.8	12.3
17	10.9	22.6	20.8	27.1	27.1	20.9	10.1	12.5	8.1	18.0	16.3	13.6
18	10.8	23.3	20.1	25.4	26.7	22.1	9.1	10.3	8.7	17.5	16.1	14.8
19	11.1	23.6	19.6	23.7	27.3	22.6	8.9	8.9	9.5	16.5	16.1	15.4
20	11.0	23.6	19.7	22.2	27.8	22.6	9.3	8.5	10.5	15.5	16.0	15.5
21	11.0	23.4	19.7	21.8	28.3	22.0	9.4	8.6	11.9	14.9	16.1	15.7
22	10.7	23.2	20.0	22.8	28.5	21.5	9.9	8.7	13.5	13.5	16.4	16.3
23	10.3	23.1	20.2	24.4	28.3	21.3	9.8	9.0	14.6	12.7	16.5	17.4
24	9.9	23.1	20.0	26.1	27.8	21.0	9.5	9.5	14.8	13.0	16.7	18.8
25	9.7	23.1	19.9	27.7	26.8	20.8	9.3	10.1	14.3	12.6	17.1	20.3
26	9.5	22.6	19.9	28.8	25.3	20.7	9.2	10.3	15.0	12.1	17.9	21.2
27	9.3	21.6	20.5	29.7	23.8	20.4	8.5	10.0	17.2	12.1	17.8	22.1
28	9.0	20.6	21.0	30.3	22.2	19.5	7.4	9.3	19.3	12.3	17.5	22.6
29	8.1		21.3	30.7	20.7	18.3	7.5	9.1	20.6	12.2	16.8	22.6
30	8.6		21.5	31.0	19.8	17.2	8.2	8.5	21.5	12.0	15.9	22.7
31	10.3		21.5		19.3		8.2	7.5		12.3		22.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	15.72	21.19	20.21	26.79	29.23	20.94	10.70	10.59	10.09	14.46	16.59	15.36
MAX.	26.4	23.6	23.3	31.0	35.0	23.9	16.2	15.4	21.5	22.1	17.9	22.7
MIN.	8.1	12.1	16.0	21.1	19.3	17.2	7.4	7.5	5.7	10.0	13.6	11.4

HIGHEST STAGE WAS 35.0 FROM 800 A.M. MAY 7 TO 800 A.M. MAY 8
LOWEST STAGE WAS 5.70 FROM 800 A.M. TO 400 P.M. SEPT 14

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20.7	29.1	17.2	23.8	30.7	18.9	22.6	19.4	8.3	7.9	10.8	11.8
2	21.7	30.3	17.1	23.5	29.7	17.4	22.9	18.5	8.0	7.9	10.5	11.4
3	21.8	31.2	17.2	22.9	28.8	16.0	23.3	17.9	7.6	7.2	10.2	10.7
4	21.3	32.0	17.7	22.3	28.3	15.5	23.7	17.3	7.7	7.4	9.8	10.1
5	20.9	32.5	18.0	21.8	27.7	15.6	23.8	16.4	8.2	7.7	10.4	10.0
6	20.7	32.9	18.0	21.5	27.2	16.1	23.7	15.0	8.7	7.5	11.1	9.6
7	20.3	33.3	17.3	21.2	26.4	16.3	23.6	14.4	8.8	7.2	11.4	9.7
8	19.6	33.4	17.0	21.3	25.2	15.9	24.0	13.5	9.2	7.2	11.4	9.9
9	18.6	33.5	16.9	22.3	23.8	15.2	24.1	12.5	9.6	7.0	11.1	10.2
10	17.3	33.6	16.7	23.8	22.6	14.6	24.6	12.1	10.1	6.9	10.6	11.2
11	15.8	33.7	16.3	25.6	22.0	14.2	25.1	12.4	10.1	7.2	10.1	12.1
12	13.8	33.9	15.7	27.0	21.7	13.7	25.5	12.4	9.4	7.0	9.7	12.1
13	11.4	34.2	16.0	28.1	21.6	13.6	26.1	12.5	9.6	6.8	9.3	11.5
14	10.2	34.4	15.9	28.7	21.7	14.0	26.7	13.2	10.0	7.7	8.9	11.2
15	9.7	34.3	15.2	29.0	21.8	14.8	27.3	13.9	9.8	12.1	9.0	11.3
16	9.3	33.9	14.6	29.2	22.1	15.4	27.7	14.2	8.9	16.5	9.4	11.5
17	8.5	33.3	14.3	29.2	22.5	15.7	28.1	14.3	7.8	19.2	9.7	12.0
18	8.1	32.3	13.6	29.2	22.6	15.3	28.3	13.2	7.5	20.6	9.3	12.6
19	9.8	31.0	12.6	29.3	22.7	15.5	28.2	11.2	7.6	21.5	9.3	13.1
20	12.9	28.9	11.8	29.6	22.9	16.1	28.0	11.2	8.1	21.8	9.6	13.5
21	16.4	26.7	11.7	30.0	23.1	15.8	27.2	12.0	9.2	21.1	10.8	13.7
22	19.5	24.3	12.2	30.6	23.1	15.2	26.0	12.6	10.1	19.5	12.6	13.4
23	21.5	21.9	12.4	31.1	23.0	14.8	25.0	13.1	10.4	17.6	13.6	12.3
24	22.7	20.6	12.6	31.5	22.8	14.9	24.0	13.2	10.7	16.0	14.2	11.6
25	23.7	19.4	13.6	31.8	22.7	17.0	23.6	13.6	10.7	15.2	14.3	11.5
26	24.6	18.6	16.3	32.1	22.5	19.1	23.4	14.0	10.0	14.5	14.5	11.0
27	25.2	17.9	18.3	32.2	22.4	20.6	23.2	14.5	8.7	13.9	14.2	8.7
28	25.7	17.5	20.3	32.3	22.3	21.6	22.6	14.3	7.6	13.4	13.8	7.3
29	25.8		22.0	30.0	21.9	22.2	21.8	12.5	7.3	12.8	13.5	7.5
30	26.2		23.2	31.5	21.2	22.4	21.0	10.0	7.9	11.9	13.0	8.4
31	27.8		23.7		20.3		20.3	9.0		11.3		10.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	18.43	29.23	16.29	27.41	23.78	16.44	24.68	13.68	8.91	12.30	11.20	11.02
MAX.	27.8	34.4	23.7	32.3	30.7	22.4	28.3	19.4	10.7	21.8	14.5	13.7
MIN.	8.1	17.5	11.7	21.2	20.3	13.6	20.3	9.0	7.3	6.8	8.9	7.3

HIGHEST STAGE WAS 34.4, FEB. 14.
LOWEST STAGE WAS 6.8 FROM 400 P.M., OCT. 12 TO 800 A.M., OCT. 13.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26.7	19.3	8.7	27.7	17.9	29.4	14.4	14.1	7.0	8.2	9.5	15.5
2	25.7	19.9	8.2	27.4	17.2	29.9	14.3	14.2	6.7	8.1	9.5	16.5
3	24.0	21.0	8.2	27.3	16.4	30.3	14.1	13.9	6.7	7.6	9.9	17.9
4	22.5	22.6	8.1	27.3	15.5	30.6	14.2	13.8	6.2	7.4	10.0	18.7
5	21.2	24.6	7.5	27.5	14.6	30.7	14.1	13.7	5.3	7.2	10.6	18.4
6	20.6	26.4	7.1	28.1	14.4	30.8	14.0	13.2	5.3	7.1	10.9	17.7
7	20.4	27.4	6.9	28.8	14.6	30.9	13.9	13.6	5.1	7.3	10.5	17.2
8	20.3	27.9	6.3	29.2	14.6	31.0	13.7	14.8	4.5	7.6	10.2	16.7
9	20.0	28.1	5.8	29.4	14.0	31.0	13.6	15.4	4.7	7.8	10.4	16.4
10	19.7	28.2	5.4	29.6	13.4	30.9	13.7	15.5	4.4	7.7	10.7	15.8
11	19.5	28.1	5.1	29.6	13.6	30.5	13.4	15.3	4.2	7.3	11.1	15.5
12	19.5	27.8	5.5	29.3	14.1	29.9	13.4	14.5	4.8	7.5	11.2	15.4
13	19.5	27.3	6.6	28.9	14.5	29.1	13.5	14.1	5.1	7.6	11.5	15.3
14	19.8	26.5	9.1	28.3	14.7	27.3	13.6	14.4	5.5	7.2	11.8	14.8
15	19.9	25.4	11.6	27.6	15.0	24.5	13.6	14.6	5.7	6.5	11.3	14.0
16	19.7	24.1	14.0	26.5	15.9	21.2	13.5	15.0	5.5	7.0	10.8	12.9
17	19.7	22.6	16.2	25.2	16.8	18.5	13.3	16.1	5.4	8.3	10.5	10.6
18	19.5	21.3	18.4	23.8	17.6	16.7	13.1	16.4	5.7	9.0	10.2	9.4
19	19.2	19.7	20.5	22.5	18.1	15.9	13.0	15.8	5.7	9.8	10.7	9.3
20	18.7	17.9	21.7	21.3	18.6	15.4	12.5	14.8	5.7	10.0	12.2	8.4
21	17.8	16.3	22.9	20.5	18.9	14.6	12.2	14.5	6.0	10.0	14.1	7.5
22	16.7	15.1	24.2	19.9	19.1	13.6	12.1	14.2	6.1	10.3	15.0	7.4
23	15.4	14.0	25.0	19.2	18.8	13.2	11.5	12.9	5.9	10.3	14.9	7.7
24	14.6	13.0	25.4	18.5	18.5	13.2	11.3	12.0	6.0	10.4	14.5	9.0
25	14.4	11.7	25.9	18.0	18.5	12.5	11.5	11.7	6.1	11.3	14.2	11.1
26	14.9	10.7	26.6	17.7	18.7	12.5	11.8	11.5	6.1	11.8	14.1	12.4
27	15.7	10.2	27.2	17.4	19.4	12.7	11.7	10.8	6.6	11.4	14.1	12.9
28	16.7	9.7	27.6	17.2	22.2	13.0	11.8	10.1	7.8	10.4	14.8	13.2
29	17.7	9.2	28.0	17.5	25.3	13.5	12.6	9.0	8.1	9.9	14.0	14.3
30	18.3		28.1	18.0	27.4	14.4	13.0	8.3	8.3	9.7	14.8	16.1
31	18.9		28.0		28.6		13.3	7.9		9.7		18.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	19.26	20.54	15.79	24.30	17.63	22.25	13.08	13.41	5.87	8.75	11.93	13.74
MAX.	26.7	28.2	28.1	29.6	28.6	31.0	14.4	16.4	8.3	11.8	15.0	18.7
MIN.	14.4	9.2	5.1	17.2	13.4	12.5	11.3	7.9	4.2	6.5	9.5	7.4

HIGHEST STAGE WAS 31.0, JUNE 8 AND 9.
LOWEST STAGE WAS 4.2, SEP. 11.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. [1929-58 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.4	12.3	15.5	26.7	22.4	23.3	22.2	15.1	8.3	7.1	9.5	11.2
2	15.8	12.9	15.7	25.5	22.5	20.4	22.6	15.9	8.1	7.3	9.9	11.8
3	15.9	14.0	15.5	24.1	22.6	18.0	22.8	16.2	8.0	7.7	10.9	12.8
4	15.9	15.3	14.9	22.5	23.1	16.8	22.7	16.2	8.2	8.0	12.7	15.5
5	15.8	16.2	14.1	21.8	23.3	16.4	22.7	16.2	8.1	8.2	15.7	17.8
6	15.6	16.5	13.3	21.8	23.1	16.7	23.0	16.0	8.3	7.8	17.1	20.2
7	15.0	16.4	12.9	22.5	22.9	17.1	22.8	15.5	8.3	7.1	17.6	21.5
8	14.2	16.4	14.2	23.0	22.8	17.1	22.8	14.5	6.9	6.9	17.8	22.1
9	13.2	16.7	17.5	22.8	22.7	16.8	22.6	14.0	6.0	6.9	17.4	22.2
10	12.2	16.8	21.1	22.0	22.8	16.4	22.1	13.7	6.4	6.7	16.6	22.1
11	11.2	16.7	23.9	21.1	23.3	15.9	21.4	13.6	7.4	6.9	15.6	21.8
12	10.1	16.4	25.8	20.2	24.4	15.6	21.4	13.7	7.8	7.5	14.3	21.5
13	8.7	16.0	26.9	19.8	25.6	15.0	21.8	13.9	7.1	8.2	13.6	21.8
14	9.0	15.4	27.7	19.5	26.0	15.0	22.2	13.2	6.0	8.8	13.3	22.3
15	9.4	14.5	28.2	19.5	27.2	15.4	22.2	12.4	6.2	9.3	13.0	22.4
16	9.4	13.3	28.2	19.5	27.8	16.1	22.0	11.9	6.3	9.2	12.5	22.7
17	8.4	12.1	28.4	19.7	30.0	17.0	21.7	10.8	6.4	8.6	12.1	23.1
18	8.0	11.5	28.8	19.8	30.7	18.2	20.9	9.6	6.4	7.9	11.8	23.4
19	8.2	10.7	29.2	20.4	31.2	19.3	19.8	9.0	6.6	8.7	11.4	23.7
20	8.2	10.2	29.4	21.2	31.3	19.8	17.8	8.5	7.3	9.3	11.1	23.9
21	7.8	11.1	29.6	21.5	31.4	20.2	15.9	8.1	7.8	9.4	10.3	24.2
22	7.3	12.0	29.7	21.5	31.5	20.7	14.1	7.7	7.8	9.8	9.9	24.6
23	6.8	12.5	29.7	21.4	31.6	21.1	13.1	8.3	7.8	10.0	9.8	25.5
24	6.2	13.4	29.9	21.0	31.4	21.3	12.8	9.1	7.3	10.0	10.1	26.8
25	5.9	14.4	30.0	20.6	31.3	21.5	12.5	9.3	7.1	9.8	10.5	27.8
26	6.2	14.8	30.0	20.3	31.1	21.6	12.1	8.7	6.4	9.5	11.2	28.3
27	6.5	14.8	29.8	20.2	30.9	21.8	11.7	8.2	6.3	9.3	11.6	28.5
28	7.1	15.1	29.4	20.8	30.3	21.9	12.0	8.5	6.5	9.3	11.0	28.6
29	8.1		28.9	21.5	29.3	22.0	12.5	9.3	6.7	9.3	11.0	28.5
30	10.2		28.4	22.1	28.0	22.0	12.8	9.5	7.0	9.2	11.8	28.1
31	11.6		27.7		26.0		14.0	8.6		9.1		27.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	10.42	14.22	24.32	21.47	27.04	18.67	18.73	11.77	7.15	8.47	12.69	22.64
MAX.	15.9	16.8	30.0	26.7	31.6	23.3	23.0	16.2	8.3	10.0	17.8	28.6
MIN.	5.9	10.2	12.9	19.5	22.4	15.0	11.7	7.7	6.0	6.7	9.5	11.2

HIGHEST STAGE WAS 31.55 FROM 400 P.M., MAY 22 TO 800 A.M., MAY 23.
LOWEST STAGE WAS 5.9 AT 800 A.M., JAN. 25.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET, ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.2	4.3	25.3	12.9	24.3	16.1	7.2	5.2	4.7	4.5	3.8	8.5
2	12.1	4.6	23.3	12.8	25.2	15.2	7.1	5.7	4.6	5.4	3.7	8.8
3	14.1	4.8	20.7	12.7	26.0	14.2	6.7	5.7	4.8	5.9	3.6	9.6
4	16.7	5.0	18.3	12.6	26.9	12.9	6.9	5.5	4.7	5.8	4.3	10.6
5	17.8	5.4	16.4	12.3	27.9	12.2	7.3	5.8	4.2	5.8	5.0	11.0
6	19.1	5.0	16.0	12.0	28.4	11.4	7.8	5.9	3.6	5.9	5.3	11.2
7	20.5	4.7	16.7	12.2	28.8	10.8	7.9	5.7	3.6	6.3	6.2	11.1
8	21.4	4.6	17.5	12.4	29.2	10.3	7.6	5.4	4.1	6.8	6.5	10.9
9	22.1	4.6	18.3	12.7	29.3	10.1	6.6	4.8	4.6	6.7	7.1	11.0
10	22.4	5.2	18.7	12.8	29.4	10.1	6.4	4.5	4.6	4.9	7.9	11.4
11	22.1	7.0	18.7	12.7	29.4	10.1	6.0	4.2	4.4	3.2	8.2	12.6
12	21.3	11.2	18.3	12.6	29.2	10.1	5.9	4.5	3.6	3.7	9.0	14.7
13	20.3	16.8	17.9	12.7	28.6	9.9	6.2	5.4	3.1	4.0	9.4	17.7
14	19.4	22.1	17.3	13.6	28.2	10.3	5.9	5.2	2.9	3.7	9.8	20.7
15	18.4	25.7	16.6	14.9	27.5	11.1	6.1	5.0	3.3	4.1	10.7	22.5
16	17.2	27.6	16.2	15.5	26.0	11.8	6.7	5.7	3.0	4.2	11.6	23.1
17	16.0	28.6	15.9	16.1	24.7	12.3	7.2	7.0	3.4	3.8	12.7	23.3
18	14.7	29.3	15.7	16.9	24.3	13.9	8.0	7.1	3.7	4.0	13.0	23.3
19	13.0	29.8	15.5	17.8	24.2	15.3	7.8	7.0	4.0	4.2	12.7	23.4
20	10.8	30.0	15.3	18.5	24.7	15.9	7.6	6.7	3.6	4.4	12.3	23.4
21	9.4	30.15	15.0	19.0	25.2	15.5	7.4	6.5	3.8	4.6	11.6	23.4
22	8.7	30.15	14.6	19.2	25.8	14.5	6.9	6.5	4.9	5.0	10.2	23.0
23	8.0	30.1	14.0	19.2	26.0	13.5	6.3	6.9	5.1	5.6	8.7	22.2
24	7.7	30.0	13.5	20.1	25.8	12.4	5.9	7.4	4.6	6.7	8.1	21.2
25	7.4	29.7	13.1	21.4	25.5	11.1	5.3	7.0	5.4	6.9	8.0	20.0
26	7.4	29.2	12.4	22.3	24.9	10.0	5.2	6.5	5.3	6.8	7.8	18.6
27	7.5	28.3	11.8	22.8	23.5	9.0	5.2	6.1	4.6	5.6	8.1	16.8
28	6.8	27.0	11.9	23.3	22.1	7.8	4.3	5.5	4.6	5.3	7.9	15.4
29	6.5		12.3	23.7	20.6	7.2	3.7	5.2	4.2	4.8	7.2	14.1
30	6.3		12.8	24.1	19.0	7.2	3.9	4.9	3.8	4.4	7.9	14.0
31	5.0		12.8		17.4		4.2	4.9		4.3		14.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	13.90	18.24	16.21	16.38	25.73	11.73	6.35	5.78	4.15	5.06	8.27	16.51
MAX.	22.4	30.15	25.3	24.1	29.4	16.1	8.0	7.4	5.4	6.9	13.0	23.4
MIN.	5.0	4.3	11.8	12.0	17.4	7.2	3.7	4.2	2.9	3.2	3.6	8.5

HIGHEST STAGE WAS 30.15, FEB. 20, 21.
LOWEST STAGE WAS 2.9 AT 800 A.M., SEPT. 14.

MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

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

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET,ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 230.18 FEET, M.S.L. (1929-58 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	+13.5	16.7	15.1	29.0	27.5	14.8	10.5	11.4	6.5	21.4	9.0	8.4
2	14.0	17.1	15.8	30.2	27.5	14.7	10.0	9.7	6.5	21.3	8.7	8.7
3	14.0	17.1	17.1	31.2	27.9	14.7	10.0	8.2	7.3	20.8	9.0	9.2
4	14.2	16.8	18.5	31.8	28.3	15.0	10.5	7.7	9.6	19.7	8.9	9.0
5	14.6	16.1	19.9	32.2	28.4	14.8	12.9	6.1	11.0	18.0	8.2	8.7
6	15.8	15.2	21.4	32.7	28.4	14.8	14.7	5.6	12.1	16.5	7.8	8.3
7	17.4	14.0	22.9	33.2	27.9	15.3	16.1	5.8	11.9	15.2	7.5	7.5
8	18.8	12.8	24.2	33.7	27.2	16.4	16.1	6.2	10.2	14.4	7.8	6.8
9	19.6	11.0	24.8	34.1	26.0	18.0	15.8	6.6	9.2	14.3	8.0	6.8
10	20.0	9.5	25.2	34.3	24.6	19.1	15.2	6.9	9.8	14.4	7.4	7.0
11	20.1	11.1	25.4	34.4	23.4	19.5	14.4	6.5	10.9	14.4	7.1	6.8
12	20.6	14.7	25.4	34.35	22.5	19.5	14.1	6.5	11.8	14.1	6.8	6.5
13	21.2	18.7	25.1	34.2	21.9	18.9	13.6	6.2	13.4	13.6	6.5	6.3
14	21.3	23.2	24.9	34.1	21.4	18.2	13.3	6.0	14.8	13.0	6.9	6.5
15	21.2	25.9	24.8	34.1	21.1	16.6	13.0	5.7	15.0	12.4	7.4	6.6
16	21.0	27.6	24.6	34.1	20.7	15.8	12.6	5.7	14.5	11.7	6.9	6.6
17	20.7	28.3	24.2	34.0	20.2	15.3	12.4	5.7	13.8	11.1	6.8	6.4
18	20.5	28.7	23.6	33.9	19.8	14.8	12.2	5.6	13.0	10.6	7.0	6.7
19	20.3	28.6	22.8	33.8	19.2	14.6	12.2	5.1	12.6	10.5	7.1	7.2
20	19.5	28.1	22.4	33.8	18.5	14.4	11.9	4.8	13.6	10.6	7.6	7.8
21	18.2	27.1	22.8	33.6	17.9	14.0	11.4	4.8	14.5	11.0	8.0	7.7
22	16.7	25.8	23.6	33.9	17.3	13.7	10.8	4.8	14.4	11.2	8.2	7.9
23	15.2	24.3	24.4	33.7	16.8	13.3	9.9	4.9	13.9	11.1	8.5	8.0
24	13.9	22.5	25.2	33.4	16.2	12.9	9.6	5.1	14.0	11.0	8.8	7.6
25	12.6	20.5	25.2	32.8	15.7	13.0	10.6	5.0	15.2	10.8	8.8	7.2
26	11.6	18.2	24.2	32.1	15.0	12.8	12.6	5.3	17.3	10.7	8.8	7.2
27	11.6	16.5	23.7	31.1	14.4	12.6	14.2	4.9	18.8	10.9	8.0	7.5
28	12.9	15.5	24.0	29.9	14.2	12.4	15.2	4.4	19.8	10.8	7.8	7.6
29	14.5		24.8	28.7	14.0	11.8	15.4	4.3	20.6	10.4	8.0	8.1
30	15.5		25.6	27.9	14.5	11.2	14.6	5.4	21.2	9.8	8.1	9.2
31	16.2		27.5		15.2		13.0	6.1		9.3		10.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	17.01	19.70	23.20	32.68	21.08	15.10	12.86	6.03	13.24	13.39	7.85	7.62
MAX.	21.3	28.7	27.5	34.4	28.4	19.5	16.1	11.4	21.2	21.4	9.0	10.5
MIN.	11.6	9.5	15.1	27.9	14.0	11.2	9.6	4.3	6.5	9.3	6.5	6.3

HIGHEST STAGE WAS 34.4, APR. 11.
LOWEST STAGE WAS 4.3 FROM 400 P.M., AUG. 28 TO 800 A.M., AUG. 29.

A09 MISSISSIPPI RIVER AT COTTONWOOD POINT, MO.

LOCATION. LAT. 36-03-40, LONG. 89-41-20. MILE 832.7, AT LOW WATER FERRY LANDING, DIRECTLY WEST OF BRASHER, MO.

GAGE. STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 923,500 SQUARE MILES. BANKFULL STAGE, 36 FEET. AVERAGE LOW WATER PLANE, MINUS 0.5 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 16, 1879, TO MAY 31, 1885, AND FROM OCT. 24, 1888, TO DATE.

EXTREMES. HIGHEST, 44.4 FEET ON FEB. 6 AND 7, 1937. LOWEST, MINUS 3.9 FEET ON JAN. 23, 1956.

DAILY EIGHT A.M. STAGE IN FEET FOR 1964 GAGE ZERO, 230.18 FEET, M.S.L. [1929-58 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-1.2	11.6	5.8	32.7	28.8	10.8	14.5	4.0	3.5	5.3	3.3	9.4
2	-1.2	11.6	4.9	31.7	29.0	12.1	13.1	4.1	3.3	6.4	3.4	9.5
3	-1.1	11.2	4.8	29.6	29.2	12.6	11.2	4.1	3.1	7.5	2.9	9.4
4	-1.2	10.3	5.3	26.4	29.3	11.9	9.8	3.8	2.8	7.3	2.6	9.4
5	-1.0	9.6	7.0	24.7	29.2	10.6	9.0	3.5	2.7	7.4	2.5	9.4
6	-0.4	9.2	10.5	22.6	29.0	9.2	8.0	3.2	2.6	7.4	2.7	10.5
7	0.4	8.1	14.7	21.6	28.6	8.3	7.1	3.6	2.2	7.0	2.8	12.3
8	1.1	6.7	18.2	22.2	28.0	7.7	6.0	4.0	2.0	6.4	2.8	13.7
9	2.1	5.4	21.1	24.4	27.0	7.3	5.7	4.0	1.9	6.1	3.4	14.0
10	4.1	5.0	24.7	26.6	25.6	7.1	6.4	3.7	2.8	5.9	3.5	13.4
11	6.6	5.5	28.0	27.7	23.7	7.2	6.4	3.7	3.1	5.8	3.4	12.7
12	8.5	6.0	29.6	28.2	21.7	7.3	6.4	3.4	2.8	4.9	3.3	12.4
13	9.3	6.4	30.5	28.0	19.8	7.0	6.7	2.5	3.1	4.1	3.2	12.8
14	9.9	7.1	31.1	27.5	18.1	7.0	6.8	2.4	2.9	3.7	3.4	13.1
15	10.0	6.7	31.6	27.2	16.7	6.9	7.1	2.8	3.7	3.1	3.2	13.5
16	9.9	6.8	32.1	27.1	15.3	6.5	7.3	2.7	4.5	2.9	3.4	14.2
17	9.6	6.9	32.5	27.0	14.1	6.2	7.5	1.7	4.7	3.1	3.3	15.0
18	9.3	7.7	33.1	26.7	13.1	6.6	7.7	2.2	4.5	3.2	3.1	15.7
19	9.1	9.6	33.6	26.0	12.9	9.0	7.6	2.8	4.4	3.4	3.3	16.0
20	8.5	11.1	34.0	25.0	12.7	11.6	7.3	3.2	3.8	3.0	3.7	15.8
21	6.3	11.9	34.3	23.6	12.5	13.3	7.2	3.0	3.2	2.8	4.3	15.4
22	5.6	12.2	34.5	21.5	12.4	14.1	6.9	2.6	3.3	3.1	5.5	14.7
23	3.7	12.3	34.7	20.0	11.9	14.5	6.5	2.3	3.8	3.2	6.2	13.9
24	4.7	12.3	34.7	19.8	11.3	13.9	5.8	3.1	3.5	3.0	6.3	12.7
25	5.4	12.0	34.8	21.0	10.7	14.4	5.5	3.6	4.0	3.1	6.3	11.3
26	6.6	11.3	34.6	23.3	10.1	14.9	5.1	3.5	3.8	3.5	6.3	9.6
27	8.2	10.6	34.5	25.3	9.6	15.1	5.0	3.3	3.4	3.5	6.4	9.0
28	9.6	9.6	34.3	26.6	9.2	15.3	4.9	3.8	3.3	2.9	6.3	9.8
29	10.6	7.9	34.0	27.6	9.4	15.3	4.5	4.0	3.5	2.4	7.1	10.7
30	11.3		33.6	28.4	9.6	14.8	4.0	3.7	4.4	2.4	8.2	12.0
31	11.6		33.2		10.2		4.4	3.3		2.8		12.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	5.61	9.06	26.14	25.67	18.35	10.62	7.14	3.28	3.35	4.41	4.20	12.39
MAX.	11.6	12.3	34.8	32.7	29.3	15.3	14.5	4.1	4.7	7.5	8.2	16.0
MIN.	-1.2	5.0	4.8	19.8	9.2	6.2	4.0	1.7	1.9	2.4	2.5	9.0

HIGHEST STAGE WAS 34.75 AT 800 A.M., MAR. 25.
LOWEST STAGE WAS MINUS 1.3 AT 400 P.M., JAN. 1.
MEMPHIS DISTRICT, CORPS OF ENGINEERS.

1963

MISSISSIPPI RIVER
Cottonwood Point, Missouri

Zero of gage: 230.18 m.s.l. (230.50 m.g.l.) (Bankfull 36') 834.8 Miles A.H.P.
Lat.: 36° 03' 36" - Long.: 89° 41' 24"
Memphis District, CE gage.

Vertical staff gage located at low-water ferry landing.

Highest: 37.25 on 27 March.
Lowest: -1.00 at 4:00 p.m. on 31 December.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.90 on 23 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12.8	4.6	9.2	36.2	12.3	14.8	6.6	6.3	5.2	1.2	1.0	3.3
2	12.3	4.5	8.9	35.8	14.2	14.0	6.2	6.1	4.9	1.2	1.0	4.5
3	11.5	4.4	8.2	35.3	16.7	13.6	6.6	6.4	4.4	1.3	0.9	3.8
4	11.0	4.4	7.6	34.8	18.1	13.3	7.3	6.0	3.7	1.2	1.1	3.5
5	11.0	4.5	8.2	34.1	17.9	12.7	7.6	5.8	3.6	1.5	1.5	4.0
6	11.1	6.0	9.7	33.5	16.8	11.7	7.2	6.3	3.5	1.6	1.3	4.5
7	11.3	7.3	13.2	32.7	15.6	10.1	6.8	6.4	3.9	1.5	0.8	4.4
8	10.8	8.5	19.4	31.6	14.6	9.5	6.5	6.6	3.9	1.1	1.3	4.0
9	9.9	9.4	24.7	30.0	13.9	9.1	5.9	6.7	3.2	1.3	2.6	3.6
10	7.9	10.0	27.3	28.0	12.9	9.3	5.4	6.4	2.7	1.5	2.6	3.5
11	5.9	10.8	28.8	25.8	11.8	9.8	5.5	5.7	2.7	1.4	2.6	3.2
12	5.7	11.2	29.6	23.3	11.2	10.8	5.6	5.6	3.2	1.4	2.7	3.0
13	6.1	11.3	30.3	21.1	10.8	11.5	5.3	5.8	3.3	1.3	2.4	2.9
14	6.2	11.2	31.1	19.3	10.6	12.0	5.0	6.2	3.3	1.0	2.5	3.5
15	6.7	11.1	31.8	17.9	9.8	12.3	5.0	6.2	3.4	0.8	2.3	3.6
16	7.6	11.1	32.7	16.6	9.8	12.3	5.3	6.1	3.6	0.9	1.9	3.5
17	8.4	10.8	33.7	15.1	10.2	11.6	5.9	5.1	3.3	1.1	1.6	3.6
18	8.8	10.4	34.5	13.2	10.6	11.7	5.7	4.3	3.1	1.3	1.6	3.4
19	9.4	10.3	35.4	11.5	11.0	11.8	5.6	4.1	2.8	1.2	1.3	3.2
20	10.5	9.5	36.3	10.5	12.5	11.0	6.0	3.8	2.6	1.0	1.0	2.7
21	11.3	8.9	36.8	9.9	14.1	9.4	6.3	4.0	2.4	1.1	0.9	1.8
22	11.6	8.0	37.0	9.6	15.7	8.5	6.6	4.6	2.4	1.0	1.4	1.0
23	11.1	6.6	37.0	9.2	15.9	8.3	7.2	4.3	2.1	0.7	1.4	0.9
24	10.3	6.4	37.1	9.1	15.6	7.9	7.8	4.1	1.3	0.9	1.2	0.7
25	9.6	6.8	37.2	9.3	15.2	8.0	7.9	4.0	1.3	0.7	1.5	0.1
26	8.3	7.1	37.2	9.8	14.7	7.9	8.2	4.0	1.8	1.1	1.9	0.0
27	6.8	7.7	37.25	9.9	13.6	7.7	7.8	4.0	1.9	1.1	2.2	-0.1
28	5.8	8.8	37.2	10.2	12.6	7.6	7.4	3.8	1.8	0.8	2.0	0.2
29	5.4		37.0	11.2	13.1	7.3	7.0	3.8	1.7	0.6	2.2	0.2
30	5.4		36.7	11.7	13.9	7.0	7.0	3.9	1.5	1.0	2.4	-0.4
31	4.9		36.4		14.6		7.0	4.6		1.1		-1.00

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

1962

MISSISSIPPI RIVER
Cottonwood Point, Missouri

Zero of gage: 230.18 m.s.l. (230.50 m.g.l.) (Bankfull 36') 834.8 Miles A.H.P.
Lat.: 36° 03' 36" - Long.: 89° 41' 24"
Memphis District, CE gage

Vertical staff gage located at low-water ferry landing

Highest: 36.30 on 17-18 March
Lowest: 2.40 at 8:00 a.m. on 18 December
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date
Highest for period of record: 44.40 on 6-7 February 1937
Lowest for period of record: -3.90 on 23 January 1956

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	19.2	29.2	29.7	35.9	23.1	13.4	11.6	11.3	5.4	6.4	6.0	11.4
2	17.4	29.6	31.2	36.0	22.4	13.6	11.2	10.5	5.7	6.8	5.3	11.5
3	16.1	30.0	32.5	36.0	22.0	14.2	10.6	10.3	5.7	6.9	5.6	10.9
4	15.2	30.2	33.8	36.1	21.9	16.0	10.2	9.8	5.5	7.0	5.9	8.3
5	14.3	30.1	34.6	36.0	21.7	17.4	9.8	9.3	6.0	7.6	6.1	6.1
6	13.5	30.0	35.1	35.9	21.4	17.9	9.4	9.1	6.8	8.7	6.2	5.6
7	12.8	29.8	35.4	35.7	20.9	17.6	10.0	8.8	7.4	9.1	6.5	5.6
8	13.1	29.5	35.4	35.5	20.1	17.1	11.6	8.4	7.6	9.2	6.9	5.8
9	15.4	29.1	35.5	35.3	19.3	16.6	12.7	8.0	7.3	9.0	6.1	6.3
10	17.5	28.5	35.5	35.1	18.6	16.8	13.1	8.5	7.6	8.5	5.0	6.6
11	18.5	27.7	35.6	35.0	17.9	17.2	12.5	8.5	7.6	8.4	4.9	6.8
12	19.0	26.7	35.7	34.7	17.1	17.2	11.9	8.2	7.9	7.9	5.5	6.6
13	19.1	25.6	35.9	34.6	16.5	17.2	11.5	7.9	7.7	6.9	6.7	6.3
14	18.7	24.6	36.0	34.6	16.2	17.6	11.2	7.3	7.8	6.8	8.2	5.8
15	18.7	23.7	36.0	34.6	16.4	18.0	11.1	7.0	8.0	7.3	9.1	4.7
16	19.3	22.9	36.2	34.7	16.9	18.2	10.6	6.7	8.8	7.5	9.9	4.0
17	20.2	22.1	36.30	34.8	16.9	18.4	10.6	5.9	8.7	7.3	10.8	3.2
18	20.4	21.8	36.30	34.8	16.4	18.4	11.0	5.6	8.0	7.1	11.9	2.40
19	20.0	21.4	36.2	34.7	16.0	18.1	11.6	5.4	7.5	7.2	12.5	2.4
20	19.2	21.3	35.9	34.5	15.4	17.6	12.8	5.6	8.0	8.3	12.6	2.9
21	18.5	21.2	35.6	34.3	14.4	16.5	13.8	5.3	8.2	8.5	12.2	3.7
22	17.8	21.1	35.4	34.0	13.8	15.0	13.5	4.8	8.0	7.6	11.7	4.2
23	17.7	20.8	35.0	33.8	13.6	14.2	12.1	4.7	7.2	6.8	11.0	4.6
24	19.0	20.6	35.0	33.3	12.6	13.6	11.7	4.5	6.3	6.7	10.5	5.3
25	20.6	21.6	35.2	32.7	12.2	12.9	11.7	4.5	6.1	6.8	10.5	6.2
26	22.8	23.6	35.4	31.5	11.9	12.6	11.4	4.4	5.9	7.0	10.6	7.4
27	24.3	25.3	35.6	29.7	11.6	12.4	11.6	4.7	5.8	6.7	10.6	8.4
28	25.7	27.5	35.6	27.6	11.6	12.4	12.4	4.8	5.9	6.4	10.5	9.2
29	26.8		35.6	25.6	12.0	11.9	12.8	5.0	6.0	6.2	10.5	10.7
30	27.9		35.7	24.1	12.6	11.6	12.7	4.6	6.0	5.6	10.9	12.0
31	28.8		35.8		13.1		12.2	4.6		6.1		12.8

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

1961

MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.18 m.s.l. (230.50 m.g.l.) (Bankfull 36') 834.8 Miles A.H.P.
Lat.: 36° 03' 36" - Long.: 89° 41' 24"
Memphis District, CE Gage

Vertical staff gage located at low-water ferry landing.

Highest: 38.80 on 18 May
Lowest: 0.90 on 5 February
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1933 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.90 on 23 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.1	2.3	24.9	30.8	28.2	21.0	10.6	15.3	6.2	14.1	5.2	15.7
2	5.8	2.8	25.8	30.2	28.0	19.0	9.3	14.5	5.8	12.9	5.3	15.4
3	7.9	1.8	26.8	30.2	27.9	17.5	9.2	13.3	5.3	12.0	6.0	15.1
4	9.3	1.0	27.5	30.0	27.8	16.2	9.4	12.9	5.4	11.1	7.0	14.7
5	10.2	0.90	27.9	29.5	27.8	15.7	9.8	12.7	5.8	10.1	10.2	14.0
6	10.4	1.3	28.2	28.6	27.8	15.4	10.2	12.5	5.7	10.4	12.8	13.3
7	10.5	1.5	28.5	27.7	28.1	15.3	10.3	12.8	5.2	11.3	15.0	11.3
8	10.0	1.9	29.3	26.9	29.0	14.8	9.8	13.0	5.6	11.7	16.6	9.9
9	9.5	2.8	30.0	26.3	30.4	14.6	9.0	13.6	6.0	11.4	17.2	9.6
10	8.7	3.6	30.8	25.8	31.8	14.6	8.3	13.8	6.6	10.4	17.5	9.9
11	7.5	4.2	31.9	25.6	33.0	15.7	7.7	13.6	7.3	9.9	17.3	11.1
12	5.6	4.7	33.1	25.5	34.5	16.7	8.2	13.3	7.1	9.5	16.3	13.6
13	4.9	6.4	34.5	25.3	35.9	16.9	9.2	13.2	6.4	8.4	14.7	15.6
14	4.5	7.5	35.2	25.8	37.1	17.0	9.2	12.7	6.2	7.3	13.6	16.9
15	4.1	8.1	35.6	26.7	37.8	17.6	8.4	12.3	5.8	6.9	12.7	17.5
16	3.4	8.3	35.7	27.4	38.4	18.4	7.6	12.2	5.5	6.6	11.9	18.0
17	3.6	8.2	35.8	27.8	38.6	19.9	7.8	12.1	7.3	7.4	11.5	18.4
18	4.8	8.4	36.0	28.2	38.80	20.8	8.5	12.2	11.7	9.5	11.4	18.8
19	6.6	8.6	36.2	28.5	38.7	21.3	8.7	11.7	15.0	10.6	11.8	19.7
20	7.4	9.1	36.2	28.6	38.6	21.6	9.3	10.7	17.2	10.7	13.0	21.0
21	7.8	10.5	36.2	28.5	38.3	21.9	10.2	9.4	18.3	10.2	15.1	22.1
22	8.8	12.0	35.9	28.2	38.0	22.2	10.7	7.2	18.2	9.3	17.4	23.0
23	9.8	14.3	35.7	27.7	37.4	22.1	11.6	6.1	16.8	8.4	18.4	23.7
24	10.7	18.0	35.4	27.4	36.6	21.7	12.5	5.4	15.2	7.9	19.3	24.2
25	11.0	20.7	35.2	27.0	35.8	21.0	12.7	5.6	13.8	7.5	19.6	24.8
26	10.9	22.2	34.8	26.9	34.7	19.7	13.2	6.1	12.7	7.4	19.4	25.3
27	10.3	23.1	34.4	27.2	33.0	18.0	14.6	5.9	12.4	7.4	19.0	25.6
28	9.3	24.1	33.8	27.6	31.2	16.4	16.2	5.5	13.3	7.4	18.0	25.5
29	6.2		33.1	27.9	28.0	14.8	16.4	5.3	14.2	7.1	17.0	24.7
30	2.9		32.2	28.2	25.4	12.7	16.2	5.3	14.8	6.1	16.2	23.0
31	2.1		31.7		23.1		15.9	5.8		5.3		21.0

8:00 a.m. readings

1960

MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.18 m.s.l. (230.50 m.g.l.) (Bankfull 36') 834.8 Miles A.H.P.
Lat.: 36° 03' 36" - Long.: 89° 41' 24"
Memphis District, CE Gage

Vertical staff gage located at low-water ferry landing.

Highest: 34.10 on 15, 16 April.
Lowest: 1.30 on 1 November.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.90 on 23 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17.9	16.4	17.6	22.5	18.6	20.8	22.2	6.5	5.0	4.4	1.30	3.7
2	18.4	16.0	17.1	24.8	18.1	20.9	22.4	6.2	4.3	4.2	2.0	4.5
3	18.8	15.7	16.9	26.7	17.9	20.8	22.6	5.5	4.3	4.2	2.2	5.2
4	19.0	15.2	17.1	28.0	18.2	20.4	22.6	5.2	5.0	4.0	2.4	5.3
5	18.8	14.7	18.1	29.2	18.8	19.9	22.6	5.2	6.6	3.5	2.6	4.7
6	18.6	14.4	19.1	30.2	19.3	19.5	23.1	4.5	7.3	3.6	3.7	4.2
7	18.1	14.4	19.8	31.0	19.2	18.8	23.8	4.6	8.1	3.6	5.4	4.0
8	17.7	15.0	19.7	31.8	19.0	18.1	24.3	5.4	7.6	3.7	6.5	4.1
9	17.3	16.0	19.3	32.5	19.1	17.4	24.3	6.3	7.3	3.9	6.6	3.4
10	17.0	17.3	18.6	33.1	19.6	16.7	23.7	7.0	6.5	3.9	5.8	3.0
11	16.8	18.5	17.9	33.6	20.3	14.8	23.0	7.1	5.8	3.4	5.9	3.0
12	17.1	19.5	16.7	33.8	21.0	14.0	21.5	7.3	5.6	3.1	6.3	3.8
13	17.4	20.1	15.5	33.9	21.8	13.8	19.2	7.0	6.1	2.9	6.5	5.3
14	17.6	20.5	14.2	34.0	22.5	13.7	16.5	7.0	5.9	2.6	7.0	5.3
15	17.5	21.1	13.2	34.10	23.0	13.4	14.5	6.8	5.7	2.1	7.1	5.3
16	18.0	21.7	12.7	34.10	23.3	13.3	14.3	6.5	6.0	1.9	7.0	5.6
17	19.3	22.2	12.5	33.9	23.3	13.8	14.3	6.5	6.0	1.8	6.7	5.3
18	20.6	22.6	12.7	33.5	23.1	15.1	14.5	5.7	5.6	2.2	6.3	4.9
19	22.4	22.8	13.5	33.0	22.9	16.2	13.7	5.2	5.6	2.4	5.9	4.7
20	24.1	22.9	14.4	32.2	22.7	17.5	12.1	4.6	6.2	1.9	5.8	3.9
21	25.3	23.1	15.4	31.3	22.6	18.0	11.1	4.4	6.8	2.7	5.7	3.5
22	26.3	23.3	16.1	30.1	22.6	17.4	10.4	4.9	6.6	3.1	5.1	3.1
23	26.8	23.2	16.9	28.8	22.6	16.4	9.8	5.0	6.3	2.9	5.0	2.9
24	26.7	22.8	17.6	27.7	22.5	15.4	9.2	5.1	5.8	2.8	5.1	3.3
25	25.8	22.2	17.8	26.4	22.1	15.1	8.7	5.0	5.7	2.5	5.2	3.9
26	24.5	21.3	17.9	25.1	21.7	15.3	7.9	5.5	5.3	2.2	5.5	3.4
27	23.0	20.2	18.1	23.9	21.2	16.5	7.5	6.5	5.2	2.2	5.2	2.8
28	21.2	19.1	18.5	22.5	20.9	19.1	7.4	6.7	4.5	2.3	4.8	2.2
29	19.5	18.2	18.8	20.9	21.0	21.3	7.0	6.6	4.1	2.2	3.8	2.1
30	18.2		19.1	19.5	21.1	22.1	6.6	6.2	3.9	2.0	3.6	2.7
31	17.1		20.2		20.8		6.5	5.5		1.9		3.5

8:00 a.m. readings.

MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.18 m.s.l. (230.50 m.g.l.) (Bankfull 36') 834.8 Miles A.H.P.
Lat.: 36°03'36" - Long.: 89°41'24"
Memphis District, CE Gage

Vertical staff gage located at low-water ferry landing.

Highest: 28.35 on 26 February.
Lowest: -1.10 on 24 September.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.90 on 23 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.4	25.8	26.8	18.7	16.0	16.0	5.0	5.7	3.5	5.7	8.3	10.7
2	3.1	26.1	26.0	19.1	15.1	15.5	5.5	5.2	3.7	7.5	8.6	12.0
3	3.2	26.4	25.0	19.4	14.7	15.3	6.1	4.3	4.5	8.9	8.8	12.9
4	3.6	26.5	24.0	19.6	14.8	15.7	6.3	3.9	4.9	9.4	8.5	13.3
5	4.0	26.5	23.0	19.8	15.2	16.9	6.1	3.5	4.9	9.4	7.9	13.5
6	4.6	26.2	22.0	20.2	15.4	18.4	6.3	3.7	5.2	9.2	8.1	13.4
7	5.7	25.6	21.0	20.5	15.4	19.1	7.3	4.0	5.0	9.1	8.6	13.4
8	6.6	24.6	20.4	20.9	15.3	18.8	8.6	4.6	4.3	9.3	9.1	13.4
9	6.9	23.3	20.2	21.1	15.3	18.0	9.4	7.3	4.8	9.9	9.4	13.3
10	6.9	21.6	20.1	20.8	15.4	17.2	9.1	8.4	4.5	11.4	9.9	13.0
11	6.8	19.4	20.2	20.5	15.4	16.6	8.3	9.6	4.0	13.7	10.0	12.6
12	6.1	17.5	20.0	20.7	15.7	16.0	7.0	9.8	3.8	15.3	9.9	12.3
13	4.5	17.2	19.7	21.2	16.7	14.8	6.2	8.9	3.6	15.9	9.7	12.1
14	3.2	18.8	19.6	21.6	17.2	12.3	5.7	7.5	3.5	16.5	9.4	12.7
15	2.2	20.6	19.8	21.8	17.1	10.9	5.4	6.0	2.9	16.8	9.2	14.2
16	1.8	22.8	20.2	21.6	16.8	10.0	5.4	5.1	2.2	15.5	8.9	15.7
17	2.9	24.7	20.5	21.0	16.3	9.2	5.0	4.5	1.5	13.9	7.9	16.9
18	4.6	26.0	20.5	20.0	15.9	8.9	4.6	4.0	1.5	12.3	7.5	17.7
19	6.6	27.0	20.4	19.4	15.3	8.3	4.4	5.8	1.0	11.0	7.5	18.6
20	7.9	27.7	20.3	19.0	15.2	7.7	4.9	7.1	0.2	10.0	7.7	19.5
21	9.0	28.1	20.3	19.3	15.8	6.9	5.4	6.1	-0.2	9.2	7.7	20.8
22	11.1	28.2	20.4	19.9	16.5	6.4	4.7	5.5	-0.5	8.8	7.4	22.3
23	14.7	28.2	20.0	20.0	16.7	5.6	4.5	5.6	-0.8	8.4	6.8	23.2
24	18.6	28.2	19.6	19.9	16.8	4.3	4.5	5.0	-1.1	7.6	6.1	23.6
25	21.4	28.30	19.4	19.6	17.0	3.9	4.1	4.1	-0.7	6.7	5.8	23.3
26	23.0	28.35	19.5	19.5	17.3	4.3	5.2	3.6	-0.7	6.2	6.0	22.5
27	24.1	28.1	19.5	19.5	17.7	4.7	5.8	3.2	-0.6	5.5	6.6	21.4
28	24.8	27.5	19.3	19.1	17.8	5.0	6.4	2.8	0.3	6.1	7.8	20.3
29	25.3		19.4	18.4	17.7	5.0	6.3	2.2	2.3	6.5	8.5	19.0
30	25.4		19.2	17.1	17.6	4.8	6.0	2.9	4.0	7.1	9.2	18.1
31	25.6		18.8		16.8		6.1	3.8		7.7		17.8

8:00 a.m. readings.

1958
MISSISSPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.42 m.s.l. (230.50 m.g.l.)(Bankfull 36') 834.8 Miles A.H.P.
Lat.: 36°03'51" - Long.: 89°41'11"
Memphis District, CE Gage

Vertical staff gage located at low-water ferry landing.

Highest: 31.05 at 4:00 p.m. on 29 July
Lowest: -0.10 on 30 December
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.90 on 23 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	28.0	19.9	6.5	20.9	22.3	11.4	16.6	30.4	9.9	8.8	2.2	6.8
2	28.0	20.1	9.0	20.6	24.0	10.8	16.3	29.9	8.9	8.3	1.9	6.8
3	28.0	20.1	11.6	20.0	25.2	9.5	15.8	29.6	8.5	8.0	1.7	7.3
4	28.0	19.8	14.4	19.6	26.2	8.5	15.0	29.7	7.9	7.4	1.5	8.0
5	27.6	19.3	16.2	19.5	27.1	8.4	13.9	29.9	6.5	6.6	1.9	8.0
6	27.0	18.6	17.2	19.6	27.5	8.5	11.3	30.1	5.3	5.6	2.3	7.6
7	26.0	17.6	18.1	19.6	27.9	8.8	10.2	30.2	5.3	4.5	2.2	7.1
8	24.8	16.9	18.8	19.8	28.4	9.8	9.9	30.3	5.8	4.0	1.7	7.0
9	23.2	16.9	19.3	20.0	29.1	9.7	11.3	30.1	5.7	4.3	2.0	7.5
10	21.4	17.4	19.5	20.6	29.6	8.5	12.5	29.8	5.5	4.4	1.8	8.3
11	19.2	17.7	19.9	20.8	30.3	7.9	13.4	29.3	6.0	4.1	1.5	8.9
12	16.5	17.6	20.2	21.0	30.5	7.9	14.3	28.3	6.7	3.8	1.8	9.1
13	13.7	17.0	20.6	21.0	30.6	9.6	14.6	27.0	7.2	3.7	1.4	9.0
14	11.6	16.3	20.6	21.3	30.6	10.5	14.5	25.5	7.8	4.5	1.3	8.6
15	10.2	16.0	20.6	21.6	30.5	13.1	14.5	24.2	8.1	5.5	1.1	8.1
16	9.5	15.8	20.3	21.6	30.4	14.4	15.1	22.7	8.1	6.4	1.4	7.2
17	9.2	15.3	19.6	21.5	30.4	16.0	17.1	21.3	8.2	6.1	1.9	5.1
18	9.1	14.3	18.6	21.5	30.5	17.3	19.8	20.0	7.9	5.5	1.6	2.9
19	9.1	12.9	17.6	21.3	30.4	18.6	22.0	18.7	7.4	4.8	3.0	2.3
20	9.2	11.4	16.9	20.8	30.4	19.6	24.2	17.6	7.2	4.1	4.6	1.8
21	9.6	10.0	16.4	20.2	30.2	19.9	25.5	16.6	7.2	3.2	6.1	1.2
22	10.2	8.9	15.8	19.4	30.1	19.8	26.6	15.6	7.8	2.5	7.6	1.1
23	12.1	8.3	15.4	18.5	29.6	19.4	27.7	14.6	8.5	2.4	9.0	0.9
24	13.7	8.2	15.2	17.9	28.7	18.9	28.8	14.2	9.7	2.5	10.2	0.8
25	14.6	7.0	15.8	17.3	26.7	18.5	29.7	13.7	10.6	2.4	10.1	0.9
26	15.3	5.1	17.6	16.7	24.0	18.3	30.4	12.7	10.0	2.1	9.8	0.9
27	16.0	4.3	19.2	16.6	21.0	18.2	30.6	11.4	9.3	1.6	9.4	0.6
28	16.9	4.7	19.9	17.3	17.9	18.0	31.0	10.5	8.9	1.3	8.8	0.3
29	17.9		20.3	18.7	15.3	17.5	31.05	10.7	8.8	1.5	7.3	0.1
30	18.8		20.8	20.4	13.4	17.0	31.0	10.6	9.0	1.9	6.8	-0.10
31	19.5		21.0		12.1		30.8	10.3		2.4		1.0

8:00 a.m. readings

1957
MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.42 m.s.l. (230.50 m.g.l.)(Bankfull 36') 834.8 Miles A.H.P.
Lat.: 36°03'51" - Long.: 89°41'11"
Memphis District, CE Gage

Vertical staff gage located at low-water ferry landing.

Highest: 32.73 on 15 February.
Lowest: 0.55 on 2 September.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.90 on 23 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12.4	22.9	20.2	12.7	24.2	30.3	16.1	11.8	0.6	3.4	7.0	24.6
2	12.0	24.8	19.8	11.8	23.6	29.2	17.2	12.4	0.55	3.0	6.5	23.5
3	11.5	26.1	19.6	11.4	23.0	27.8	18.4	11.8	0.7	2.0	5.5	22.1
4	11.1	27.1	19.6	11.8	22.0	26.2	20.4	10.4	0.8	2.2	4.8	20.3
5	10.4	28.0	19.2	13.2	20.9	24.6	21.9	9.2	1.1	2.4	4.2	18.3
6	9.5	28.6	18.6	17.4	19.8	22.8	22.7	8.4	1.2	2.0	3.8	16.4
7	9.3	29.4	17.8	21.6	19.1	21.4	22.6	8.1	1.4	1.8	3.6	14.8
8	9.0	30.2	17.2	24.6	18.5	20.4	22.0	7.8	1.1	1.6	3.6	14.1
9	8.7	30.7	16.8	26.6	17.7	19.6	21.5	7.2	1.0	1.2	3.9	14.3
10	8.1	31.2	16.8	28.0	16.7	18.9	21.3	6.5	1.0	0.9	5.6	15.6
11	7.1	31.6	17.1	28.8	15.4	18.9	21.2	5.7	1.0	1.1	6.4	17.6
12	5.4	32.0	17.3	29.7	13.5	19.3	20.5	4.9	1.3	1.1	6.4	19.6
13	5.0	32.2	17.2	30.4	11.7	19.1	19.6	4.8	1.5	0.8	6.4	20.6
14	5.9	32.27	16.8	30.7	11.7	18.2	18.1	5.9	1.8	0.7	6.2	21.8
15	6.8	32.33	16.1	30.8	11.5	17.3	17.1	5.5	2.1	0.6	8.8	22.3
16	7.8	32.17	15.5	30.7	11.2	16.9	16.2	4.6	2.9	0.6	12.7	22.3
17	9.3	32.0	15.2	30.6	11.0	17.7	15.6	4.0	2.8	0.8	15.4	22.0
18	10.8	31.6	15.0	30.6	10.7	18.7	15.2	3.4	2.8	1.3	17.3	21.8
19	11.8	31.3	14.6	30.8	11.2	19.8	14.7	3.0	3.8	1.5	18.8	21.9
20	12.0	30.9	14.0	30.8	12.5	20.0	14.2	2.8	3.8	1.4	21.7	22.0
21	11.7	30.4	13.3	30.8	15.2	19.4	13.1	2.8	3.3	1.1	24.0	22.0
22	10.8	30.0	12.5	30.8	18.3	18.7	12.6	2.9	3.6	1.3	25.8	23.0
23	9.8	29.3	11.8	30.7	20.6	17.8	11.6	2.9	3.5	1.7	27.0	24.1
24	9.4	28.6	11.3	30.5	24.2	17.2	11.0	2.8	3.3	1.7	27.8	25.2
25	10.3	27.4	11.2	30.1	27.3	17.1	11.0	2.2	3.0	2.4	28.2	26.2
26	12.3	25.6	11.0	29.6	28.9	17.2	11.0	2.0	3.0	3.0	28.3	27.1
27	14.2	23.2	11.3	28.7	30.0	17.1	11.2	1.8	3.1	3.3	27.9	27.6
28	15.5	21.6	12.1	27.6	30.7	16.8	10.6	1.6	3.2	4.5	27.6	27.9
29	16.2		12.8	26.2	30.9	16.3	10.4	1.2	3.4	5.9	27.2	27.9
30	17.5		13.5	25.0	31.0	16.0	10.6	0.9	3.6	6.5	26.0	27.9
31	20.1		13.4		30.9		10.7	0.6		7.0		28.0

8:00 a.m. readings

1956
MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.42 m.s.l. (230.50 m.g.l.)(bankfull 36') 834.8 miles A.H.P.
Lat.: 36° 03' 51" - Long.: 89° 41' 11"
Memphis District, CE gage

Vertical staff gage located at low-water ferry landing.

Highest: 30.56 on 29 February
Lowest: -3.90 on 23 January
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date
Highest for period of record: 44.40 on 6-7 February 1937
Lowest for period of record: -3.90 on 23 January 1956

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-0.1	5.0	30.3	22.2	17.2	10.6	11.9	8.3	2.3	-0.3	-0.8	0.7
2	-0.5	10.5	30.2	20.4	16.2	10.5	11.6	8.1	2.5	-0.1	-1.1	0.4
3	-0.9	14.8	29.9	18.6	16.0	11.3	11.3	8.0	2.5	0.4	-1.0	0.0
4	-0.6	18.7	29.6	17.4	16.2	12.6	11.1	8.2	3.0	0.8	-0.5	-0.7
5	-0.7	21.4	29.0	17.0	16.6	14.2	10.9	8.7	3.8	0.7	-0.2	-0.6
6	-1.2	23.2	28.4	17.2	16.4	15.5	10.4	9.4	4.2	0.3	0.0	-0.9
7	-1.5	25.0	27.8	18.0	16.2	16.3	10.2	10.1	4.1	0.0	0.4	-1.4
8	-1.5	26.0	27.2	19.4	16.2	16.6	9.9	10.2	3.7	0.0	0.6	-1.6
9	-1.6	26.8	26.8	21.2	16.6	16.4	10.0	9.6	3.2	0.1	0.3	-1.8
10	-2.0	27.4	26.2	22.8	17.2	16.1	9.9	8.4	3.2	0.1	0.0	-1.0
11	-1.6	27.8	25.8	23.8	17.6	15.8	9.7	7.8	3.2	-0.1	-0.7	0.8
12	-1.6	27.8	25.6	24.2	18.0	15.3	9.5	7.7	3.2	-0.1	-1.3	1.9
13	-2.0	27.4	25.2	24.6	18.2	14.5	9.5	7.8	3.0	-0.2	-1.4	3.0
14	-2.1	26.8	24.6	24.8	17.8	13.6	9.6	8.4	2.8	-0.6	-1.0	4.2
15	-2.4	26.0	24.2	24.6	17.4	12.6	9.4	8.9	2.8	-1.0	-0.9	6.3
16	-2.5	25.2	24.6	24.4	16.6	11.6	9.0	10.2	2.5	-1.0	-1.3	8.9
17	-2.7	24.8	25.2	24.6	16.0	10.4	8.0	11.0	2.0	-1.2	-1.7	11.7
18	-2.8	25.0	25.8	25.0	15.6	9.4	7.3	11.6	2.5	-1.6	-1.9	13.4
19	-2.9	25.6	26.6	25.4	15.1	7.2	6.7	11.7	3.3	-2.1	-1.3	14.0
20	-3.2	27.0	27.0	25.4	14.7	4.8	6.7	11.3	3.7	-2.3	-1.1	14.3
21	-3.6	27.8	27.4	25.2	14.3	4.8	7.1	10.3	3.9	-2.6	-1.4	14.6
22	-3.8	28.7	27.8	24.6	14.1	5.6	8.2	9.0	3.8	-2.9	-0.6	14.8
23	-3.90	29.2	27.8	24.0	14.3	6.2	8.7	8.1	3.6	-3.1	0.0	15.0
24	-3.7	29.6	27.6	23.4	14.5	7.0	8.7	7.0	2.3	-3.0	0.5	15.0
25	-3.5	29.8	27.4	23.0	14.4	8.4	8.5	6.0	1.3	-2.2	1.0	15.3
26	-2.8	29.9	26.8	22.8	14.0	9.4	8.1	5.8	1.4	-1.8	0.6	15.4
27	-2.5	30.2	26.6	22.2	13.3	9.9	8.1	5.6	1.1	-1.7	0.7	15.2
28	-2.6	30.5	26.2	21.4	13.0	10.6	8.1	5.1	0.8	-1.7	0.8	14.7
29	-2.2	30.56	25.6	20.2	12.5	11.4	8.0	4.5	0.5	-1.6	0.9	14.1
30	-2.2		24.8	18.8	11.8	11.8	8.0	3.8	0.2	-1.0	0.5	13.4
31	-1.0		23.8		11.2		8.4	3.0		-1.0		12.9

8:00 a. m. readings

1955
MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.42 m.s.l. (230.50 m.g.l.)(bankfull 36') 834.8 miles A.H.P.
Lat.: 36° 03' 51" - Long.: 89° 41' 11"
Memphis District, CE gage.

Vertical staff gage located at low-water ferry landing.

Highest: 35.85 on 30 March.
Lowest: -2.10 on 19, 20 September.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.45 on 23 August 1936 and 26-27 October 1939.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11.9	5.5	28.1	35.6	21.7	11.0	8.1	5.0	0.1	-1.1	1.3	8.0
2	13.5	4.5	28.1	35.4	21.5	12.3	8.5	4.7	-0.3	0.7	1.9	7.4
3	14.0	4.0	27.8	35.0	21.3	12.8	8.3	3.9	0.4	1.6	1.6	6.5
4	14.2	4.0	27.7	34.3	20.9	12.8	7.7	3.4	1.1	1.9	2.4	4.9
5	14.6	4.5	28.0	33.4	20.2	12.0	6.8	2.4	1.6	2.6	3.3	3.8
6	15.4	5.5	28.3	32.2	19.4	10.8	6.0	1.9	1.6	3.1	4.0	3.3
7	16.6	6.3	28.4	30.3	18.5	10.2	5.6	1.5	1.3	2.5	4.3	4.4
8	17.2	7.2	28.4	28.0	17.4	9.8	5.3	1.4	0.9	2.1	4.0	5.9
9	18.2	9.4	28.4	26.0	16.1	9.8	5.2	1.5	0.0	4.3	3.3	6.4
10	19.7	12.2	28.6	24.2	14.5	9.8	5.7	2.0	-0.2	7.2	2.8	6.5
11	20.6	14.9	28.9	22.6	13.1	10.3	6.4	2.6	-0.5	9.3	2.9	6.4
12	20.8	16.8	29.4	21.0	11.0	10.7	7.8	3.3	-0.8	9.8	3.0	6.1
13	20.4	17.9	29.6	20.0	9.0	11.4	8.6	3.4	-1.5	8.5	2.8	5.5
14	19.6	18.6	29.9	19.6	8.2	12.3	8.8	3.8	-1.3	7.5	2.7	5.4
15	18.6	19.2	30.0	19.6	9.0	13.0	8.9	4.4	-1.5	6.5	2.2	4.7
16	17.8	19.3	30.1	20.0	9.9	13.3	9.1	4.4	-1.6	5.5	1.5	3.1
17	17.1	19.0	30.3	20.1	11.2	13.4	9.0	3.9	-1.7	4.9	1.0	2.3
18	16.4	18.5	30.5	19.8	12.6	13.3	8.5	4.0	-1.9	4.1	2.3	2.4
19	15.5	17.6	30.6	19.4	13.5	13.2	8.4	3.6	-2.10	3.7	4.3	2.4
20	14.5	16.8	30.9	18.9	13.8	12.8	8.5	3.1	-2.10	4.3	5.0	2.1
21	13.2	15.9	31.4	18.6	13.5	12.1	8.3	2.5	-2.0	4.0	6.0	1.3
22	12.3	15.2	31.9	18.9	12.8	10.7	8.4	2.2	-2.0	3.0	6.8	0.5
23	11.3	16.6	32.7	19.2	12.6	9.6	8.1	2.0	-2.05	2.4	8.0	-0.6
24	10.5	20.6	33.8	19.4	12.3	9.1	7.3	2.2	-1.8	1.7	8.5	-0.4
25	9.3	24.4	34.5	19.6	11.8	8.4	6.5	2.5	-1.0	1.3	8.4	-0.9
26	7.6	26.6	35.0	20.2	11.1	8.3	6.1	2.3	-0.9	1.3	8.3	-1.7
27	7.2	27.7	35.3	20.8	10.3	8.1	5.6	2.1	-0.7	1.0	8.4	-1.9
28	7.5	28.0	35.5	21.4	9.8	7.7	5.6	1.8	-0.4	0.6	8.5	-2.0
29	7.3		35.70	21.7	9.5	7.5	5.5	1.1	-0.5	0.2	8.5	-1.0
30	6.9		35.85	21.8	9.7	7.7	5.2	0.4	-0.6	0.0	8.3	0.1
31	6.5		35.75		10.2		5.2	0.0		0.5		0.3

8:00 a. m. readings

1954
MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.42 m. s. l. (230.50 m. g. l.) (bankfull 36') 834.8 miles A. H. P.
Lat.: 36° 03' 51" - Long.: 89° 41' 11"
Memphis District, CE gage.

Vertical staff gage located at low-water ferry landing.

Highest: 20.35 on 29 January.
Lowest: -1.60 on 4, 12 January.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.45 on 23 August 1936 and 26-27 October 1939.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-0.6	19.2	6.2	10.6	16.1	6.9	10.2	2.6	6.8	1.0	11.2	1.4
2	-0.6	18.2	7.0	10.7	15.8	6.3	9.9	1.1	7.2	0.3	8.9	1.9
3	-0.7	16.4	7.9	10.6	15.4	6.0	9.6	0.4	6.8	0.2	7.5	2.7
4	-1.6	13.8	9.0	10.4	15.1	6.8	9.2	0.7	5.8	0.8	7.4	3.1
5	-1.5	10.9	9.7	10.3	15.0	8.5	9.3	1.2	4.3	1.1	7.4	3.2
6	-1.4	8.7	9.8	10.3	14.9	10.1	9.6	0.8	3.6	1.2	6.7	3.1
7	-1.2	6.4	9.6	10.7	15.0	11.1	9.8	1.1	3.4	0.7	6.1	3.8
8	-1.2	4.9	9.5	11.4	15.6	12.0	9.9	2.1	3.1	1.6	5.3	5.0
9	-1.2	3.8	9.7	12.0	17.0	13.0	9.3	3.0	2.7	2.5	5.0	5.8
10	-1.0	2.8	10.4	12.4	17.6	13.3	8.5	3.5	2.2	3.3	5.0	5.2
11	-1.3	2.3	11.4	12.7	17.8	13.1	7.8	3.8	1.2	4.3	4.4	4.6
12	-1.6	2.0	12.3	12.5	17.6	12.5	6.9	3.8	0.2	4.7	3.4	4.3
13	-1.3	1.2	12.9	11.6	17.2	11.9	6.2	4.2	-0.4	4.6	3.1	3.8
14	-0.8	0.6	12.8	10.7	16.7	11.0	5.9	4.0	-0.6	4.4	3.0	3.6
15	-0.2	0.8	12.3	10.3	16.4	10.5	6.0	2.9	-0.8	5.6	2.7	4.0
16	0.4	0.8	11.3	10.1	16.1	10.2	5.8	2.6	-1.1	6.8	2.2	4.2
17	1.0	0.8	10.3	9.9	16.1	9.9	5.8	2.6	-1.3	7.7	1.5	4.1
18	3.5	1.2	9.0	10.3	16.0	9.6	6.0	2.4	-1.4	9.2	1.3	4.1
19	7.0	2.5	8.0	11.2	15.8	9.3	5.5	1.7	-1.3	9.6	1.2	4.0
20	10.1	3.6	7.3	12.2	15.4	9.5	5.8	2.3	-1.2	9.7	0.7	4.3
21	11.8	5.1	7.4	13.4	14.9	10.0	5.6	2.4	-0.7	9.7	0.2	4.5
22	13.2	6.3	7.8	14.4	14.5	10.4	5.6	2.7	1.1	10.0	-0.1	5.3
23	14.7	7.4	8.2	14.8	14.1	10.5	6.3	3.0	3.1	10.3	0.3	5.9
24	16.0	8.0	8.5	15.0	13.6	10.4	6.6	3.1	4.3	11.0	0.4	5.7
25	17.4	8.2	8.4	15.8	12.7	10.2	6.9	3.4	4.8	12.4	0.6	5.8
26	18.8	8.0	8.1	16.8	11.9	9.3	7.1	3.7	3.8	13.8	1.0	6.4
27	19.8	7.7	8.5	17.4	11.1	8.6	7.2	3.2	2.8	14.8	1.4	6.7
28	20.2	7.1	9.2	17.4	10.5	8.5	7.4	2.5	2.3	15.0	2.3	7.2
29	20.35		9.8	17.1	9.7	9.2	7.6	2.4	1.2	14.6	2.4	7.7
30	20.1		10.4	16.6	8.7	9.9	7.4	3.4	1.1	13.8	1.8	8.6
31	19.7		10.6		7.9		6.0	4.9		12.7		10.1

8:00 a. m. readings

1953
MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.42 m. s. l. (230.50 m. g. l.) (bankfull 36') 834.8 R miles A. H. P.
Lat. 36° 03' 51" - Long. 89° 41' 11"
Memphis District, CE gage.

Vertical staff gage located on second dike on low-water ferry landing, 200 ft. above PBM Cottonwood.

Highest: 26.60 on 23 May.
Lowest: -2.80 on 20-21 Nov.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.45 on 23 August 1936 and 26-27 October 1939.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.6	15.4	21.6	21.4	19.3	21.2	9.8	5.3	3.0	-1.1	-2.1	-2.4
2	2.2	15.6	21.1	21.3	19.8	20.3	9.9	5.2	3.0	-1.4	-2.2	-2.4
3	2.4	15.8	20.5	21.7	20.6	18.7	10.1	5.2	2.8	-1.8	-2.2	-2.4
4	2.8	15.4	20.1	22.6	20.8	17.8	10.5	5.3	2.4	-2.0	-2.3	-2.3
5	3.0	14.8	21.1	23.7	20.4	16.6	10.9	5.4	1.9	-2.2	-2.4	-2.2
6	3.3	14.3	22.8	24.4	19.8	15.4	10.9	5.2	1.5	-2.2	-2.4	-1.7
7	3.4	13.8	24.2	24.6	19.9	14.4	11.0	5.0	1.3	-2.0	-2.4	-1.6
8	3.7	13.5	25.1	24.5	20.2	13.8	11.5	5.4	1.6	-1.8	-2.4	-1.3
9	4.1	13.2	25.7	24.0	19.8	13.3	11.8	5.7	1.4	-1.8	-2.4	-0.8
10	5.7	12.9	25.9	23.1	19.3	13.1	11.9	5.9	1.3	-1.8	-2.4	-1.2
11	6.3	12.8	25.8	22.3	19.2	13.1	12.2	6.0	0.9	-2.0	-2.4	-0.8
12	7.0	12.3	25.3	21.4	19.4	13.2	12.4	6.8	0.3	-1.9	-2.4	0.2
13	8.6	12.3	24.5	21.0	19.8	13.2	11.9	7.2	-0.2	-2.1	-2.3	0.8
14	10.7	13.6	23.7	20.4	20.1	13.2	11.3	7.2	-0.4	-2.3	-2.2	0.2
15	12.7	15.6	22.8	20.0	20.1	13.1	10.8	7.2	-0.4	-2.5	-2.2	0.1
16	14.2	17.0	22.3	19.7	20.2	12.8	9.8	7.3	-0.4	-2.6	-2.4	0.9
17	15.3	17.8	22.3	19.4	20.6	13.2	8.9	7.1	-0.3	-2.1	-2.6	1.5
18	15.5	18.1	22.3	19.2	21.2	14.1	8.4	6.5	-0.1	-2.3	-2.7	0.9
19	14.9	17.7	22.4	19.0	22.8	14.0	7.8	6.3	-0.2	-2.2	-2.8	0.8
20	13.8	17.2	22.5	19.4	24.4	13.6	7.5	6.3	-0.6	-2.2	-2.8	0.9
21	13.1	16.6	22.7	19.6	25.7	13.4	7.4	5.9	-0.8	-2.3	-2.8	1.0
22	13.2	15.8	22.9	19.7	26.4	13.2	7.6	5.4	-1.1	-2.4	-2.6	0.5
23	13.5	16.1	23.0	19.7	26.6	12.8	7.5	4.9	-0.6	-2.4	-2.6	0.6
24	14.1	17.2	23.1	19.8	26.2	12.2	7.4	4.5	-0.7	-2.5	-2.6	0.9
25	14.8	18.6	23.6	19.7	25.3	11.1	7.6	4.1	-0.8	-2.6	-1.8	0.6
26	15.2	20.2	24.3	19.6	24.2	10.2	7.8	3.8	-0.9	-2.6	-2.1	0.0
27	15.6	21.2	24.2	19.8	23.2	9.2	7.6	3.6	-0.9	-2.5	-2.4	-0.4
28	15.7	21.6	23.8	20.1	22.8	8.8	7.0	3.6	-0.8	-2.4	-2.6	-0.1
29	15.4		23.0	20.1	22.6	9.2	6.2	3.7	-1.0	-2.4	-2.6	0.0
30	15.2		22.3	19.8	22.4	9.6	6.2	3.5	-0.9	-2.3	-2.6	-0.2
31	15.2		21.8		21.8		5.7	3.0		-2.2		-0.7

8:00 a. m. readings

1952
MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

Zero of gage: 230.42 m.s.l. (230.50 m.g.l.)(bankfull 36') 834.8 R. miles A.H.P.
Lat. 36° 03' 51" - Long. 89° 41' 11"
Memphis District, CE gage.

Vertical staff gage located on second dike on low-water ferry landing, 200 ft. above PBM Cottonwood.

Highest: 37.00 on 29 March.
Lowest: -1.85 on 8 November.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.45 on 23 August 1936 and 26-27 October 1939.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	28.6	28.7	18.9	36.4	30.3	20.9	16.0	6.4	4.6	-0.1	-0.8	1.7
2	28.8	29.1	17.8	36.0	30.4	20.5	14.7	6.0	4.0	-0.2	-0.9	1.7
3	28.9	29.8	16.9	35.6	30.6	19.7	13.6	5.8	3.6	-0.2	-1.2	1.6
4	29.0	30.5	15.9	35.2	31.0	19.0	13.0	5.5	4.2	-0.4	-1.4	2.0
5	28.8	31.1	15.8	34.7	31.2	18.3	13.3	5.2	4.4	-0.5	-1.4	2.0
6	28.3	31.7	17.0	34.3	31.4	17.9	13.3	5.4	4.3	-0.6	-1.6	3.0
7	28.0	32.4	18.4	34.0	31.5	17.7	12.8	5.6	4.2	-0.3	-1.70	3.7
8	27.8	33.0	19.4	33.7	31.4	17.3	12.2	5.8	4.2	-0.4	-1.85	4.2
9	27.7	33.6	19.8	33.3	30.8	16.9	11.6	5.8	4.2	-0.8	-1.7	4.6
10	27.8	34.1	19.5	32.8	29.7	15.7	10.7	5.6	4.1	-1.1	-1.5	4.5
11	27.9	34.3	19.8	32.1	28.4	13.3	9.9	5.8	3.9	-1.4	-1.6	4.2
12	28.2	34.3	21.7	31.3	26.7	11.3	9.8	6.8	3.3	-1.4	-1.5	4.9
13	28.5	34.2	24.4	30.5	24.6	11.6	9.7	8.0	2.5	-1.2	-0.9	6.0
14	29.0	34.1	27.1	29.8	23.0	12.5	9.4	8.2	1.8	-1.0	-1.1	7.2
15	29.6	33.8	29.2	29.6	21.8	11.9	9.1	7.8	1.7	-0.9	-1.6	7.2
16	29.9	33.5	31.0	29.7	21.9	11.2	9.4	7.3	1.8	0.1	-1.7	7.0
17	29.7	33.2	32.1	29.7	20.2	11.2	9.9	7.0	1.8	-0.2	-1.3	7.0
18	29.0	32.8	33.0	29.8	19.5	11.2	10.0	6.9	2.5	-0.4	-1.4	6.9
19	27.9	32.2	34.0	29.8	19.0	11.5	10.3	6.8	2.4	-0.7	-1.4	7.1
20	26.5	31.4	34.2	29.8	18.9	11.6	10.0	7.4	2.0	-0.9	-1.2	7.4
21	24.9	30.3	34.4	29.8	19.0	11.8	9.5	7.7	1.8	-1.0	-0.7	7.8
22	23.4	29.1	34.6	29.6	19.0	11.7	9.1	7.5	2.3	-0.9	0.2	7.8
23	22.2	27.9	34.5	29.6	18.9	11.6	9.0	7.1	1.9	-0.8	1.0	6.6
24	22.0	26.4	34.8	29.6	18.8	11.6	8.9	6.8	1.0	-0.8	1.2	4.5
25	22.8	24.8	35.4	29.8	18.6	12.4	8.9	7.1	1.3	-1.0	1.9	3.5
26	24.0	23.3	36.0	30.0	18.4	12.9	8.4	7.8	1.4	-1.0	2.8	2.8
27	24.9	22.2	36.5	30.2	18.4	13.9	7.8	8.4	1.1	-1.2	3.4	2.9
28	25.7	21.2	36.8	30.2	18.8	15.8	7.4	8.2	0.6	-1.5	2.9	3.1
29	26.7	20.1	37.00	30.2	19.5	17.0	7.0	7.8	0.2	-1.5	2.6	3.2
30	27.4		36.95	30.2	20.5	16.8	6.8	6.6	0.0	-1.0	2.0	3.0
31	28.1		36.6		20.9		6.7	5.4		-0.9		2.0

8:00 a.m. readings.

1951
MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

ZERO OF GAGE: 230.42 M.S.L. (230.50 M.G.L.) (BANKFULL 36')
834.8 R. MILES A.H.P.
LAT. 36° 03' 51" LONG. 89° 41' 11"
MEMPHIS DISTRICT, CE GAGE

VERTICAL STAFF GAGE LOCATED ON SECOND DIKE ON LOW-WATER FERRY LANDING, 200 FEET ABOVE PBM COTTONWOOD.

HIGHEST: 35.16 ON 28 FEB.
LOWEST: 6.00 ON 23 OCT.
PERIOD OF RECORD: 16 NOV. 1879 TO 31 MAY 1885 AND 24 OCT. 1888 TO DATE.
HIGHEST FOR PERIOD OF RECORD: 44.40 ON 6-7 FEB. 1937.
LOWEST FOR PERIOD OF RECORD: -3.45 ON 23 AUG. 1936 AND 26-27 OCT. 1939.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	8.0	23.4	35.0	29.3	31.3	15.9	23.1	27.4	13.9	10.9	11.1	21.5
2	7.8	22.4	34.7	30.5	30.3	15.9	23.9	26.2	14.3	10.2	10.8	21.3
3	8.0	22.0	34.4	31.6	29.2	15.8	24.9	24.3	14.8	9.8	10.6	21.0
4	8.3	22.4	34.2	32.5	28.2	15.7	25.6	21.9	14.5	9.6	10.4	20.8
5	9.9	23.0	34.1	33.4	27.4	15.4	26.1	19.1	13.5	9.2	10.4	20.7
6	12.8	23.6	34.1	33.9	27.0	15.6	26.6	16.4	12.5	8.8	10.8	21.1
7	15.8	24.1	33.9	34.0	26.9	15.1	27.1	13.9	12.0	8.3	11.0	21.6
8	18.5	25.1	33.7	33.6	27.2	14.9	27.6	12.4	11.7	7.6	10.7	22.0
9	20.4	26.2	33.5	33.1	27.4	16.0	27.8	11.1	12.1	7.4	10.5	22.4
10	21.7	27.2	33.2	32.6	27.8	17.6	27.9	10.3	12.7	7.6	10.7	23.3
11	22.1	28.1	32.8	32.2	28.0	18.4	28.0	9.8	13.1	8.2	10.8	24.3
12	22.2	28.7	32.3	32.1	28.2	18.7	28.2	9.6	13.8	8.8	10.9	25.3
13	22.6	29.0	31.7	32.0	27.9	19.0	28.2	9.5	14.4	9.4	11.0	25.9
14	23.2	28.9	31.2	31.9	27.3	19.2	28.2	9.6	14.6	9.7	11.2	26.4
15	24.4	28.6	30.8	32.0	26.2	19.5	28.1	10.2	15.2	9.2	12.2	27.0
16	26.5	28.1	30.5	32.2	25.6	19.6	28.0	10.4	15.6	8.7	14.2	27.8
17	28.1	27.8	30.2	32.2	25.2	19.8	28.2	10.0	15.9	8.4	16.7	28.4
18	29.0	28.0	29.8	32.2	24.8	19.7	28.6	9.5	15.8	8.1	18.9	28.8
19	29.3	28.2	29.3	32.4	24.6	19.5	28.8	9.0	15.9	7.8	20.2	28.8
20	29.4	28.2	29.4	32.4	24.2	19.3	29.0	9.0	16.0	7.5	20.8	28.5
21	29.2	28.8	29.8	32.6	23.6	19.2	29.2	9.2	16.0	7.0	20.9	28.2
22	28.8	30.3	30.2	32.7	22.9	19.4	29.2	10.1	15.8	6.4	20.5	27.9
23	28.4	31.6	30.3	32.8	22.2	19.9	29.2	11.1	15.6	6.0	19.9	27.8
24	27.8	32.8	30.1	33.0	21.4	19.8	29.2	11.7	15.1	6.4	19.5	27.6
25	27.3	34.0	29.5	33.2	20.4	19.6	29.1	12.0	14.2	7.4	19.4	27.5
26	26.9	34.8	29.0	33.2	19.6	20.1	29.0	11.3	13.7	8.6	19.5	27.4
27	26.6	34.96	28.5	33.4	18.8	20.8	29.2	10.5	13.8	9.7	20.0	27.4
28	26.4	35.16	28.1	33.2	18.0	21.2	29.2	10.0	13.4	10.4	20.7	27.6
29	25.9		27.9	32.8	17.4	21.3	29.2	10.3	12.5	10.7	21.3	27.8
30	25.1		28.0	32.2	16.9	21.9	28.9	11.7	11.8	10.9	21.7	28.1
31	24.2		28.5		16.2		28.3	12.8		11.1		28.3

8:00 A.M. READINGS

1950
MISSISSIPPI RIVER
COTTONWOOD POINT, MISSOURI

ZERO OF GAGE: 230.42 M.S.L. (230.50 M.G.L.) (BANKFULL 36')
834.8 R. MILES A.H.P.
LAT. 36° 03' 51" - LONG. 89° 41' 11"
GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

VERTICAL STAFF GAGE LOCATED ON SECOND DIKE ON LOW-WATER FERRY LANDING, 200 FEET ABOVE PBM COTTONWOOD.

HIGHEST: 38.90 ON 18 JAN.
LOWEST: 4.00 ON 3-5 NOV.
PERIOD OF RECORD: 16 NOVEMBER 1879 TO 31 MAY 1885 AND 24 OCT. 1888 TO DATE.
HIGHEST FOR PERIOD OF RECORD: 44.40 ON 6-7 FEB. 1937.
LOWEST FOR PERIOD OF RECORD: -3.45 ON 23 AUG. 1936 AND 26-27 OCT. 1939.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	20.6	37.7	36.6	25.9	20.0	19.2	24.4	17.7	8.2	16.4	4.4	18.3
2	20.0	37.6	36.0	26.0	21.6	19.5	22.5	17.8	11.4	16.1	4.2	17.4
3	19.3	37.5	35.4	26.4	23.3	20.0	20.7	17.9	14.6	15.2	4.0	16.3
4	19.4	37.4	34.5	27.2	24.4	20.5	18.8	17.9	16.3	13.2	4.0	15.6
5	21.7	37.4	33.8	28.5	25.2	21.1	17.7	17.6	17.5	9.8	4.0	15.1
6	25.8	37.3	33.0	29.7	25.8	21.6	16.4	16.7	18.7	7.8	4.2	15.3
7	28.5	37.2	31.9	30.8	26.0	22.3	15.2	15.9	19.1	7.2	5.0	16.2
8	30.3	37.2	30.4	31.6	26.2	23.2	13.8	14.8	19.0	6.8	5.8	18.2
9	31.4	37.1	29.0	32.2	26.3	23.5	13.1	12.8	18.2	7.1	6.3	20.5
10	32.4	37.0	27.3	32.5	26.4	23.3	13.1	11.6	18.2	7.7	7.2	22.1
11	33.4	37.0	25.7	32.8	26.4	22.9	13.2	9.9	18.6	8.9	8.8	23.1
12	34.2	37.0	24.5	33.1	26.9	22.2	13.2	8.9	18.5	9.5	10.0	23.9
13	35.0	37.4	23.8	33.2	27.4	21.6	13.4	8.8	17.7	9.4	11.4	24.4
14	36.2	37.8	23.9	33.1	27.8	20.8	13.5	8.9	16.6	9.3	12.7	24.8
15	37.2	38.1	24.8	32.8	28.3	20.6	13.4	9.1	15.5	9.2	13.5	25.1
16	38.0	38.4	26.1	32.3	28.9	20.6	12.8	9.5	14.2	8.9	13.8	25.3
17	38.50	38.55	27.0	31.7	29.2	20.1	11.8	10.6	13.0	8.0	13.7	25.6
18	38.90	38.60	27.7	31.0	29.2	19.6	11.8	11.3	12.2	7.9	13.2	25.8
19	38.60	38.55	28.3	30.0	28.8	19.0	13.2	11.9	12.0	8.0	12.6	26.0
20	38.4	38.5	28.8	28.5	27.9	18.6	14.0	13.9	11.2	7.8	11.7	26.1
21	38.4	38.3	29.3	26.7	26.9	18.7	13.9	14.7	9.5	7.2	10.6	25.9
22	38.35	38.2	29.6	24.4	25.9	18.8	14.1	14.3	8.3	6.4	11.0	25.3
23	38.25	38.0	29.6	22.4	25.0	19.3	16.0	13.3	8.1	5.4	12.5	24.2
24	38.1	38.0	28.9	20.4	24.5	20.7	17.8	12.0	8.7	4.7	14.7	22.6
25	37.9	37.8	27.6	18.7	24.0	22.7	19.0	10.9	9.3	5.1	16.9	19.8
26	37.8	37.8	26.0	18.0	23.5	24.7	19.7	9.8	10.2	5.2	18.3	17.0
27	37.8	37.6	24.6	17.8	22.6	26.1	19.9	8.9	12.0	5.0	19.1	14.6
28	37.8	37.2	24.1	17.7	21.7	26.6	19.5	7.9	13.9	4.5	19.4	12.4
29	37.8		24.9	17.9	20.6	26.6	19.0	7.2	15.5	4.4	19.3	10.8
30	37.7		25.9	18.5	19.6	25.7	18.3	7.0	16.2	4.6	19.1	9.2
31	37.7		26.0		19.2		17.7	7.4		4.4		8.4

8:00 A.M. READINGS

1949
MISSISSIPPI RIVER
COTTONWOOD POINT, MO.

ZERO OF GAGE: 230.42 M.S.L. (230.50 M.G.L.) (BANKFULL 36')
834.8 R. MILES A.H.P.
LAT. 36° 03' 51" - LONG. 89° 41' 11"
GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

VERTICAL STAFF GAGE LOCATED ON SECOND DIKE ON LOW-WATER FERRY LANDING, 200 FEET ABOVE PBM COTTONWOOD.

HIGHEST: 36.30 ON 1,2 FEB.
LOWEST: 0.80 ON 4 OCT.
PERIOD OF RECORD: 16 NOVEMBER 1879 TO 31 MAY 1885 AND 24 OCT. 1888 TO DATE.
HIGHEST FOR PERIOD OF RECORD: 44.40 ON 6-7 FEB. 1937.
LOWEST FOR PERIOD OF RECORD: -3.45 ON 23 AUG. 1936 AND 26-27 OCT. 1939.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	22.7	36.3	35.3	31.4	16.4	13.2	15.9	8.4	4.1	1.9	8.5	3.2
2	21.5	36.3	35.1	32.4	16.2	13.2	16.4	7.4	4.6	1.6	8.2	3.6
3	20.3	36.2	34.7	32.9	16.2	13.2	16.4	7.3	4.6	1.0	9.2	4.9
4	19.2	36.0	34.4	33.3	16.5	13.0	15.8	7.4	4.4	0.8	9.8	5.1
5	18.7	35.9	33.8	33.5	17.1	12.4	15.4	7.4	4.3	1.0	9.8	4.7
6	19.6	35.8	33.0	33.4	17.6	11.3	14.9	7.3	4.1	1.9	9.6	4.6
7	21.7	35.6	31.9	33.0	17.7	11.3	13.6	7.0	4.2	3.7	9.6	4.6
8	24.1	35.5	30.7	32.4	17.2	12.7	12.2	6.5	4.0	5.8	9.8	4.8
9	25.8	35.2	29.4	31.5	16.4	13.7	11.0	6.2	3.0	6.6	9.6	5.0
10	26.9	34.9	27.8	30.3	15.5	13.9	9.8	6.2	2.4	6.9	9.4	4.5
11	27.9	34.4	26.8	28.6	15.0	13.5	9.0	5.8	2.2	7.0	8.9	2.9
12	28.6	33.9	26.8	27.1	14.9	12.5	9.4	4.9	2.0	6.7	6.9	3.0
13	29.3	33.3	27.3	25.5	14.6	11.5	10.6	4.0	2.0	6.3	4.6	4.9
14	29.8	32.7	27.8	24.6	14.0	10.8	12.3	4.0	1.9	6.8	4.3	8.3
15	30.3	32.2	28.2	23.7	13.2	10.8	13.4	4.3	3.0	7.6	4.4	11.7
16	30.8	31.8	28.3	23.6	12.6	11.0	14.4	5.0	5.7	7.8	4.2	15.2
17	30.9	31.8	28.2	23.8	11.9	12.1	14.9	6.2	7.7	7.8	3.5	17.1
18	31.0	31.8	28.0	23.8	10.9	14.7	15.3	6.5	8.9	7.6	2.8	18.3
19	30.9	32.1	27.7	23.6	10.2	17.7	15.9	6.7	9.4	7.5	2.8	19.3
20	30.7	32.4	27.5	23.4	9.8	19.8	16.4	7.0	9.1	7.2	2.7	20.3
21	30.5	32.6	27.2	23.2	9.4	21.0	16.4	7.8	8.8	7.2	2.7	20.8
22	30.2	32.9	26.8	23.2	9.2	21.1	16.4	7.4	8.1	7.1	2.6	21.0
23	29.7	33.3	26.3	23.0	8.9	20.3	16.6	6.9	7.4	7.1	2.8	21.2
24	29.4	33.8	25.8	22.6	9.1	18.9	17.0	6.8	6.6	8.7	2.7	21.6
25	29.6	34.4	25.3	21.7	9.6	17.1	16.5	6.9	5.5	11.2	2.6	22.3
26	30.7	34.9	25.2	20.5	10.2	15.6	15.7	6.6	4.2	13.4	2.4	23.0
27	32.0	35.3	25.6	19.1	11.1	14.7	14.8	5.5	3.5	13.9	2.2	23.1
28	33.1	35.4	26.9	18.0	12.0	13.9	14.0	4.4	3.0	13.0	2.3	22.6
29	34.0		28.4	17.3	12.8	13.8	13.1	3.8	2.9	12.1	2.5	22.0
30	34.7		29.7	16.7	12.9	14.8	12.0	3.2	2.5	11.0	2.5	21.5
31	35.9		30.7		13.1		10.2	3.4		9.9		21.1

8:00 A.M. READINGS

1948
MISSISSIPPI RIVER
COTTONWOOD POINT, MO.

ZERO OF GAGE: 230.42 M.S.L. (230.50 M.G.L.) (BANKFULL 36')
834.8 R. MILES A.H.P.
LAT. 36° 03' 51" – LONG. 89° 41' 11"
GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

VERTICAL STAFF GAGE LOCATED ON SECOND DIKE ON LOW-WATER FERRY LANDING, 200 FEET ABOVE PBM COTTONWOOD.

HIGHEST: 37.15 ON 4-5 APRIL.
LOWEST: -1.40 ON 4 OCTOBER.
PERIOD OF RECORD: 16 NOVEMBER 1879 TO 31 MAY 1885 AND 24 OCTOBER 1888 TO DATE.
HIGHEST FOR PERIOD OF RECORD: 44.40 ON 6-7 FEBRUARY 1937.
LOWEST FOR PERIOD OF RECORD: -3.45 ON 23 AUGUST 1936 AND 26-27 OCT. 1939.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	2.2	3.8	31.9	36.3	33.5	9.2	16.9	19.0	2.1	-0.2	-0.8	14.0
2	2.0	3.0	31.5	36.7	32.6	8.1	16.6	18.3	2.2	-0.9	-1.0	15.4
3	5.4	2.5	31.1	37.0	31.2	7.4	15.9	16.8	1.8	-1.3	-1.0	16.9
4	9.7	2.6	31.0	37.15	28.6	6.9	15.6	14.6	1.7	-1.4	-0.6	17.8
5	11.9	2.8	31.4	37.15	25.4	6.6	15.6	13.2	1.2	-1.2	0.5	18.6
6	13.0	3.1	32.0	37.0	22.0	6.4	15.2	13.0	1.0	-0.2	1.4	19.6
7	13.6	3.3	32.4	36.8	19.5	6.4	14.3	12.8	0.2	-0.3	3.3	20.9
8	14.2	4.8	32.6	36.6	17.8	5.8	13.5	12.0	0.1	-0.5	6.2	21.6
9	14.3	6.6	32.6	36.2	17.5	5.4	12.9	11.3	0.2	-1.0	7.9	21.6
10	14.4	8.0	32.5	35.8	17.6	5.2	12.0	10.9	0.4	-1.0	8.6	20.8
11	14.4	8.9	32.2	35.3	17.8	5.2	10.9	10.6	1.7	-1.0	8.6	19.5
12	14.4	9.4	31.8	34.9	18.2	5.8	10.1	10.0	1.4	-1.1	9.0	18.0
13	14.0	10.6	31.2	34.7	18.8	6.2	9.4	9.4	0.6	-0.8	9.2	16.2
14	13.4	12.7	29.8	34.4	19.6	6.2	8.5	8.8	0.2	0.3	8.6	14.7
15	12.4	16.0	27.2	34.4	20.0	5.8	7.8	8.3	0.7	0.3	7.2	13.4
16	11.7	20.0	24.1	34.4	20.2	5.9	6.9	7.0	0.8	-0.2	6.7	12.1
17	10.7	23.2	21.5	34.4	20.5	6.3	6.3	6.1	0.7	-1.0	6.6	11.5
18	9.8	25.4	20.4	34.5	21.5	6.8	6.9	6.0	0.0	-1.0	6.2	12.9
19	9.3	27.5	21.1	34.4	21.6	6.8	7.8	5.9	-0.3	-0.3	5.9	15.5
20	9.2	28.8	22.3	34.4	21.2	6.5	8.1	5.6	-0.6	0.4	6.0	18.3
21	9.2	29.9	23.5	34.4	20.7	6.7	8.7	4.8	-0.7	1.0	7.8	20.4
22	9.0	30.8	24.9	34.6	19.7	7.1	9.1	4.3	-0.4	1.1	9.8	21.8
23	8.5	31.5	26.4	34.7	18.8	7.8	9.8	4.2	-0.4	0.6	11.4	22.9
24	6.3	32.2	28.0	34.8	17.8	8.8	10.8	4.0	0.4	0.2	12.0	23.3
25	3.9	32.8	29.6	34.8	16.8	9.6	11.6	4.0	0.8	0.2	11.7	23.3
26	3.0	33.0	30.9	34.8	15.9	11.3	12.6	3.8	0.8	0.2	11.2	23.2
27	2.8	33.0	32.1	34.8	14.8	13.7	14.3	3.6	0.7	0.0	10.8	23.4
28	3.0	33.0	33.0	34.7	13.9	15.2	15.5	3.2	0.8	-0.4	11.0	23.9
29	3.5	32.6	33.9	34.4	13.0	16.4	17.4	2.3	1.0	-0.6	12.0	24.1
30	4.5		34.8	34.1	12.1	17.0	19.0	1.9	0.4	-0.7	12.9	24.0
31	4.5		35.5		10.8		19.3	1.8		-0.6		23.6

8:00 A.M. READINGS.

1947
MISSISSIPPI RIVER
COTTONWOOD POINT, MO.

ZERO OF GAGE: 230.42 M.S.L. (230.50 M.G.L.) (BANKFULL 36')
834.8 R. MILES A.H.P.
LAT. 36° 03' 51" - LONG. 89° 41' 11"
GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENNESSEE

VERTICAL STAFF GAGE LOCATED ON SECOND DIKE ON LOW-WATER FERRY LANDING, 200 FEET ABOVE PBM COTTONWOOD.

HIGHEST: 34.25 ON 22 APRIL.
LOWEST: -0.40 ON 20-21 OCTOBER.
PERIOD OF RECORD: 16 NOV. 1879 TO 31 MAY 1885 AND 24 OCT. 1888 TO DATE.
HIGHEST FOR PERIOD OF RECORD: 44.40 ON 6-7 FEB. 1937.
LOWEST FOR PERIOD OF RECORD: -3.45 ON 23 AUG. 1936 AND 26-27 OCT. 1939.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	10.0	28.0	7.9	16.9	32.6	27.4	29.3	9.6	5.5	2.4	1.5	4.6
2	11.4	27.4	7.6	17.7	32.8	27.4	29.3	9.5	4.6	2.0	2.1	4.6
3	12.9	26.7	7.4	18.7	33.0	27.6	29.4	9.3	4.0	1.3	2.2	4.4
4	15.6	26.0	7.3	19.8	33.1	27.8	29.7	8.8	4.0	1.0	3.0	3.6
5	18.1	25.4	7.3	20.7	33.0	28.0	30.1	8.5	4.0	0.5	3.6	2.4
6	20.2	25.0	7.2	21.4	32.8	28.0	30.6	8.3	4.2	0.2	3.3	2.0
7	22.0	24.5	7.0	21.7	32.6	28.0	31.1	7.7	4.2	0.5	3.3	1.3
8	23.3	23.8	7.3	22.3	32.0	28.0	31.4	7.5	3.6	0.8	3.6	0.9
9	24.2	22.9	8.3	23.9	31.4	28.0	31.1	7.3	3.3	0.6	4.0	2.5
10	24.7	21.9	9.2	25.6	30.6	28.0	30.8	7.2	4.0	0.8	4.3	4.6
11	24.4	20.7	10.0	27.1	29.6	28.0	30.4	7.0	4.6	0.8	4.1	5.9
12	23.2	19.4	10.7	28.4	28.4	28.0	30.0	7.0	5.2	0.6	4.0	7.3
13	21.9	17.6	11.3	29.6	27.1	28.1	29.5	7.4	5.2	0.2	4.1	8.0
14	20.5	15.8	11.8	30.4	25.7	28.5	28.9	7.1	4.7	0.0	3.6	7.9
15	19.0	13.9	12.1	31.2	24.5	29.1	28.0	5.9	3.5	0.3	3.4	7.4
16	17.5	12.1	12.4	32.0	23.2	29.8	26.9	5.1	2.5	0.9	3.4	6.7
17	16.5	10.2	12.6	32.8	21.9	30.6	25.4	5.3	2.8	0.8	3.9	6.4
18	16.6	7.9	14.1	33.2	20.6	31.2	23.7	5.6	3.1	0.2	4.7	6.8
19	17.8	7.8	16.2	33.7	19.4	31.8	21.6	5.2	3.0	-0.2	5.1	7.0
20	19.7	8.5	17.1	34.0	18.7	32.1	19.8	4.7	3.2	-0.4	5.1	7.0
21	21.6	8.8	17.5	34.2	18.3	32.2	18.6	5.0	3.2	-0.4	4.9	6.6
22	23.6	8.8	18.2	34.25	18.7	32.3	17.4	5.3	2.8	0.0	4.8	6.0
23	25.3	10.1	18.8	34.2	19.9	31.9	16.6	5.2	2.2	0.6	4.2	5.8
24	26.4	10.8	18.7	33.7	21.5	31.4	15.6	5.1	1.9	1.0	4.3	6.0
25	27.0	11.0	18.2	33.4	23.0	30.9	14.6	5.0	2.2	0.8	4.6	5.8
26	27.5	10.8	17.6	32.8	24.0	30.5	13.7	4.8	3.4	0.1	4.4	5.1
27	27.8	9.5	17.1	32.4	25.3	30.2	12.6	5.0	4.1	0.0	4.2	3.3
28	28.1	8.5	16.5	32.2	26.2	29.9	11.5	5.4	3.8	0.9	4.2	2.1
29	28.4		16.1	32.2	26.9	29.6	10.1	5.9	2.9	1.8	4.1	2.0
30	28.6		16.0	32.4	27.4	29.4	9.9	6.2	2.5	2.0	4.4	2.4
31	28.4		16.4		27.6		9.8	6.2		1.9		2.4

8:00 A.M. READINGS.

RIVER STAGES

Mississippi River Gauge at Cottonwood Pt., Mo. for the calendar year 1946

Zero elevation 230.50 feet above M.G.L.
230.42 " " M.S.L.

Bank full stage ..... feet on gauge A.H.P. Miles 834.8R

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

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	16.20	14.80	27.10	29.00	9.90	20.90	21.30	5.85	4.70	3.90	5.75	12.10	1
2	16.20	13.25	25.50	29.10	10.20	19.70	20.25	6.00	4.30	4.10	5.85	11.40	2
3	15.80	12.45	24.40	28.90	12.10	18.80	19.00	6.40	3.40	4.45	6.00	10.30	3
4	15.80	11.85	23.10	28.50	13.40	18.30	17.95	5.75	3.20	3.70	7.90	9.40	4
5	15.85	11.70	21.70	28.00	14.20	18.10	16.45	5.65	3.60	3.60	11.80	8.70	5
6	15.70	12.85	20.30	26.90	14.60	18.70	15.35	5.55	3.40	3.50	14.60	7.90	6
7	15.35	14.55	19.50	25.60	15.10	19.60	14.35	5.90	2.80	3.35	15.90	6.80	7
8	15.50	16.75	19.30	24.30	16.10	20.60	13.75	7.20	2.00	3.20	16.10	5.85	8
9	19.00	19.05	20.10	22.80	16.90	21.60	13.50	7.80	1.70	3.00	15.50	5.20	9
10	24.45	20.75	21.80	21.60	17.20	22.00	13.45	7.45	1.50	2.60	14.80	4.90	10
11	28.10	22.50	23.30	20.40	17.10	21.90	13.35	6.85	1.50	1.80	13.80	4.80	11
12	30.20	23.90	24.20	19.70	16.90	21.40	13.35	6.60	2.80	1.35	13.00	4.70	12
13	31.80	25.00	24.60	19.00	17.25	20.40	13.35	5.70	4.90	1.30	13.10	4.90	13
14	33.50	26.00	25.00	17.50	17.65	19.10	12.75	5.10	5.70	1.80	13.80	6.75	14
15	35.00	27.50	24.90	15.80	18.10	17.45	12.50	4.85	5.35	2.40	14.40	9.35	15
16	36.10	29.20	24.60	14.60	18.10	15.65	12.05	4.65	5.00	2.50	13.90	10.70	16
17	36.80	30.40	24.00	13.90	17.70	14.05	11.25	4.70	5.00	2.00	13.00	12.10	17
18	37.15	31.10	23.80	13.10	18.20	13.25	11.10	7.80	5.35	2.50	12.30	13.20	18
19	37.30	31.60	23.70	12.90	19.00	12.65	10.70	12.90	5.10	3.50	12.10	13.75	19
20	37.33	31.85	24.10	12.80	20.10	12.45	10.20	16.00	4.10	4.75	13.10	13.80	20
21	37.30	32.10	24.70	12.90	21.50	13.15	9.70	16.40	3.80	5.90	13.30	13.40	21
22	37.00	32.30	25.10	12.90	22.80	14.45	9.70	16.30	3.60	6.40	12.60	12.60	22
23	36.60	32.35	25.70	12.60	23.50	16.65	10.40	15.90	3.25	6.50	11.80	11.30	23
24	35.90	32.00	26.50	12.00	23.70	18.60	11.35	15.00	3.25	7.20	11.30	9.40	24
25	35.00	31.50	27.05	11.50	23.40	20.20	11.70	13.00	3.70	7.40	10.80	8.10	25
26	33.60	30.70	27.50	10.90	23.70	21.60	11.25	11.20	3.70	7.50	10.25	7.60	26
27	31.60	29.70	27.70	10.20	24.10	22.40	10.30	9.60	3.85	7.60	9.75	7.50	27
28	28.50	28.60	28.00	9.60	24.10	22.60	8.90	8.30	4.00	6.90	10.20	7.70	28
29	24.50		28.50	9.50	23.70	22.55	7.60	6.90	3.60	5.70	11.40	7.70	29
30	20.40		28.80	9.80	23.10	22.00	6.90	5.70	4.00	5.60	11.90	7.30	30
31	17.20		29.00		22.10		6.50	5.10		5.65		8.30	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings:
Highest: 37.38 at 4:00 p.m. on 20 Jan.
Lowest: 1.30 on 13 Oct.
Period of record: 16 Nov. 1879 to 31 May 1885 and 24 Oct. 1888 to date.
Highest for period of record: 44.40 on 6-7 Feb. 1937.
Lowest for period of record: -3.45 on 23 Aug. 1936 and 26-27 Oct. 1939.

RIVER STAGES

Mississippi River Gauge at Cottonwood Pt., Mo. for the calendar year 1945

Zero elevation 230.50 feet above MGL

Bank full stage ..... feet on gauge AHP Miles 834.8 R

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

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	14.80	7.55	31.35	37.60	31.00	29.10	30.00	7.90	4.60	16.45	6.20	16.60	1
2	17.25	6.25	31.90	37.80	30.55	28.10	28.00	8.20	3.40	17.90	5.80	15.90	2
3	19.80	5.95	32.50	37.90	29.90	26.90	25.80	8.50	2.70	19.40	4.80	15.00	3
4	21.90	5.85	33.00	38.00	29.30	25.80	23.80	8.90	2.35	20.10	4.20	13.90	4
5	23.40	5.50	33.70	38.00	28.90	24.80	22.70	9.50	2.25	20.00	4.20	12.90	5
6	24.40	4.85	34.30	37.97	28.10	23.70	22.25	9.50	2.80	19.80	4.70	12.24	6
7	24.90	4.55	35.10	37.90	26.90	22.50	21.80	9.10	2.80	19.50	5.10	11.90	7
8	25.10	4.15	35.90	37.65	25.40	21.50	21.40	9.00	2.90	19.00	5.40	12.40	8
9	25.10	3.95	36.65	37.30	24.30	21.40	20.30	9.60	2.55	17.90	5.60	13.50	9
10	25.10	4.35	37.35	36.90	23.40	22.25	18.90	10.00	2.30	16.50	6.10	14.60	10
11	24.95	4.85	37.80	36.40	22.90	23.90	17.40	9.00	2.40	15.20	6.90	15.10	11
12	24.60	5.05	37.98	35.80	23.40	25.60	16.40	8.00	3.20	14.40	7.70	14.70	12
13	24.20	5.25	37.98	35.10	24.25	26.80	16.00	8.70	3.50	13.90	8.00	14.70	13
14	23.50	5.85	37.95	34.50	24.50	27.55	15.40	8.85	3.55	13.50	8.10	14.80	14
15	22.60	7.65	37.90	33.90	24.30	28.50	14.30	9.20	3.65	12.90	8.80	14.80	15
16	21.50	9.65	37.80	33.65	23.90	29.25	13.50	9.10	3.80	12.00	9.70	13.80	16
17	20.30	11.60	37.75	33.60	23.70	29.95	12.90	9.15	4.40	10.90	10.30	14.00	17
18	19.10	13.00	37.78	33.60	24.55	30.45	12.20	8.90	4.30	9.00	10.90	15.20	18
19	18.10	15.70	37.80	33.50	25.50	30.95	11.80	8.40	4.80	6.80	11.25	15.35	19
20	17.40	19.00	37.95	33.50	26.20	31.30	11.65	8.50	4.75	6.10	11.20	15.00	20
21	16.80	21.70	38.05	33.40	26.90	31.45	11.60	8.60	4.75	5.55	11.10	14.10	21
22	16.40	23.90	38.15	33.35	27.70	31.60	11.30	8.40	4.50	5.30	11.05	12.60	22
23	16.10	25.80	38.18	33.25	28.55	31.75	10.50	7.80	4.75	5.20	11.60	10.80	23
24	16.00	27.20	38.15	33.15	29.30	31.90	9.50	7.30	5.00	5.70	13.00	9.00	24
25	15.60	28.15	38.15	33.10	30.00	32.00	9.00	6.40	5.70	6.00	14.80	7.30	25
26	15.00	28.85	38.15	33.00	30.65	32.05	9.20	6.30	7.40	5.80	16.00	7.70	26
27	14.00	29.70	37.90	32.80	31.00	32.10	9.50	6.50	10.60	5.40	16.70	8.50	27
28	12.70	30.60	37.80	32.55	31.05	32.00	9.50	6.80	12.40	5.60	17.10	10.00	28
29	11.60		37.70	32.10	30.90	31.80	9.30	6.40	13.80	6.30	17.50	11.50	29
30	10.40		37.60	31.55	30.50	31.15	8.80	5.40	15.20	6.60	17.00	13.90	30
31	9.05		37.60		29.90		8.20	5.40		6.50		15.45	31
Sum													
Mean													
High													
Low													

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.

Remarks: 8:00 a.m. readings
Highest: 38.18 on 23 March
Lowest: 2.25 on 5 Sept.
Period of record: 16 Nov. 1879 to 31 May 1885 and 24 Oct. 1888 to date.
Highest for period of record: 44.40 on 6-7 Feb. 1937.
Lowest for period of record: -3.45 on 23 Aug. 1936 and 26-27 Oct. 1939.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1944

Zero Elevation 230.50 feet above M.G.L.

Bank full stage ..... feet on gauge. A.H.P. Miles 834.8 R

M.R.C.3M.11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	2.90	3.20	21.50	30.70	36.85	20.90	19.20	7.20	7.10	4.45	2.05	5.05	1
2	3.10	3.45	23.55	31.25	36.80	21.50	19.40	7.20	8.70	4.45	2.05	5.25	2
3	3.60	4.25	25.00	31.60	36.70	22.10	19.20	7.50	10.80	5.65	2.05	5.20	3
4	4.10	5.00	26.00	32.00	36.60	22.60	18.50	7.65	12.10	7.05	1.85	5.20	4
5	4.40	5.30	26.70	32.30	36.55	22.80	17.90	7.40	12.50	8.95	1.80	5.25	5
6	5.40	5.35	27.30	32.50	36.40	22.80	17.10	6.40	11.55	8.40	1.70	5.05	6
7	7.30	5.30	27.80	32.55	36.30	22.40	16.60	5.50	10.60	8.45	1.65	4.55	7
8	8.30	5.10	28.20	32.40	36.30	21.80	16.40	5.00	10.65	8.65	1.75	4.05	8
9	8.70	3.80	28.60	31.90	36.30	21.00	16.00	4.80	9.70	8.95	2.05	3.70	9
10	8.60	2.70	28.90	31.00	36.35	20.00	15.70	5.20	8.65	9.15	2.55	3.70	10
11	8.60	2.90	29.10	29.60	36.10	19.00	15.30	5.50	7.65	8.75	3.20	4.55	11
12	8.70	4.40	29.10	28.00	35.70	18.10	15.20	5.65	6.25	7.95	3.50	6.95	12
13	8.90	7.00	29.00	27.35	35.30	17.30	14.80	6.30	6.05	7.45	3.40	8.25	13
14	8.90	8.30	28.90	27.80	34.70	16.70	14.35	6.00	5.95	6.75	3.05	8.75	14
15	8.10	8.55	28.65	29.20	34.00	15.90	14.00	5.50	5.25	6.05	2.95	8.55	15
16	5.20	8.20	28.30	30.60	33.40	15.70	13.70	5.00	4.55	5.15	2.70	7.85	16
17	3.30	8.00	27.60	31.70	32.70	15.90	12.75	4.90	3.95	4.75	2.35	7.05	17
18	3.10	7.10	26.50	33.00	31.80	16.00	11.80	4.60	3.45	4.85	2.25	6.45	18
19	3.30	7.30	25.70	34.00	30.40	16.20	11.50	4.50	2.85	4.05	2.05	5.85	19
20	3.50	8.80	25.30	34.95	28.50	16.25	11.20	4.85	2.75	3.35	2.30	4.25	20
21	3.50	10.75	25.60	35.50	26.00	16.30	10.50	5.25	2.75	2.75	3.25	3.45	21
22	3.45	12.70	26.70	35.90	23.90	16.50	10.30	5.20	2.55	2.10	3.35	3.65	22
23	3.40	14.00	28.00	36.00	22.10	16.30	10.00	5.20	2.15	1.80	3.65	4.05	23
24	3.60	15.00	29.05	36.05	20.70	16.10	9.70	5.10	2.05	2.95	3.95	4.35	24
25	3.70	16.00	29.85	36.10	20.00	16.30	9.30	5.60	2.45	3.55	4.35	4.45	25
26	3.70	17.00	30.20	36.25	19.50	17.20	9.20	6.00	2.80	3.85	4.45	4.50	26
27	3.40	18.20	30.35	36.50	19.20	17.70	9.00	5.80	3.25	4.25	4.85	4.95	27
28	3.00	19.10	30.10	36.65	19.20	18.10	8.70	5.20	3.05	4.85	4.95	5.75	28
29	2.65	20.00	30.05	36.75	19.45	18.50	8.50	5.40	3.45	4.90	4.45	7.35	29
30	2.60		30.00	36.85	19.90	18.90	8.20	6.00	4.20	4.30	4.35	9.20	30
31	2.70		30.20		20.40		7.70	6.30		3.05		12.10	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings. (Central War Time).
Highest: 36.85 on 30 April and 1 May.
Lowest: 1.65 on 6-7 November.
Period of record: 16 November 1879 to 31 May 1885 and 24 October 1888 to date.
Highest for period of record: 44.40 on 6-7 February 1937.
Lowest for period of record: -3.45 on 23 August 1936 and 26-27 October 1939.

RIVER STAGES

MISSISSIPPI River Gauge at COTTONWOOD PT., MO. for the calendar year 1943

Zero elevation 230.50 feet above M.G.L.

Bank full stage ..... feet on gauge A.H.P. MILES 834.8 R

N.R.C.5M.6-0-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	27.50	14.95	12.90	35.70	29.90	37.30	24.85	11.30	5.80	2.70	2.40	2.55	1
2	29.50	14.85	12.85	35.73	30.00	37.20	24.95	11.50	6.15	2.25	2.70	2.30	2
3	31.00	14.95	13.15	35.60	29.90	37.00	24.80	12.25	6.25	2.30	3.00	2.20	3
4	32.00	15.55	13.55	35.45	29.40	36.75	24.40	12.65	5.85	1.90	2.90	2.00	4
5	33.10	16.55	13.95	35.10	28.40	36.30	23.50	12.75	5.15	1.85	3.40	1.85	5
6	34.00	17.85	14.35	34.15	26.70	35.60	22.30	12.95	5.15	2.00	3.20	2.00	6
7	34.55	19.10	14.15	33.10	24.40	34.80	21.20	12.90	5.20	1.80	2.55	2.10	7
8	34.67	20.80	13.65	31.60	22.00	33.70	20.20	12.90	5.60	1.85	2.90	2.15	8
9	34.70	22.30	13.15	29.10	19.80	32.40	19.40	12.35	5.80	2.00	3.70	1.95	9
10	34.70	23.70	12.45	26.40	18.50	31.10	18.90	12.30	5.20	1.90	3.70	1.80	10
11	34.73	24.60	11.95	24.00	18.30	29.90	18.70	12.85	5.20	1.80	3.70	1.75	11
12	34.82	25.30	11.80	22.20	19.70	29.10	18.85	13.85	5.00	1.70	4.50	1.90	12
13	34.82	25.50	12.65	20.60	22.50	28.50	18.85	14.20	4.75	1.60	4.70	1.85	13
14	34.80	25.50	14.70	19.50	24.00	28.00	18.80	13.85	4.85	1.65	5.40	2.30	14
15	34.60	25.30	17.30	19.15	25.10	27.70	18.60	11.45	5.50	1.50	5.80	2.65	15
16	34.30	25.05	20.10	19.30	26.10	27.40	18.30	9.55	5.85	1.70	5.85	2.80	16
17	33.00	24.70	21.80	19.70	27.00	27.20	18.00	9.30	5.35	1.40	5.60	2.95	17
18	31.50	24.10	23.00	20.20	27.90	27.00	17.65	9.65	5.00	1.40	4.70	2.85	18
19	29.20	23.40	24.30	20.55	28.55	26.80	17.05	9.95	4.95	2.15	4.55	2.60	19
20	25.90	22.65	25.80	20.80	29.40	26.55	16.65	10.15	4.80	2.55	4.85	1.90	20
21	22.00	21.85	27.80	21.30	30.30	26.30	16.40	10.30	4.50	2.10	4.80	1.45	21
22	18.20	20.80	29.20	21.95	31.25	26.10	16.45	10.25	4.40	1.60	4.65	1.30	22
23	15.15	19.50	30.50	23.00	32.40	26.00	15.85	9.65	4.50	1.50	4.30	0.90	23
24	13.55	18.20	31.60	24.10	33.50	26.00	14.85	8.95	4.90	1.50	3.90	0.65	24
25	12.80	16.85	32.60	25.50	34.40	26.00	13.55	7.95	5.10	2.10	3.70	0.45	25
26	12.90	15.65	33.50	26.70	35.20	25.90	12.85	6.75	4.70	2.60	3.60	0.35	26
27	13.25	14.40	34.20	27.90	35.65	25.50	12.45	6.25	4.40	2.80	3.50	0.35	27
28	13.85	13.35	34.70	28.60	36.25	25.00	11.85	5.85	4.00	2.85	3.00	0.60	28
29	14.35		35.00	29.20	36.70	24.80	11.45	5.60	3.50	3.70	3.20	1.25	29
30	14.85		35.35	29.65	36.90	24.75	11.20	5.55	2.80	3.50	3.10	2.50	30
31	15.00		35.55		37.10		11.15	5.65		2.70		3.20	31
Sum													
Mean													
High													
Low													

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

HIGHEST: 37.30 ON 1 JUNE.

LOWEST: 0.35 ON 26 DEC.

PERIOD OF RECORD: 16 NOV.1879 TO 31 MAY 1885 AND FROM 24 OCT.1888 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 44.40 ON 6-7 FEB.1937.

LOWEST FOR PERIOD OF RECORD: -3.45 ON 23 AUG.1936 AND 26-27 OCT.1939.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1942

Zero elevation 230.50 feet above M.G.L.

Bank full stage ..... feet on gauge A.H.P. Miles 834.8 R

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

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	14.90	9.40	23.00	28.50	10.60	20.30	26.20	7.65	12.35	7.85	5.25	18.95	1
2	15.00	10.00	22.30	27.00	9.50	20.60	26.60	6.90	12.10	8.30	5.45	18.60	2
3	15.10	10.80	21.00	25.70	8.80	20.10	26.75	6.70	11.40	8.55	6.35	17.90	3
4	15.30	11.00	19.30	24.30	8.50	19.30	26.60	6.75	9.00	8.90	7.05	17.05	4
5	15.35	10.80	17.40	23.00	8.80	17.90	26.40	7.00	7.30	9.40	7.85	16.45	5
6	14.90	10.45	15.60	21.80	9.30	15.50	26.00	7.90	6.35	9.90	8.25	16.15	6
7	14.00	10.20	14.30	20.30	9.55	12.85	25.45	8.60	5.80	10.00	8.25	16.05	7
8	13.00	11.80	13.40	19.10	9.80	11.50	24.70	9.20	5.80	9.15	8.60	16.15	8
9	12.00	14.40	13.20	18.60	10.80	11.40	23.70	10.40	6.05	8.40	9.30	16.75	9
10	10.40	17.30	13.60	19.50	11.90	11.50	22.80	11.80	6.15	8.55	9.80	17.45	10
11	8.90	19.70	14.90	22.30	13.20	12.30	22.30	12.60	6.35	8.75	10.15	18.20	11
12	7.80	21.40	15.80	25.10	14.20	13.00	21.95	12.90	7.15	9.25	10.40	18.10	12
13	6.70	22.40	16.45	27.20	14.70	13.90	21.65	13.10	8.45	9.35	10.45	17.55	13
14	5.40	22.60	17.00	28.80	14.60	14.40	21.25	13.20	9.50	8.85	10.75	16.65	14
15	3.60	22.30	18.50	29.90	14.20	15.60	20.95	13.20	10.10	7.85	11.25	15.65	15
16	1.60	21.90	20.90	30.50	13.70	16.60	20.45	13.25	10.20	7.15	11.30	14.55	16
17	0.60	21.50	23.20	30.80	13.80	17.50	19.85	13.15	9.90	6.65	11.20	13.25	17
18	0.90	21.55	24.90	30.70	14.85	18.40	19.35	13.05	9.05	6.45	11.05	12.10	18
19	2.30	22.00	26.20	30.40	16.20	19.10	19.05	12.70	8.15	6.65	11.10	11.00	19
20	3.10	22.80	27.40	29.90	17.30	19.60	18.75	12.00	7.50	6.95	11.10	10.20	20
21	3.40	23.40	28.60	29.30	17.80	19.80	17.80	10.40	7.75	7.05	11.00	9.70	21
22	4.50	23.60	29.60	28.60	18.40	20.00	15.50	8.60	8.15	7.30	11.10	9.55	22
23	5.30	23.50	30.30	27.80	19.00	20.60	13.40	8.45	8.45	7.35	11.20	9.80	23
24	5.90	23.10	30.80	26.60	19.50	21.70	12.60	9.50	8.65	7.05	11.80	10.00	24
25	6.70	22.90	31.10	25.00	19.55	22.70	12.20	11.00	8.85	6.85	12.85	10.05	25
26	8.10	23.10	31.40	23.00	19.30	23.50	11.90	11.35	9.20	6.65	14.35	10.35	26
27	8.70	23.10	31.41	20.90	18.80	24.20	11.60	11.20	8.65	6.45	16.05	11.00	27
28	8.70	23.10	31.30	18.30	18.25	24.75	11.15	11.20	8.05	5.85	17.35	12.05	28
29	9.00		30.90	15.70	17.90	25.30	10.50	11.40	7.85	4.45	18.30	14.05	29
30	9.80		30.40	13.10	18.15	25.75	9.60	11.70	7.85	3.75	18.70	19.10	30
31	10.20		29.60		19.30		8.70	12.10		4.55		24.20	31
Sum													
Mean													
High													
Low													

Time Basis: Standard Time prior to 2:00 a.m., Feb.9,1942; War Time thereafter.
To convert War Time to Standard Time, subtract one hour.

Remarks: 8:00 a.m. readings.
Highest: 31.41 on Mar.27.
Lowest: 0.59 on Jan.17.
Period of record: Nov.16,1879 to May 31,1885 and from Oct.24,1888 to date.
Highest for period of record: 44.40 on Feb.6-7,1937.
Lowest for period of record: -3.45 on Aug.23,1936 and Oct.26-27,1939.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1941

Zero elevation 230.50 feet above M.G.L.

Bank full stage 36 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	4.75	12.95	3.80	8.85	17.80	1.80	7.65	2.90	2.60	5.75	15.10	10.00	1
2	5.35	13.85	3.60	9.45	16.60	1.65	7.40	2.75	2.50	5.15	15.65	9.50	2
3	6.25	14.05	3.00	9.65	15.30	1.95	7.10	3.30	2.25	4.45	16.55	8.90	3
4	6.75	13.85	2.50	9.35	13.50	2.65	6.55	3.70	2.00	4.05	17.75	8.20	4
5	7.75	13.25	2.20	9.15	12.60	3.40	7.30	3.60	2.00	4.35	18.75	7.40	5
6	9.35	12.60	1.90	9.25	11.70	4.80	9.00	2.40	1.60	5.05	19.35	6.90	6
7	11.25	11.65	2.00	9.35	10.90	6.30	9.95	1.70	2.60	5.75	19.65	6.50	7
8	12.85	10.70	2.10	10.15	10.20	7.65	11.25	1.70	3.50	8.25	19.95	6.30	8
9	13.55	9.75	2.40	11.75	9.80	8.75	11.85	0.90	4.05	11.75	20.35	6.20	9
10	13.60	8.95	3.00	13.45	9.20	10.15	11.95	00.00	4.35	14.35	20.75	5.80	10
11	13.05	7.35	3.70	15.05	8.90	10.85	11.85	0.00	3.90	15.85	21.05	5.45	11
12	12.25	5.75	4.15	16.15	8.70	11.95	11.85	-0.40	3.60	16.25	21.18	5.35	12
13	11.25	4.65	5.35	16.65	8.80	13.75	12.05	-0.70	3.85	16.35	20.85	5.50	13
14	10.25	4.20	6.25	16.90	8.30	15.75	12.50	-00.91	3.85	16.25	19.95	5.40	14
15	9.25	4.05	6.85	17.05	7.70	18.00	12.95	-0.65	4.95	16.15	18.65	4.90	15
16	8.15	3.25	7.75	17.05	7.30	19.70	13.15	-0.15	6.80	16.45	16.85	4.50	16
17	6.25	3.25	8.60	16.95	6.60	20.60	13.15	-0.60	7.65	17.15	15.25	5.00	17
18	3.90	4.15	9.45	16.55	5.65	20.50	12.65	0.35	7.35	17.45	13.75	5.60	18
19	3.00	4.55	10.35	16.05	5.40	19.90	10.45	1.60	6.95	17.15	12.85	6.00	19
20	3.60	4.75	11.15	15.80	5.65	19.20	8.00	1.50	6.65	16.55	11.85	6.00	20
21	4.45	5.15	11.75	16.00	6.25	18.70	8.20	2.40	6.40	15.65	10.85	5.90	21
22	5.25	5.95	11.95	17.00	6.65	18.40	8.40	2.00	6.35	14.65	9.85	5.60	22
23	6.15	6.75	11.66	18.20	6.55	18.30	8.10	1.50	6.35	13.85	9.15	4.80	23
24	7.50	7.05	11.21	19.10	5.65	17.80	8.10	1.40	6.70	13.05	8.85	5.00	24
25	7.55	6.65	10.56	20.10	4.25	17.10	8.30	1.15	7.25	12.65	8.85	5.70	25
26	7.95	4.85	9.86	20.70	3.40	15.95	8.70	0.50	7.35	12.75	9.25	6.40	26
27	8.85	3.80	8.86	20.83	3.10	14.45	8.85	-0.30	7.05	13.45	10.05	7.40	27
28	9.65	3.55	8.06	20.75	2.80	11.85	7.10	-0.30	6.55	14.05	10.25	10.00	28
29	10.15		8.36	20.10	2.30	9.55	4.50	0.10	6.35	14.35	10.30	12.00	29
30	10.70		8.66	19.00	1.95	8.10	3.60	1.20	6.15	14.75	10.25	13.50	30
31	11.70		8.81		1.90		3.30	2.50		15.15		14.40	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings.

Highest: 20.83 on April 27, and 21.18 on Nov. 12.

Lowest: -0.91 on Aug. 14.

Period of record: Nov. 16, 1879 to May 31, 1885, and from Oct. 24, 1888 to date.

Highest for period of record: 44.40 on Feb. 6,7, 1937.

Lowest for period of record: -3.45 on Aug. 23, 1936, and on Oct. 26,27, 1939

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1940

Zero elevation 230.50 feet above M.G.L.

Bank full stage ..... feet on gauge

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

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	-1.50	-1.70	17.35	11.95	31.10	9.60	12.05	2.10	4.75	0.30	-2.65	2.70	1
2	-1.30	-1.50	16.00	12.65	31.40	9.85	11.95	1.60	5.10	0.50	-2.35	3.60	2
3	-1.20	-0.30	15.00	13.45	31.80	10.60	11.45	1.50	6.20	0.10	-1.80	4.10	3
4	-1.80	1.30	14.30	13.95	32.00	10.95	10.95	1.60	7.10	-0.70	-1.40	4.05	4
5	-2.30	0.50	14.15	14.65	32.09	11.35	10.85	1.50	8.35	-1.00	-0.60	3.90	5
6	-2.70	-0.10	14.50	15.95	32.05	11.65	11.15	1.25	9.30	-1.20	0.40	4.10	6
7	-3.20	0.00	16.00	17.95	31.75	12.05	11.30	1.65	9.00	-1.80	0.90	4.40	7
8	-3.10	-0.40	18.05	19.55	31.00	12.45	11.05	2.10	8.00	-2.10	1.00	4.20	8
9	-2.20	-0.20	20.10	20.85	29.70	12.80	10.35	2.70	7.30	-1.60	0.60	3.10	9
10	-1.60	-0.60	21.55	21.95	27.25	13.15	9.75	2.75	5.90	-1.95	0.35	1.40	10
11	-1.60	-0.65	22.25	22.55	23.75	13.10	9.20	3.00	4.30	-2.00	-0.50	1.50	11
12	-1.60	-0.40	22.45	22.55	20.55	12.80	9.10	2.60	3.50	-1.90	-0.45	1.70	12
13	-1.35	0.60	22.55	22.55	17.55	12.20	9.35	1.90	3.20	-2.00	0.20	1.80	13
14	-1.70	3.20	22.75	22.35	15.25	11.50	9.25	1.50	2.60	-2.10	0.45	2.30	14
15	-2.30	5.20	23.15	21.85	13.25	11.40	7.40	1.25	1.90	-2.10	0.35	3.30	15
16	-1.90	7.00	23.60	21.25	11.95	12.00	5.90	1.30	1.35	-2.15	-0.10	3.80	16
17	-1.20	9.00	23.75	20.95	10.15	12.50	5.85	1.10	1.70	-2.25	-0.15	3.90	17
18	-0.70	10.70	23.40	20.85	8.65	12.40	6.10	2.30	1.10	-2.20	0.30	4.25	18
19	0.50	12.10	22.60	21.05	7.95	12.10	6.40	4.30	0.60	-2.30	0.50	4.70	19
20	1.00	14.05	21.30	21.65	7.35	12.00	6.80	5.90	0.00	-2.15	0.30	5.30	20
21	1.50	15.90	19.80	23.15	6.95	11.90	7.10	7.00	-0.50	-2.30	0.30	6.40	21
22	1.40	17.60	18.30	25.35	6.70	11.80	6.80	8.40	-0.70	-2.35	-0.20	6.30	22
23	1.10	18.95	17.10	27.05	6.75	11.70	5.90	9.70	-1.00	-2.20	-0.10	6.30	23
24	0.95	19.90	16.05	28.05	6.70	11.50	5.00	10.25	-1.00	-2.45	-0.35	6.70	24
25	0.70	20.35	14.95	28.9	6.75	11.20	4.10	9.30	-1.20	-2.70	-0.40	7.50	25
26	0.10	20.45	13.95	29.4	7.35	10.80	3.35	7.00	-1.10	-2.81	0.50	7.85	26
27	-2.00	20.25	12.95	29.75	7.95	10.30	2.90	5.30	-0.85	-2.50	1.10	7.95	27
28	-2.20	19.70	12.25	30.1	8.35	10.10	2.40	4.80	-0.30	-2.60	1.10	7.75	28
29	-2.25	18.55	11.95	30.45	8.55	10.70	2.80	4.50	-0.40	-2.60	1.40	7.55	29
30	-2.10	-	11.75	30.8	9.15	11.60	2.70	4.10	-0.20	-2.20	2.00	7.30	30
31	-2.05	-	11.80	-	9.45	-	2.40	4.40	-	-2.15		6.00	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings

Highest 32.09, May 5.
Lowest -3.25, Jan. 7, 4:00 P.M.
" -2.81, Oct. 26.
Gage affected by ice floes and jams from Jan. 5 to Feb. 12, 1940.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1939.

Zero elevation 230.50 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	6.40	13.60	35.90	26.60	35.50	8.80	18.30	8.00	2.60	-2.35	-0.60	-2.45	1
2	7.40	16.80	35.70	25.60	35.20	9.20	17.80	8.10	2.30	-2.50	-0.30	-2.60	2
3	8.00	19.70	35.45	25.25	34.90	9.00	17.40	7.80	1.60	-2.70	-0.40	-2.70	3
4	8.00	22.30	35.10	25.30	34.50	8.90	16.60	7.40	0.90	-1.90	-0.10	-2.70	4
5	6.30	24.40	34.90	25.40	33.75	9.10	15.80	7.20	0.75	-2.10	-0.05	-2.65	5
6	4.80	26.00	34.75	25.50	32.50	9.30	15.00	7.50	0.50	-2.70	-1.00	-2.55	6
7	6.00	27.30	34.75	26.00	30.10	9.80	14.30	8.00	0.40	-3.00	-1.70	-2.40	7
8	7.40	28.50	34.80	26.90	27.00	10.40	13.80	7.50	0.10	-3.10	-2.00	-2.30	8
9	8.20	29.60	34.75	27.70	23.70	10.60	13.60	5.90	-0.40	-3.25	-2.10	-2.35	9
10	8.80	30.40	34.75	28.60	20.70	10.70	13.50	5.20	-0.90	-3.30	-2.20	-2.30	10
11	9.30	31.10	34.70	29.40	18.50	10.70	13.10	4.70	-0.90	-3.20	-2.30	-1.80	11
12	9.50	31.80	34.75	29.80	16.70	10.70	13.20	4.40	-0.90	-3.20	-2.35	-1.10	12
13	9.40	32.50	34.85	29.98	15.90	11.00	13.90	5.00	-1.10	-2.90	-2.50	-1.15	13
14	9.30	33.30	35.00	30.00	15.80	11.10	14.60	4.90	-1.20	-2.80	-2.70	-1.35	14
15	9.40	34.00	35.10	29.98	15.20	11.80	14.70	5.10	-1.30	-2.40	-2.75	-1.50	15
16	10.30	34.60	35.40	30.10	14.00	11.70	14.30	6.50	-1.45	-2.50	-2.40	-1.40	16
17	11.90	35.00	35.75	30.30	13.30	11.70	13.40	7.40	-1.20	-2.90	-2.20	-1.30	17
18	13.60	35.25	35.95	30.70	12.70	12.00	10.60	7.50	-1.60	-3.10	-2.30	-1.10	18
19	14.40	35.45	36.20	31.40	12.00	11.80	8.50	7.00	-1.50	-3.15	-2.30	-0.95	19
20	14.70	35.60	36.35	32.20	11.10	10.70	6.40	5.60	-0.80	-3.25	-2.15	-0.95	20
21	14.85	35.75	36.48	33.00	10.50	11.40	6.30	5.90	-0.75	-3.25	-2.10	-1.00	21
22	14.80	35.90	36.45	33.80	10.40	13.10	6.00	7.60	-0.80	-3.30	-2.15	-0.90	22
23	14.30	36.15	36.30	34.50	10.00	15.20	6.20	8.70	-1.10	-3.35	-2.10	-0.90	23
24	13.30	36.25	36.10	35.10	9.85	16.70	6.40	8.20	-1.20	-3.35	-2.05	-0.85	24
25	12.20	36.40	35.60	35.50	9.70	17.75	6.90	7.00	-1.60	-3.40	-2.15	0.20	25
26	11.10	36.40	35.20	35.80	9.40	18.50	7.30	5.50	-1.90	-3.45	-2.10	0.50	26
27	10.20	36.30	34.60	35.90	9.10	19.00	7.50	5.00	-1.95	-3.45	-2.00	0.55	27
28	9.60	36.20	33.80	35.90	9.10	19.15	7.80	5.10	-2.15	-3.20	-2.05	0.60	28
29	9.20	-	32.60	35.80	9.10	19.10	8.00	5.00	-2.30	-2.60	-2.25	0.80	29
30	8.90	-	30.70	35.65	9.00	18.80	8.20	4.40	-2.30	-2.10	-2.35	0.60	30
31	10.00	-	28.40		8.80		8.00	3.40		-1.30		-0.40	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

Gage inspected: May 18, June 5, Aug. 22, Nov. 21, 1939.

Highest reading, 36.48 on Mar. 21, 1939.

Lowest reading, -3.45 on Oct. 26 and 27, 1939.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1938

Zero elevation 230.50 feet above M.G.L.

Bank full stage ..... feet on gauge

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

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	18.9	20.7	24.2	29.9	23.4	29.3	18.5	17.5	5.9	11.2	1.1	6.8	1
2	18.4	21.5	23.7	30.7	22.0	29.6	18.2	18.3	5.7	11.1	1.6	5.0	2
3	17.5	21.9	23.3	31.4	20.4	29.6	17.8	18.9	5.6	11.0	1.3	4.7	3
4	16.5	22.2	22.8	32.1	18.8	29.3	17.5	19.0	5.8	11.3	0.9	4.3	4
5	15.3	22.6	22.2	32.4	17.3	28.9	17.3	18.6	6.1	11.0	0.5	4.2	5
6	14.3	22.7	21.4	32.6	16.1	28.1	17.3	18.6	5.6	10.9	0.7	4.2	6
7	13.4	22.4	20.6	32.2	15.1	27.0	17.4	18.7	5.3	10.5	0.6	4.2	7
8	12.7	21.5	20.1	31.8	13.9	26.1	17.4	18.8	4.4	9.8	0.6	4.8	8
9	12.2	20.2	20.0	31.1	12.5	25.0	17.2	19.1	4.0	9.1	1.2	5.8	9
10	11.7	18.5	20.3	30.5	11.6	23.7	17.2	19.3	3.8	8.3	2.1	5.7	10
11	11.3	16.9	21.1	30.4	11.9	22.1	17.4	19.3	3.4	7.6	2.4	5.9	11
12	10.7	15.4	22.3	30.7	12.5	20.6	17.6	19.3	3.1	7.0	3.5	6.0	12
13	10.2	14.5	23.5	31.2	13.1	20.3	17.5	19.1	3.8	5.9	4.0	5.7	13
14	9.6	14.3	24.7	31.7	13.1	20.8	17.2	18.7	5.5	4.9	4.0	5.5	14
15	8.8	14.6	26.0	32.1	12.8	21.4	17.0	18.0	6.5	3.9	4.2	5.6	15
16	7.4	15.3	27.2	32.4	12.5	21.9	16.9	16.6	7.0	3.3	5.1	5.6	16
17	5.0	16.2	28.0	32.7	12.0	21.8	16.8	15.7	7.8	3.0	5.3	5.4	17
18	3.9	17.5	28.8	32.8	12.3	21.1	17.0	14.5	8.7	2.7	4.9	5.2	18
19	4.0	19.1	29.4	32.7	12.7	20.3	17.1	13.4	9.4	2.6	4.8	4.8	19
20	4.2	21.4	29.6	32.4	12.9	19.7	17.5	12.5	9.8	2.5	5.6	4.2	20
21	4.1	23.2	29.7	32.1	12.8	19.4	18.4	11.8	10.3	2.2	6.6	3.9	21
22	3.9	24.3	29.5	31.8	12.9	19.3	19.4	9.8	10.7	2.1	7.5	3.2	22
23	4.2	25.0	29.2	31.3	13.8	19.1	19.9	8.4	10.2	2.0	9.4	2.7	23
24	6.6	25.6	28.9	30.7	14.7	18.8	19.8	8.2	10.2	2.0	10.5	2.4	24
25	9.2	25.7	28.7	30.1	16.0	18.4	19.0	8.0	10.7	1.9	11.0	1.8	25
26	11.7	25.4	28.7	29.3	18.4	18.0	17.8	7.8	10.5	1.6	11.1	1.3	26
27	14.1	25.0	28.8	28.5	21.2	17.7	17.4	7.8	10.3	1.4	11.2	1.7	27
28	15.8	24.6	28.8	27.5	24.2	17.8	17.7	7.3	10.3	1.4	10.9	2.3	28
29	17.2	—	29.0	26.3	26.3	18.1	17.8	7.0	10.8	1.1	10.3	3.0	29
30	18.5	—	29.0	24.8	27.7	18.5	17.5	6.8	11.1	1.0	8.9	4.1	30
31	19.7	—	29.2	—	28.7	—	17.3	6.5	—	1.0	—	5.0	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

Gage inspected: May 13; Sept 1; and Nov. 22, 1938

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1937

Zero elevation 230.50 feet above M. G. L.

Bank full stage ..... feet on gauge

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

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	8.4	43.2	30.6	18.8	22.3	15.2	15.9	6.6	6.0	-0.8	6.3	0.9	1
2	10.5	43.6	29.2	18.6	23.6	14.6	16.7	6.3	6.2	-0.8	6.5	1.7	2
3	12.1	43.9	27.5	18.2	25.4	14.1	17.2	5.7	6.2	-1.2	6.6	2.4	3
4	14.1	44.1	26.0	17.6	27.5	13.9	17.6	5.3	6.0	-1.0	6.8	3.0	4
5	17.2	44.3	24.5	16.8	29.4	13.8	17.3	4.8	4.3	-0.7	7.7	2.9	5
6	20.3	44.4	23.0	15.9	30.8	13.9	16.7	4.7	2.5	-0.2	9.1	2.6	6
7	22.7	44.4	21.4	15.2	31.9	14.3	16.0	4.4	3.0	0.6	10.3	2.0	7
8	24.5	44.35	19.9	14.7	33.0	15.0	14.6	4.4	4.2	1.1	11.1	1.8	8
9	26.1	44.2	18.6	14.3	33.9	15.4	12.2	4.3	4.4	0.9	11.4	1.5	9
10	27.3	44.0	18.0	13.8	34.5	15.6	11.0	4.4	4.3	1.4	11.0	0.8	10
11	28.4	43.7	18.3	13.4	34.8	14.8	10.8	5.5	4.4	1.9	10.1	0.0	11
12	29.3	43.2	18.9	13.2	34.8	14.1	10.5	6.0	4.7	2.2	8.3	0.3	12
13	30.1	42.7	19.6	13.3	34.7	14.9	9.8	5.7	4.7	2.0	4.7	0.4	13
14	30.8	42.0	20.3	13.6	34.3	16.4	8.9	5.7	4.6	1.0	1.4	-0.9	14
15	31.3	41.4	20.7	13.9	33.6	17.4	8.5	5.7	4.6	0.6	1.2	-2.0	15
16	31.8	40.55	20.9	14.2	32.5	17.6	8.6	5.3	4.6	-0.2	1.6	-2.4	16
17	32.6	39.9	20.9	14.5	31.2	17.2	8.6	5.3	2.8	-0.4	1.7	-1.1	17
18	33.3	39.1	20.7	14.7	29.9	16.9	8.9	5.5	1.9	0.3	1.9	0.5	18
19	33.9	38.4	20.3	14.9	28.9	16.7	9.6	5.6	1.3	0.4	2.5	3.0	19
20	34.6	37.8	20.0	15.0	27.7	16.6	10.7	5.7	1.1	1.3	2.6	5.8	20
21	35.5	37.2	19.6	15.0	26.1	16.6	11.4	4.4	1.0	2.1	2.4	7.4	21
22	36.7	36.7	19.5	14.95	24.2	16.7	12.0	3.3	1.2	2.6	2.0	9.0	22
23	37.8	36.1	19.6	15.5	22.4	17.0	11.9	3.1	1.2	3.7	1.9	11.1	23
24	38.9	35.3	19.8	16.8	20.7	16.9	11.6	3.0	0.1	4.2	2.3	12.6	24
25	39.9	34.4	19.8	18.0	19.5	16.5	11.3	3.2	-0.4	4.6	2.0	14.2	25
26	40.6	33.6	19.5	19.2	18.3	15.9	10.8	3.1	-0.9	5.4	1.7	15.4	26
27	40.9	32.8	19.0	20.7	17.4	15.4	10.5	3.2	-0.4	6.2	1.1	16.5	27
28	41.15	31.8	18.6	21.3	17.0	14.9	9.7	4.4	-0.8	6.2	1.3	17.4	28
29	41.7	—	18.3	21.8	16.7	14.6	7.8	5.3	-0.5	6.2	0.8	17.9	29
30	42.4	—	18.4	22.0	16.4	14.9	6.8	5.5	-0.9	6.3	0.6	18.4	30
31	42.9	—	18.7	—	15.9	—	6.7	5.8	—	6.3	—	18.8	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings

Highest - 44.4, Feb. 6 and 7.
Lowest - (-2.4), Dec. 16.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1936

Zero elevation 230.50 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	5.1	13.2	22.2	33.1	17.8	7.6	1.9	0.3	-1.9	1.3	2.2	1.4	1
2	4.2	11.7	23.5	33.9	16.5	7.0	1.8	0.2	-1.4	2.1	2.1	1.3	2
3	2.9	10.3	24.7	34.5	15.6	7.0	1.9	-1.0	-0.6	4.5	2.2	0.9	3
4	2.0	8.7	25.4	35.0	15.0	6.7	2.3	-1.6	-0.4	6.3	2.9	0.2	4
5	1.9	7.3	25.7	35.4	14.5	6.8	1.9	-1.8	-0.6	6.1	5.0	-0.1	5
6	2.7	6.8	25.8	35.7	14.2	6.9	1.3	-1.3	-0.2	5.6	7.5	-0.1	6
7	4.2	6.9	25.8	36.0	14.2	6.6	1.9	-1.8	-0.2	5.0	10.7	0.2	7
8	6.3	8.0	25.9	36.5	14.6	6.7	3.3	-1.3	-1.0	3.8	13.4	0.8	8
9	8.8	9.6	26.0	36.7	15.2	6.5	5.0	-1.3	-1.0	3.1	14.8	1.8	9
10	12.3	10.7	26.3	36.8	15.5	6.4	6.0	-1.7	-1.0	3.7	15.4	3.7	10
11	16.5	11.5	26.4	36.85	15.4	5.9	6.0	-1.8	-0.4	3.7	15.6	6.3	11
12	19.6	12.4	26.4	36.9	15.2	5.3	4.9	-1.6	-0.3	3.8	15.6	7.3	12
13	21.6	13.6	26.2	36.95	14.5	5.1	3.5	-1.0	-1.2	4.3	15.5	8.7	13
14	22.9	14.2	25.8	37.0	13.7	5.2	2.7	-1.7	-1.5	4.4	15.45	9.5	14
15	23.8	15.1	25.1	37.0	12.9	5.9	2.6	-2.2	-1.6	4.5	15.2	10.0	15
16	24.5	16.1	24.3	37.0	12.0	5.3	1.9	-2.5	-1.7	4.6	14.9	10.2	16
17	24.9	15.8	23.2	37.0	10.7	5.1	1.3	-2.5	-1.8	4.3	14.3	10.1	17
18	25.1	15.0	22.3	37.0	10.3	5.0	0.5	-1.8	-1.6	4.0	13.5	9.8	18
19	24.9	13.8	22.1	37.0	10.6	4.8	0.6	-1.9	-0.9	4.4	12.4	9.1	19
20	24.4	12.7	22.6	36.95	11.0	4.5	1.0	-2.1	-1.1	4.8	10.7	8.0	20
21	23.3	12.0	23.5	36.8	10.8	4.0	0.9	-2.6	-1.1	5.4	7.4	7.1	21
22	21.6	11.7	24.8	36.6	10.6	3.8	0.9	-3.2	-0.8	5.6	4.5	6.0	22
23	19.7	11.9	26.0	36.2	10.4	3.5	1.5	-3.4	-0.2	5.4	3.7	5.8	23
24	18.0	12.4	27.1	35.4	10.0	3.9	1.4	-3.4	0.4	4.9	3.3	4.3	24
25	16.8	13.1	27.8	34.5	9.9	3.8	0.9	-3.2	1.0	4.5	2.9	3.4	25
26	15.9	14.9	28.6	33.0	10.0	3.5	0.6	-3.2	1.7	3.7	2.6	3.8	26
27	15.4	19.0	29.3	30.3	9.7	3.1	0.4	-2.8	2.0	3.0	2.3	5.2	27
28	14.9	21.5	30.2	26.3	9.4	2.8	0.8	-3.0	1.7	2.6	1.9	5.8	28
29	14.7	21.9	31.0	22.5	9.0	2.4	0.0	-2.2	1.5	1.8	1.5	5.9	29
30	14.6	—	31.8	19.6	8.4	2.1	-0.5	-2.0	1.3	1.4	1.1	6.3	30
31	14.2	—	32.35	—	8.1	—	-0.4	-2.2	—	1.9	—	7.0	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings Corrected

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1935

Zero elevation 230.50 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	8.2	27.9	16.6	34.1	19.0	32.7	30.4	16.0	7.1	0.9	0.8	5.5	1
2	8.5	27.2	17.1	34.0	17.7	32.05	30.0	15.5	6.9	0.5	1.0	6.2	2
3	9.4	26.1	18.0	34.0	16.4	31.4	29.4	15.3	6.5	0.4	1.5	6.8	3
4	9.9	24.7	18.5	34.05	15.0	30.5	28.8	15.1	5.1	0.5	1.4	7.2	4
5	10.7	23.1	19.0	34.1	15.5	29.6	27.7	14.9	4.3	0.4	1.0	7.2	5
6	11.4	21.0	19.3	34.3	17.0	28.9	26.7	14.3	5.1	0.1	0.7	7.5	6
7	11.6	18.7	19.6	34.4	19.8	28.4	25.8	13.6	6.1	-0.3	0.9	7.7	7
8	11.3	16.3	19.7	34.5	22.8	28.4	24.9	12.4	6.8	-0.4	1.7	7.1	8
9	10.8	14.0	19.9	34.6	24.8	28.65	24.3	11.4	7.6	-0.2	1.5	6.6	9
10	10.4	12.5	20.4	34.65	26.1	29.0	23.8	11.4	9.1	0.0	3.3	6.6	10
11	10.1	11.6	21.4	34.7	27.0	29.5	23.2	11.1	10.7	-0.3	5.1	6.7	11
12	9.2	11.2	23.9	34.75	27.7	29.9	22.6	10.7	12.2	-0.5	6.5	7.1	12
13	8.7	11.1	27.7	34.8	28.2	30.2	22.1	11.0	12.9	-0.6	8.2	7.4	13
14	9.8	11.5	30.1	34.85	28.6	30.3	21.4	11.7	12.8	-0.7	8.9	8.4	14
15	11.0	12.4	31.4	34.85	29.0	30.2	20.7	12.6	12.2	-0.9	10.2	9.1	15
16	11.7	13.3	32.4	34.9	29.3	30.0	19.9	13.8	10.8	-0.8	11.9	9.8	16
17	12.5	14.2	33.3	34.9	29.6	29.7	18.8	14.9	9.6	-0.8	12.6	10.5	17
18	13.4	15.1	34.1	34.9	30.1	29.4	17.2	15.6	7.2	-0.7	12.9	11.0	18
19	14.5	16.3	34.6	34.75	30.6	29.1	14.7	16.0	4.9	-1.0	13.4	11.4	19
20	15.6	17.5	35.0	34.5	31.0	28.5	13.0	16.0	4.2	-1.3	14.0	11.9	20
21	17.4	18.6	35.3	34.2	31.4	27.8	12.2	15.9	3.4	-1.3	14.3	12.4	21
22	20.7	19.3	35.6	33.6	31.8	27.4	11.6	15.6	2.9	-0.9	14.2	13.1	22
23	24.0	19.5	35.7	32.9	32.1	27.9	11.3	15.5	2.4	-0.7	13.8	13.5	23
24	25.9	19.3	35.75	31.8	32.5	28.2	11.4	15.4	2.2	0.0	13.1	13.6	24
25	27.1	18.8	35.8	30.0	32.9	28.6	12.2	15.1	2.2	-0.4	12.3	13.2	25
26	27.7	18.1	35.7	28.1	33.2	29.0	12.7	14.4	2.4	0.0	10.8	12.6	26
27	28.0	17.5	35.6	26.0	33.4	29.6	13.0	13.1	2.1	0.15	8.5	12.0	27
28	28.3	16.9	35.3	24.0	33.5	30.2	13.7	11.8	1.7	0.0	6.7	11.1	28
29	28.3		35.0	22.2	33.4	30.6	15.0	9.0	1.3	-0.1	5.6	10.1	29
30	28.3		34.7	20.6	33.2	30.7	16.3	7.4	0.8	0.6	5.5	9.1	30
31	28.2		34.4		32.7		16.4	7.2		0.9		7.2	31
Sum													
Mean													
High													
Low													

Remarks:

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo for the calendar year 1932

Zero elevation 230.50 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	11.4	3.6	6.8	25.5	14.1	2.0	2.6	0.9	2.4	1.3	1.4	11.4	1
2	10.2	3.7	7.9	26.3	13.1	2.2	2.8	0.7	2.3	2.5	1.4	11.4	2
3	9.1	3.7	8.9	26.8	12.2	1.5	2.5	1.7	1.9	3.0	1.4	11.3	3
4	8.4	3.9	10.3	27.2	11.1	1.0	2.6	3.0	1.0	3.9	1.3	11.2	4
5	7.8	4.1	12.5	27.5	10.0	1.0	2.0	3.1	0.6	5.7	1.5	12.1	5
6	7.3	3.9	15.2	27.4	8.1	0.6	1.6	2.0	0.4	7.0	2.1	13.3	6
7	6.7	3.2	17.7	27.0	7.4	0.1	1.5	1.9	0.0	7.2	2.7	14.2	7
8	6.2	2.9	19.7	25.9	7.1	1.0	1.7	2.0	-0.4	6.3	3.1	14.3	8
9	6.3	2.7	21.5	24.0	6.8	1.8	1.8	2.0	-0.9	5.1	3.5	14.2	9
10	7.7	2.9	23.1	21.8	6.4	1.9	1.6	1.5	-0.5	3.8	4.1	14.7	10
11	10.5	3.0	24.8	19.6	5.6	2.3	2.0	0.7	-0.6	2.6	5.2	15.0	11
12	13.2	2.8	26.0	17.6	5.0	3.1	1.6	-0.5	-0.7	2.7	5.1	14.8	12
13	15.5	2.8	26.9	16.0	4.6	4.3	1.0	0.5	0.0	2.4	5.1	13.4	13
14	17.3	2.8	27.7	15.0	4.4	4.1	0.7	1.4	0.9	2.1	4.9	10.8	14
15	18.5	2.7	28.5	14.4	4.4	4.3	1.5	2.0	1.1	2.1	4.1	8.6	15
16	18.9	2.1	29.0	14.2	4.1	4.5	2.4	2.7	1.2	2.5	3.2	7.1	16
17	18.4	1.4	29.3	14.1	4.3	4.5	3.1	3.3	1.1	2.7	2.9	5.9	17
18	17.1	0.8	29.4	14.5	4.6	4.1	3.6	3.7	2.1	2.6	2.2	5.3	18
19	15.6	0.4	28.8	14.6	4.8	3.9	3.7	3.8	3.3	2.2	1.7	4.9	19
20	14.0	0.1	27.4	14.6	4.6	5.1	3.6	3.5	4.2	1.9	1.7	4.4	20
21	12.4	-0.1	24.9	14.4	4.4	6.5	3.3	3.4	4.5	1.6	1.3	4.7	21
22	10.9	0.0	21.9	14.3	4.3	6.8	2.6	4.3	4.5	0.8	1.7	5.0	22
23	9.5	0.0	18.9	14.3	4.5	6.5	2.2	5.8	4.2	0.7	4.1	5.1	23
24	7.8	0.1	16.8	14.3	4.6	5.6	2.5	6.5	3.9	0.4	5.0	4.9	24
25	5.0	0.2	15.8	14.3	4.6	5.0	3.0	7.2	2.8	0.1	6.6	4.8	25
26	3.0	0.2	16.0	14.5	4.3	4.9	3.1	7.7	1.8	-0.1	6.8	5.0	26
27	3.1	1.4	17.3	14.7	3.3	5.1	2.4	6.2	0.8	0.0	6.8	5.7	27
28	3.3	4.2	19.5	14.9	2.7	4.3	1.5	3.3	0.9	0.2	8.2	6.8	28
29	3.2		21.7	15.0	2.5	3.0	0.8	3.1	0.6	0.3	9.6	7.2	29
30	3.0		23.3	14.7	2.5	2.2	-0.1	3.1	0.2	0.7	10.8	7.5	30
31	3.3		24.6		2.2		0.0	2.7		1.2		7.8	31
Sum													
Mean													
High													
Low													

Remarks: All readings are 8:00 AM. corrected.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1933

Zero elevation 230.50 feet above

Bank full stage ..... feet on gauge

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	24.2	30.1	30.4	35.1	31.5	36.1	8.5	8.8	3.2	4.8	0.75	1.1	1
2	26.4	30.2	30.6	35.5	30.5	35.6	7.8	8.5	2.8	4.5	0.7	0.4	2
3	27.9	30.2	30.75	36.0	29.2	35.1	7.9	8.6	2.9	4.2	0.2	0.3	3
4	29.0	30.0	30.6	36.3	27.5	34.3	8.5	8.5	3.1	3.6	0.0	0.3	4
5	29.8	29.6	29.9	36.6	25.9	33.3	9.9	8.3	4.0	3.5	0.5	0.8	5
6	30.5	29.2	28.4	36.8	24.0	32.0	11.3	7.9	4.5	3.9	0.4	0.3	6
7	31.0	28.5	26.1	36.8½	22.9	30.1	11.9	7.6	5.8	4.3	0.5	0.4	7
8	31.3	27.5	23.5	36.8	22.6	27.9	11.5	7.4	6.8	4.0	1.8	1.0	8
9	31.4	26.4	21.1	36.7	22.9	25.7	10.4	7.3	7.0	3.3	3.0	2.0	9
10	31.5	25.0	19.1	36.4	23.5	23.4	9.7	7.3	6.7	2.7	3.1	3.2	10
11	31.4	23.7	18.1	36.2	24.3	21.4	9.5	7.3	6.4	2.4	2.1	4.0	11
12	31.0	22.6	17.7	35.7	25.9	19.7	9.4	6.6	5.8	1.9	1.4	4.1	12
13	30.2	21.4	17.6	35.3	27.6	17.9	8.9	5.8	5.3	1.6	0.9	3.9	13
14	29.1	20.4	17.5	34.8	28.9	16.4	8.5	5.7	4.0	1.5	0.6	3.7	14
15	27.7	19.5	17.2	34.4	30.0	15.1	8.3	5.9	3.9	1.0	0.3	3.2	15
16	25.9	19.0	16.7	34.0	31.4	14.2	8.1	6.3	3.7	0.8	0.1	2.6	16
17	24.1	19.5	16.5	33.7	32.7	13.6	7.6	6.9	3.9	0.7	-0.3	1.3	17
18	22.2	20.6	16.8	33.5	34.0	13.4	7.4	7.4	4.4	0.9	-0.1	1.8	18
19	20.4	21.8	17.7	33.4	35.0	13.0	7.4	7.4	4.6	1.1	-0.1	4.7	19
20	18.9	22.9	19.4	33.3	35.7	12.4	7.6	6.5	4.1	0.7	-0.1	7.2	20
21	18.0	23.9	22.1	33.3½	36.3	11.2	7.3	5.2	3.6	0.1	-0.1	8.5	21
22	17.4	24.8	24.9	33.4	36.5	10.4	6.4	4.6	3.4	-0.3	-0.1	10.3	22
23	18.3	25.7	27.0	33.3½	36.7	10.3	6.2	4.2	3.3	-0.5	-0.4	12.4	23
24	21.2	26.7	28.6	33.4	36.7½	10.2	5.8	3.7	3.1	0.4	0.0	13.8	24
25	24.0	27.6	29.9	33.4	36.8	9.5	5.6	3.1	3.0	1.8	0.6	14.6	25
26	26.1	28.4	30.9	33.3	36.7½	9.3	5.6	3.1	3.3	2.3	0.8	14.9	26
27	27.7	29.2	31.7	33.1	36.7	9.1	6.5	2.8	3.9	2.5	0.7	15.0	27
28	28.6	29.8	32.5	32.9	36.6½	8.7	7.2	2.5	3.4	2.2	1.1	14.8	28
29	29.3		33.2	32.6	36.5½	8.6	8.1	2.2	4.2	1.3	1.5	14.4	29
30	29.7		34.0	32.3	36.5	8.7	8.8	3.1	5.0	1.0	1.4	13.6	30
31	30.0		34.8		36.3½		9.2	3.3		0.8		12.6	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 - A.M. Readings. corrected.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1932

Zero elevation 230.50 feet above Mean Gulf level.

Bank full stage ..... feet on gauge

U. S. GOVERNMENT PRINTING OFFICE: 1935 — J5824

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	24.4	32.8	26.1	24.0	20.5	8.3	13.9	5.0	4.6	3.5	4.4	10.5	1
2	24.1	33.4	24.2	25.2	21.4	8.1	14.3	4.9	4.0	3.8	4.4	10.3	2
3	23.6	33.9	21.9	26.4	22.6	7.6	15.0	5.2	3.6	3.4	5.4	8.7	3
4	23.2	34.3	19.7	27.6	23.7	7.7	15.7	5.3	3.7	2.4	5.9	6.9	4
5	23.0	34.6	18.0	28.6	24.3	8.2	16.8	6.4	5.6	2.3	6.1	6.2	5
6	23.1	34.9	16.6	29.5	24.3	8.8	17.4	7.2	5.6	2.6	6.2	5.6	6
7	23.5	35.1	15.9	30.0	23.7	9.2	17.8	6.9	4.9	3.0	5.6	4.7	7
8	24.1	35.3	15.9	30.6	22.6	9.6	18.0	8.0	4.2	2.5	5.1	3.9	8
9	25.0	35.4	16.2	30.8	21.4	9.8	18.6	8.8	4.15	2.3	4.9	3.9	9
10	26.2	35.5	16.3	30.9	20.0	10.0	20.6	7.2	4.0	2.2	4.8	4.3	10
11	27.2	35.7	16.6	31.0	19.0	10.7	22.0	5.8	3.4	1.6	4.5	4.7	11
12	27.9	35.9	16.9	30.7	18.2	11.1	23.7	5.8	3.5	1.5	4.3	5.3	12
13	28.1	36.0	17.1	30.3	17.4	11.0	25.0	5.7	2.7	1.5	4.4	6.0	13
14	28.2	36.3	17.1	29.6	16.8	10.6	25.5	5.8	2.3	1.5	4.9	7.7	14
15	29.0	36.3	16.8	28.8	16.5	9.9	25.2	6.3	2.1	.7	5.2	8.7	15
16	29.5	36.3	16.2	27.7	16.1	9.4	24.4	6.9	1.7	1.23	5.4	9.8	16
17	30.3	36.4	15.4	26.4	15.7	9.1	23.0	7.2	1.4	0.5 ~~.73~~	5.9	10.8	17
18	30.9	36.4	14.5	25.4	15.1	9.5	21.4	8.0	1.3	.83	6.6	11.3	18
19	31.3	36.3	14.1	24.1	14.4	9.8	19.5	8.4	1.1	1.5	7.2	11.6	19
20	31.5	35.7	13.6	23.0	14.5	9.8	16.8	9.3	1.1	5.2	7.3	11.8	20
21	31.7	35.3	13.4	21.8	15.2	10.0	13.3	10.1	.9	7.7	7.0	11.7	21
22	31.7	~~34.9~~	13.7	20.6	15.9	10.3	10.0	10.7	2.5	8.4	6.9	11.3	22
23	31.7	34.4	14.2	19.7	16.4	10.6	8.9	11.2	2.6	8.4	7.4	11.0	23
24	31.5	33.8	15.1	18.8	16.3	10.7	8.3	11.0	1.6	7.7	7.8	10.6	24
25	31.5	33.1	16.1	18.3	15.9	10.9	7.9	10.6	1.3	7.2	8.2	11.0	25
26	31.5	32.3	17.3	18.0	15.1	11.0	7.1	9.9	1.4	6.0	8.8	12.8	26
27	31.6	30.0	18.4	17.7	14.4	11.2	6.5	8.7	1.2	4.8	9.3	13.7	27
28	31.8	29.6	19.5	17.7	12.8	11.7	6.5	8.2	.8	4.0	9.6	14.9	28
29	31.9	28.0	20.6	18.4	10.2	12.4	6.5	6.7	1.5	3.5	9.8	17.2	29
30	32.1		21.8	19.5	7.9	13.3	6.0	5.7	2.7	3.9	10.1	19.5	30
31	32.4		23.1		8.0		5.5	5.3		4.4		21.2	31
Sum													
Mean													
High													
Low									0.8	0.7			

Remarks: 8:00 - A.M. Readings.

[illegible] to Stage Pamphlet

RIVER STAGES

Mississippi River Gauge at Cottonwood Pt. Mo. for the calendar year 1931

Zero elevation 230.50 feet above Mean Gulf Level

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	-1.1	0.4	10.0	9.2	18.9	10.2	4.6	4.5	5.6	2.6	0.1	17.0	1
2	-1.1	0.5	10.2	12.3	19.3	9.9	4.6	3.1	5.9	4.0	-0.3	18.3	2
3	-1.2	0.8	9.7	14.8	19.0	9.8	4.4	3.0	5.1	4.9	-0.2	19.3	3
4	-1.2	0.9	8.3	17.1	18.3	9.7	3.9	2.8	4.2	4.4	0.0	19.7	4
5	-0.7	0.4	8.0	18.4	17.4	9.6	3.6	2.6	4.4	4.1	-0.2½	19.6	5
6	-0.4	0.5	8.7	19.2	16.3	9.4	3.9	2.9	5.4	3.5	-0.4	19.1	6
7	-0.4	0.2	8.8	19.6	15.2	8.8	4.3	3.2	6.4	3.2	-0.5	18.2	7
8	-0.2	-0.4	8.4	20.2	14.1	8.2	4.2	3.0	7.2	2.9	-0.6	17.3	8
9	0.5	-0.1	8.9	20.8	13.2	7.4	4.0	2.8	7.4	2.0	-0.7	16.5	9
10	1.4	0.8	9.9	21.5	12.2	6.1	4.0	2.7	7.3	1.2	-0.8	15.5	10
11	1.7	1.6	10.6	22.1	11.3	5.6	4.4	2.8	6.8	1.0	-0.9	14.5	11
12	1.9	1.9	11.0	22.7	10.4	6.4	4.3	2.8	6.3	1.2	-1.0	14.0	12
13	3.2	2.9	11.1	23.2	9.5	7.5	4.1	2.7	5.2	1.1	-1.1	14.1	13
14	3.4	3.3	10.7	23.4	8.7	8.3	3.8	2.9	3.6	0.9	-1.3	14.3	14
15	3.2	4.5	10.3	23.1	8.4	8.8	3.4	3.3	3.1	0.9	-1.1	15.7	15
16	3.0	5.1	9.8	22.5	8.3	9.1	3.5	3.3	1.8	1.5	-0.9	18.5	16
17	2.6	6.0	9.4	21.5	8.5	9.9	3.4	2.6	1.2	2.0	-1.0	21.3	17
18	2.1	7.4	8.9	20.3	9.1	10.5	2.9	2.8	0.7	2.9	-0.4	23.7	18
19	1.8	7.7	8.3	19.0	9.9	11.1	2.5	2.8	0.1	4.2	0.0	25.7	19
20	1.7	8.0	7.7	17.4	10.3	10.7	2.5	3.1	-0.7	5.4	1.2	27.0	20
21	1.3	8.3	7.3	16.4	10.4	9.2	2.6	2.4	-0.1	5.8	2.4	28.0	21
22	1.2	8.6	7.0	15.1	10.5	7.4	2.9	2.4	0.7	5.7	4.4	28.4	22
23	0.9	8.9	6.7	14.3	10.1	5.9	3.6	3.1	1.3	5.6	7.0	28.6	23
24	0.7	9.1	6.7	13.4	12.0	5.1	4.3	3.0	1.7	4.8	9.6	28.4	24
25	0.5	9.1	6.8	12.6	13.7	4.6	5.0	3.5	1.4	3.6	11.2	27.8	25
26	1.0	9.0	6.8	12.0	14.2	4.6	5.9	3.9	0.7	2.7	12.5	27.3	26
27	1.3	8.9	6.7	11.9	13.8	4.5	6.5	3.7	0.2	2.3	13.4	27.0	27
28	1.3	9.3	6.1	13.7	13.0	4.2	6.9	3.6	0.0	1.5	14.1	26.7	28
29	1.1		5.6	15.6	12.0	3.6	6.8	3.6	0.5	1.2	15.0	26.4	29
30	0.8		5.7	17.4	11.3	4.3	6.5	4.2	1.4	1.0	16.0	25.8	30
31	0.5		6.6		10.8		6.1	4.9	—	0.7	—	25.1	31
Sum													
Mean													
High													
Low									-0.7		-1.3		

Remarks:

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1929

Zero elevation 230.50 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	11.8	31.1	21.8	36.4	33.7	35.8	19.5	10.6	3.3	3.1	8.6	22.3	1
2	10.6	31.5	23.8	36.6	34.0	35.3	18.9	10.0	3.4	3.3	9.0	20.4	2
3	9.4	31.9	26.5	36.8	34.3	34.5	18.5	9.7	3.4	3.5	9.6	17.3	3
4	8.6	32.0	28.8	37.0	34.6	33.5	18.2	9.6	*2.8	3.7	10.4	15.2	4
5	8.0	31.6	30.5	37.2	34.8	32.2	17.8	9.3	2.9	4.3	11.4	14.2	5
6	7.6	30.9	31.7	37.3	35.0	30.9	17.4	9.3	3.0	5.4	12.4	11.4	6
7	7.4	29.5	32.6	37.4	35.2	30.0	17.8	9.6	3.0	5.9	13.7	9.6	7
8	7.1	27.3	33.4	37.4	35.6	29.7	18.0	9.8	3.1	5.8	15.1	8.5	8
9	7.0	25.2	34.2	37.4	36.1	29.7	17.8	9.8	3.6	6.0	16.3	7.6	9
10	7.3	21.1	34.7	37.2	36.4	29.4	17.8	9.8	4.0	6.8	16.6	6.8	10
11	8.4	17.9	35.1	36.8	36.6	29.1	18.0	9.7	4.3	7.7	16.6	6.5	11
12	9.4	15.5	35.4	36.4	36.8	29.0	18.6	9.6	4.4	8.6	16.2	6.5	12
13	10.6	13.8	35.7	35.8	36.9	28.9	19.7	9.4	4.0	10.0	15.8	6.7	13
14	11.7	12.9	35.9	35.6	37.0	28.5	20.3	9.1	4.2	10.6	15.2	7.2	14
15	12.5	12.5	36.3	35.4	37.2	28.0	20.2	8.8	4.8	10.7	14.7	7.5	15
16	13.1	12.3	36.4	35.4	37.3	26.7	20.0	8.5	4.7	10.3	14.0	8.1	16
17	13.5	12.2	36.6	35.4	37.4	25.9	20.1	8.2	4.3	9.4	13.4	9.0	17
18	13.9	11.9	36.8	35.4	37.6	25.1	20.5	7.7	5.0	8.0	14.1	9.9	18
19	14.2	11.7	37.0	35.2	37.6	24.2	21.0	7.1	6.0	7.0	16.2	11.6	19
20	14.7	11.4	37.3	35.0	37.65	23.3	21.3	6.6	6.1	5.0	18.5	13.0	20
21	16.4	11.1	37.5	34.8	37.65	22.0	21.0	6.3	6.0	3.8	20.0	14.9	21
22	17.6	10.6	37.6	34.4	37.65	21.3	20.7	5.8	5.6	3.0	21.2	16.6	22
23	19.1	10.0	37.6	34.0	37.65	20.8	20.2	5.3	4.7	3.2	22.0	18.3	23
24	21.4	9.8	37.4	33.4	37.65	19.9	19.2	5.1	4.3	4.1	22.7	19.5	24
25	22.8	11.0	37.0	32.9	37.65	19.1	17.7	4.9	4.3	5.0	23.4	20.0	25
26	24.6	12.1	36.7	32.4	37.6	18.6	15.9	5.0	4.0	5.6	24.1	20.2	26
27	26.6	15.1	36.4	32.4	37.6	18.1	14.1	5.3	3.6	6.0	24.5	20.0	27
28	27.9	19.2	36.2	32.6	37.3	18.6	12.9	5.7	3.3	6.4	24.6	19.8	28
29	28.7		36.2	32.8	37.0	19.3	11.4	4.5	3.0	6.9	24.3	19.6	29
30	29.5		36.2	33.3	36.8	19.8	10.8	3.8	3.0	7.6	23.5	19.3	30
31	30.4		36.2		36.4		10.6	3.5		8.2		19.0	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

* 4:00 P.M.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1927

Zero elevation 230.50 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	31.9	31.7	27.8	36.4	38.0	31.8	25.1	12.2	10.1	4.7	9.5	14.4	1
2	32.4	32.1	28.2	36.3	37.6	32.1	23.8	11.6	9.4	5.6	9.4	13.9	2
3	33.1	32.7	28.6	36.3	37.3	32.9	22.5	11.0	8.5	7.1	8.6	14.8	3
4	33.7	33.3	29.0	36.5	36.8	33.7	21.4	10.6	7.6	8.0	7.7	16.8	4
5	34.2	33.9	29.4	36.8	36.3	34.2	20.3	10.2	6.8	8.8	6.7	18.0	5
6	34.6	34.4	29.7	37.1	35.6	34.7	19.4	10.3	6.3	11.0	5.6	18.6	6
7	34.9	34.8	29.9	37.4	35.0	35.2	18.6	10.4	6.1	14.6	4.8	19.0	7
8	35.1	35.0	29.9	37.7	34.3	35.6	17.7	10.6	6.0	16.2	*3.35	19.0	8
9	35.2	35.1	29.6	37.9	33.7	36.1	17.1	10.8	5.8	17.1	3.4	19.1	9
10	35.2	35.1	29.1	38.0	33.1	36.4	16.8	11.1	5.5	17.6	4.3	19.9	10
11	35.1	35.0	28.7	38.0	32.7	36.5	16.3	11.4	5.3	17.4	6.3	20.7	11
12	34.8	34.8	28.5	37.9	32.7	36.5	15.8	11.8	5.0	17.0	7.5	21.5	12
13	34.3	34.5	28.6	37.9	32.8	36.3	15.3	11.8	4.8	16.6	8.2	21.7	13
14	33.4	34.2	29.2	38.1	32.9	36.0	14.8	11.9	4.8	16.9	8.9	22.2	14
15	31.4	33.6	30.1	38.3	33.0	35.5	14.5	12.5	5.0	17.1	9.0	23.1	15
16	28.6	33.0	31.1	38.8	32.9	35.0	14.4	13.7	5.3	17.2	8.9	23.8	16
17	25.0	32.3	32.0	39.0	32.5	34.3	14.2	15.0	5.8	17.0	8.9	24.2	17
18	21.3	31.6	32.8	39.1	32.0	33.6	14.1	15.8	6.1	16.7	9.2	24.9	18
19	19.0	31.2	33.5	39.3	31.5	32.9	13.9	16.0	6.2	16.3	9.7	25.7	19
20	18.4	30.5	34.3	39.8	30.8	32.2	13.4	16.0	6.0	15.7	11.0	26.5	20
21	19.0	29.9	34.8	40.0	30.0	31.5	12.8	15.7	5.8	14.8	12.5	27.1	21
22	20.3	29.4	35.3	40.15	29.2	30.7	12.4	15.3	5.4	13.6	13.7	27.5	22
23	22.0	28.9	36.3	40.15	28.5	29.8	12.1	14.9	4.9	12.4	14.9	27.8	23
24	24.3	28.4	36.8	40.1	28.1	29.1	12.0	14.4	4.5	11.2	16.1	27.9	24
25	26.3	27.9	37.3	39.9	28.0	28.7	11.8	14.0	4.3	10.4	16.8	27.9	25
26	27.8	27.6	37.5	39.6	28.0	28.4	11.6	13.4	4.1	9.9	16.9	27.8	26
27	28.8	27.5	37.7	39.3	28.5	28.1	11.4	12.7	4.0	9.5	16.6	27.6	27
28	29.4	27.6	37.6	39.0	29.2	27.7	11.7	12.0	3.9	9.2	16.4	27.3	28
29	30.0		37.3	38.6	29.8	27.1	12.1	11.5	3.9	9.0	16.1	26.8	29
30	30.6		37.0	38.3	30.5	26.2	12.6	11.2	4.0	9.1	15.4	26.0	30
31	31.1		36.7		31.1		12.6	10.7		9.4		25.0	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.
* 4:00 P.M.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1912

Zero elevation 230.50 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	28.1	21.1	28.5	38.4	34.3	21.4	16.5	16.2	13.0	9.2	4.8	4.0	1
2	28.6	21.2	29.8	39.0	34.8	21.0	15.8	16.8	12.8	9.0	4.9	3.8	2
3	29.0	21.2	30.6	39.4	35.5	20.6	15.3	17.4	12.3	8.7	5.2	3.6	3
4	29.4	21.3	31.1	40.0	36.3	20.4	14.9	17.4	11.8	8.2	5.6	3.4	4
5	29.7	21.6	31.5	40.6	36.8	19.8	14.6	17.3	11.4	7.9	6.4	3.4	5
6	29.8	20.6	31.7	41.0	37.2	19.2	14.4	16.7	11.2	7.8	7.4	3.35	6
7	29.7	20.1	31.7	41.2	37.4	18.6	14.5	15.7	11.1	7.8	8.1	3.35	7
8	29.1	19.3	31.6	41.4	37.5	18.1	15.4	14.6	10.9	7.8	8.4	3.4	8
9	28.0	18.2	31.2	41.7	37.4	17.9	16.7	13.3	10.5	7.8	8.2	4.1	9
10	26.3	17.0	30.6	41.9	37.2	17.7	17.8	12.3	10.1	7.4	8.2	5.6	10
11	24.0	15.4	29.9	42.04	37.0	17.3	18.5	11.4	9.8	7.2	8.4	6.7	11
12	21.5	14.0	29.1	42.04	36.7	16.9	18.7	10.7	9.8	6.7	8.6	7.8	12
13	19.2	12.7	28.4	42.04	36.3	16.5	18.7	10.3	10.4	6.2	8.4	8.8	13
14	16.8	11.6	27.6	42.0	35.8	16.1	18.5	10.2	11.1	5.7	7.7	9.4	14
15	14.9	10.6	26.8	41.8	35.3	15.6	18.1	10.4	11.4	5.2	7.1	9.5	15
16	13.4	9.6	26.4	41.5	34.6	15.2	17.6	10.6	11.4	4.8	6.6	9.2	16
17	12.0	8.9	26.6	41.2	33.9	14.8	17.3	10.4	11.0	4.3	6.1	8.8	17
18	11.0	8.3	27.2	40.8	33.0	15.0	17.0	10.1	10.6	4.2	5.6	8.4	18
19	10.2	7.8	28.5	40.2	32.2	16.3	17.0	10.0	10.1	4.4	5.6	8.0	19
20	10.0	7.4	29.8	39.6	31.2	18.1	17.2	10.0	9.8	5.0	6.1	7.5	20
21	10.8	7.4	31.2	38.8	30.2	19.6	17.0	10.1	9.6	5.9	6.6	6.9	21
22	11.6	7.4	32.2	38.2	29.2	20.5	16.7	10.0	9.2	6.3	6.8	6.2	22
23	12.7	8.4	33.4	37.5	28.4	20.8	16.5	10.1	9.0	6.4	7.0	5.5	23
24	14.7	10.8	34.4	36.8	27.6	20.3	16.0	10.0	8.8	6.2	6.9	5.0	24
25	16.7	13.8	35.1	36.0	26.8	19.3	15.4	10.0	8.8	6.0	6.8	4.3	25
26	18.4	17.1	35.7	35.1	26.2	18.1	15.2	10.1	8.8	5.8	6.5	3.8	26
27	20.1	20.4	36.4	34.4	25.4	17.2	15.2	10.8	8.7	5.8	6.2	3.5	27
28	21.2	24.1	36.8	33.8	24.8	16.9	15.1	11.9	8.7	5.8	5.7	3.35	28
29	21.4	26.8	37.3	33.8	23.8	16.9	15.2	12.6	8.8	5.4	5.1	3.4	29
30	21.2		37.7	33.9	22.9	16.8	15.3	12.9	9.0	5.1	4.5	3.6	30
31	21.2		38.0		22.0		15.7	13.0		4.9		3.6	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 - A.M. Reading.

RIVER STAGES

Mississippi River Gauge at Cottonwood Point, Mo. for the calendar year 1913

Zero elevation 230.50 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	3.5	37.1	14.5	37.1	24.0	19.8	11.8	9.4	3.3	0.2	2.3	12.8	1
2	3.6	37.0	16.4	37.8	22.3	20.6	11.9	8.8	2.8	0.10	2.4	11.7	2
3	3.9	37.0	18.4	38.5	20.9	21.0	12.0	8.2	2.5	0.2	2.6	10.5	3
4	4.6	36.9	20.4	39.2	19.7	21.3	12.0	7.6	2.3	0.3	3.0	9.5	4
5	5.5	36.8	22.0	40.0	18.7	21.5	11.7	7.0	2.2	0.6	3.7	8.8	5
6	7.4	36.6	22.8	40.6	18.0	21.5	11.3	6.4	2.3	0.8	4.8	8.5	6
7	9.2	36.4	23.3	41.2	17.4	21.4	10.9	5.9	2.2	1.1	5.6	8.3	7
8	11.4	36.0	23.6	41.6	16.8	21.4	10.4	5.6	2.0	1.2	5.9	8.4	8
9	15.0	35.4	23.4	42.0	16.2	21.0	10.2	5.4	1.9	1.2	6.0	8.6	9
10	19.3	34.7	22.8	42.2	15.9	20.6	10.0	5.2	1.7	1.2	5.8	8.6	10
11	22.9	33.7	21.8	*42.25	16.0	20.2	9.8	4.9	1.4	1.2	5.2	8.6	11
12	25.9	32.0	20.4	*42.25	16.6	19.6	9.5	4.8	1.3	1.0	4.8	8.8	12
13	28.5	29.4	19.0	42.2	17.1	18.9	9.4	4.5	1.2	0.8	4.2	9.2	13
14	30.0	27.4	18.0	42.0	17.3	18.0	9.6	4.2	1.2	0.8	3.5	9.7	14
15	31.0	25.4	17.3	41.8	17.0	17.5	9.6	4.0	1.4	0.7	3.1	10.0	15
16	31.7	23.5	17.5	41.4	16.4	17.4	9.4	3.9	1.4	0.5	2.8	9.8	16
17	32.4	22.4	18.9	40.9	15.6	17.2	9.3	3.6	1.2	0.4	2.6	9.8	17
18	33.0	21.2	20.8	40.3	14.9	16.8	8.9	3.5	1.1	0.4	2.5	9.8	18
19	33.6	20.2	22.8	39.7	14.3	16.1	8.5	3.3	1.1	0.7	3.0	9.7	19
20	34.2	19.2	24.6	39.0	13.8	15.5	8.4	3.2	1.0	1.0	4.3	9.4	20
21	34.8	18.2	26.0	38.3	13.6	14.9	8.4	3.0	1.0	1.0	6.1	9.0	21
22	35.2	17.3	27.4	37.6	13.7	14.2	8.8	3.2	0.9	1.0	8.7	8.5	22
23	35.6	16.2	28.8	36.8	14.1	13.6	9.3	3.6	1.0	1.0	11.1	7.9	23
24	36.0	15.3	29.6	36.0	14.6	13.0	9.9	3.9	0.9	1.0	12.9	7.4	24
25	36.4	14.4	30.3	35.2	14.8	12.6	10.4	4.0	0.8	1.3	14.2	6.8	25
26	36.6	13.8	31.0	34.2	14.8	12.2	10.8	4.1	0.8	1.6	15.2	6.1	26
27	36.8	13.6	32.2	32.7	14.8	12.0	10.8	4.0	0.8	1.8	15.6	5.6	27
28	37.0	13.6	33.4	30.7	15.1	11.7	10.6	3.8	0.6	2.1	15.6	5.2	28
29	37.0		34.6	28.3	15.9	11.6	10.4	3.8	0.5	2.2	15.2	5.0	29
30	37.1		35.6	26.0	17.0	11.7	10.1	3.7	0.3	2.3	14.1	5.0	30
31	37.1		36.4		18.5		9.8	3.6		2.2		5.4	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 - A.M. Readings.

* The high water mark by observer, near gage, reads 42.30 by levels.