DAILY STAGES FOR 1994

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-14-27, LONG. 89-13-03. MILE 62.4, ON RIGHT BANK AT THE DOWNSTREAM END OF THE MAIN CHANNEL BRIDGE ON U.S. HIGHWAY 51, 3.2 MILES NORTHEAST OF TRIMBLE, TN AND 2.0 MILES SOUTHWEST OF OBION, TN AND 1.6 MILES DOWNSTREAM OF THE FORMER GAGE LOCATION. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. DIGITAL ADR RECORDER DRIVEN BY A FLUID DATA SYSTEM BALANCE BEAM STAGE SENSOR. THE OUTSIDE GAGE IS A WIRE-WEIGHT GAGE MOUNTED ON DOWNSTREAM HANDRAIL OVER THE CENTER OF MAIN CHANNEL. DUE TO CHANNEL IMPROVEMENTS, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. FROM JULY 16, 1929, TO OCT. 4, 1932, ZERO OF GAGE WAS 251.48 FEET M.S.L. FROM OCT. 5, 1932 TO NOV 30, 1990, ZERO OF GAGE WAS 246.48 FEET M.S.L. AND FROM DEC. 14, 1990 TO DATE, ZERO OF GAGE IS 245.17 FEET N.G.V.D .

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18.0	25.4	23.3	32.9	----	21.9	18.1	17.1	16.6	----	16.7	19.4
2	17.9	25.7	21.1	31.7	----	21.0	17.7	17.0	16.6	----	16.7	18.5
3	17.8	25.6	20.5	29.6	----	21.0	17.5	17.0	16.6	----	16.7	18.0
4	17.7	21.7	19.8	28.1	----	21.0	17.5	16.9	17.5	16.5	16.7	17.7
5	17.6	19.8	----	25.7	----	22.0	18.4	16.9	17.5	16.5	16.7	17.7
6	17.5	19.3	----	26.6	21.1	22.0	17.5	16.9	17.5	16.5	16.7	----
7	21.9	18.9	----	26.4	20.0	22.0	18.4	18.2	17.5	16.5	16.7	----
8	26.3	----	----	23.7	20.0	20.2	21.3	17.2	16.9	16.5	16.8	----
9	20.4	----	----	21.9	20.6	20.5	21.3	17.0	16.7	16.6	16.8	----
10	19.3	----	----	----	19.5	26.8	18.8	17.0	16.6	16.7	16.8	----
11	18.7	----	----	----	19.0	22.4	18.5	16.9	16.6	16.7	16.8	----
12	20.7	----	----	31.8	18.8	20.7	17.8	16.8	16.5	16.6	16.9	----
13	20.0	----	----	31.1	18.7	19.0	17.5	16.8	16.5	16.6	16.8	----
14	18.9	----	----	29.2	18.7	18.1	17.7	16.8	16.5	18.3	16.8	----
15	18.4	----	----	30.4	18.7	17.9	17.7	16.8	----	18.0	16.8	----
16	17.8	----	22.0	30.7	19.1	17.7	22.2	16.7	----	18.0	16.8	----
17	19.3	----	20.4	28.0	20.6	17.5	20.8	16.8	----	18.0	16.8	----
18	23.8	----	19.7	26.3	19.0	18.3	18.5	16.7	----	18.0	16.8	----
19	20.0	22.0	19.4	24.5	18.5	17.5	17.9	16.6	----	18.0	16.8	----
20	18.6	20.0	19.1	21.7	18.5	17.3	17.7	16.6	----	20.0	16.6	18.8
21	18.2	28.5	19.0	20.5	18.2	17.2	17.5	16.6	----	17.0	16.6	18.6
22	17.9	27.4	19.1	20.1	18.1	17.2	17.5	16.6	----	17.0	17.9	20.0
23	18.1	30.6	30.4	19.7	21.8	17.4	26.1	16.8	----	16.8	17.4	23.9
24	24.3	27.0	29.8	19.3	21.3	17.3	20.4	16.7	----	16.7	17.1	20.1
25	25.7	29.5	29.8	19.6	21.0	17.1	18.4	16.7	----	16.8	17.0	19.0
26	28.5	25.7	30.8	19.4	21.0	17.5	17.8	16.7	----	16.7	16.9	18.3
27	30.1	26.1	33.5	19.4	21.0	17.5	19.3	16.6	----	16.7	17.0	18.2
28	27.0	26.7	33.5	----	25.2	29.0	23.9	17.1	----	16.7	17.1	18.1
29	26.0	----	33.5	----	22.7	29.0	18.7	16.7	----	16.7	26.0	17.9
30	26.1	----	33.9	----	21.9	18.9	17.6	16.7	----	16.7	23.3	17.8
31	25.7	----	31.7	----	24.2	----	17.3	16.6	----	16.7	----	17.7
MEAN	21.2	----	----	----	----	20.1	18.9	16.8	----	----	17.4	----
MAX	30.1	----	----	----	----	29.0	26.1	18.2	----	----	26.0	----
MIN	17.5	----	----	----	----	17.1	17.3	16.6	----	----	16.6	----

THE MEAN STAGE FOR THE YEAR ----
HIGHEST RECORDED STAGE WAS 33.92 30 MAR 1994
LOWEST STAGE WAS NOT DETERMINED.

DAILY STAGES FOR 1993

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-14-27, LONG. 89-13-03. MILE 62.4, ON RIGHT BANK AT THE DOWNSTREAM END OF THE MAIN CHANNEL BRIDGE ON U.S. HIGHWAY 51, 3.2 MILES NORTHEAST OF TRIMBLE, TN AND 2.0 MILES SOUTHWEST OF OBION, TN AND 1.6 MILES DOWNSTREAM OF THE FORMER GAGE LOCATION. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. DIGITAL ADR RECORDER DRIVEN BY A FLUID DATA SYSTEM BALANCE BEAM STAGE SENSOR. THE OUTSIDE GAGE IS A WIRE-WEIGHT GAGE MOUNTED ON DOWNSTREAM HANDRAIL OVER THE CENTER OF MAIN CHANNEL. DUE TO CHANNEL IMPROVEMENTS, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE.
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DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 245.17 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.9	13.3	20.2	19.1	14.1	23.4	17.8	16.4	16.3	A	A	17.2
2	17.6	12.4	22.8	20.0	14.2	20.9	17.0	16.4	16.7	A	A	17.4
3	17.5	12.4	28.0	18.1	A	20.0	16.9	16.4	17.1	A	16.3	21.7
4	19.8	14.8	24.6	17.0	30.2	19.2	16.8	16.4	16.8	A	16.4	31.0
5	29.7	14.8	21.6	24.6	29.9	21.9	16.7	16.4	16.5	A	16.4	31.6
6	25.1	13.9	20.5	17.3	27.4	19.0	16.6	16.5	16.3	A	16.3	30.2
7	12.4	14.0	19.6	15.2	23.6	18.1	16.5	16.5	16.3	A	16.4	29.4
8	12.4	A	19.0	14.2	20.7	17.8	16.5	16.5	16.2	16.2	16.3	A
9	12.4	17.5	18.6	14.7	19.7	17.6	16.5	16.4	16.2	A	16.3	26.8
10	12.4	17.4	18.3	21.8	18.8	17.5	16.5	16.4	16.2	A	16.3	A
11	12.5	19.4	18.0	14.3	18.7	17.8	16.4	16.3	16.2	A	16.3	A
12	17.6	27.5	17.8	14.2	19.7	19.1	16.4	16.4	16.2	16.3	16.3	A
13	15.9	24.9	17.7	14.1	19.3	19.0	16.6	16.9	16.1	16.3	16.6	A
14	16.0	20.7	17.6	14.1	19.7	17.9	16.5	16.9	16.1	16.3	19.7	21.7
15	14.1	19.7	17.5	13.9	18.7	17.6	17.5	16.4	16.6	16.3	A	A
16	15.0	25.2	17.6	16.3	18.3	17.3	17.2	16.4	16.5	16.3	A	A
17	13.9	27.1	18.0	22.5	18.1	17.1	16.9	16.4	16.3	16.3	A	A
18	13.3	23.1	18.0	14.4	18.6	17.0	17.0	16.6	16.3	16.4	A	A
19	13.0	20.8	17.8	14.3	18.9	16.9	17.0	18.1	16.3	18.5	A	A
20	13.7	19.8	17.7	13.7	18.1	16.9	16.8	16.9	16.4	25.0	A	A
21	23.4	23.3	17.7	15.0	17.8	17.0	16.7	16.5	16.4	25.4	A	A
22	29.1	28.8	18.0	17.9	17.6	16.8	16.7	16.4	16.4	19.0	18.5	A
23	23.6	25.6	26.1	15.2	17.4	16.7	17.2	16.3	16.3	17.1	A	17.5
24	20.1	21.5	29.9	14.2	17.3	16.9	17.6	16.3	16.8	16.7	A	17.4
25	23.6	21.3	23.4	13.9	17.3	20.5	16.8	16.3	16.9	16.6	A	17.4
26	13.9	27.4	29.7	14.2	17.2	21.4	16.6	16.3	17.0	16.5	A	A
27	11.9	24.7	30.7	14.2	17.1	17.9	16.6	16.3	16.7	16.5	A	A
28	11.9	21.3	26.3	14.2	17.0	17.2	16.5	16.7	16.5	A	A	A
29	11.9		22.2	14.0	17.0	18.1	16.5	16.8	16.4	A	A	A
30	11.9		14.7	14.1	18.7	19.2	16.4	16.5	16.4	A	A	18.7
31	11.9		14.0		21.9		16.4	16.6		A		18.0

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MEAN	16.62	20.76	16.02	18.45	16.79	16.53	16.45
MAX.	29.7	30.7	24.6	23.4	17.8	18.1	17.1
MIN.	11.9	14.0	13.7	16.7	16.4	16.3	16.1

A- NO RECORD.
HIGHEST AND LOWEST STAGES WERE NOT DETERMINED.

OBION RIVER AT OBION, TENN.

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DAILY MEAN STAGE IN FEET — GAGE ZERO, 245.17 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18.0	17.3	A	19.1	A	17.5	16.6	16.7	16.5	16.6	17.0	16.8
2	18.0	17.2	A	18.5	A	A	16.6	16.6	16.5	16.6	17.0	16.8
3	20.9	17.3	A	18.3	A	A	16.7	16.8	18.0	16.6	16.9	16.7
4	19.8	17.2	A	18.4	17.0	A	17.3	18.0	17.3	16.5	16.8	16.7
5	18.7	17.1	18.0	18.2	A	A	24.9	16.9	16.7	16.5	16.7	16.7
6	18.3	17.1	A	18.0	A	A	22.7	16.6	16.5	16.4	16.7	16.7
7	18.1	17.0	A	18.0	A	A	18.6	16.5	27.2	16.4	16.6	16.7
8	21.0	17.1	A	E 17.9	A	25.6	17.8	16.5	25.3	16.4	16.6	16.7
9	26.5	17.2	A	17.8	A	19.6	17.5	16.4	19.4	16.3	16.5	16.7
10	21.6	17.1	A	18.4	A	18.4	17.2	16.7	17.4	16.3	16.5	17.0
11	19.4	17.0	A	18.1	16.8	18.4	16.9	23.5	17.0	16.3	16.5	17.3
12	18.7	17.1	A	17.8	A	19.2	16.8	18.2	16.7	16.3	17.9	17.1
13	19.1	19.2	30.7	17.7	A	21.7	16.7	16.9	16.6	16.3	18.9	16.9
14	24.5	21.7	A	17.5	A	18.9	16.6	16.5	16.5	16.3	17.4	16.8
15	23.4	A	A	17.4	A	18.1	16.6	16.4	16.4	16.3	16.9	16.8
16	19.9	A	A	17.4	A	17.6	16.6	16.4	16.4	16.8	16.8	16.9
17	18.9	A	A	17.5	A	17.3	17.2	16.4	16.3	16.8	16.7	17.0
18	18.5	A	A	18.3	16.7	17.1	17.0	16.4	16.8	16.6	16.7	16.9
19	18.1	A	A	18.0	A	17.0	16.9	16.3	24.2	16.5	16.6	16.8
20	17.9	A	A	20.0	A	16.9	16.6	16.3	17.7	16.4	16.6	21.4
21	17.8	19.1	A	27.1	A	16.8	16.6	16.3	17.1	16.4	16.6	20.9
22	17.8	A	A	23.1	A	16.7	19.2	16.6	21.6	16.4	20.7	18.4
23	17.9	A	A	19.6	A	16.6	18.0	16.9	20.1	16.4	19.8	19.0
24	17.8	A	A	18.7	A	16.6	17.5	20.2	17.5	16.4	17.8	20.7
25	17.6	A	A	18.2	A	16.7	17.1	17.0	16.9	16.3	17.4	18.7
26	17.5	A	A	17.8	A	17.0	17.1	16.5	20.5	16.3	17.3	18.4
27	17.4	A	19.6	17.6	16.6	16.8	23.2	17.4	20.7	16.3	17.1	18.4
28	17.5	A	19.0	17.5	A	16.7	24.4	21.1	17.7	16.4	17.0	19.4
29	17.4	A	19.1	A	A	16.6	18.8	17.9	17.0	16.4	16.9	19.7
30	17.3		19.5	A	A	16.5	17.2	16.9	16.7	16.7	16.9	18.5
31	17.2		19.9		A		16.8	16.6		17.5		18.0

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

MEAN	19.11						18.05	17.22	18.37	16.47	17.19	17.79
MAX.	26.5						24.9	23.5	27.2	17.5	20.7	21.4
MIN.	17.2						16.6	16.3	16.3	16.3	16.5	16.7

A- NO RECORD.
E- ESTIMATED.
HIGHEST STAGE WAS NOT DETERMINED.
LOWEST STAGE WAS 16.27 ON OCT 15.

DAILY STAGES FOR 1991

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-14-27, LONG. 89-13-03. MILE 62.4, ON RIGHT BANK AT THE DOWNSTREAM END OF THE MAIN CHANNEL BRIDGE ON U.S. HIGHWAY 51, 3.2 MILES NORTHEAST OF TRIMBLE, TN AND 2.0 MILES SOUTHWEST OF OBION, TN AND 1.6 MILES DOWNSTREAM OF THE FORMER GAGE LOCATION. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. DIGITAL ADR RECORDER DRIVEN BY A FLUID DATA SYSTEM BALANCE BEAM STAGE SENSOR. THE OUTSIDE GAGE IS A WIRE-WEIGHT GAGE MOUNTED ON DOWNSTREAM HANDRAIL OVER THE CENTER OF MAIN CHANNEL. DUE TO CHANNEL IMPROVEMENTS, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

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RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

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DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 245.17 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	35.6	19.7	22.7	25.0	20.3	18.5	16.8	16.2	16.9	A	16.6	A
2	35.4	19.2	29.7	22.5	19.3	22.6	16.5	16.2	16.8	16.2	17.0	A
3	34.7	19.0	28.3	20.7	18.7	21.9	17.2	16.1	16.8	16.1	16.9	A
4	33.6	18.9	25.0	20.0	18.5	18.6	19.9	16.1	16.4	16.1	16.7	A
5	32.3	23.0	22.0	19.8	20.0	20.9	17.4	16.2	19.6	16.3	16.6	A
6	32.2	31.5	20.5	19.4	20.5	22.3	17.0	16.3	19.1	16.5	16.5	A
7	33.3	32.4	19.9	19.0	18.9	20.6	16.5	16.1	16.5	16.3	16.5	A
8	33.9	33.2	19.4	21.5	18.3	18.0	16.6	16.2	16.6	16.2	16.5	A
9	34.0	33.1	19.1	24.4	21.7	17.4	A	16.4	17.6	16.2	16.4	A
10	33.7	32.1	18.9	29.4	20.0	17.1	17.0	16.6	17.6	16.2	16.4	A
11	33.4	30.5	18.9	27.4	24.6	17.1	16.9	18.0	16.8	16.1	16.4	A
12	33.1	28.6	19.0	25.2	25.6	18.2	16.8	17.0	16.6	16.1	16.4	A
13	32.1	29.2	19.1	28.4	30.2	27.2	17.6	16.6	16.8	16.1	16.4	A
14	30.9	31.6	19.0	30.9	30.5	27.7	17.4	16.7	16.4	16.2	16.3	A
15	29.5	32.1	18.7	31.8	29.9	26.8	17.5	16.5	16.2	16.3	16.4	A
16	28.4	31.8	18.6	31.7	30.0	23.4	16.7	16.4	16.2	16.4	16.4	A
17	26.6	30.9	18.8	30.7	28.2	19.3	16.5	16.3	16.1	16.2	16.5	A
18	24.3	31.9	21.2	28.9	28.2	18.3	16.5	16.3	16.1	16.2	16.4	A
19	22.6	32.6	20.1	26.6	27.0	17.8	16.4	16.2	16.3	16.2	16.7	A
20	21.5	33.2	19.2	24.1	23.4	17.5	16.4	16.1	16.3	16.2	21.8	18.8
21	20.9	33.3	18.9	21.8	21.0	17.7	16.3	16.1	16.1	16.2	18.9	18.7
22	20.3	33.0	27.7	21.0	19.5	20.0	16.3	16.1	16.0	16.2	A	19.1
23	19.9	32.1	30.4	20.1	18.9	21.1	16.3	16.1	16.0	16.2	A	20.9
24	19.8	30.8	30.5	19.4	18.7	20.4	16.3	16.1	16.1	16.2	A	22.2
25	19.6	29.1	29.1	19.0	20.9	19.8	16.2	16.0	16.4	16.4	A	20.3
26	19.3	27.1	25.5	18.6	24.3	18.0	16.5	16.0	16.3	16.5	A	19.2
27	19.3	24.5	21.9	18.6	21.0	17.4	16.4	16.1	16.2	17.5	A	18.8
28	19.3	21.5	21.3	19.5	21.2	17.1	16.2	16.5	16.1	17.6	A	18.5
29	19.4		21.3	24.9	20.2	17.0	16.2	18.5	16.1	16.9	A	19.1
30	21.2		27.7	23.7	20.1	16.7	16.2	17.3	16.0	16.7	A	18.7
31	21.1		27.7		19.3		16.2	17.3		16.6		18.3

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

MEAN	27.13	28.78	22.58	23.80	22.54	19.88	16.47	16.63	16.46
MAX.	35.6	33.3	30.5	31.8	30.5	27.7	18.5	19.6	21.8
MIN.	19.3	18.9	18.6	18.6	18.3	16.7	16.0	16.0	15.5

A- NO RECORD.
HIGHEST STAGE WAS 35.61 ON JAN 1.
LOWEST STAGE WAS 15.46 ON NOV 24.

* THE USGS AMENDED THE DAILY STAGES FROM NOV. 22 TO DEC. 15.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

MEAN DAILY STAGE IN FEET — GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	24.6	26.9	20.5	27.1	A	A	A	A	A	A	A	A
2	20.6	30.5	21.1	23.5	A	A	A	A	A	A	A	A
3	19.4	31.9	20.4	20.6	A	A	A	A	A	A	A	A
4	18.8	33.2	19.8	19.6	A	A	A	A	A	A	A	A
5	18.7	34.2	19.4	19.1	A	A	A	A	A	A	A	A
6	18.1	34.7	19.2	19.0	A	A	A	A	A	A	A	A
7	17.8	34.9	19.0	19.2	A	A	A	A	A	A	A	A
8	A	34.4	23.5	18.7	A	A	A	A	A	A	A	A
9	17.5	33.8	27.9	18.4	A	A	A	A	A	A	A	A
10	17.3	33.8	26.6	18.4	A	A	A	A	A	A	A	A
11	17.2	33.8	24.2	18.6	A	A	A	A	A	A	A	A
12	17.2	33.4	22.1	18.4	A	A	A	A	A	A	A	A
13	17.1	32.8	22.3	18.0	A	A	A	A	A	A	A	A
14	16.9	31.8	21.1	17.9	A	A	A	A	A	A	A	A
15	16.9	32.1	24.8	18.4	A	A	A	A	A	A	A	17.4
16	16.8	33.6	29.5	18.3	A	A	A	A	A	A	A	18.0
17	17.2	34.5	27.8	22.3	A	A	A	A	A	A	A	19.9
18	21.6	34.9	24.7	27.2	A	A	A	A	A	A	A	32.1
19	21.4	34.9	22.3	23.4	A	A	A	A	A	A	A	33.5
20	26.6	34.8	20.8	21.0	A	A	A	A	A	A	A	35.2
21	27.5	34.8	19.9	26.9	A	A	A	A	A	A	A	36.5
22	23.7	32.8	19.3	26.4	A	A	A	A	A	A	A	37.9
23	20.7	30.8	19.0	22.1	A	A	A	A	A	A	A	38.4
24	19.4	29.5	18.8	19.9	A	A	A	A	A	A	A	39.0
25	18.6	27.9	19.8	19.1	A	A	A	A	A	A	A	39.0
26	18.1	26.0	19.6	18.5	A	A	A	A	A	A	A	38.2
27	17.8	23.6	18.9	18.2	A	A	A	A	A	A	A	37.2
28	17.8	21.1	18.6	26.9	A	A	A	A	A	A	A	36.5
29	26.6		19.2	A	A	A	A	A	A	A	A	36.0
30	29.3		25.2	A	A	A	A	A	A	A	A	35.5
31	27.6		29.6		A		A	A		A		35.5

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

MEAN	31.83	22.09
MAX.	34.9	29.6
MIN.	21.1	18.6

A- NO RECORD.
HIGHEST STAGE RECORDED WAS 38.99 ON DEC. 24.
LOWEST STAGE RECORDED WAS 16.82 ON JAN. 16.
FROM DEC. 14, 1990 TO DATE, ZERO OF GAGE IS 245.17 FEET N.G.V.D.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

MEAN DAILY STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	32.6	18.4	28.0	29.3	17.0	17.1	17.6	17.4	17.0	21.9	16.3	16.5
2	31.8	18.2	26.5	27.4	16.9	20.6	27.0	17.3	18.4	19.5	16.3	16.4
3	30.5	30.5	24.9	29.5	16.9	19.6	31.1	17.0	16.8	18.3	16.3	16.4
4	29.0	32.2	24.1	31.8	16.9	17.6	31.7	16.8	16.5	18.0	16.3	16.4
5	27.3	32.4	30.6	32.6	17.2	17.2	31.6	16.7	16.4	17.6	16.3	16.5
6	26.5	31.7	32.0	33.0	17.3	18.0	30.5	16.6	16.4	17.1	16.5	16.4
7	24.5	30.2	32.4	32.8	17.1	17.2	29.2	16.6	16.3	16.8	16.8	16.5
8	25.8	28.4	32.2	32.5	17.0	16.9	27.5	16.5	16.3	16.6	18.0	16.5
9	23.8	26.5	31.6	32.0	17.1	17.1	25.0	16.5	16.3	16.5	19.2	16.5
10	21.1	23.9	A	30.9	17.3	16.8	21.6	16.5	16.3	16.4	17.3	16.6
11	20.5	20.8	A	29.5	17.1	17.1	20.9	16.4	16.3	16.3	16.9	16.5
12	29.0	19.3	A	28.0	16.9	30.1	20.7	16.4	16.3	16.3	16.8	16.5
13	31.5	22.0	A	26.4	16.8	31.7	20.6	16.4	16.2	16.2	16.7	16.5
14	32.4	32.3	A	24.5	16.8	32.0	18.8	16.4	16.7	16.2	16.6	16.5
15	33.2	34.3	A	22.7	16.7	32.0	18.1	16.4	17.6	16.2	16.9	16.5
16	33.5	36.2	19.6	20.8	16.7	30.9	17.8	16.4	16.8	16.3	18.5	16.5
17	33.5	37.4	A	19.4	16.7	29.1	17.6	16.4	16.7	23.1	17.8	16.5
18	33.2	A	A	18.8	16.6	27.7	17.5	16.4	16.7	22.9	17.1	16.4
19	32.8	A	A	18.5	16.6	29.5	24.5	16.3	16.6	19.9	16.9	16.4
20	32.1	36.0	A	18.2	16.6	27.8	24.2	16.3	16.5	19.1	16.7	16.4
21	30.8	35.6	A	18.0	16.6	24.4	19.5	16.7	16.4	18.2	16.6	16.4
22	29.3	35.3	A	17.8	17.3	20.3	18.4	16.6	16.3	17.7	16.6	16.4
23	27.7	34.6	27.0	17.7	18.5	18.4	17.8	16.4	16.3	17.3	16.9	16.4
24	25.8	33.7	A	17.5	17.3	18.1	17.9	16.4	16.2	17.0	16.9	16.4
25	23.2	32.8	A	17.5	16.8	17.7	19.6	16.4	16.2	16.8	16.8	16.4
26	21.8	31.8	A	17.3	17.0	17.5	17.7	16.4	16.2	16.7	16.8	16.6
27	21.0	30.5	A	17.3	25.2	20.0	17.3	16.4	16.2	16.6	16.7	16.9
28	19.2	29.3	A	17.2	21.6	24.4	17.1	16.3	16.2	16.5	16.6	16.7
29	19.0		A	17.4	18.0	20.4	17.0	16.3	16.2	16.4	16.5	16.7
30	19.0		28.9	17.1	17.5	18.2	16.9	17.7	17.6	16.4	16.5	17.9
31	18.8		29.7		17.3		17.4	17.5		16.3		22.9

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

MEAN	27.10			23.77	17.46	22.18	21.61	16.60	16.56	17.64	16.90	16.74
MAX.	33.5			33.0	25.2	32.0	31.7	17.7	18.4	23.1	19.2	22.9
MIN.	18.8			17.1	16.6	16.8	16.9	16.3	16.2	16.2	16.3	16.4

A- NO RECORD.
HIGHEST STAGE WAS NOT DETERMINED.
LOWEST STAGE WAS 16.15 ON SEP 28.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.8	21.4	17.1	24.1	15.6	15.2	15.1	22.8	15.2	22.5	15.5	30.2
2	33.1	27.2	17.2	25.7	15.5	15.2	15.1	19.9	15.2	22.6	15.4	28.7
3	31.8	30.4	18.0	22.8	15.5	15.2	15.1	16.3	15.2	18.6	15.4	26.8
4	30.5	30.0	19.8	21.4	17.4	15.2	15.0	16.1	15.4	16.8	15.5	24.3
5	29.1	28.5	18.3	19.1	16.5	15.1	15.0	15.6	15.4	16.6	22.6	20.5
6	27.3	26.1	17.8	18.3	15.9	15.1	15.4	15.6	15.3	16.5	21.1	18.1
7	25.9	22.8	17.6	19.7	15.7	15.1	15.0	15.5	15.2	16.2	17.6	17.6
8	22.3	19.7	17.3	17.6	15.6	15.1	15.0	15.5	15.2	15.9	16.6	17.3
9	19.4	18.8	19.1	17.0	15.6	15.1	14.9	15.4	15.2	15.8	16.3	17.0
10	17.8	18.3	20.5	16.7	15.6	15.1	14.9	15.4	15.2	15.7	16.7	16.9
11	17.5	18.1	20.9	16.5	15.5	15.0	14.9	15.4	15.2	15.6	16.7	16.7
12	17.3	18.0	18.6	16.4	15.5	15.0	15.2	15.3	15.2	15.5	16.2	16.6
13	17.8	17.9	20.0	16.4	15.4	15.0	25.0	15.3	15.2	15.4	16.0	16.6
14	18.0	17.9	18.3	16.2	15.4	15.0	26.7	15.3	15.1	15.4	15.9	16.5
15	17.2	28.8	17.7	16.1	15.4	15.0	21.3	15.2	15.1	15.3	15.8	16.4
16	17.2	28.6	17.3	16.1	15.3	15.0	16.6	15.2	15.1	15.4	16.1	16.4
17	17.5	25.8	17.0	16.0	15.3	15.0	16.0	15.2	16.1	15.4	16.9	16.3
18	21.4	22.9	17.3	17.1	15.3	15.0	15.8	15.2	16.0	15.4	18.2	16.3
19	22.1	22.0	18.0	17.4	15.3	15.0	16.6	15.2	18.0	15.3	31.9	16.2
20	32.2	25.8	17.4	16.6	15.3	15.0	19.1	16.1	16.5	15.3	33.4	16.2
21	33.4	21.6	17.0	16.3	15.2	15.0	17.3	16.5	15.6	15.3	34.7	19.0
22	34.2	19.7	16.8	16.1	16.3	14.9	16.5	15.5	15.4	15.3	35.2	21.6
23	34.5	19.0	16.6	16.1	16.8	14.9	15.9	15.3	15.4	15.4	35.1	23.4
24	34.1	18.5	16.6	16.0	16.3	14.9	15.7	15.3	18.0	15.5	34.4	27.8
25	33.3	18.1	16.9	15.9	16.2	14.9	16.5	15.3	17.1	15.5	33.5	29.6
26	32.0	17.7	18.0	15.8	15.8	14.9	16.0	15.2	16.1	15.4	32.8	29.6
27	30.5	17.5	16.9	15.8	15.5	14.9	15.8	15.2	15.6	15.4	33.2	29.2
28	29.0	17.5	16.5	15.7	15.5	14.9	15.6	15.2	15.5	16.2	33.1	31.9
29	27.2	17.3	16.4	15.6	15.4	14.9	15.5	15.3	15.4	16.3	32.5	32.7
30	25.1		16.6	15.6	15.3	14.9	15.4	15.2	15.4	15.7	31.4	33.2
31	21.9		17.3		15.3		19.2	15.2		15.6		33.1

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

MEAN	25.95	21.93	17.77	17.54	15.68	15.01	16.67	15.83	15.64	16.21	23.52	22.34
MAX.	34.5	30.4	20.9	25.7	17.4	15.2	26.7	22.8	18.0	22.6	35.2	33.2
MIN.	17.2	17.3	16.4	15.6	15.2	14.9	14.9	15.2	15.1	15.3	15.4	16.2

HIGHEST STAGE WAS 35.17 ON NOV. 22.
LOWEST STAGE WAS 14.85 ON JUN. 27.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.5	16.8	A	17.2	15.9	17.0	17.3	A	15.2	15.4	15.2	16.8
2	16.5	17.8	32.1	17.2	15.8	15.9	20.2	A	15.2	15.2	15.2	16.6
3	16.4	18.6	32.0	17.2	15.8	15.6	16.3	A	15.2	15.2	15.2	16.4
4	16.4	17.5	31.4	17.0	15.8	15.5	19.8	15.2	15.1	15.2	15.2	16.2
5	16.4	17.0	30.3	16.7	15.8	15.4	25.0	15.2	15.1	15.2	15.2	16.0
6	16.4	16.8	28.0	16.5	15.7	15.4	17.6	15.2	15.1	15.2	15.2	15.9
7	16.4	16.7	25.3	16.5	15.7	15.4	16.3	15.2	15.1	15.2	15.2	15.8
8	16.3	16.6	21.6	16.4	15.7	15.3	15.9	15.1	15.1	15.2	15.2	15.8
9	16.3	16.5	19.2	16.4	15.6	15.3	15.7	15.1	15.3	15.2	15.2	15.7
10	16.5	16.3	18.3	16.3	15.6	15.3	21.2	21.9	15.1	15.2	15.9	15.7
11	16.5	16.3	17.8	16.4	16.4	15.3	16.3	17.4	15.1	15.2	17.4	15.6
12	16.4	16.3	17.5	16.4	15.7	15.3	15.7	15.7	15.1	15.2	16.1	15.6
13	16.2	16.3	17.6	16.3	15.8	16.9	15.5	15.4	15.1	15.2	15.8	15.6
14	16.4	16.3	17.3	24.4	15.7	15.4	15.6	15.4	15.2	15.2	15.7	16.5
15	16.3	16.7	17.1	23.4	18.8	15.4	15.5	15.3	15.2	15.2	15.6	27.2
16	16.3	A	17.0	20.1	16.8	15.7	15.4	15.3	15.9	15.2	15.5	24.5
17	16.2	A	17.1	19.6	15.8	17.1	15.4	15.3	19.2	15.2	17.7	18.4
18	16.3	A	18.4	18.5	15.6	15.9	15.3	15.3	18.3	15.1	16.0	17.0
19	16.9	A	19.7	17.7	19.4	16.8	15.3	15.6	15.9	15.1	15.7	16.7
20	17.1	A	19.5	17.2	15.9	16.4	15.2	15.3	15.5	15.2	15.6	16.9
21	16.7	A	18.1	16.9	15.7	16.1	15.2	15.2	15.4	15.2	15.6	16.7
22	16.6	A	17.6	16.7	15.6	17.2	15.2	15.2	15.4	15.2	15.5	16.4
23	16.6	A	17.3	16.6	15.6	17.8	15.2	15.2	15.4	15.3	15.4	16.2
24	16.5	A	17.0	16.4	15.7	16.0	15.3	15.3	15.3	15.2	15.5	16.3
25	16.4	A	16.9	16.3	15.8	15.6	18.0	15.2	15.3	15.2	16.1	31.4
26	16.4	A	16.8	16.2	15.8	21.2	15.7	15.2	15.2	15.2	16.3	32.6
27	16.3	A	16.6	16.1	15.8	16.4	15.3	15.2	15.2	16.3	18.5	33.8
28	16.3	A	16.5	16.1	15.7	15.6	15.3	15.4	15.2	15.5	17.6	34.7
29	16.4		16.4	16.0	15.6	15.5	15.2	15.2	15.2	15.4	22.7	35.0
30	16.8		16.4	15.9	15.5	15.4	A	15.2	15.3	15.3	17.7	34.9
31	17.1		16.9		15.6		A	15.2		15.2		34.3

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

MEAN	16.47			17.36	15.98	16.10			15.50	15.25	16.15	20.88
MAX.	17.1			24.4	19.4	21.2			19.2	16.3	22.7	35.0
MIN.	16.2			15.9	15.5	15.3			15.1	15.1	15.2	15.6

A- NO RECORD.
HIGHEST OBSERVED STAGE WAS 35.02 ON DEC. 29.
LOWEST OBSERVED STAGE WAS 15.08 ON SEP. 13.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.5	16.4	16.9	16.5	16.1	16.2	15.8	15.7	15.3	15.4	16.5	16.6
2	16.5	16.5	17.0	16.5	16.5	17.7	15.8	15.6	15.3	15.7	15.6	16.8
3	16.5	30.9	16.8	16.5	16.3	21.1	15.8	15.6	15.3	15.6	15.5	16.9
4	16.4	31.5	16.7	16.4	16.1	18.9	15.7	15.5	15.4	15.6	15.6	16.6
5	16.4	31.6	16.7	16.4	16.0	25.6	15.7	15.5	15.5	17.0	15.7	16.4
6	16.4	31.3	16.7	16.6	16.0	27.9	15.6	15.5	15.5	16.8	17.6	16.3
7	16.4	30.8	16.7	16.8	16.0	26.3	15.6	15.5	15.5	15.9	16.6	16.3
8	16.3	29.0	16.6	27.0	15.9	25.2	15.6	15.5	15.4	15.6	26.1	16.3
9	16.3	26.7	16.5	26.7	15.9	25.6	15.6	15.6	15.4	15.5	27.5	29.5
10	16.2	23.7	16.5	20.7	16.5	29.7	15.6	15.5	15.4	15.5	23.3	30.9
11	16.3	20.9	16.5	18.3	16.0	27.9	15.6	15.8	15.4	15.5	20.6	30.5
12	16.3	19.6	22.8	17.6	16.0	28.2	15.6	15.7	15.7	15.5	22.0	28.0
13	16.3	18.8	29.2	17.2	15.9	24.8	16.7	15.5	15.4	15.9	20.0	25.0
14	16.3	18.5	26.9	16.9	15.9	21.5	15.9	15.5	15.3	15.7	18.6	21.0
15	16.4	27.0	22.9	16.9	23.0	19.6	17.6	15.4	15.3	15.6	17.5	18.6
16	16.3	25.3	20.0	16.6	22.7	17.9	15.8	15.5	15.3	15.5	17.1	17.8
17	16.3	28.1	18.6	16.5	17.7	17.1	15.7	15.9	15.4	15.5	16.8	17.4
18	16.4	25.6	18.0	16.4	19.1	16.7	15.6	15.7	15.5	15.5	16.6	17.2
19	22.5	22.0	18.6	16.4	17.3	16.5	15.6	15.6	20.8	15.4	16.4	17.0
20	19.7	19.9	19.6	16.4	16.4	16.3	15.5	15.5	18.5	15.4	16.3	16.8
21	17.8	18.9	18.8	17.6	16.1	16.2	15.5	15.5	17.1	15.4	16.2	16.7
22	17.5	18.3	18.6	17.0	16.0	16.1	15.5	15.4	16.7	15.4	16.1	16.4
23	17.2	17.9	17.9	16.7	15.9	16.0	15.5	15.4	16.4	15.4	16.1	16.5
24	17.0	17.7	17.6	16.5	16.0	17.6	15.5	15.4	16.1	15.4	16.0	18.1
25	16.9	17.6	17.3	16.4	21.2	16.5	15.4	15.4	15.9	20.5	16.0	18.4
26	16.8	17.4	17.0	16.4	20.5	16.0	15.4	15.4	15.8	17.3	16.5	17.5
27	16.7	17.3	16.9	16.3	18.6	15.9	16.3	15.4	15.7	16.3	18.1	17.2
28	16.5	17.0	16.7	16.2	17.5	15.8	18.2	15.4	15.6	16.0	17.2	17.0
29	16.5		16.7	16.5	17.5	15.8	17.0	15.3	15.5	15.8	17.0	16.8
30	16.4		16.7	16.2	17.1	15.8	16.1	15.3	15.5	15.7	16.8	16.7
31	16.4		16.6		16.4		15.8	15.3		15.7		16.6

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

MEAN	16.85	22.72	18.42	17.50	17.24	20.08	15.88	15.50	15.89	15.91	17.92	19.03
MAX.	22.5	31.6	29.2	27.0	23.0	29.7	18.2	15.9	20.8	20.5	27.5	30.9
MIN.	16.2	16.4	16.5	16.2	15.9	15.8	15.4	15.3	15.3	15.4	15.5	16.3

HIGHEST STAGE WAS 31.58 ON FEB. 5.
LOWEST STAGE WAS 15.28 ON SEP. 14.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	30.2	20.8	18.8	24.5	28.1	16.3	17.4	16.0	17.6	19.4	19.5	19.5
2	30.1	20.8	18.8	20.1	30.5	16.3	17.9	15.9	16.1	17.1	19.4	26.3
3	27.7	21.8	18.5	18.8	27.7	16.2	16.7	16.0	15.9	16.5	18.0	20.7
4	25.1	20.8	18.4	18.2	23.9	16.1	16.8	15.9	16.1	16.3	17.1	18.6
5	22.9	27.7	19.5	17.7	19.7	16.2	16.2	15.9	17.2	16.1	16.8	18.0
6	21.7	19.7	18.9	20.0	18.1	17.2	30.5	26.0	26.6	16.0	16.6	17.7
7	21.0	21.4	18.3	18.5	17.7	24.6	30.2	18.5	18.7	16.0	16.5	17.3
8	22.3	19.8	18.1	17.8	20.9	19.0	26.8	16.8	16.7	15.9	16.4	17.1
9	21.4	18.7	14.6	17.5	E 18.1	17.0	21.9	16.3	16.9	15.9	16.3	17.0
10	20.7	18.3	23.5	17.3	17.5	16.5	18.3	16.1	16.2	15.8	16.3	16.9
11	22.6	29.8	20.5	17.3	17.3	20.7	17.5	19.0	16.1	15.8	16.3	17.0
12	20.3	30.8	19.6	17.1	17.1	28.1	17.1	16.2	16.0	15.8	16.3	27.4
13	19.0	30.7	18.9	17.0	21.3	21.0	16.9	16.0	15.9	15.8	16.6	22.5
14	18.5	29.9	18.5	16.9	19.2	17.5	16.7	15.9	15.9	15.8	16.4	20.7
15	18.3	28.4	18.5	22.0	17.1	16.8	16.5	15.9	15.8	17.8	16.3	18.9
16	17.9	26.1	18.1	18.8	16.7	16.5	17.3	17.6	15.8	16.9	24.1	18.1
17	18.4	23.6	17.8	17.7	16.5	16.3	16.6	20.4	15.8	16.3	26.6	17.8
18	19.8	25.6	17.6	17.4	16.4	16.7	16.3	17.8	15.8	16.1	20.6	17.5
19	19.5	28.9	17.6	17.1	16.3	16.6	16.2	16.9	15.7	16.0	18.1	17.2
20	18.9	28.1	17.4	17.0	16.3	16.3	16.1	17.2	15.7	16.4	17.5	16.9
21	18.1	25.6	17.3	16.8	16.2	16.2	16.1	16.6	15.7	25.3	18.0	16.8
22	19.0	23.0	18.1	16.7	18.8	16.3	16.0	16.3	15.7	19.6	17.2	16.7
23	19.2	20.9	19.1	16.6	28.0	21.4	17.2	16.1	15.7	17.3	16.9	16.8
24	19.0	28.8	18.4	26.1	23.1	17.6	16.2	20.9	16.6	29.0	16.7	16.9
25	18.7	27.1	18.1	23.9	18.5	17.1	16.1	23.1	16.2	26.4	16.6	16.8
26	18.6	23.0	17.7	19.1	17.4	17.1	16.0	17.8	19.2	19.8	16.7	16.5
27	17.6	20.4	17.5	19.8	16.9	16.7	20.3	16.6	17.6	17.6	27.1	16.5
28	17.6	19.3	17.7	26.5	16.6	23.5	17.0	16.3	16.5	17.1	28.7	16.5
29	17.5		17.6	22.5	16.5	18.0	16.3	16.2	16.2	16.8	25.4	16.5
30	17.3		17.5	18.6	16.4	17.1	16.1	16.1	16.1	16.7	21.1	16.5
31	26.6		25.1		16.3		16.0	16.0		18.4		16.5

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

MEAN	20.82	24.27	18.58	19.17	19.38	18.10	18.16	17.36	16.73	17.80	18.89	18.26
MAX.	30.2	30.8	25.1	26.5	30.5	28.1	30.5	26.0	26.6	29.0	28.7	27.4
MIN.	17.3	18.3	14.6	16.6	16.2	16.1	16.0	15.9	15.7	15.8	16.3	16.5

E- ESTIMATED.
HIGHEST STAGE WAS 30.77 ON FEB. 12.
LOWEST STAGE WAS 14.59 ON MAR. 9.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.4	17.3	18.4	21.0	27.1	17.8	16.7	17.8	15.7	15.5	16.9	20.6
2	17.4	17.2	17.8	19.4	26.0	17.3	16.4	16.9	15.6	15.5	21.7	19.3
3	18.6	18.3	17.3	28.4	23.6	17.0	16.2	16.4	15.6	15.5	19.4	18.5
4	18.3	18.6	17.0	29.0	27.7	16.8	16.1	16.6	15.6	15.5	17.7	18.0
5	18.6	17.8	30.6	26.6	29.3	16.7	19.4	16.5	15.7	15.4	17.5	17.6
6	18.9	17.4	31.3	23.0	28.7	16.6	19.3	16.3	15.7	18.5	17.2	21.5
7	18.7	17.0	31.5	20.6	31.6	16.6	17.8	16.3	15.7	31.2	16.9	19.4
8	18.8	16.8	31.3	19.2	33.2	16.5	16.7	16.1	15.6	30.9	16.7	18.0
9	17.8	16.8	30.6	19.6	34.2	16.4	16.4	16.1	15.7	28.9	16.7	17.9
10	18.7	16.8	29.2	20.1	34.8	16.3	16.2	16.0	16.1	25.6	25.6	17.8
11	19.1	21.7	26.8	19.1	35.1	16.3	16.0	15.9	15.9	21.2	28.7	17.6
12	17.8	23.0	23.9	18.5	34.7	16.2	20.6	16.7	15.9	17.8	26.1	17.4
13	17.3	25.9	21.2	18.2	33.8	16.3	18.2	16.0	15.8	17.0	21.6	17.4
14	17.3	22.9	19.6	17.9	32.7	16.3	16.6	15.9	15.7	16.8	19.3	17.4
15	17.1	19.4	18.6	17.6	31.3	16.3	16.2	15.8	16.9	16.6	18.3	17.2
16	16.8	18.4	24.6	17.5	29.8	17.2	18.5	16.0	15.7	16.5	18.5	17.1
17	16.8	17.8	26.0	17.5	28.0	17.5	18.3	16.0	15.5	24.3	17.7	17.0
18	16.7	17.4	27.7	17.4	26.0	16.4	23.4	15.9	15.5	21.3	22.0	27.6
19	16.6	18.5	25.2	17.1	24.0	16.2	20.4	15.8	15.5	18.5	31.1	29.2
20	16.4	19.1	29.6	17.0	21.9	16.6	17.5	15.7	15.5	21.1	31.4	27.3
21	16.3	17.7	30.0	16.9	19.9	18.4	17.1	15.7	15.5	23.9	31.3	29.8
22	16.3	17.3	28.9	25.9	19.4	16.9	16.8	15.7	15.5	21.9	30.5	30.7
23	16.3	17.1	26.2	26.2	E 19.7	18.2	16.4	15.7	15.5	23.2	28.6	29.9
24	28.7	17.0	23.3	22.7	23.3	19.2	16.1	15.6	15.6	27.7	25.8	27.4
25	27.9	16.8	25.1	20.0	21.0	16.9	16.0	15.6	15.5	22.6	21.7	29.0
26	24.5	16.6	25.5	18.8	18.7	16.5	15.9	15.6	15.5	19.4	18.9	27.9
27	21.4	17.0	22.6	17.8	18.1	16.3	26.9	15.5	15.5	18.2	18.4	25.0
28	19.4	22.3	25.3	19.5	28.7	16.1	26.1	15.5	15.5	17.5	28.7	21.7
29	18.5	19.4	28.0	21.8	25.0	17.0	23.2	15.6	15.5	17.6	27.3	19.9
30	18.3		25.7	28.3	20.9	17.2	20.2	15.7	15.5	17.0	23.1	20.4
31	17.8		22.9		18.7		18.7	15.8		16.8		30.0

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

MEAN	18.73	18.59	25.21	20.75	26.68	16.86	18.39	16.02	15.65	20.30	22.51	22.10
MAX.	28.7	25.9	31.5	29.0	35.1	19.2	26.9	17.8	16.9	31.2	31.4	30.7
MIN.	16.3	16.6	17.0	16.9	18.1	16.1	15.9	15.5	15.5	15.4	16.7	17.0

E- ESTIMATED.
HIGHEST STAGE WAS 35.14 ON MAY 11.
LOWEST STAGE WAS 15.44 ON OCT. 5.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.6	17.8	16.3	16.2	30.1	21.6	23.1	15.5	15.2	15.2	15.3	24.4
2	32.5	23.1	16.3	20.0	30.4	20.0	18.3	15.5	15.2	15.1	15.3	20.8
3	30.9	22.4	16.6	26.6	31.8	19.3	21.1	15.5	15.2	15.1	18.3	20.3
4	29.3	19.5	16.4	23.5	32.3	22.2	28.8	15.4	15.2	15.1	18.5	31.7
5	27.7	18.1	16.4	20.6	32.3	20.4	28.4	15.4	15.2	15.3	17.2	31.9
6	26.0	18.0	25.8	28.5	31.6	18.6	28.0	15.4	15.2	15.3	16.1	31.9
7	24.2	21.1	22.0	26.6	30.4	17.8	25.0	15.5	15.2	15.2	15.8	31.5
8	21.9	18.8	19.5	28.7	28.7	17.3	18.2	15.5	15.2	15.2	15.7	30.7
9	19.4	17.9	18.9	29.5	26.8	17.0	16.7	15.4	15.2	15.2	15.5	29.2
10	18.1	17.6	17.9	28.1	24.8	16.8	16.4	15.4	15.2	15.1	15.5	26.8
11	17.6	24.8	17.1	25.3	22.6	16.6	16.2	15.4	15.2	15.2	15.5	24.7
12	17.3	22.3	16.8	22.3	21.2	16.5	16.0	15.6	15.2	15.2	15.5	26.0
13	17.1	19.7	16.6	19.8	29.5	16.4	16.0	15.4	15.9	15.3	15.4	22.8
14	17.0	18.6	16.5	30.0	28.2	16.3	15.9	15.4	15.6	15.5	15.4	22.3
15	16.9	17.8	16.4	30.5	30.5	16.5	15.8	15.4	15.3	15.5	15.5	25.8
16	16.8	17.4	16.3	30.1	32.0	16.4	15.8	15.4	15.3	15.4	15.8	22.8
17	16.6	17.1	16.2	28.2	32.7	16.4	15.8	15.3	15.2	15.4	15.7	19.6
18	16.6	16.9	16.2	26.1	32.8	16.3	16.1	15.3	15.2	15.7	15.6	18.4
19	16.4	16.7	16.3	23.8	34.0	17.0	15.8	15.3	15.2	15.7	15.5	17.8
20	16.4	16.6	16.3	21.3	34.6	17.5	15.7	15.4	15.2	15.6	27.6	17.4
21	16.8	16.4	17.9	19.6	35.0	16.4	15.7	15.3	15.2	15.5	24.7	17.2
22	22.2	16.4	17.5	18.6	35.1	16.1	15.6	15.3	15.2	15.6	19.2	30.2
23	27.5	16.5	16.9	18.6	34.8	16.1	15.7	15.3	15.2	17.2	18.7	36.3
24	26.1	16.8	16.6	29.7	34.0	16.1	15.6	15.3	15.2	16.9	31.5	28.9
25	23.0	16.6	16.4	29.5	33.0	16.2	15.6	15.3	15.2	15.7	31.6	28.9
26	20.3	16.6	16.2	27.7	31.7	16.1	15.5	15.3	15.3	15.6	31.7	28.9
27	18.8	16.4	16.5	25.3	30.1	16.3	15.5	15.3	15.2	15.4	30.5	28.9
28	18.1	16.4	16.6	22.6	28.4	16.5	15.5	15.3	15.2	15.4	30.7	28.9
29	17.6		16.3	20.0	26.8	16.3	15.5	15.7	15.2	15.4	29.5	28.8
30	19.1		16.2	20.6	25.2	23.3	15.5	15.3	15.2	15.4	27.2	28.8
31	18.3		16.2		23.4		15.5	15.2		15.3		28.8

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

MEAN	21.29	18.37	17.24	24.59	30.15	17.54	17.88	15.38	15.26	15.47	20.20	26.17
MAX.	33.6	24.8	25.8	30.5	35.1	23.3	28.8	15.7	15.9	17.2	31.7	36.3
MIN.	16.4	16.4	16.2	16.2	21.2	16.1	15.5	15.2	15.2	15.1	15.3	17.2

HIGHEST STAGE WAS 36.28 ON DEC. 23.
LOWEST STAGE WAS 15.12 ON OCT. 4.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.9	29.6	17.9	16.3	17.2	15.4	15.7	15.0	15.3	15.1	14.8	19.8
2	15.9	27.9	17.5	16.0	17.2	15.6	15.4	14.9	18.6	15.1	14.8	19.0
3	23.5	26.0	17.3	29.5	16.8	15.4	15.2	14.8	16.1	15.0	14.9	17.8
4	29.2	27.9	17.1	29.3	16.5	15.3	15.6	14.8	15.3	15.0	14.8	31.3
5	29.0	25.3	17.1	27.6	16.4	15.5	21.3	14.8	15.0	14.9	14.8	31.9
6	27.0	22.4	16.8	23.6	16.2	15.6	17.3	14.7	14.9	14.9	14.8	31.9
7	24.0	19.9	16.7	19.8	16.2	15.4	17.0	15.0	14.8	15.0	14.7	31.2
8	20.6	18.3	16.7	17.7	16.1	15.3	16.7	15.3	14.8	15.1	14.9	29.6
9	17.8	29.2	16.6	20.8	16.1	15.2	21.1	15.1	14.8	15.2	14.9	27.5
10	16.8	29.1	16.6	18.7	16.0	15.3	16.9	15.3	14.8	15.4	14.8	24.8
11	16.8	28.1	16.5	17.8	15.9	16.0	15.7	15.1	14.8	15.1	14.8	21.5
12	16.8	26.0	18.8	17.3	15.8	15.3	15.5	14.9	14.7	15.0	14.9	19.1
13	16.8	24.0	17.7	16.9	15.8	15.3	15.2	14.8	21.7	15.0	15.0	17.8
14	16.8	21.2	19.4	16.7	15.7	15.3	15.1	15.1	28.7	15.0	15.0	17.2
15	16.8	19.9	22.6	16.5	15.7	15.2	15.0	14.9	28.7	15.0	14.9	20.6
16	16.8	19.6	22.2	17.5	16.1	15.4	15.0	14.9	19.3	14.9	14.9	30.5
17	16.8	21.2	20.0	30.6	15.7	18.2	15.0	14.8	29.4	14.9	14.9	30.7
18	16.8	19.6	19.1	31.0	15.7	16.1	14.9	15.1	27.6	14.9	15.0	29.8
19	16.8	18.2	17.9	30.5	15.6	15.5	15.5	15.0	25.2	14.9	15.0	27.7
20	16.7	17.7	17.4	29.7	15.6	15.3	15.2	14.9	22.2	14.9	15.1	25.7
21	27.6	17.5	19.2	28.7	15.8	15.2	15.0	14.8	17.8	14.9	15.3	22.4
22	29.2	17.1	18.9	26.3	15.7	15.2	14.9	14.8	16.3	15.0	15.4	19.3
23	31.4	16.9	17.4	23.3	15.6	15.1	14.8	14.7	15.8	14.9	15.4	17.9
24	31.9	16.7	16.9	19.9	15.6	15.1	14.8	14.8	15.6	14.9	15.4	17.8
25	32.0	16.6	16.6	17.8	15.5	15.0	14.8	22.6	15.4	14.9	15.2	19.8
26	31.8	16.4	16.5	17.4	15.5	15.0	14.9	20.9	15.3	14.9	15.1	31.6
27	31.3	16.6	16.3	18.6	15.5	16.2	15.2	17.5	15.4	14.9	15.8	32.9
28	29.9	18.6	16.1	18.1	15.5	17.4	14.9	15.9	15.3	14.8	28.5	34.0
29	27.7		16.1	17.5	15.6	16.4	14.9	15.3	15.2	14.8	27.2	34.5
30	26.1		16.1	17.6	15.5	16.1	15.0	15.0	15.1	14.8	22.9	34.8
31	28.8		16.3		15.4		14.9	15.1		14.8		34.5

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

MEAN	23.06	21.69	17.68	21.63	15.92	15.61	15.75	15.50	18.13	14.96	16.13	25.96
MAX.	32.0	29.6	22.6	31.0	17.2	18.2	21.3	22.6	29.4	15.4	28.5	34.8
MIN.	15.9	16.4	16.1	16.0	15.4	15.0	14.8	14.7	14.7	14.8	14.7	17.2

HIGHEST STAGE WAS 34.81 ON DEC 30.
LOWEST STAGE WAS 14.73 ON AUG 23.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.3	17.9	20.9	20.3	15.8	18.5	16.4	15.4	16.3	14.8	15.6	20.2
2	15.3	27.6	18.5	18.2	15.2	16.9	15.6	15.3	15.9	14.7	15.5	19.1
3	15.3	24.8	16.8	17.1	15.0	29.3	15.6	15.2	18.3	14.7	15.4	17.4
4	15.2	20.3	17.1	16.5	15.0	25.8	15.5	15.5	16.6	14.7	15.2	17.1
5	15.2	18.7	28.6	28.4	15.0	25.7	16.1	15.1	16.0	14.7	15.2	16.5
6	15.1	17.6	27.0	25.4	15.0	30.5	23.6	15.1	15.6	14.8	15.3	15.9
7	15.3	16.8	23.5	19.8	15.0	32.0	25.0	20.6	15.4	14.8	15.2	15.7
8	15.5	16.5	20.1	17.0	15.0	33.0	23.5	16.3	15.2	14.8	15.1	15.5
9	15.4	16.4	17.9	16.8	15.0	33.4	21.6	16.0	15.1	14.8	15.1	15.5
10	15.4	16.2	17.0	17.0	15.5	33.2	19.3	15.7	15.0	14.8	15.1	15.3
11	15.3	20.6	16.5	16.5	19.2	33.1	17.2	15.4	15.0	14.8	15.1	15.3
12	15.2	19.3	16.3	16.2	16.3	32.8	16.3	15.2	14.9	14.8	15.0	15.3
13	15.1	16.9	16.0	15.9	15.7	32.5	15.9	15.1	14.9	14.8	15.1	15.2
14	15.2	16.5	15.9	15.8	17.7	31.8	15.6	15.0	14.9	14.8	15.0	15.2
15	15.2	16.3	15.8	15.6	17.4	31.0	23.0	15.0	14.1	14.9	15.0	15.3
16	15.3	16.3	15.8	15.5	15.8	29.9	20.6	15.0	18.8	14.9	15.0	15.3
17	15.2	17.4	15.8	15.4	15.4	28.3	16.9	19.4	15.7	14.9	15.3	15.3
18	15.1	18.6	15.7	15.6	15.3	26.3	18.5	16.9	15.1	26.6	15.2	15.3
19	15.1	17.4	15.6	15.6	16.2	24.0	20.6	16.1	15.0	26.4	15.2	15.2
20	15.2	17.1	15.5	18.0	19.8	21.3	16.1	16.0	14.9	24.5	15.3	15.2
21	15.4	16.6	15.4	17.8	16.6	17.9	25.1	15.7	14.9	21.1	15.4	15.2
22	15.7	16.3	15.5	16.1	15.5	16.8	20.4	15.4	14.8	19.2	15.1	23.0
23	15.6	16.2	15.5	19.5	15.6	16.6	16.6	15.6	14.8	17.8	15.1	25.2
24	15.5	16.0	15.6	21.5	15.3	16.8	16.5	15.2	14.8	17.0	16.6	22.0
25	15.5	15.8	15.4	17.1	15.5	16.3	23.3	15.1	14.8	16.3	16.0	19.3
26	15.4	15.7	15.4	16.0	15.8	16.1	17.5	14.9	14.8	16.0	15.5	18.2
27	15.4	15.6	15.3	15.7	21.4	16.0	16.1	15.8	14.8	17.9	15.4	17.2
28	15.4	15.6	15.3	15.5	16.4	15.9	15.7	21.4	15.4	17.0	16.3	17.0
29	15.3		15.3	15.5	15.5	15.8	16.3	18.3	15.0	16.4	15.8	16.5
30	15.5		27.5	15.8	16.0	15.6	16.1	18.1	14.8	16.1	15.6	16.2
31	16.5		25.5		19.9		15.6	16.4		15.8		16.0

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

MEAN	15.37	17.74	18.01	17.57	16.25	24.43	18.45	16.17	15.38	16.76	15.36	16.98
MAX.	16.5	27.6	28.6	28.4	21.4	33.4	25.1	21.4	18.8	26.6	16.6	25.2
MIN.	15.1	15.6	15.3	15.4	15.0	15.6	15.5	14.9	14.1	14.7	15.0	15.2

HIGHEST STAGE WAS 33.36 ON JUN. 9.
LOWEST STAGE WAS 14.09 ON SEP. 15.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.40 FEET ON JAN. 24, 1937 (EQUIVALENT STAGE FOR PRESENT DATUM IS 40.40 FEET). LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965 (EQUIVALENT STAGE FOR PRESENT DATUM IS 7.0 FEET). MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 209 CFS COMPUTED FOR AUG. 29, 1965 RECORD LOW STAGE.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.5	16.0	16.1	E 20.5	16.7	16.2	19.7	14.9	14.6	15.0	15.3	16.1
2	17.3	15.9	16.0	E 19.6	16.5	15.6	17.0	14.9	14.6	14.9	15.2	15.9
3	17.0	15.8	16.1	E 18.6	16.3	15.5	18.9	14.9	14.6	14.9	15.1	15.7
4	17.3	15.9	16.1	E 18.1	16.2	15.4	16.8	14.8	14.6	14.8	15.1	15.5
5	18.1	15.9	18.1	E 17.9	16.1	15.3	16.3	14.8	16.9	14.8	15.0	15.5
6	17.6	16.0	18.9	E 17.7	16.1	15.3	15.7	15.0	16.2	14.7	15.0	E 15.1
7	17.3	16.0	17.4	E 17.6	16.1	15.3	16.9	14.9	15.1	14.7	14.9	E 15.0
8	18.0	16.0	26.4	E 28.2	16.0	15.2	16.0	14.8	16.2	14.7	14.9	E 15.3
9	17.4	16.1	23.1	E 27.5	15.9	15.5	15.5	14.8	14.9	14.8	14.9	E 18.6
10	17.0	16.3	20.0	E 24.4	15.9	15.3	15.6	14.8	14.7	14.7	14.9	E 17.4
11	18.7	16.2	18.7	22.6	15.8	15.2	15.4	14.8	14.6	14.7	14.9	E 16.7
12	24.4	16.2	17.5	27.7	15.7	15.2	15.3	14.8	14.6	14.7	14.9	E 16.3
13	19.6	16.1	17.4	25.7	16.7	15.2	15.1	14.8	14.6	14.7	14.9	E 17.1
14	18.2	16.0	17.2	29.7	16.5	15.1	15.1	14.8	14.6	14.7	14.9	E 15.6
15	17.6	16.6	16.8	30.2	16.0	15.1	15.0	15.0	14.6	14.7	15.1	E 15.3
16	17.2	29.4	16.5	29.2	15.9	15.1	15.0	14.9	14.6	14.7	15.4	E 15.2
17	17.7	29.2	27.2	27.2	16.2	15.1	15.0	14.8	14.8	14.6	16.7	15.5
18	18.3	27.5	29.0	24.6	18.1	15.1	15.4	14.9	15.3	28.9	28.0	15.5
19	17.6	24.9	27.8	21.5	17.9	15.1	15.0	14.9	15.0	24.3	24.4	15.4
20	17.4	22.4	25.3	19.2	17.1	15.1	14.9	14.8	14.9	17.9	19.2	15.3
21	17.1	20.5	29.4	18.1	16.3	15.1	14.9	14.8	14.9	16.0	17.3	15.2
22	16.9	19.0	29.7	17.6	16.0	15.1	14.9	14.7	15.2	15.6	16.5	15.2
23	18.5	18.1	29.7	17.2	16.8	15.1	23.1	14.6	16.4	15.4	16.1	15.3
24	17.7	17.7	29.9	17.1	17.0	22.9	19.9	14.6	17.0	15.1	16.0	15.4
25	17.3	17.1	E 30.2	16.8	16.5	20.0	17.2	14.6	15.9	15.4	16.0	15.7
26	17.2	16.8	E 29.9	17.4	16.2	16.3	15.6	14.6	15.6	15.3	15.7	15.5
27	16.8	16.5	E 28.8	17.4	15.9	15.7	15.4	14.6	15.4	15.1	19.1	15.4
28	16.7	16.5	E 25.8	17.5	15.7	15.4	15.2	14.6	15.1	18.2	20.5	15.4
29	16.5	16.3	E 22.9	17.1	15.6	15.4	15.1	14.6	15.0	16.2	17.3	15.3
30	16.3		E 22.1	16.8	15.8	26.6	15.0	14.6	15.0	15.6	16.5	15.4
31	16.1		E 21.6		15.7		15.0	14.6		15.4		15.4

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

MEAN	17.70	18.38	22.63	21.35	16.30	16.12	16.15	14.78	15.18	15.97	16.65	15.72
MAX.	24.4	29.4	30.2	30.2	18.1	26.6	23.1	15.0	17.0	28.9	28.0	18.6
MIN.	16.1	15.8	16.0	16.8	15.6	15.1	14.9	14.6	14.6	14.6	14.9	15.0

E- ESTIMATED.
HIGHEST STAGE WAS 30.16E ON MAR. 25.
LOWEST STAGE WAS 14.56 ON SEP. 2.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 34.70 FEET ON MAR. 31, 1975. LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEP. 1, 1936 (STAGE, -0.04).

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	28.1	17.6	31.6	26.4	16.9	20.9	15.0	15.9	18.3	16.2	17.2	29.1
2	29.1	16.7	30.7	31.4	16.5	17.5	15.0	15.5	17.8	15.6	16.6	27.4
3	28.6	16.3	29.5	32.3	21.9	16.5	21.8	15.4	16.7	15.5	16.0	24.8
4	26.9	16.8	31.3	33.1	30.8	17.0	16.6	15.1	15.9	15.4	15.6	21.1
5	24.4	16.6	31.3	34.1	31.7	16.3	15.8	15.0	15.4	15.4	15.4	18.2
6	22.4	16.2	30.4	34.5	32.3	16.0	15.5	14.9	15.1	15.3	15.3	17.5
7	20.7	16.1	28.9	33.5	32.5	15.8	15.3	14.9	14.9	15.3	15.2	17.1
8	19.0	16.0	27.3	32.2	32.3	15.9	15.1	14.9	14.8	15.2	15.1	16.7
9	17.3	15.8	25.3	32.0	31.5	15.8	24.2	14.8	14.7	15.1	15.4	16.4
10	17.3	14.8	24.6	31.7	30.1	15.6	22.6	14.8	14.6	15.1	17.1	16.3
11	17.3	15.6	24.6	30.8	28.2	15.4	20.6	21.5	14.6	15.2	17.0	16.2
12	17.3	15.7	22.5	30.9	27.3	15.3	18.7	19.7	14.6	15.1	16.3	16.3
13	16.0	18.0	21.3	30.9	28.1	15.3	24.2	16.6	14.6	15.1	16.1	30.1
14	23.0	19.8	20.0	30.8	25.3	15.3	22.4	16.0	18.3	15.0	15.9	30.7
15	19.6	26.9	19.0	30.5	22.9	15.2	19.0	15.6	20.4	15.0	15.5	30.8
16	17.0	26.3	18.1	29.8	20.5	15.1	18.6	15.2	18.4	15.0	15.4	30.5
17	16.8	21.7	17.6	28.4	18.1	15.1	17.7	15.0	17.6	15.0	15.3	29.4
18	19.7	18.1	17.3	26.5	16.9	15.1	16.3	14.9	17.7	15.0	15.3	27.6
19	20.2	16.9	17.0	24.5	16.5	15.0	15.6	14.8	17.4	15.0	15.2	24.8
20	27.9	16.4	18.5	22.4	16.8	15.0	15.4	14.7	16.1	15.0	15.1	20.8
21	29.0	21.9	20.7	20.7	24.7	15.0	16.3	14.7	24.7	14.9	15.0	18.3
22	28.8	25.0	18.8	19.5	20.9	17.0	15.8	15.1	28.9	14.9	20.3	17.6
23	27.9	30.8	27.3	18.9	27.9	16.1	15.3	15.6	28.8	15.5	29.9	17.5
24	30.3	31.5	29.1	20.0	28.6	19.2	15.2	15.1	28.7	15.4	30.3	29.0
25	30.4	32.7	28.6	19.8	26.7	16.8	15.1	17.4	27.5	15.1	30.5	29.5
26	29.8	33.0	27.0	19.5	23.1	15.9	16.1	17.3	25.8	15.0	31.2	29.0
27	28.2	32.8	25.0	20.8	20.0	15.5	18.2	16.7	23.8	15.0	31.2	27.5
28	27.2	32.1	23.3	19.0	18.2	15.3	17.0	16.0	21.0	15.1	31.0	25.3
29	24.5		20.8	18.1	17.4	15.2	17.3	16.2	17.8	15.5	30.8	22.4
30	21.6		18.6	17.4	16.6	15.1	16.0	15.2	16.3	15.7	30.3	19.0
31	19.1		20.1		16.4		15.7	17.7		15.5		18.0

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

MEAN	23.39	21.36	24.07	26.68	23.80	16.01	17.53	15.87	19.04	15.22	19.88	23.06
MAX.	30.4	33.0	31.6	34.5	32.5	20.9	24.2	21.5	28.9	16.2	31.2	30.8
MIN.	16.0	14.8	17.0	17.4	16.4	15.0	15.0	14.7	14.6	14.9	15.0	16.2

HIGHEST STAGE WAS 34.46 ON APR 6.
LOWEST STAGE WAS 14.58 ON SEP 13.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. MILE 62.4, ONE HALF MILE SOUTH OF OBION, TENNESSEE ON U.S. HIGHWAY 51 BRIDGE. THE MOUTH OF OBION RIVER IS 819.3 MILES UPSTREAM ON THE MISSISSIPPI RIVER FROM HEAD OF PASSES.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRIOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 34.70 FEET ON MAR. 31, 1975. LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 252 CFS COMPUTED FOR SEP. 1, 1936 (STAGE, -0.04).

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.2	A	23.6	16.6	16.5	15.3	14.1	13.8	14.2	13.7	A	14.7
2	15.1	A	21.4	16.4	18.1	15.1	16.6	13.8	14.1	13.7	A	14.6
3	14.9	A	28.2	16.2	16.7	15.0	14.2	13.8	14.0	A	A	15.0
4	14.8	A	28.3	16.1	20.3	14.9	14.4	13.8	13.9	A	A	30.4
5	14.8	A	26.2	16.0	22.9	14.7	14.1	13.8	13.8	A	A	30.7
6	15.1	A	23.5	15.9	19.2	14.6	14.0	13.8	13.8	A	A	30.3
7	15.3	16.0	23.5	15.7	18.5	15.4	14.0	13.8	13.8	A	A	29.6
8	28.8	15.7	27.2	15.5	28.8	16.7	14.1	13.8	13.8	A	A	31.6
9	29.7	15.5	26.1	15.3	29.4	15.9	14.1	13.8	13.7	A	A	33.3
10	30.2	15.4	22.9	15.3	28.8	14.9	14.3	13.8	13.8	A	13.9	33.6
11	30.3	15.4	20.2	20.9	27.1	14.7	14.7	14.3	13.7	A	13.9	34.0
12	30.2	15.4	18.7	19.1	24.5	14.5	14.3	16.9	13.7	A	13.9	34.2
13	29.7	18.2	18.1	16.6	23.6	14.4	14.1	16.2	14.2	13.7	13.9	33.6
14	A	27.8	28.8	15.8	23.1	14.4	16.8	15.1	14.5	13.7	13.8	32.6
15	A	26.4	29.5	15.4	19.6	14.3	14.7	14.6	14.7	13.9	13.8	31.2
16	A	24.6	29.4	15.3	17.3	14.2	14.3	14.3	14.7	13.9	14.0	29.8
17	A	24.3	27.6	15.1	16.4	14.2	14.2	14.0	14.4	13.9	15.0	28.2
18	A	21.6	24.9	20.8	15.9	14.2	14.0	13.9	14.1	13.9	17.0	26.3
19	A	19.1	22.6	21.3	15.6	20.1	14.0	13.8	14.0	13.9	15.0	24.3
20	A	17.7	19.7	16.5	15.4	16.2	13.9	13.7	13.8	13.9	14.7	22.2
21	A	18.1	17.8	15.6	19.2	15.3	14.0	13.7	13.8	13.9	14.5	22.3
22	A	17.6	20.5	15.3	16.7	14.7	13.9	13.6	13.7	13.8	14.3	21.5
23	A	17.1	18.5	15.3	15.9	14.8	13.9	13.7	13.8	13.8	14.4	19.1
24	A	17.5	17.6	15.5	15.5	14.7	13.8	13.7	13.8	13.8	14.9	18.0
25	A	22.1	27.4	16.9	15.3	14.4	13.9	13.7	13.8	13.7	14.7	17.2
26	A	26.1	25.6	16.0	15.1	14.3	13.9	13.7	13.7	13.9	14.5	16.5
27	A	23.7	21.1	15.4	14.9	14.2	13.9	13.6	13.7	A	25.1	16.0
28	A	20.5	18.8	15.1	14.8	14.1	13.9	13.7	13.7	A	18.2	15.7
29	A		17.7	14.9	16.2	14.1	13.9	14.4	13.7	A	15.5	15.5
30	A		17.2	15.3	18.6	14.3	13.8	15.7	13.7	A	15.0	15.5
31	A		16.9		15.8		13.8	14.7		A		16.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN			22.88	16.36	19.21	14.94	14.24	14.15	13.93			24.31
MAX.			29.5	21.3	29.4	20.1	16.8	16.9	14.7			34.2
MIN.			16.9	14.9	14.8	14.1	13.8	13.6	13.7			14.6

A- NO RECORD
HIGHEST STAGE WAS 34.22 ON DEC. 12.
LOWEST STAGE WAS 13.60 ON AUG. 27.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRYOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959; AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEPT. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 34.70 FEET ON MAR. 31, 1975. LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEP. 1, 1936 [STAGE, -0.04].

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.1	14.3	17.3	15.0	16.2	14.2	13.9	16.8	13.8	18.5	14.4	25.4
2	14.1	14.2	16.4	14.9	15.3	14.0	14.2	14.9	13.6	17.4	14.2	24.0
3	14.1	14.3	15.8	26.6	15.0	14.0	13.8	14.2	13.6	16.7	14.2	21.7
4	14.0	14.8	28.2	27.0	22.4	13.9	13.7	13.9	13.6	15.4	20.1	19.8
5	14.1	15.4	28.7	26.6	25.6	13.8	13.7	13.8	13.5	14.8	17.3	22.9
6	14.3	15.0	28.7	23.8	20.0	13.8	13.7	13.7	13.9	14.5	17.8	26.5
7	14.4	14.6	28.1	20.4	18.3	13.8	13.6	13.6	13.8	14.3	18.2	26.6
8	14.4	14.4	26.9	18.2	16.0	13.8	13.6	13.5	13.6	14.4	16.5	27.7
9	14.4	14.3	24.8	17.6	15.4	13.8	17.1	14.8	13.6	15.6	16.0	28.6
10	14.5	14.3	22.5	16.4	14.9	13.7	17.7	14.4	13.6	15.0	15.5	28.6
11	14.5	14.4	20.1	15.6	14.6	13.7	16.3	13.7	13.5	14.6	15.0	26.9
12	14.5	14.8	22.2	15.3	14.5	13.7	17.6	13.6	13.5	14.5	14.7	24.2
13	14.6	18.2	26.6	15.1	14.4	13.7	15.3	13.7	13.5	14.3	14.5	21.8
14	14.6	16.5	24.1	15.0	14.3	13.7	14.7	16.1	21.0	14.2	14.3	26.5
15	16.9	15.9	20.6	14.9	14.3	14.0	14.3	23.4	15.4	14.1	14.2	25.1
16	16.4	15.4	18.5	14.7	14.2	13.9	14.0	15.4	16.3	14.0	14.3	21.5
17	16.3	15.1	18.1	14.7	14.2	13.8	13.8	20.5	14.8	14.0	18.3	18.9
18	16.3	14.8	17.9	14.6	14.1	13.9	13.7	18.3	14.2	14.0	16.8	18.1
19	16.3	14.7	17.0	14.6	14.2	13.8	13.7	15.2	14.1	13.9	15.8	17.1
20	16.3	14.6	16.0	14.6	14.1	13.9	13.6	14.4	14.5	13.9	15.6	16.5
21	16.3	14.5	15.6	14.5	14.1	13.8	13.9	14.1	14.1	13.9	24.3	16.1
22	16.3	14.4	15.5	14.5	14.0	14.9	13.7	13.9	13.9	13.9	27.6	15.7
23	16.3	14.4	15.6	18.7	18.3	15.2	15.3	13.8	13.7	13.9	26.2	15.6
24	16.3	20.1	15.3	21.3	16.3	14.5	14.5	14.0	13.7	13.8	22.1	15.4
25	16.3	20.0	15.2	20.8	17.4	14.1	13.8	13.8	23.2	13.9	20.4	15.4
26	16.2	17.3	15.0	17.6	15.9	18.2	14.3	13.7	26.1	15.6	18.6	15.2
27	14.6	18.2	15.0	16.7	15.0	16.8	14.0	13.7	24.0	15.3	18.1	15.1
28	15.4	19.6	15.2	16.2	14.3	14.8	13.8	13.6	26.1	15.1	18.8	15.0
29	15.3		16.1	15.6	14.2	14.2	14.4	13.6	20.8	15.3	18.6	14.9
30	14.6		15.6	16.4	14.5	14.0	13.8	16.0	18.7	15.0	25.9	14.9
31	14.4		15.2		14.3		17.2	14.5		14.7		15.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	15.19	15.65	19.60	17.59	15.81	14.24	14.53	14.91	16.05	14.78	17.93	20.54
MAX.	16.9	20.1	28.7	27.0	25.6	18.2	17.7	23.4	26.1	18.5	27.6	28.6
MIN.	14.0	14.2	15.0	14.5	14.0	13.7	13.6	13.5	13.5	13.8	14.2	14.9

HIGHEST STAGE WAS 28.77 AT 1000 P.M., MAR. 5.
LOWEST STAGE WAS 13.44 AT 600 A.M., SEP. 13.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRYOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959; AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEPT. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 34.70 FEET ON MAR. 31, 1975. LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEP. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 246.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	24.1	19.4	A	31.9	14.9	16.7	18.2	15.8	14.0	14.1	14.9	14.5
2	22.1	17.1	A	32.0	14.9	17.5	15.6	15.2	14.0	14.0	14.5	14.4
3	27.8	16.1	A	31.3	14.9	24.3	15.6	14.6	14.0	14.0	14.3	14.4
4	27.8	15.8	A	30.3	14.8	20.1	29.1	14.4	14.0	13.8	14.2	14.3
5	25.8	15.8	A	29.0	14.7	17.8	30.0	14.3	14.5	13.8	14.1	14.3
6	23.7	19.6	A	27.3	14.6	17.3	29.4	14.2	14.2	13.9	14.0	14.3
7	21.7	17.6	A	24.9	15.6	17.1	28.2	14.2	14.1	14.0	14.0	14.3
8	21.8	16.4	A	22.7	15.4	17.0	26.5	14.1	14.0	14.0	14.0	14.5
9	19.7	16.2	26.3	20.3	14.9	15.7	25.0	14.2	14.7	13.9	13.9	14.4
10	17.3	25.9	26.9	17.9	14.7	15.1	22.9	14.1	17.4	13.8	13.9	14.3
11	16.6	22.9	24.4	16.1	14.6	14.8	19.1	14.1	14.6	13.9	14.0	14.3
12	18.0	A	22.3	15.8	14.7	14.6	16.1	14.1	14.2	13.8	14.0	14.5
13	17.3	A	20.5	15.7	14.6	14.5	15.4	14.1	14.0	13.8	14.0	14.6
14	18.1	A	19.0	15.5	17.0	14.4	15.2	14.0	13.9	13.8	14.0	14.5
15	17.2	A	17.6	15.4	26.0	14.4	15.0	14.3	13.8	13.8	14.1	14.4
16	16.6	A	16.5	15.3	26.2	15.1	15.6	14.7	13.8	13.7	14.2	14.4
17	16.3	A	16.0	15.2	26.4	15.1	15.8	14.4	13.8	13.8	14.2	14.3
18	15.8	A	15.7	15.0	27.6	14.8	15.6	14.1	13.8	13.8	14.1	14.3
19	15.4	A	15.5	14.9	26.4	15.1	14.8	14.1	13.8	13.8	14.1	14.3
20	15.3	A	15.4	14.9	23.1	15.2	14.6	14.0	13.8	13.9	14.2	14.2
21	15.4	A	20.1	14.9	20.0	14.7	14.5	14.0	13.8	14.4	14.0	14.2
22	15.4	A	19.0	15.0	17.0	14.5	14.5	14.0	13.9	14.3	14.0	14.2
23	15.3	A	16.8	15.0	16.0	14.7	14.4	14.0	13.8	14.1	14.0	14.1
24	15.4	A	16.0	14.9	15.5	22.7	14.4	13.9	13.8	15.8	14.1	14.1
25	24.0	A	15.8	22.0	15.2	25.6	14.4	13.9	13.7	17.7	14.1	14.1
26	28.6	A	15.7	19.3	15.0	23.1	14.3	13.9	13.8	18.8	14.2	14.2
27	28.6	A	15.7	16.5	14.8	19.2	14.3	13.9	13.8	15.9	17.5	14.3
28	27.7	A	17.1	15.8	14.8	16.8	14.4	14.0	14.0	15.2	15.9	14.3
29	26.0		27.5	15.3	17.3	15.6	14.4	15.4	14.2	14.8	15.0	14.3
30	24.3		30.8	15.0	16.8	17.7	14.3	15.1	14.2	14.5	14.7	14.2
31	22.1		31.6		15.7		14.4	14.3		15.5		14.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	20.67		19.49	17.54	17.03	17.93	14.29	14.10	14.45	14.33	14.30
MAX.	28.6		32.0	27.6	25.6	30.0	15.8	17.4	18.8	17.5	14.6
MIN.	15.3		14.9	14.6	14.4	14.3	13.9	13.7	13.7	13.9	14.1

A- NO RECORD
HIGHEST STAGE WAS 32.00 AT 1000 P.M., APR. 1.
LOWEST STAGE WAS 13.72 AT 1100 A.M., OCT. 16.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRYOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L. RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 33.37 FEET ON JAN. 14, 1974. LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEP. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 246.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18.5	20.7	28.1	34.0	24.2	24.9	14.0	15.6	14.6	14.2	15.4	28.1
2	18.3	27.0	26.2	33.2	24.2	20.3	14.0	17.8	14.3	14.1	15.4	28.0
3	24.7	27.3	23.8	32.0	24.2	17.2	14.0	17.0	14.2	14.0	14.9	25.9
4	25.6	25.6	21.3	30.5	21.0	16.6	14.0	25.2	14.1	14.0	14.7	23.3
5	21.8	26.4	19.2	29.1	19.5	15.8	18.0	25.4	14.1	14.0	14.6	20.7
6	18.4	28.0	17.4	27.3	17.2	15.3	21.5	21.3	18.4	14.0	15.3	19.8
7	16.6	27.3	16.5	25.2	25.7	15.0	22.9	17.9	17.1	14.0	21.6	25.6
8	15.7	25.4	18.2	23.1	27.5	14.7	19.4	16.3	14.5	14.0	22.1	21.8
9	26.1	24.2	16.8	21.4	28.1	14.6	17.1	15.5	14.2	14.1	17.6	18.5
10	27.0	22.6	16.3	21.9	27.8	19.5	15.1	15.1	14.1	14.1	22.2	16.9
11	29.4	20.9	26.7	20.7	27.2	18.6	14.5	14.9	14.1	14.0	24.2	16.1
12	29.7	21.5	30.8	20.0	26.4	23.9	14.3	14.7	20.3	14.0	19.7	15.7
13	29.6	19.4	32.7	18.8	25.3	20.4	15.2	14.6	18.0	14.0	17.2	15.2
14	28.9	17.5	33.8	18.1	23.4	16.4	14.7	14.5	15.2	14.0	16.1	A
15	28.0	16.6	34.2	17.7	21.7	16.7	14.3	14.6	14.5	13.9	15.6	A
16	26.9	16.3	34.1	17.2	19.4	16.4	14.1	15.9	14.3	14.0	15.2	A
17	25.1	17.0	33.7	16.7	17.2	15.4	14.1	15.7	14.2	16.9	14.9	A
18	23.0	16.7	32.6	16.4	22.6	15.1	14.0	15.4	14.2	21.2	14.7	A
19	20.4	16.1	31.9	20.0	22.2	14.7	14.0	15.0	14.2	19.1	14.7	A
20	20.0	15.7	30.9	19.9	18.5	14.5	26.9	14.7	15.7	16.7	14.6	A
21	18.0	15.4	29.6	17.3	17.2	14.4	30.6	14.5	15.7	15.9	15.4	A
22	17.1	15.2	28.3	16.5	16.2	14.4	31.5	14.4	14.7	15.3	15.2	A
23	16.6	25.6	28.1	16.0	15.6	14.3	31.5	14.3	14.4	14.8	14.9	15.0
24	16.0	29.2	27.8	15.8	15.2	14.2	30.5	14.3	14.4	14.5	14.8	14.9
25	15.7	29.7	26.9	18.4	15.1	14.1	29.8	14.2	15.9	14.4	14.7	14.9
26	15.6	30.0	25.3	21.3	15.0	14.1	28.5	14.1	16.0	15.7	14.6	27.5
27	15.3	29.9	24.0	17.4	15.6	14.1	26.9	14.1	15.4	15.2	17.7	28.0
28	15.1	29.3	30.2	16.4	15.5	14.1	23.0	15.0	14.9	14.9	17.7	26.5
29	15.0		32.3	16.0	17.2	14.2	19.7	16.2	14.6	14.7	16.2	23.9
30	15.0		33.3	16.0	16.8	14.1	16.0	16.6	14.3	15.5	17.5	22.3
31	15.0		34.1		16.3		15.2	16.1		15.3		21.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	20.90	22.72	27.25	21.13	20.60	16.26	19.64	16.15	15.14	14.97	16.64	
MAX.	29.7	30.0	34.2	34.0	28.1	24.9	31.5	25.4	20.3	21.2	24.2	
MIN.	15.0	15.2	16.3	15.8	15.0	14.1	14.0	14.1	14.1	13.9	14.6	

A- NO RECORD
HIGHEST STAGE WAS 34.10 AT 800 A.M., MAR. 31.
LOWEST STAGE WAS 13.90 AT 400 P.M., OCT. 15.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY STAGES AND FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES. PRYOR TO 1974 ZERO OF GAGE WAS 261.48 FT. M.S.L. RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES;

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965. MAXIMUM, 99,500 CFSCOMPUTED FOR RECORD HIGH STAGE; MINIMUM, 232 CFS COMPUTED FOR SEP. 1, 1936 [STAGE, -0.04].

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 246.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.7	22.2	15.1	14.8	23.9	22.9	13.8	14.1	20.7	15.4	13.5	14.5
2	17.2	20.6	14.9	21.3	21.9	26.2	13.8	13.6	18.8	14.8	13.5	15.0
3	15.9	21.9	14.8	24.0	23.4	25.9	13.7	13.9	25.7	14.3	14.1	14.9
4	16.0	21.0	14.8	22.2	21.4	24.3	13.7	17.0	25.8	14.0	14.0	14.6
5	15.7	19.4	14.7	17.2	19.2	21.5	18.1	14.3	22.3	13.7	14.3	14.4
6	15.5	18.0	15.3	15.4	19.4	22.9	15.7	13.8	18.6	13.6	14.2	14.2
7	15.5	17.8	20.2	14.8	17.4	27.2	15.6	13.6	16.5	13.5	14.0	14.3
8	16.1	17.3	17.3	23.1	16.3	30.0	15.4	14.5	15.4	13.5	14.0	16.9
9	26.2	17.0	16.2	25.6	15.7	30.2	18.4	15.4	14.7	13.5	14.0	16.0
10	29.6	16.6	15.7	22.9	19.8	29.6	15.6	18.2	14.6	13.4	13.8	15.0
11	31.6	16.3	15.6	17.6	23.2	28.4	16.5	17.4	18.1	13.4	14.1	14.7
12	32.4	15.9	14.9	16.0	20.0	26.6	15.4	19.5	16.4	13.4	14.9	14.9
13	33.0	15.6	21.2	22.1	17.0	24.4	14.9	21.6	15.0	13.4	14.4	14.9
14	33.3	15.4	18.2	18.9	15.7	22.6	14.3	25.3	14.5	13.2	14.2	14.6
15	33.1	15.3	16.4	20.2	17.2	21.3	13.9	23.9	14.1	13.5	14.0	14.5
16	32.1	15.2	18.1	17.7	19.6	22.2	13.8	21.6	13.9	16.2	13.9	16.9
17	30.9	16.1	20.0	16.2	16.5	19.7	13.7	19.3	13.8	15.4	13.8	15.6
18	29.6	15.2	17.2	15.6	15.5	16.8	13.5	20.2	13.7	14.5	13.9	15.0
19	28.1	17.0	16.5	15.1	15.0	15.4	13.5	20.8	13.7	14.2	14.5	14.8
20	26.0	20.4	23.9	14.8	14.6	15.0	13.4	18.6	13.6	14.0	18.7	14.7
21	27.2	17.2	21.8	14.5	15.6	14.7	13.4	16.6	13.6	13.7	17.7	14.5
22	26.0	26.3	21.8	29.2	15.8	14.5	13.4	15.1	13.7	13.6	16.4	14.3
23	23.9	25.2	19.0	30.2	23.4	16.3	14.5	14.4	13.7	13.5	15.9	14.2
24	22.1	21.0	17.1	30.8	21.2	16.8	17.3	15.6	13.6	13.4	15.8	14.6
25	20.8	18.3	16.1	31.1	17.6	14.8	16.0	14.7	13.5	13.4	18.2	21.3
26	18.7	16.8	15.5	31.3	16.5	14.3	15.0	14.5	13.5	13.5	16.9	20.0
27	24.7	15.8	15.1	30.9	15.7	14.1	15.3	15.0	13.6	13.4	15.5	16.6
28	24.9	15.4	15.2	30.0	15.0	14.0	15.1	15.2	17.3	13.4	15.1	16.0
29	27.5		15.3	28.4	14.6	13.9	14.8	14.2	16.7	13.5	14.7	16.0
30	26.4		16.1	26.1	14.4	13.8	14.9	23.5	17.4	13.6	14.4	18.4
31	24.1		15.3		14.2		14.6	23.9		13.5		16.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	24.61	18.21	17.06	21.92	17.95	20.67	14.86	17.39	16.21	13.84	14.87	15.57
MAX.	33.3	26.3	23.9	31.3	23.9	30.2	18.4	25.3	25.8	16.2	18.7	21.3
MIN.	15.5	15.2	14.7	14.5	14.2	13.8	13.4	13.6	13.5	13.2	13.5	14.2

HIGHEST STAGE WAS 33.37 AT 1200 NOON, JAN. 14.
LOWEST STAGE WAS 13.20 ON OCT. 14.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965. MAXIMUM, 99,500 CFSCOMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEP. 1, 1936 [STAGE, -0.04].

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 261.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8.3	11.4	-1.0	8.0	12.3	8.0	-0.5	-0.5	-2.1	-1.7	-2.2	15.7
2	5.1	12.0	-1.0	5.5	14.6	6.9	-0.7	-0.9	-2.1	-2.0	-2.0	15.5
3	2.9	10.3	-0.4	4.1	15.6	5.5	-0.8	-1.4	-2.2	-1.9	-2.1	14.8
4	10.7	8.2	0.2	3.6	15.8	4.9	-1.0	-1.1	-2.2	-2.1	-2.3	13.9
5	8.5	5.8	0.0	3.6	15.5	3.1	-1.6	-1.0	-2.3	-2.1	-1.6	13.0
6	5.5	4.1	0.0	3.1	14.7	1.7	-0.9	-2.0	-2.3	-2.2	-1.4	10.9
7	3.4	6.4	3.2	2.7	13.4	1.0	-0.7	-2.1	-1.2	-2.2	-1.7	8.5
8	2.0	12.9	7.8	8.2	14.9	0.1	-1.0	-2.1	-1.2	-0.3	-1.9	6.0
9	1.2	13.5	5.5	7.7	14.6	-0.4	-1.4	-2.2	-1.9	-1.2	-2.0	3.9
10	0.7	13.3	3.2	7.9	12.2	-1.1	-0.9	-2.2	-1.1	-1.6	-2.0	2.2
11	0.3	12.6	12.9	5.8	10.6	-1.8	-0.6	-2.2	-1.8	-1.8	-2.2	0.8
12	-0.1	11.3	14.1	4.4	8.7	6.6	-0.7	1.0	-2.1	-2.0	-2.2	0.3
13	-0.4	10.1	14.0	3.2	6.7	7.7	-0.9	1.9	-2.2	-2.2	-2.2	0.0
14	-0.8	13.1	12.9	2.3	4.9	5.1	-1.0	6.0	-2.2	-1.9	2.1	-0.3
15	-0.3	14.3	12.0	1.6	4.1	2.3	-1.2	5.2	-2.1	-1.8	-2.1	-0.5
16	0.6	14.2	12.3	1.3	3.4	0.8	-1.4	1.6	-2.1	-2.0	-2.1	-0.6
17	0.3	12.8	13.5	3.0	2.7	-0.2	-1.5	-0.8	-2.2	-2.1	-2.1	-0.8
18	0.1	10.9	13.9	9.0	2.1	-0.8	-1.7	-1.6	-2.2	-2.2	-1.9	-0.9
19	2.1	9.1	13.4	12.8	1.5	-0.8	-1.9	-1.9	-2.3	-2.3	1.5	-0.9
20	1.2	7.2	12.9	15.3	1.1	7.6	-1.9	-2.0	-2.3	-2.3	-0.7	0.7
21	3.5	4.5	13.3	16.0	0.7	5.0	-1.6	-2.1	0.9	-2.3	6.6	2.3
22	14.4	2.1	12.6	17.4	0.2	1.6	-1.7	-2.2	-1.5	-2.3	6.9	0.1
23	15.0	0.8	11.0	17.9	5.2	-0.6	1.5	-2.2	-2.0	-2.3	2.4	-0.5
24	15.4	0.2	9.2	18.4	12.7	-1.0	-0.1	-2.2	-2.1	-2.3	13.6	-0.3
25	15.8	-0.2	7.4	18.5	11.6	-1.3	-0.5	-2.2	-2.2	-2.3	14.3	8.8
26	15.9	-0.5	7.2	18.1	10.6	-1.4	0.9	-2.2	-1.9	-2.3	14.5	7.0
27	15.6	-0.7	6.5	17.3	9.4	-1.4	-0.2	-2.2	-2.2	-2.3	15.5	13.4
28	14.9	-0.8	4.9	15.9	12.2	0.2	-1.4	-2.2	-2.2	-2.3	15.8	13.3
29	14.9		3.9	14.6	10.8	0.3	-1.9	-2.2	-2.0	-2.2	15.7	11.1
30	14.1		6.0	13.4	8.5	-0.1	-2.0	-1.8	-1.3	-2.2	15.6	9.2
31	12.7		7.9		6.7		1.5	0.0		-2.3		6.9
THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE												
MEAN	6.56	7.81	7.71	9.34	8.96	1.91	-0.90	-0.96	-1.89	-2.03	2.99	5.59
MAX.	15.9	14.3	14.1	18.5	15.8	8.0	1.5	6.0	0.9	-0.3	15.8	15.7
MIN.	-0.8	-0.8	-1.0	1.3	0.2	-1.8	-2.0	-2.2	-2.3	-2.3	-2.3	-0.9

HIGHEST STAGE WAS 18.57 AT 200 A.M., APR. 25.
LOWEST STAGE WAS MINUS 2.38 AT 400 A.M., OCT. 26.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEP. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET FROM OCT. 23 TO 25 AND ON SUBSEQUENT DAYS IN 1964 AND 1965. MAXIMUM, 99,500 CFSCOMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEP. 1, 1936 [STAGE, -0.04].

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 261.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.0	5.3	-1.1	1.2	0.4	-2.1	-1.9	8.0	-3.0	4.8	12.0	0.6
2	1.5	2.9	10.8	0.2	1.1	-2.5	-0.7	5.6	-3.0	1.8	11.8	0.0
3	2.7	1.8	6.8	-0.8	0.1	-2.7	4.8	2.2	-3.1	0.4	11.6	-0.5
4	1.6	1.3	4.5	5.5	0.2	-2.9	2.3	-1.0	-3.1	0.2	8.5	1.8
5	8.1	0.1	3.0	5.5	-0.6	-3.0	8.3	-1.8	-3.1	0.0	5.7	5.1
6	5.7	-0.9	2.4	1.8	-1.0	-3.1	2.8	-2.1	-3.1	-0.8	2.7	8.2
7	3.4	-1.0	2.1	0.7	-1.3	-3.1	1.2	2.2	-3.1	-1.9	6.4	10.0
8	2.1	-1.0	2.0	2.7	-1.4	-3.1	-0.2	1.1	-3.1	-2.5	12.6	12.0
9	1.9	2.5	1.5	2.7	3.8	-3.2	-0.8	-0.5	-3.1	-2.8	12.3	16.4
10	10.4	4.0	0.1	0.2	2.7	-1.1	-1.5	-0.3	-3.2	-3.0	10.2	17.3
11	8.7	1.4	-0.5	-0.8	1.6	-2.4	-2.5	-1.5	-3.2	-3.2	8.2	17.7
12	5.5	0.0	-0.8	-1.1	-0.1	-2.9	-3.0	-2.3	-3.2	-3.3	6.0	18.1
13	3.7	5.0	-1.1	1.4	-0.2	-3.0	-3.1	3.8	-3.2	-3.3	4.0	18.4
14	2.1	3.7	0.4	1.5	-0.7	-3.1	-3.1	1.0	-3.2	-3.3	11.4	18.1
15	0.5	1.2	-0.2	1.7	-1.4	-3.1	-3.2	-1.7	-3.2	-3.2	9.9	17.3
16	-0.9	0.0	2.0	0.2	-1.9	-3.2	-2.8	-1.5	-3.1	-3.0	7.2	16.4
17	-2.0	0.6	8.8	5.0	-2.2	-2.9	14.0	-2.1	-2.5	-3.0	4.9	15.3
18	-2.0	-1.0	5.9	0.5	-2.4	-3.1	14.1	-2.5	-2.5	-2.5	2.0	14.0
19	-1.8	-1.4	3.9	-0.9	-2.6	-3.2	13.0	-2.7	-2.8	6.2	3.5	12.7
20	-1.5	-1.7	2.2	-1.5	-2.7	-3.2	11.3	-2.8	-2.9	6.2	11.4	12.5
21	4.7	-1.8	0.9	0.2	-2.7	-3.3	9.0	-2.9	-3.0	6.1	10.9	11.2
22	1.6	-1.7	0.1	10.8	-2.8	-3.3	7.3	-2.9	-2.7	6.0	7.8	9.4
23	1.3	-1.4	-0.3	10.4	-2.8	-3.3	5.7	-1.4	-2.1	1.8	6.4	7.5
24	0.2	-1.4	-1.1	5.3	-2.9	-3.3	3.5	-2.2	-2.5	1.7	4.4	5.5
25	1.8	3.4	-1.5	2.3	-2.9	-3.3	2.1	-1.4	-2.6	1.7	3.0	4.1
26	3.1	2.0	-1.6	0.5	-2.2	-3.3	-0.5	-2.1	-2.9	0.2	6.1	2.7
27	3.8	1.5	-1.7	-0.1	-2.3	-2.2	-1.6	-2.2	-2.9	-1.0	4.6	1.9
28	11.7	-0.1	-0.8	-0.7	-2.2	1.6	8.0	-2.6	-1.5	5.3	2.2	1.2
29	12.1	-0.8	4.7	0.6	-2.4	3.4	11.7	-2.8	5.7	1.9	2.6	0.8
30	10.6		1.1	1.2	-1.8	5.0	11.9	-2.9	6.2	0.5	1.1	0.3
31	8.0		3.8		-0.4		10.7	-3.0		9.3		9.9
THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE												
MEAN	3.56	0.77	1.81	1.87	-1.10	-2.30	3.76	-0.82	-2.30	0.55	7.04	9.21
MAX.	12.1	5.3	10.8	10.8	3.8	5.0	14.1	8.0	6.2	9.3	12.6	18.4
MIN.	-2.0	-1.8	-1.7	-1.5	-2.9	-3.3	-3.2	-3.0	-3.2	-3.3	1.1	-0.5

HIGHEST STAGE WAS 18.40 AT 200 P.M., DEC. 13.
LOWEST STAGE WAS MINUS 3.34 FROM 1200 NOON TO 600 P.M., OCT. 13.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES.

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EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET ON OCT. 23 TO 25, 28 TO 30, NOV. 2, 3, 5, 6, AND 15 TO 18, 1964 AND AUG. 29 AND 30, 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEPT. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 261.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.0	-2.8	13.1	-1.3	-1.8	-3.3	-3.1	-3.3	11.1	-2.8	-- 2.9	-2.6
2	1.1	-3.0	10.5	2.2	-2.3	-3.1	-3.3	-3.5	9.2	-2.9	-3.1	-2.8
3	-0.8	-3.1	8.5	4.2	-2.7	-3.2	-3.4	-3.0	7.2	-3.0	-3.1	-2.8
4	1.6	-2.8	6.8	1.3	-3.0	-3.1	-3.5	7.0	8.3	2.1	-3.2	-2.8
5	6.6	3.2	5.1	0.1	-3.1	-3.3	-3.6	9.1	6.3	-2.3	-3.2	-2.7
6	2.5	2.8	3.7	-0.1	-2.8	-3.4	-3.6	7.3	2.8	-3.0	-3.2	-2.7
7	0.1	-0.1	4.5	-0.5	4.4	-3.4	-3.6	2.9	0.8	-3.2	-2.9	-2.1
8	-0.6	-1.0	3.0	-1.6	6.2	-3.4	-3.7	0.8	0.2	-3.3	-2.4	-1.9
9	-1.3	-1.7	1.5	-2.0	9.0	1.6	-3.7	-1.3	-0.6	-3.2	-2.7	0.0
10	-1.8	-2.3	0.8	-2.3	11.5	-2.2	-3.7	-2.3	-1.5	-3.2	-2.8	11.7
11	-1.9	-2.5	0.5	-2.5	10.9	-2.9	-3.6	-2.4	-2.0	-3.3	-2.9	11.5
12	-1.9	-1.3	-0.1	-2.6	11.9	-3.1	1.8	0.5	-2.4	-3.4	-2.9	7.9
13	-1.9	12.4	-0.5	-2.7	10.5	-3.3	-1.7	-1.8	-2.6	-3.3	-3.0	5.0
14	1.9	12.6	2.8	-2.7	10.1	-3.4	-3.1	-2.2	-2.7	-3.4	-3.0	2.7
15	1.2	12.3	1.4	-2.8	5.6	-3.0	-3.2	-2.6	-2.7	-3.3	-3.0	2.1
16	-0.8	11.2	1.3	-2.8	0.7	-1.4	3.8	-3.0	-2.8	-2.8	-3.1	7.3
17	-1.3	10.2	-0.1	-2.8	-1.2	-2.6	1.6	-3.3	-1.3	-3.3	-3.1	4.3
18	-1.6	8.6	-0.9	-2.9	-2.1	-3.1	-0.4	-3.4	-2.6	-3.3	-3.1	2.0
19	-2.1	6.7	-1.2	-2.9	-2.5	-3.2	-2.4	-3.5	-2.8	-3.4	-2.9	0.3
20	-2.5	8.9	-1.1	-2.9	-2.7	1.4	-3.0	-3.5	-2.9	-3.4	-2.1	-0.2
21	-2.8	7.3	-1.6	-2.9	-2.9	2.4	-3.3	-3.5	-0.7	-3.4	-2.5	0.2
22	-2.7	15.0	-1.8	-2.8	-3.0	-2.2	-3.4	14.4	-2.2	-3.4	-2.7	-0.8
23	-2.5	15.8	-1.9	-2.8	-3.0	-1.4	-3.5	16.2	-2.5	-3.4	-2.9	-1.3
24	-2.2	16.4	-2.0	-2.1	-3.0	-2.2	-3.5	16.6	-2.2	2.6	-2.9	-1.6
25	-2.2	17.0	-2.1	-2.4	-3.0	-3.1	-3.1	16.7	-2.5	6.3	-2.8	-1.9
26	-2.3	16.9	-2.0	-2.7	-2.5	-3.3	-2.9	16.8	3.0	2.0	-2.8	-2.1
27	-2.5	16.2	-1.7	-2.9	-2.8	-3.4	0.1	16.7	4.0	-0.1	-2.8	-2.2
28	-2.8	14.9	-1.6	-0.1	-2.9	-3.1	-2.7	16.1	-0.2	-1.3	-2.9	-2.3
29	-2.8		-1.7	-0.6	-3.1	-3.4	-0.8	15.6	-2.0	-2.1	-2.5	-2.1
30	-2.8		-0.8	-1.5	-3.2	-3.4	-2.5	13.5	-2.5	-2.5	-2.3	-2.0
31	-2.7		-1.6		-3.3		-2.9	11.8		-2.8		3.4
MEAN	-0.90	6.70	1.31	-1.61	0.77	-2.48	-2.39	4.49	0.37	-2.12	-2.86	0.69
MAX.	6.6	17.0	13.1	4.2	11.9	2.4	3.8	16.8	11.1	6.3	-2.1	11.7
MIN.	-2.8	-3.1	-2.1	-2.9	-3.3	-3.4	-3.7	-3.5	-2.9	-3.4	-3.2	-2.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

HIGHEST STAGE WAS 17.02 AT 1100 A.M., FEB. 25
LOWEST STAGE WAS MINUS 3.70 FROM 900 TO 1100 A.M., JULY 10

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEPT. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET ON OCT. 23 TO 25, 28 TO 30, NOV. 2, 3, 5, 6, AND 15 TO 18, 1964 AND AUG. 29 AND 30, 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEPT. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 261.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.8	-3.4	-2.8	-2.1	2.3	-3.3	-0.3	-3.6	-3.6	-3.4	-2.9	-3.0
2	15.0	-0.5	-2.7	5.8	10.0	-3.0	-1.8	-3.4	-3.6	-3.4	-3.0	-3.0
3	14.8	1.8	-1.3	8.5	7.0	-1.3	-2.1	-3.7	-3.6	-3.4	-3.1	-3.1
4	13.9	-1.3	12.1	6.8	2.6	-2.0	-2.4	-3.7	3.2	-3.5	-3.1	-3.1
5	12.1	-2.3	12.0	4.1	0.3	-2.2	-2.7	0.6	5.0	-3.6	-3.3	-3.2
6	9.8	-1.9	9.7	4.0	-0.7	0.4	-2.8	-2.5	6.7	-3.6	-3.3	-3.1
7	8.4	1.4	7.4	3.4	-1.2	-2.2	-2.9	-3.4	4.8	-3.6	-3.3	-2.8
8	8.0	3.9	5.1	2.4	-1.3	-2.9	-2.9	-3.7	3.3	-3.6	-3.3	-2.9
9	8.3	6.3	3.0	1.4	-1.3	-3.3	-2.9	-3.6	2.2	2.0	-3.3	-3.0
10	4.5	3.4	1.4	-0.9	-1.4	-3.5	-2.9	-3.2	1.0	3.0	-3.0	-3.1
11	0.0	0.9	-0.5	-2.1	12.7	-3.6	-3.0	-3.5	-0.1	-1.2	-2.8	-3.2
12	-3.5	-0.8	-1.8	-2.5	11.3	-3.7	-3.1	-3.6	-1.1	0.0	-3.0	1.2
13	-2.0	-1.7	-1.7	-2.7	7.2	-3.6	-3.2	-3.5	-1.3	4.1	-3.1	2.1
14	-1.4	-2.3	-2.1	-1.4	3.8	15.8	-3.2	-3.4	-1.2	10.8	-3.2	-1.1
15	-0.6	11.6	-2.4	-2.3	1.4	17.3	-3.2	-3.6	-1.0	6.4	-1.7	-2.1
16	-0.7	12.4	-2.6	-2.9	-0.3	18.0	-3.2	-3.7	-0.9	2.2	-2.0	1.5
17	-1.0	12.0	-2.8	-2.9	-1.7	18.0	-3.2	-3.8	-1.4	0.1	-2.6	6.6
18	-1.2	11.1	4.2	-2.4	-2.2	17.9	-3.3	-3.8	-2.7	-0.4	-2.8	2.4
19	-2.0	9.5	1.8	-2.3	-2.7	17.6	-3.3	-3.8	7.2	-0.4	-3.0	-0.3
20	-2.6	7.7	5.3	7.5	-2.9	16.9	-3.3	8.6	14.0	1.5	7.8	-1.4
21	-3.2	5.5	2.3	6.9	-3.0	16.4	-2.4	11.4	13.8	1.1	8.3	-1.5
22	-3.5	3.0	0.0	2.4	-3.1	15.8	-3.2	8.4	10.0	-1.2	2.5	13.0
23	-3.5	0.2	-0.8	0.4	-3.2	15.1	-3.4	4.9	5.5	-2.2	-0.4	14.3
24	-3.3	-1.3	-1.6	2.1	-3.2	14.7	-3.3	2.6	0.0	-2.6	-1.4	15.0
25	-2.7	-1.8	-2.2	7.6	-3.2	13.6	-3.4	-1.2	-0.9	-2.9	-2.1	15.1
26	-2.8	-2.2	5.0	11.3	-1.9	12.0	-3.2	-3.1	-2.2	-3.1	-2.4	15.1
27	-3.1	-2.6	5.7	10.5	-3.1	10.2	-3.1	-3.4	-1.9	-3.3	-2.6	14.7
28	-3.0	-2.7	1.4	8.7	-3.3	8.4	-3.2	-3.3	-2.7	-3.4	-2.8	13.4
29	-3.1		-0.8	7.1	-3.3	5.9	-3.5	-3.5	-3.1	-3.3	-2.9	11.4
30	-2.7		-1.2	4.2	-3.3	3.1	-3.5	-3.5	-3.3	-1.9	-3.0	9.2
31	-3.1		-1.7		-3.2		-3.6	-3.6		-2.5		6.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	1.66	2.35	1.53	2.68	0.29	6.75	-2.95	-1.57	1.40	-0.82	-1.83	3.27
MAX.	15.0	12.4	12.1	11.3	12.7	18.0	-0.3	11.4	14.0	10.8	8.3	15.1
MIN.	-4.5	-3.4	-2.8	-2.9	-3.3	-3.7	-3.6	-3.8	-3.6	-3.6	-3.3	-3.2

HIGHEST STAGE WAS 18.10 FROM 600 P.M. TO 1200 MIDNIGHT, JUN. 16.
LOWEST STAGE WAS MINUS 3.80 FROM 400 A.M. TO 1200 MIDNIGHT, AUG 19.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEPT. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET ON OCT. 23 TO 25, 28 TO 30, NOV. 2, 3, 5, 6, AND 15 TO 18, 1964 AND AUG. 29 AND 30, 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEPT. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 261.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-1.2	15.8	-1.5	-3.0	-2.5	-4.0	-4.1	-4.4	-4.5	-4.6	-4.2	-4.2
2	-2.2	16.2	-1.8	-3.2	-2.7	-3.8	-4.2	-4.4	-4.4	-4.4	-3.8	-4.3
3	-2.8	16.0	-2.4	-0.8	-2.8	-4.0	-3.7	-4.5	-2.7	-2.3	-4.1	-4.3
4	-3.0	15.0	-2.7	7.9	-2.9	-3.9	-4.0	-4.4	-1.7	-3.7	-4.3	-4.3
5	-3.4	13.4	-2.9	12.0	-3.0	-4.0	-4.2	-4.5	-3.4	-4.2	-4.4	-4.2
6	-3.6	11.6	-3.0	13.4	-3.1	-4.1	-4.2	-4.5	-3.9	-4.4	-4.4	-4.1
7	-3.5	11.0	-2.6	14.0	-3.2	-4.1	-3.3	-4.5	-4.2	-4.5	-4.4	-3.9
8	-3.4	9.3	-2.2	14.5	-3.2	-4.1	-0.6	-4.5	-4.3	-4.4	-4.3	-2.1
9	-3.3	8.2	-2.1	15.0	-3.2	-4.1	-3.4	-4.5	-4.4	-4.5	-4.5	-2.8
10	-3.1	6.1	-2.4	15.5	-3.1	-4.2	-3.4	-4.1	-4.4	-4.6	-4.5	-3.2
11	-3.5	4.2	-2.9	16.0	-3.4	-4.2	-3.9	-2.1	-4.5	-4.5	-4.5	-3.5
12	-3.7	2.7	-3.1	15.9	-3.4	-4.2	-4.2	-3.6	-4.5	-4.3	-4.4	-3.7
13	-3.8	1.1	-3.2	15.5	-3.5	-4.2	-4.3	-4.0	-4.5	-4.1	-4.6	-3.9
14	-3.8	0.0	-3.3	14.8	-3.5	3.0	-4.4	-4.2	-4.6	-4.3	-4.0	-4.0
15	-3.8	-0.6	-3.5	13.4	-3.4	2.5	-4.4	-4.2	-4.6	-4.3	-4.2	-4.0
16	-3.8	1.7	-3.5	10.9	-3.6	-1.9	-4.4	-4.4	-4.6	-4.4	-4.4	-4.0
17	-3.6	1.8	-3.6	8.6	-3.6	-3.4	-4.4	2.3	-4.6	-4.4	-4.5	-4.0
18	11.0	0.9	-3.6	9.2	-3.4	-3.8	-4.4	-0.6	-4.5	-4.5	-4.0	-4.0
19	13.2	0.1	-3.6	10.4	-2.8	-3.9	-4.3	4.9	-4.6	-4.5	3.6	-4.1
20	12.8	-0.8	-3.6	10.1	-2.6	-4.0	-4.3	4.2	-4.6	-4.5	3.6	-4.1
21	11.1	-1.5	-3.7	8.0	-3.1	-4.0	-4.4	-0.7	-4.6	-4.5	-1.1	-4.0
22	8.4	-1.8	-3.8	6.5	-3.5	-4.0	-4.5	-2.3	-4.6	-4.6	-2.5	-3.3
23	6.5	1.8	-3.9	5.3	-3.6	-3.9	-1.8	-2.6	-4.6	-4.6	-2.8	-3.0
24	4.8	0.2	3.6	4.0	-3.7	-1.1	-4.1	-3.2	-4.5	-4.6	-3.1	-3.3
25	1.4	-1.0	7.6	2.9	-3.8	2.3	-4.3	-3.8	-4.5	-4.6	-3.5	-3.6
26	-1.0	-1.7	4.6	1.0	-3.8	-2.3	-4.4	-4.1	-4.6	-4.7	-3.8	-3.5
27	-2.0	-2.0	1.8	-0.6	-3.9	-3.3	-4.4	-4.2	-4.5	-4.7	-3.9	-3.1
28	1.2	-2.3	0.1	-1.4	-3.8	-3.8	-3.5	-4.3	-4.6	-4.7	-4.0	-3.2
29	8.5		-1.4	-1.8	-3.9	-4.0	-4.2	-4.4	-4.6	-4.6	-4.0	9.6
30	13.6		-2.1	-2.1	-3.9	-4.1	-4.3	-4.4	-4.6	-4.6	-4.0	13.9
31	15.3		-2.7		-3.9		-4.4	-4.4		-4.5		14.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	1.59	4.47	-1.85	7.73	-3.35	-3.09	-3.95	-3.05	-4.31	-4.39	-3.43	-2.12
MAX.	15.3	16.2	7.6	16.0	-2.5	3.0	-0.6	4.9	-1.7	-2.3	3.6	14.6
MIN.	-3.8	-2.3	-3.9	-3.2	-3.9	-4.2	-4.5	-4.5	-4.6	-4.7	-4.6	-4.3

HIGHEST STAGE WAS 16.17 AT 200 P.M., FEB. 2.
LOWEST STAGE WAS MINUS 4.68 AT 400 A.M., OCT. 25.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

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EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET ON OCT. 23 TO 25, 28 TO 30, NOV. 2, 3, 5, 6, AND 15 TO 18, 1964 AND AUG. 29 AND 30, 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEPT. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 261.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-3.6	0.9	-3.9	6.6	-3.3	-4.1	-4.3	-4.6	-5.0	-4.8	-5.0	1.7
2	-3.8	11.4	-4.0	6.8	-3.5	-3.8	-4.4	-3.9	-5.0	-4.6	-5.0	0.7
3	-3.7	11.5	-4.0	7.6	-3.7	-3.6	-4.4	-4.2	-5.0	-4.6	-5.0	0.8
4	-1.2	10.7	-4.1	12.6	-3.8	-2.6	-4.5	-4.5	-5.0	-4.2	-5.0	2.0
5	-1.1	9.5	-4.2	16.4	-3.9	-3.5	-4.6	-4.7	-4.2	-4.4	-4.8	0.6
6	-2.3	7.8	-4.2	17.9	-3.9	-4.0	-4.6	-4.7	-4.6	-4.5	-4.9	-0.6
7	-0.7	5.0	-4.2	17.6	-4.0	-4.1	-4.6	-4.6	-4.9	-3.3	-4.9	-1.8
8	-1.8	2.3	-4.2	16.4	-4.0	-4.2	-4.6	-4.6	-5.0	-3.3	-4.9	-2.9
9	-2.0	0.0	-4.3	14.9	-4.0	-4.2	-1.1	-4.6	-5.0	-4.3	-5.0	-3.5
10	-1.9	-1.6	-4.1	13.9	-3.5	-4.3	-3.3	-4.6	-5.0	-4.4	-5.0	-3.7
11	-1.6	-2.3	-2.9	13.2	-1.8	-4.3	2.3	-4.7	-4.9	-4.5	-4.9	-3.8
12	-2.0	-2.8	0.9	9.2	-1.4	-4.2	-1.9	-4.7	-4.9	-4.5	-4.9	-3.9
13	-2.1	-3.1	4.6	7.0	-0.2	-4.3	-2.7	-4.7	-5.0	-4.5	-4.9	-3.9
14	-2.1	-3.1	3.0	4.8	2.2	-4.4	-3.0	-4.7	-5.0	-4.6	-5.0	-2.7
15	-2.1	-3.4	0.9	3.3	8.3	-4.5	-3.3	-4.6	-5.0	-4.6	-5.0	-3.2
16	-2.4	-3.4	-0.2	1.2	9.2	-4.5	-3.6	-4.7	-4.7	-4.7	-4.9	-3.6
17	-2.8	-3.4	-0.7	0.9	7.6	-3.6	-3.9	-4.6	-4.3	-4.7	-4.9	-3.9
18	-3.0	-3.5	-1.2	1.2	5.9	-3.3	-4.2	-4.8	-2.6	-2.5	-4.8	-3.9
19	-2.8	-3.6	-1.8	-0.6	5.8	-3.9	-4.5	-4.8	-2.8	-4.5	-4.8	-3.8
20	-2.0	-3.7	0.8	0.8	3.4	-4.3	-4.6	-4.9	-3.0	-4.7	-4.8	-3.7
21	1.1	-3.7	11.0	-1.0	1.3	-4.4	-4.6	-4.9	-3.2	-4.8	-4.9	-3.8
22	4.8	-3.7	10.2	-1.9	-0.5	-4.5	-4.7	-4.8	-3.5	-4.8	-5.0	-2.3
23	4.8	-3.9	11.2	3.4	-1.3	-4.5	-2.4	-4.9	-3.7	-4.8	-5.0	3.9
24	4.8	-4.0	12.2	3.5	-2.5	-4.0	-4.2	-5.0	-3.9	-4.8	-4.9	0.6
25	2.7	-4.0	13.2	0.9	-3.0	-4.0	-4.7	-5.0	-4.1	-5.0	-4.8	-1.8
26	0.8	-4.0	14.0	-0.8	-2.9	1.5	-4.3	-5.0	-4.4	-5.0	-4.5	-2.6
27	-0.4	-3.9	14.2	-2.0	-3.0	-1.6	-4.5	-5.0	-4.4	-5.0	-4.0	-2.9
28	-1.5	-3.9	13.1	-2.4	-3.6	-3.2	-2.9	-5.0	-4.7	-4.8	5.2	6.5
29	-2.2	-3.9	11.1	-2.7	-3.8	-3.9	-4.1	-5.0	-4.8	-5.0	8.0	7.3
30	-2.6		9.2	-3.0	-4.0	-4.2	-4.5	-5.0	-4.8	-5.0	4.5	2.9
31	0.0		7.4		-4.0		-4.6	-5.0		-5.0		-0.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-1.06	-0.34	2.87	5.52	-0.84	-3.75	-3.72	-4.74	-4.41	-4.52	-3.79	-1.15
MAX.	4.8	11.5	14.2	17.9	9.2	1.5	2.3	-3.9	-2.6	-2.5	8.0	7.3
MIN.	-3.8	-4.0	-4.3	-3.0	-4.0	-4.5	-4.7	-5.0	-5.0	-5.0	-5.0	-3.9

HIGHEST STAGE WAS 17.90 FROM 1000 A.M. TO 600 P.M., APR. 6.
LOWEST STAGE WAS MINUS 5.05 FROM 300 A.M. TO 700 A.M. NOV. 2.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DAILY FLOWS ARE FURNISHED BY U.S. GEOLOGICAL SURVEY. DRAINAGE AREA, 1,851 SQUARE MILES.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEPT. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET ON OCT. 23 TO 25, 28 TO 30, NOV. 2, 3, 5, 6, AND 15 TO 18, 1964 AND AUG. 29 AND 30, 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEPT. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 261.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.8	-4.2	1.3	-4.5	-4.9	-3.6	-1.6	-4.8	-5.2	-5.5	-5.3	0.9
2	2.9	-4.4	-1.2	-4.6	1.7	-3.7	-4.1	-4.8	-5.3	-5.5	5.3	-1.7
3	0.5	-1.9	-2.2	-4.6	2.4	-4.2	0.6	-5.0	-5.4	-5.6	-5.2	4.9
4	-1.5	-3.4	-3.3	-4.7	-0.1	-4.6	-3.0	1.3	-5.4	-5.6	-5.2	8.0
5	-3.0	-3.9	-3.8	-4.7	-1.2	-4.7	-4.3	1.0	-5.4	-5.6	-5.1	6.6
6	-3.7	-4.3	7.2	-4.8	-1.9	-4.8	E 4.0	-1.1	-5.5	-5.6	-5.2	3.9
7	-4.0	-4.6	12.6	-4.9	0.4	-4.9	A	-2.1	-5.4	-5.6	-5.3	0.1
8	-3.9	-4.9	13.5	-4.9	1.5	-5.0	A	-3.3	-5.5	-5.7	-5.4	-1.3
9	-4.2	-5.1	13.7	-5.0	-0.6	-5.0	A	-2.8	-4.8	-5.6	-5.3	-2.6
10	-4.5	-5.1	13.6	-5.0	-3.2	-5.1	A	1.6	-4.8	-5.6	-5.4	-3.3
11	-4.6	-5.1	12.4	-4.1	-4.2	-5.1	A	0.8	-5.2	-5.6	-5.3	-1.1
12	-4.8	-5.1	10.2	-4.2	-4.8	-5.1	A	-1.4	-5.4	-5.6	-2.8	0.7
13	-4.8	-5.2	8.2	-4.6	13.8	-5.2	E 11.9	-2.1	-5.4	-5.6	-3.4	-0.2
14	-4.8	-5.3	6.2	-4.6	14.9	-5.2	10.0	-3.0	-5.4	-5.6	-4.5	-1.6
15	-4.7	-5.3	3.7	-3.7	17.0	-5.3	7.9	-3.8	-5.5	-5.6	-4.9	-1.1
16	-4.7	-5.3	0.4	-4.3	17.8	-5.3	4.4	-4.7	-5.5	-5.6	-5.1	-0.7
17	-5.0	-5.4	-2.4	-4.7	18.0	-5.3	1.0	-5.2	-5.5	-3.3	-5.2	-2.1
18	-5.0	-5.3	-3.3	-4.8	17.9	-5.3	-1.8	-5.2	-5.5	1.3	-5.2	5.5
19	-5.2	-5.3	-3.7	-5.0	17.5	-5.3	-3.6	-5.2	-5.6	-2.6	-5.2	1.6
20	-5.2	-5.1	-3.9	-5.1	16.4	-5.3	-4.0	-5.0	-5.6	-4.0	-5.3	-1.6
21	-5.2	-3.9	-3.8	-5.1	14.8	-5.4	-4.3	-5.1	-5.3	-4.7	-5.3	0.1
22	-5.2	-4.0	-3.5	-5.1	12.9	-1.9	-4.5	-5.2	-5.0	-5.0	-5.3	1.4
23	-5.1	-4.3	-3.9	-5.0	10.6	-3.2	-3.3	-5.3	-5.2	-5.2	-5.1	3.3
24	-5.1	-4.4	-4.0	-4.8	7.8	-4.7	-1.6	-5.4	-5.4	-5.4	-5.1	4.3
25	-5.2	-4.9	-3.9	-4.5	5.0	-5.2	-3.0	-5.3	-5.5	-3.6	-5.1	3.1
26	-5.2	-5.2	-3.9	-4.8	3.2	-4.6	-0.1	-2.2	-5.6	-3.2	-5.2	0.6
27	0.2	-5.2	-3.8	-2.0	0.8	-4.8	-2.0	-1.4	-5.6	-4.3	-5.2	-1.4
28	0.5	2.0	-4.0	-3.5	-1.9	-2.6	-2.8	-0.7	-5.4	-4.9	-5.4	-2.7
29	-2.1		-4.2	-4.4	-3.7	-4.6	-3.9	-2.4	-5.1	-5.2	-5.4	-3.0
30	-3.5		-4.3	-4.8	-4.0	-1.6	-4.5	-4.0	-5.3	-5.3	-3.0	-3.4
31	-4.0		-4.4		-4.2		-4.7	-5.0		-5.4		-3.6
THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE												
MEAN	-3.40	-4.43	1.14	-4.56	5.15	-4.55		-3.12	-5.36	-4.85	-4.64	0.43
MAX.	4.8	2.0	13.7	-2.0	18.0	-1.6		1.6	-4.8	1.3	5.3	8.0
MIN.	-5.2	-5.4	-4.4	-5.1	-4.9	-5.4		-5.4	-5.6	-5.7	-5.4	-3.6

A- NO RECORD E- ESTIMATED
HIGHEST STAGE WAS 18.05 AT 1200 P.M., MAY 17.
LOWEST STAGE WAS MINUS 5.69 FROM 200 TO 700 A.M., OCT 8.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. AUTOMATIC RECORDER ON BRIDGE. DUE TO CHANNEL IMPROVEMENT, FROM SEPT. 10, 1964 TO OCT. 20, 1967, GAGE HEIGHTS WERE OBTAINED BY MEASURING FROM A MARK ON BRIDGE TO THE WATER SURFACE. READINGS ARE NOT VERY RELIABLE.

GENERAL INFORMATION. DRAINAGE AREA, 1,851 SQUARE MILES.

RECORDS AVAILABLE. STAGE, JULY 16, 1929, TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929, TO SEPT. 30, 1958, AND JAN. 1, 1960, TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET ON OCT. 23 TO 25, 28 TO 30, NOV. 2, 3, 5, 6, AND 15 TO 18, 1964 AND AUG. 29 AND 30, 1965. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEPT. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 261.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	E-5.4	E-5.7	E-4.0	E-5.9	E 8.5	E-5.2	E-6.1	E-5.5	E-6.5	E-5.3	-6.1	-6.0
2	E 7.9	E-5.7	E-4.0	E-5.9	E 7.4	E-5.2	E-6.1	E-5.8	E-6.6	E-5.3	-5.8	-6.0
3	E 10.2	E-4.5	E-4.3	E-5.9	E 6.8	E-5.3	E-6.1	E-5.5	E-6.6	E-5.6	-5.7	-6.1
4	E 11.4	E-4.4	E-4.5	E-5.9	E 5.9	E-5.4	E-6.1	E-5.8	E-6.6	E-6.0	-5.8	-6.1
5	E 11.1	E-4.0	E-4.6	E-5.9	E 5.0	E-5.7	E-6.1	E-6.1	E-6.0	E-6.0	-5.9	-6.0
6	E 10.9	E-4.1	E-4.6	E-6.0	E 3.4	E-5.7	E-6.1	E-6.2	E-6.0	E-6.2	-6.0	-5.1
7	E 10.7	E-3.3	E-3.8	E-6.0	E 1.5	E-5.7	E-2.5	E-6.3	E-6.1	E-6.4	-6.0	-5.2
8	E 9.5	E-2.7	E-4.1	E-6.0	E-0.1	E-3.2	E-1.8	E-6.3	E-6.2	E-6.4	-5.9	-5.4
9	E 7.6	E-3.0	E-4.5	E-6.0	E-1.0	E-4.0	E-5.0	E-6.3	E-6.4	E-6.4	-5.9	-5.4
10	E 5.5	E 4.6	E-4.0	E-6.1	E-2.4	E-4.8	E-5.2	E-6.3	E-6.4	E-6.3	-5.6	3.0
11	E 3.3	E 8.8	E-4.3	E-6.1	E-3.1	E-4.3	E-5.6	E-5.8	E-6.2	E-6.2	-1.8	2.2
12	E 2.9	E 11.2	E-4.7	E-5.0	E-4.0	E-5.5	E-6.1	E-5.5	E-6.3	E-6.2	-3.5	-1.0
13	E-0.4	E 12.6	E-5.0	E-3.6	E-4.3	E-4.3	E-6.3	E-1.7	E-6.4	E-6.1	-4.7	-3.0
14	E-3.4	E 13.8	E-5.0	E-2.4	E-4.4	E-3.8	E-6.0	E-1.2	E-6.4	E-6.3	-5.3	-4.0
15	E-4.1	E 13.5	E-5.0	E-2.0	E-4.4	E-5.5	E-6.2	E-3.5	E-6.2	E-6.3	-5.6	-4.6
16	E-4.7	E 12.8	E-5.1	E-4.6	E 1.2	E-5.6	E-6.2	E-4.0	E-6.4	E-5.8	-5.8	-4.9
17	E-4.8	E 10.8	E-5.1	E-5.3	E 2.9	E-6.0	E-6.2	E-4.1	E-6.4	E-5.9	-6.0	-5.2
18	E-5.0	E 8.9	E-5.3	E-5.3	E 9.8	E-5.8	E-6.2	E-5.3	E-6.2	E-6.0	-6.0	-5.3
19	E-5.2	E 6.7	E-5.3	E-4.8	E 11.2	E-5.9	E-6.2	E-5.6	E-6.3	E-6.0	-6.0	-5.4
20	E-5.3	E 4.9	E-5.4	E-4.0	E 11.2	E-6.0	E-6.1	E-5.7	E-6.0	-6.0	-6.0	-5.5
21	E-5.4	E 2.9	E-5.4	E-1.0	E 10.9	E-6.0	E-6.1	E-5.8	E-6.0	-6.1	-6.0	-5.6
22	E-5.8	E 0.9	E-5.4	E-2.6	E 8.8	E-5.9	E-6.2	E-5.8	E-6.1	-6.2	-6.0	-5.6
23	E-5.5	E-0.8	E-5.6	E-3.7	E 7.0	E-6.0	E-6.4	E-6.0	E-6.3	-6.2	-6.0	-5.6
24	E-5.6	E-2.0	E-5.7	E-2.2	E 6.3	E-6.1	E-6.3	E-6.2	E-6.3	-6.2	-5.5	-5.6
25	E-5.6	E-3.3	E-5.8	E-1.2	E 5.3	E-6.1	E-6.2	E-6.1	E-6.3	-6.2	-5.9	-5.6
26	E-5.7	E-3.8	E-5.8	E 1.0	E 4.1	E-6.1	E-6.2	E-6.2	E-6.3	-6.1	-6.0	-5.6
27	E-5.7	E-4.1	E-5.7	E 4.2	E 0.8	E-6.2	E-6.3	E-6.2	E-6.3	-6.2	-5.9	-5.6
28	E-5.7	E-4.4	E-5.7	E 5.9	E-2.6	E-6.1	E-6.2	E-6.2	E-6.0	-6.1	-5.8	8.0
29	E-5.7		E-5.8	E 6.2	E-3.2	E-6.0	E-6.2	E-6.6	E-6.0	-6.1	-5.8	9.4
30	E-5.7		E-5.8	E 7.0	E-4.5	E-6.1	E-1.7	E-6.6	E-6.3	-6.1	-5.9	8.8
31	E-5.7		E-5.8		E-5.1		E-4.8	E-6.6		-6.1		7.0
MEAN	-0.31	2.02	-5.00	-2.97	2.54	-5.45	-5.64	-5.51	-6.27	-6.07	-5.61	-2.94
MAX.	E 11.4	E 13.8	E-3.8	E 7.0	E 11.2	E-3.2	E-1.7	E-1.2	E-6.0	E-5.3	-1.8	9.4
MIN.	E-5.8	E-5.7	E-5.8	E-6.1	E-5.1	E-6.2	E-6.4	E-6.6	E-6.6	E-6.4	-6.1	-6.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

E- ESTIMATED
HIGHEST STAGE WAS 13.8, FEB. 14.
LOWEST STAGE WAS MINUS 6.6, AUG. 29 TO 31 AND SEPT. 2 TO 4.

OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. RECORDER AT BRIDGE. NOTE- DUE TO CHANNEL WORK, RECORDER HAS BEEN TEMPORARILY DISCONTINUED. GAGE HEIGHTS ARE OBTAINED BY MEASUREMENT.

GENERAL INFORMATION. DRAINAGE AREA, 1,851 SQUARE MILES.

RECORDS AVAILABLE. STAGE, JULY 16, 1929 TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929 TO SEPT. 30, 1958 AND JAN. 1, 1960 TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET ON OCT. 23, 24, 25, 28, 29, 30 AND ON NOV. 2, 3, 5, 6, 15, 16, 17, AND 18, 1964. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEPT. 1, 1936 (STAGE, -0.04).

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 261.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-4.7	-5.1	3.0	13.9	-4.9	-5.1	-6.7	-6.5	-6.1	-6.4	-6.9	-5.4
2	-4.7	-5.3	5.6	13.9	-4.7	-5.6	-6.8	-6.7	-6.3	-6.4	-6.9	-5.4
3	-4.7	-5.4	5.5	13.9	-5.7	-4.8	-6.8	-6.8	-6.4	-6.4	-6.9	-5.4
4	-3.2	-5.5	5.5	13.2	-6.0	-4.4	-6.4	-6.8	-6.4	-6.4	-6.9	-5.4
5	-3.1	-5.5	6.2	12.3	-6.4	-5.1	-6.6	-6.8	-6.4	-6.5	-6.9	-5.4
6	-3.1	-5.5	6.2	11.5	-5.7	-3.8	-5.3	-7.0	-6.4	-6.6	-6.9	-5.7
7	-3.1	-5.7	4.9	10.8	-6.1	-3.4	4.8	-7.0	-6.0	-6.7	-6.9	-6.1
8	-3.6	-5.7	4.6	9.8	-6.1	-4.1	3.9	-6.8	-6.0	-6.7	-6.7	-6.3
9	-3.6	-5.6	3.5	9.6	-6.1	-3.6	3.0	-6.6	-6.1	-6.7	-6.5	-6.4
10	8.2	-3.1	2.7	9.3	-6.1	-3.3	1.0	-6.5	-6.4	-6.7	-6.3	-6.4
11	8.5	-2.1	1.1	8.6	-6.0	-2.2	1.2	-6.5	-6.2	-6.7	-6.3	-6.4
12	10.2	7.6	-0.6	7.4	-6.0	-1.0	3.6	-6.8	-5.7	-6.7	-6.4	-6.3
13	10.6	7.6	-0.6	6.2	-6.0	-1.6	2.4	-6.8	-4.3	-6.7	-6.7	-6.3
14	10.6	13.2	-2.6	4.4	-6.1	-3.0	1.3	-6.8	-2.0	-6.7	-6.6	-6.1
15	9.5	14.6	-3.1	2.9	-6.2	-4.1	-1.6	-7.0	-2.9	-6.7	-6.5	-6.0
16	6.7	15.5	-3.8	2.4	-6.2	E-4.4	-2.6	-7.0	-3.5	-6.7	-6.7	-5.8
17	6.4	14.9	-2.0	1.6	-6.2	E-4.6	-3.6	-7.0	-4.2	-6.7	-6.7	-5.9
18	4.9	13.2	-0.9	0.3	-6.2	E-4.8	-4.3	-7.0	-4.7	-6.7	-6.7	-6.0
19	2.9	10.2	1.4	-0.2	-5.9	-5.0	-5.3	-7.0	-5.6	-6.7	-6.7	-6.0
20	0.9	8.3	1.1	-1.1	-4.2	-5.2	-5.6	-7.0	-6.0	-6.7	-6.7	-6.1
21	-0.9	5.9	0.7	-1.6	-4.6	-5.4	-5.7	-7.0	-6.1	-6.9	-5.7	-6.1
22	-2.5	4.2	-0.8	-1.9	-5.0	-5.6	-6.1	-7.0	-5.6	-6.9	-4.5	-6.1
23	-3.1	1.9	-2.2	-2.4	-5.8	-5.8	-6.2	-7.0	-4.8	-6.9	-3.5	-6.3
24	-3.7	1.9	-2.3	-2.7	-5.8	E-6.1	-6.3	-7.0	-4.8	-6.9	-3.7	-6.3
25	-3.7	-2.4	-2.1	-2.7	-5.8	E-6.3	-6.4	-7.0	-5.3	-6.9	-4.6	-6.3
26	-3.7	-2.4	-0.5	-1.8	-5.4	E-6.4	-6.3	-7.0	-5.5	-6.9	-4.8	-6.2
27	-4.1	-2.4	3.3	-2.1	-4.4	E-6.5	-6.2	-7.0	-5.8	-6.9	-4.7	-6.3
28	-4.1	1.5	5.8	-3.2	-4.4	E-6.6	-6.3	-7.0	-6.3	-6.9	-5.4	-6.3
29	-4.1		10.3	-4.0	-4.7	E-6.6	-6.1	-8.0	-6.4	-6.9	-5.4	-6.3
30	-4.1		12.8	-4.8	-4.7	-6.7	-6.3	-8.0	-6.4	-6.9	-5.4	-6.4
31	-4.1		13.7		-4.8		-6.8	-7.0		-6.9		-6.4
THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE												
MEAN	0.24	2.10	2.46	4.12	-5.55	-4.70	-3.50	-6.95	-5.49	-6.72	-6.05	-6.06
MAX.	10.6	15.5	13.7	13.9	-4.2	-1.0	4.8	-6.5	-2.0	-6.4	-3.5	-5.4
MIN.	-4.7	-5.7	-3.8	-4.8	-6.4	-6.7	-6.8	-8.0	-6.4	-6.9	-6.9	-6.4

E- ESTIMATED
HIGHEST STAGE WAS 15.5, FEB. 16.
LOWEST STAGE WAS MINUS 8.0, AUG. 29 AND 30.

C07 OBION RIVER AT OBION, TENN.

LOCATION. LAT. 36-15-10, LONG. 89-11-45. U.S. HIGHWAY 51 BRIDGE, A HALF MILE SOUTH OF OBION, TENN.

GAGE. RECORDER AT BRIDGE. NOTE- DUE TO CHANNEL WORK, RECORDER HAS BEEN TEMPORARILY DISCONTINUED. GAGE HEIGHTS ARE OBTAINED BY MEASUREMENT.

GENERAL INFORMATION. DRAINAGE AREA, 1851 SQUARE MILES.

RECORDS AVAILABLE. STAGE, JULY 16, 1929 TO DATE. PRIOR TO OCT. 4, 1932, GAGE ZERO WAS 251.48 FEET, M.S.L. STATION WAS OPERATED BY U.S. GEOLOGICAL SURVEY AND PUBLISHED IN THEIR RECORDS UNTIL JULY 22, 1959. AT THAT DATE, THE STATION WAS ACTIVATED BY THE MEMPHIS DISTRICT, CORPS OF ENGINEERS. DISCHARGE, COMPUTED DAILY, JULY 16, 1929 TO SEPT. 30, 1958 AND JAN. 1, 1960 TO DATE. SINCE JULY 28, 1964, CHANNEL IMPROVEMENTS HAVE AFFECTED DISCHARGES.

EXTREMES. HIGHEST, 25.4 FEET ON JAN. 24, 1937. LOWEST, MINUS 8.0 FEET ON OCT. 23, 24, 25, 28, 29, 30 AND ON NOV. 2, 3, 5, 6, 15, 16, 17, AND 18, 1964. MAXIMUM, 99,500 CFS COMPUTED FOR RECORD HIGH STAGE. MINIMUM, 232 CFS COMPUTED FOR SEPT. 1, 1936 [STAGE, -0.04].

DAILY EIGHT A.M. STAGE IN FEET FOR 1964 GAGE ZERO, 261.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.4	6.6	6.5	6.9	13.2	4.8	3.8	1.6	-0.7	0.2	-7.8	-4.8
2	5.5	6.5	6.3	6.7	13.0	4.8	3.6	1.5	-1.1	-0.1	-8.0	-4.8
3	5.6	6.3	6.2	6.5	12.4	4.7	3.5	1.5	-1.2	-0.8	-8.0	-4.8
4	5.6	6.3	10.0	7.9	11.7	4.7	3.5	1.4	E-1.2	-1.8	-7.8	-2.5
5	5.5	6.2	12.8	8.7	11.4	4.6	3.6	1.3	E-1.3	-2.8	-8.0	-2.5
6	5.8	6.6	14.5	12.4	10.7	4.5	3.5	1.3	E-1.3	-3.4	-8.0	1.6
7	5.8	7.1	15.8	14.2	9.4	4.4	4.0	1.3	E-1.4	-4.0	-7.8	1.6
8	5.8	8.3	16.5	15.4	8.2	4.4	4.4	1.2	E-1.5	-4.0	-7.8	1.6
9	6.4	9.0	17.0	15.6	7.3	4.2	4.9	1.2	E-1.6	-4.8	-7.8	1.6
10	7.0	8.9	18.7	15.3	6.8	4.1	5.1	1.2	-1.7	-5.1	-7.8	5.9
11	8.1	8.6	19.8	14.8	6.7	4.0	5.5	1.2	-1.6	-5.3	-7.8	8.8
12	9.3	8.1	19.7	14.2	8.2	7.1	6.0	1.1	-1.7	-5.5	-7.7	8.9
13	9.6	7.9	19.0	13.8	9.1	7.0	6.4	1.1	-1.8	-6.0	-7.8	8.9
14	9.2	7.7	18.2	13.5	10.8	7.3	7.3	1.1	-1.8	-6.0	-7.8	9.0
15	9.3	7.5	17.3	13.5	11.7	6.8	8.2	2.6	-1.8	-5.9	-8.0	9.0
16	9.3	7.9	16.3	13.7	12.0	6.4	7.4	3.6	-1.8	-6.2	-8.0	8.7
17	8.8	8.2	15.5	13.7	11.6	5.9	7.4	2.9	-1.8	-6.3	-8.0	8.3
18	8.5	8.9	14.9	13.4	10.9	5.6	7.5	6.0	-0.7	-6.4	-8.0	6.9
19	7.9	9.2	14.4	12.8	9.7	5.3	7.4	6.9	-0.8	-6.4	-7.1	5.6
20	7.5	9.0	13.9	12.0	8.5	4.9	7.3	7.2	-1.2	-6.4	-6.7	4.0
21	7.2	9.1	13.2	10.9	7.5	4.6	6.8	6.6	-1.4	-7.1	-4.1	-0.1
22	7.0	9.5	12.4	9.8	6.8	4.4	6.8	6.5	-1.7	-7.7	-4.1	-1.2
23	6.95	9.5	11.3	8.7	6.3	4.2	6.7	5.4	-1.5	-8.0	-3.3	-1.6
24	6.95	9.0	10.1	8.3	5.9	4.0	6.3	5.6	-3.1	-8.0	-3.6	-3.4
25	6.9	8.4	8.9	8.2	5.5	3.8	7.0	5.6	-1.2	-8.0	-3.5	-3.4
26	6.8	7.9	8.2	8.9	5.2	3.7	6.1	5.1	-1.6	-7.8	-3.6	-3.4
27	7.1	7.4	8.0	10.2	5.0	3.6	5.8	4.6	0.8	-7.8	-4.4	-4.1
28	7.1	7.1	8.1	10.8	4.9	3.6	5.4	1.4	2.9	-8.0	-4.4	-4.1
29	6.8	6.8	7.9	12.0	4.8	3.5	5.3	3.4	0.9	-8.0	-4.8	-4.2
30	6.7		7.5	12.9	4.7	3.5	2.6	2.5	-0.8	-8.0	-4.8	-4.2
31	6.6		7.2		4.7		1.8	1.9		-7.4		-4.6
THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE												
MEAN	7.16	7.91	12.78	11.52	8.54	4.81	5.51	3.09	-1.16	-5.57	-6.54	1.18
MAX.	9.6	9.5	19.8	15.6	13.2	7.3	8.2	7.2	2.9	0.2	-3.3	9.0
MIN.	5.4	6.2	6.2	6.5	4.7	3.5	1.8	1.1	-3.1	-8.0	-8.0	-4.8

E- ESTIMATED
HIGHEST STAGE WAS 19.9 AT 300 P.M., MAR. 11.
LOWEST STAGE WAS MINUS 8.0, OCT. 23 AND SUBSEQUENT DAYS IN OCT. AND NOV.
MEMPHIS DISTRICT, CORPS OF ENGINEERS.

1963

OBION RIVER
Obion, Tenn.

Zero of gage: 261.23 m.g.l. = 261.48 m.s.l.
Lat.: 36° 15' 10" - Long.: 89° 11' 45"
Memphis District, CE gage

Stevens A 35 B continuous recorder in 6" x 6" concrete house on right bank of river, just below U. S. Highway 51 bridge over Obion River, ½ mile south of Obion, Tennessee.

Highest: 16.24 on 9 March.
Lowest: 3.69 on 10 August.
Period of record: 16 July 1929 to date.
Highest for period of record: 25.40 on 24 January 1937.
Lowest for period of record: -0.04 on 1 September 1936.

Note: Gage taken over from U.S.G.S. on 22 July 1959.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6.9	6.2	6.6	9.3	8.4	12.7	5.0	4.6	9.3	4.2	4.5	5.6
2	7.0	6.6	7.8	8.4	11.3	12.5	4.7	4.5	10.1	4.2	4.9	5.4
3	6.9	6.9	8.2	7.8	12.2	12.0	4.8	4.3	9.8	4.3	5.0	5.4
4	6.9	6.9	9.2	7.3	12.5	11.1	4.9	4.2	9.3	4.3	5.0	5.3
5	6.8	7.0	12.6	7.0	12.3	9.5	4.9	4.0	8.4	4.3	5.1	5.3
6	6.7	7.1	13.3	6.7	11.8	7.8	4.8	3.9	7.7	4.3	5.2	5.2
7	6.6	7.3	14.6	6.5	10.9	6.8	4.7	3.8	7.0	4.2	5.4	5.2
8	6.6	7.1	15.7	6.3	9.4	6.3	4.5	3.8	6.4	4.2	5.4	5.3
9	6.5	6.9	16.24	6.2	8.6	5.8	4.4	3.7	6.0	4.4	5.4	5.3
10	6.4	6.9	16.2	6.1	7.8	5.5	5.1	3.69	5.6	4.5	5.4	5.2
11	6.4	7.2	16.0	6.0	7.2	5.2	5.2	3.8	5.3	4.5	5.4	5.3
12	6.4	7.0	15.9	5.8	6.6	5.0	4.9	4.1	5.0	4.5	5.3	5.8
13	6.2	7.1	15.8	5.7	6.2	4.8	4.6	4.7	5.3	4.5	5.2	5.8
14	6.0	7.3	15.8	5.6	6.0	4.6	4.8	5.1	5.4	4.5	5.0	5.7
15	6.0	7.2	15.7	5.5	5.9	4.4	5.2	6.8	5.4	4.4	5.1	5.7
16	5.8	7.0	15.5	5.4	6.1	5.8	5.6	7.8	5.3	4.3	5.1	5.7
17	5.8	7.0	15.2	5.5	6.2	6.5	6.0	7.8	5.2	4.2	5.0	6.1
18	5.9	6.8	14.8	5.5	6.4	7.6	6.1	7.0	5.2	4.0	4.9	5.8
19	5.8	6.7	14.7	5.4	6.1	7.9	6.0	6.0	5.2	4.0	4.9	5.6
20	5.8	6.7	14.5	5.4	5.8	7.4	5.8	5.3	5.1	3.9	5.0	5.7
21	5.2	6.6	14.4	5.3	5.5	6.9	5.9	4.9	5.0	3.9	5.1	5.4
22	5.7	6.3	14.2	5.3	5.2	6.6	5.8	4.6	4.8	3.9	5.2	5.6
23	5.7	6.2	14.0	5.4	5.0	6.4	5.8	4.3	4.7	4.0	6.0	5.3
24	6.1	6.6	13.7	5.4	4.9	6.1	5.8	4.2	4.5	4.2	6.0	5.2
25	6.0	6.5	13.4	5.4	4.9	5.8	5.6	4.2	4.4	4.4	5.9	5.1
26	5.6	6.4	13.0	5.4	5.7	5.5	5.3	4.1	4.4	4.4	6.0	5.2
27	5.6	6.3	12.4	5.3	7.8	5.2	5.2	4.2	4.4	4.3	6.0	5.5
28	5.5	6.3	11.8	5.4	8.6	5.2	4.9	4.1	4.4	4.3	6.0	5.6
29	5.4		11.4	5.9	10.4	6.4	4.9	4.8	4.3	4.3	5.9	5.6
30	5.6		10.8	7.0	11.5	5.6	4.9	6.1	4.3	4.3	5.7	5.4
31	6.0		10.2		12.3		4.8	7.6		4.3		5.5

8:00 a.m. readings.

LMM 21
Feb 64

1962

OBION RIVER
Obion, Tenn.

Zero of gage: 261.23 m.g.l. = 261.48 m.s.l.
Lat.: 36° 15' 10" - Long.: 89° 11' 45"
Memphis District, CE gage

Stevens A 35 B continuous recorder in 6" x 6" concrete house on right bank of river, just below U. S. Highway 51 bridge over Obion River, ½ mile south of Obion, Tennessee.

Highest: 21.46 on 1 March
Lowest: 3.40 on 22 August
Period of record: 16 July 1929 to date
Highest for period of record: 25.40 on 24 January 1937
Lowest for period of record: -0.04 on 1 September 1936

Note: Gage taken over from U.S.G.S. on 22 July 1959

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12.6	14.6	21.46	15.3	14.8	5.1	6.2	4.8	10.2	5.7	5.4	6.0
2	12.1	14.2	21.2	15.8	15.8	5.2	5.8	4.6	10.9	5.6	5.4	6.0
3	11.6	13.8	20.4	15.9	16.4	5.8	5.5	4.4	10.5	5.6	5.3	6.0
4	12.1	13.4	19.4	15.8	16.3	6.5	5.4	4.4	10.2	5.5	5.3	6.0
5	10.5	13.0	18.2	15.3	15.8	7.2	5.2	4.5	9.2	5.4	5.2	6.0
6	11.0	12.5	16.9	14.8	15.3	7.4	5.0	4.4	8.4	5.3	5.2	6.0
7	11.2	12.0	15.9	14.4	14.8	7.2	5.0	4.6	8.3	5.2	5.2	5.9
8	12.0	11.4	15.1	14.1	14.2	6.9	5.2	4.6	8.3	5.1	5.3	5.9
9	12.5	11.2	14.9	13.8	13.8	7.0	5.4	4.4	8.1	5.0	5.3	5.8
10	12.3	11.3	14.7	13.5	13.3	8.2	5.6	4.2	9.4	4.8	5.3	5.8
11	12.0	12.2	15.0	14.5	12.7	8.8	5.7	4.0	8.2	4.8	5.2	5.8
12	11.4	13.0	15.2	15.1	12.0	8.6	5.7	4.0	7.4	5.2	7.4	5.6
13	10.4	13.2	15.4	16.1	11.0	8.3	5.6	3.8	6.9	5.8	6.8	5.6
14	9.4	13.2	15.2	16.6	9.6	8.4	5.8	3.8	6.6	10.8	6.4	5.5
15	13.0	12.8	14.9	16.8	8.0	7.9	5.7	3.6	12.4	10.0	6.2	5.6
16	13.1	12.8	14.6	16.6	6.8	7.3	5.6	3.6	12.7	10.4	6.3	5.8
17	14.1	12.4	14.2	16.0	6.2	6.7	5.6	3.6	12.8	10.8	6.4	5.8
18	14.9	12.4	13.9	15.3	5.9	6.2	6.7	3.6	13.1	10.3	6.4	6.0
19	15.2	12.6	13.6	14.7	5.7	5.9	7.4	3.5	13.2	9.6	6.4	6.0
20	14.8	12.5	13.2	14.2	5.5	5.7	7.5	3.5	13.0	8.8	6.2	6.0
21	14.7	12.3	13.6	13.8	5.3	5.4	7.0	3.45	12.6	8.2	6.2	6.4
22	14.7	12.1	13.9	13.3	5.2	5.3	6.4	3.40	11.9	7.8	6.2	6.6
23	15.0	11.9	14.6	12.8	5.0	5.3	5.8	3.7	11.0	7.3	6.2	6.7
24	15.4	13.6	15.0	12.2	4.9	7.0	5.5	4.3	9.4	6.8	6.1	6.8
25	16.0	14.5	15.0	11.6	4.8	7.0	5.4	4.6	7.9	6.5	6.0	7.0
26	16.2	15.8	15.0	10.6	4.8	7.2	5.2	5.3	7.2	6.2	6.0	7.0
27	16.4	17.4	14.8	9.7	4.9	7.5	4.9	5.4	6.6	6.0	6.0	6.9
28	16.3	19.9	14.7	8.7	5.2	7.4	4.8	5.3	6.2	5.8	6.0	6.7
29	16.0		14.5	10.6	5.3	7.0	4.7	5.0	6.0	5.7	6.0	6.7
30	15.6		14.3	11.0	5.3	6.6	4.6	4.7	5.8	5.6	6.0	6.9
31	15.0		14.8		5.2		5.9	4.9		5.6		6.9

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

1961

OBION RIVER
OBION, TENN.

Zero of gage: 261.23 m.g.l. = 261.48 m.s.l.
Lat.: 36° 15' 10" - Long.: 89° 11' 45"
Memphis District, CE gage.

Stevens A 35 B continuous recorder in 6" x 6" concrete house on right bank of river, just below U. S. Highway 51 bridge over Obion River, ½ mile south of Obion, Tennessee.

Highest: 17.33 on 11 March.
Lowest: 3.57 on 30 September.
Period of record: 16 July 1929 to date.
Highest for period of record: 25.40 on 24 January 1937.
Lowest for period of record: -0.04 on 1 September 1936.

Note: Gage taken over from U.S.G.S. on 22 July 1959.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9.0	6.1	15.8	13.9	11.6	6.0	5.0	8.8	8.8	5.0	4.1	12.9
2	10.0	6.0	15.6	14.6	11.6	5.6	4.8	7.6	7.2	4.8	4.2	12.3
3	11.0	6.0	15.5	15.2	12.1	5.3	5.4	6.7	6.4	5.6	4.6	11.6
4	11.8	6.0	15.4	15.3	12.8	7.4	5.2	6.2	5.8	6.1	6.8	10.7
5	12.1	7.0	15.2	15.0	13.4	6.6	5.9	6.0	5.4	6.0	6.3	9.8
6	12.1	8.0	15.5	14.5	13.6	7.2	6.2	5.8	5.8	5.8	6.8	8.9
7	11.8	8.2	15.8	14.0	13.5	7.4	6.1	6.0	5.9	5.5	7.2	8.1
8	11.2	11.2	16.6	13.6	14.0	7.6	5.8	5.7	5.9	5.2	7.1	8.0
9	10.4	12.1	17.0	13.1	15.0	10.5	5.6	5.4	5.7	5.0	6.8	10.0
10	9.4	13.4	17.25	12.6	15.8	11.8	5.4	5.1	5.6	4.7	6.5	13.6
11	8.4	14.3	17.33	12.2	16.2	12.8	5.2	4.9	5.5	4.6	6.2	14.8
12	7.6	14.7	17.15	12.6	16.1	13.8	5.0	4.7	5.3	4.5	6.0	16.0
13	7.1	14.8	16.9	13.2	15.9	14.4	5.2	4.6	5.0	4.4	6.0	16.4
14	6.8	14.6	16.4	14.1	15.6	14.8	5.3	4.4	4.8	4.2	6.0	16.5
15	6.9	14.2	16.2	14.9	15.1	15.1	5.4	4.4	4.6	4.1	6.1	16.4
16	7.2	13.8	15.8	15.6	14.6	15.2	5.6	4.4	4.4	4.0	7.8	16.2
17	8.4	13.3	15.5	15.8	14.0	15.3	6.8	4.3	4.2	3.9	7.8	16.1
18	9.3	12.9	15.0	15.8	13.5	15.2	8.4	4.2	4.1	3.9	8.9	15.9
19	9.6	12.6	14.5	15.8	13.0	15.1	9.4	4.1	4.0	3.8	10.0	16.0
20	9.5	12.9	14.0	15.4	12.4	14.6	11.2	4.1	4.0	3.8	10.2	16.1
21	9.3	13.6	13.7	14.8	11.8	14.2	10.8	4.1	4.0	3.8	9.8	16.3
22	8.9	15.2	13.4	14.5	11.2	13.6	9.8	4.0	3.9	3.8	9.3	16.4
23	9.2	16.0	13.3	14.2	10.4	13.0	9.1	4.2	3.9	3.8	13.7	16.4
24	8.8	16.6	13.4	14.0	9.4	12.2	9.9	4.6	3.8	3.8	13.9	16.0
25	6.4	16.8	13.3	13.6	9.4	11.3	9.0	8.2	3.8	3.9	14.4	15.4
26	7.7	16.8	13.1	13.3	9.4	9.8	8.6	5.8	3.7	3.9	14.7	14.8
27	7.3	16.6	12.8	12.8	9.0	8.3	8.2	5.4	3.60	3.9	14.6	14.5
28	7.0	16.2	12.6	12.7	8.3	6.7	8.3	5.5	3.60	3.9	14.3	14.1
29	6.6		12.3	12.4	7.6	5.7	9.4	5.4	3.60	3.9	13.8	13.7
30	6.2		12.5	12.0	6.9	5.2	10.1	5.2	3.57	3.9	13.4	13.4
31	6.0		13.4		6.4		9.9	5.0		4.0		13.0

8:00 a.m. readings.

1960

OBION RIVER
OBION, TENN.

Zero of gage: 261.23 m.g.l.
Lat.: 36° 15' 10" - Long.: 89° 11' 45"
Memphis District, CE gage.

Stevens A 35 B continuous recorder in 6" x 6" concrete house on right bank of river, just below U. S. Highway 51 bridge over Obion River, ½ mile south of Obion, Tennessee.

Highest: 15.53 at 2:00 a.m. on 20 March.
Lowest: 3.03 on 9 September.
Period of record: 16 July 1929 to date.
Highest for period of record: 25.40 on 24 January 1937.
Lowest for period of record: -0.04 on 1 September 1936.

Note: Gage taken over from U.S.G.S. on 22 July 1959.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13.0	11.0	11.5	11.2	10.2	9.5	11.5	3.6	3.6	3.6	3.9	8.0
2	13.0	11.0	11.4	11.7	10.8	8.3	11.9	3.5	3.5	3.6	4.0	8.0
3	12.8	10.6	11.0	11.7	11.2	7.1	12.1	3.4	3.4	3.6	4.1	7.8
4	12.5	10.3	10.7	11.5	11.0	6.0	12.4	3.4	3.3	3.5	4.2	7.3
5	12.2	10.1	10.4	11.2	10.4	5.6	12.2	3.4	3.2	3.6	4.2	6.9
6	11.9	10.8	10.4	10.6	9.9	5.3	11.9	3.6	3.2	3.7	4.3	7.0
7	11.6	11.0	10.7	9.9	11.4	5.0	11.3	3.7	3.1	4.2	4.2	7.6
8	11.1	11.6	10.4	9.1	12.0	4.6	10.3	3.5	3.1	4.8	4.1	7.6
9	10.7	11.8	10.3	8.2	12.8	4.3	8.7	3.4	3.03	4.8	4.6	8.5
10	10.4	12.4	10.8	7.6	13.1	4.1	7.0	3.6	3.2	4.7	8.1	9.0
11	10.4	12.2	11.8	7.0	13.0	4.0	6.0	4.0	4.1	4.6	9.2	10.2
12	10.2	12.4	12.8	6.6	12.4	3.9	6.0	4.1	4.8	4.4	10.4	10.7
13	10.1	12.5	13.9	6.3	11.8	3.8	8.2	4.1	6.0	4.2	10.9	11.6
14	9.9	12.3	14.3	6.1	10.7	6.4	9.6	4.1	6.4	4.1	11.0	12.2
15	11.8	12.0	14.4	6.0	9.3	7.5	9.6	4.0	6.2	4.2	10.6	12.3
16	12.6	11.5	14.5	6.1	7.8	8.2	8.7	3.8	5.7	4.0	10.2	12.0
17	13.7	11.0	14.6	6.0	6.6	7.5	7.4	3.6	5.2	3.8	9.6	11.5
18	14.4	10.4	15.2	6.0	7.2	6.4	6.4	3.5	4.6	3.8	8.9	10.8
19	14.6	9.8	15.4	5.8	10.8	5.5	5.6	4.0	4.3	3.8	8.4	9.8
20	14.6	9.2	15.53	5.6	12.2	4.9	5.0	4.2	4.1	3.8	7.9	8.6
21	14.4	8.6	15.3	8.5	13.4	4.6	4.6	4.4	3.9	3.6	7.3	7.4
22	14.0	8.2	15.0	9.2	14.2	4.3	4.4	5.0	3.7	3.6	6.8	6.8
23	13.6	7.7	14.5	10.0	14.6	4.0	4.1	5.2	3.9	3.6	6.7	6.6
24	13.0	7.4	14.1	10.8	14.7	3.8	6.4	6.2	3.8	3.6	6.5	6.4
25	12.6	7.7	13.6	10.8	14.6	3.9	5.2	6.6	3.8	3.6	6.3	6.0
26	12.0	9.0	13.2	10.2	14.4	3.8	5.0	6.3	3.6	3.6	6.4	6.2
27	11.4	10.1	12.6	9.6	13.8	3.9	4.6	5.7	3.6	3.8	6.4	6.0
28	10.8	11.1	12.1	8.8	13.2	11.2	4.4	5.1	3.6	3.8	6.2	6.0
29	10.5	11.5	11.4	8.5	12.6	10.8	4.2	4.5	3.6	3.8	7.0	6.2
30	10.8		11.0	10.0	11.8	11.0	4.0	4.2	3.5	3.8	7.4	6.6
31	11.0		10.7		10.8		3.8	3.8		3.9		7.2

8:00 a.m. readings.

1959
OBION RIVER
OBION, TENN.

Zero of gage: 261.23 m.g.l.
Lat.: 36° 15' 10" - Long.: 89° 11' 45"
Memphis District, CE gage.

Stevens A 35 B continuous recorder in 6" x 6" concrete house on right bank of river, just below U. S. Highway 51 bridge over Obion River, 1/2 mile south of Obion, Tennessee.

Highest: 17.33 on 17 February.
Lowest: 3.64 at 11:00 p.m. on 25 September.
Period of record: 16 July 1929 to date.
Highest for period of record: 25.40 on 24 January 1937.
Lowest for period of record: -0.04 on 1 September 1936.

Note: Gage taken over from U.S.G.S. on 22 July 1959.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1								12.8	9.6	8.4	4.9	7.6
2								12.2	10.5	8.6	4.8	7.6
3								11.4	10.4	7.8	4.6	7.4
4								10.2	9.6	6.8	4.6	7.2
5								8.4	8.5	6.0	8.3	7.0
6								6.8	7.4	7.0	7.9	6.7
7								6.8	6.5	7.2	9.2	6.5
8								8.5	6.0	9.5	9.8	6.3
9								11.2	5.3	10.4	9.3	6.2
10								11.6	5.2	10.4	8.4	6.0
11								11.2	6.4	10.0	7.6	6.5
12								10.2	9.1	9.5	6.9	11.5
13								8.4	10.4	10.0	6.4	12.0
14								6.7	10.5	11.0	6.2	13.2
15								5.8	10.4	11.3	6.4	14.5
16								5.8	9.6	11.8	6.4	15.0
17		17.33						5.4	8.6	11.9	6.6	15.2
18								5.2	7.4	11.5	6.6	14.9
19								5.3	6.4	10.7	6.5	14.8
20								5.2	5.6	9.4	6.4	14.8
21								5.4	5.0	8.0	6.2	14.6
22								5.4	4.5	6.8	6.1	14.4
23							6.4	5.0	4.2	6.2	6.0	14.1
24							8.6	4.6	3.9	6.1	5.9	13.7
25							11.9	4.6	3.64	6.1	5.9	13.2
26							13.6	4.8	4.1	6.4	5.8	12.8
27							14.2	5.1	4.6	6.4	6.0	12.2
28							14.2	5.2	4.8	6.1	6.1	12.0
29							14.0	5.4	7.0	5.7	6.6	11.6
30							13.6	6.2	7.8	5.4	7.3	12.3
31							13.2	7.5		5.1		12.8

8:00 a.m. readings.

260. Obion River at Obion, Tenn.

Location.--Lat 36°15'05", long 89°11'33", on right bank 20 ft downstream from bridge on U. S. Highway 51, half a mile upstream from Richland Creek, 0.6 mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks.

Drainage area.--1,880 sq mi, approximately.

Records available.--July 1929 to September 1958 (discontinued).

Gage.--Water-stage recorder. Datum of gage is 261.23 ft above mean Gulf level. Prior to Oct. 1, 1932, chain gage at present site at datum 10.00 ft lower; Oct. 1, 1932, to Aug. 2, 1939, chain gage at present site and datum.

Average discharge.--29 years, 2,495 cfs.

Extremes.--Maximum discharge during year, 53,600 cfs Nov. 20 (gage height, 22.25 ft); minimum, 376 cfs Oct. 16 (gage height, 2.97 ft).

1929-58: Maximum discharge, 99,500 cfs Jan. 24, 1937 (gage height, 25.4 ft, from floodmarks); minimum (under conditions of no backwater), 230 cfs Oct. 7-9, 12, 1943; minimum gage height, -0.04 ft Sept. 1, 1936; minimum daily discharge, 15 cfs (backwater from Mississippi River) Feb. 4, 1937; reverse flow of 57 cfs was measured by current meter on that date.

Remarks.--Records poor.

Revisions (water years).--WSP 1211: 1930, 1943.

Rating table, water year 1957-58 (gage height, in feet, and discharge, in cubic feet per second)
(Shifting-control method used Oct. 23, 24, Nov. 7, 8, 13, 14, Dec. 1-7, 19, 20, Dec. 31 to Jan. 12, Jan. 20, 21, Jan. 28 to Feb. 8, Mar. 7, 8, 15-23, Apr. 3-16, 20, 21, May 2, 3, 15-28, June 11, 15, 16, July 7-9, 12-25, Aug. 17, Sept. 20, 21, 26-30)

3.0	380	13.0	2,940	19.0	30,000
6.0	845	14.0	3,980	21.0	43,400
10.0	1,680	14.5	5,100	22.2	53,200
12.0	2,300	15.0	7,000		

Discharge, in cubic feet per second, water year October 1957 to September 1958

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	512	962	3,640	2,840	2,060	2,140	6,880	4,980	664	480	762	433
2	490	856	2,980	2,320	2,050	2,280	5,590	4,410	634	465	683	430
3	471	888	2,470	1,970	2,190	2,220	4,080	5,590	610	453	861	458
4	458	847	2,080	1,740	2,220	2,030	3,300	8,850	590	444	994	458
5	446	808	1,870	1,520	2,100	1,820	2,770	12,100	574	436	897	439
6	440	763	1,760	1,300	2,080	1,600	2,570	14,900	556	439	757	428
7	439	754	2,560	1,120	2,250	1,520	2,360	*14,900	540	518	654	459
8	*436	1,590	6,760	1,000	3,040	2,190	*2,280	13,300	525	1,440	580	498
9	426	2,360	14,200	940	4,010	3,680	2,220	11,000	513	2,320	540	450
10	415	3,440	16,600	899	4,270	5,800	2,100	9,050	496	3,080	510	422
11	405	6,010	17,300	888	*3,970	7,100	1,990	8,150	530	3,870	494	415
12	397	8,680	16,300	886	3,560	*6,520	1,900	7,600	779	3,640	498	408
13	391	9,820	13,600	1,080	3,150	5,590	1,820	6,600	989	3,280	552	401
14	388	12,400	10,400	1,740	2,740	4,650	1,750	5,240	976	2,770	600	394
15	380	17,000	7,900	2,230	2,360	4,130	1,780	3,740	931	2,530	613	395
16	381	19,600	6,200	3,220	1,980	3,740	1,940	2,870	958	2,490	600	*411
17	411	20,000	5,240	3,820	1,680	3,190	2,150	2,290	973	2,520	659	510
18	416	27,000	5,070	3,740	1,380	2,860	2,440	1,870	951	2,370	*666	556
19	407	45,200	6,520	3,440	1,120	2,940	2,560	1,610	*876	2,230	600	588
20	395	*53,100	10,400	3,230	966	3,580	2,510	1,410	780	2,130	546	797
21	391	50,700	13,300	*3,720	903	3,830	2,710	1,210	696	2,080	512	1,220
22	386	44,800	15,300	3,480	917	3,590	3,330	1,020	634	*2,120	495	1,480
23	540	37,200	16,100	8,200	939	3,920	3,680	910	585	2,340	484	1,680
24	1,180	29,900	15,500	8,900	985	7,750	3,590	823	554	2,620	480	1,670
25	1,620	22,800	13,700	7,800	1,060	14,800	3,360	754	532	2,800	476	1,490
26	1,930	16,400	11,600	6,320	1,130	17,000	3,320	752	552	2,770	468	1,240
27	2,020	11,700	9,550	5,200	1,660	16,400	3,910	750	546	2,480	464	991
28	1,960	8,550	7,800	4,010	1,940	15,400	4,580	728	522	2,100	460	816
29	1,790	6,300	6,200	3,300	-	13,000	5,100	710	508	1,740	454	691
30	1,500	4,620	4,950	2,690	--------	10,600	5,140	701	494	1,330	447	616
31	1,190	--------	*3,620	2,280	--------	8,350	--------	691	--------	982	439	--------
Total	23,011	465,048	271,470	95,823	58,710	184,220	93,710	149,509	20,068	61,267	18,245	21,244
Mean	742	15,500	8,757	3,091	2,097	5,943	3,124	4,823	669	1,976	589	708
Cfsm	0.395	8.24	4.66	1.64	1.12	3.16	1.66	2.57	0.356	1.05	0.313	0.377
In.	0.46	9.20	5.37	1.90	1.16	3.64	1.85	2.96	0.40	1.21	0.36	0.42

Calendar year 1957: Max 53,100 Min 380 Mean 5,022 Cfsm 2.67 In. 36.26
Water year 1957-58: Max 53,100 Min 380 Mean 4,006 Cfsm 2.13 In. 28.93

* Discharge measurement made on this day.

0 = 261.48 MSL

Obion River at Obion, Tenn.

Location.--Lat 36°15'05", long 89°11'33", on right bank 20 ft downstream from bridge on U. S. Highway 51, half a mile upstream from Richland Creek, 0.6 mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks.

Drainage area.--1,880 sq mi, approximately.

Records available.--July 1929 to September 1957.

Gage.--Water-stage recorder. Datum of gage is 261.23 ft above mean Gulf level. Prior to Oct. 1, 1932, chain gage at site 20 ft upstream at datum 10.00 ft lower and Oct. 1, 1932, to Aug. 3, 1939, chain gage at present site and datum.

Average discharge.--28 years, 2,441 cfs.

Extremes.--Maximum discharge during year, 25,100 cfs May 25 (gage height, 18.55 ft); minimum, 241 cfs Oct. 18-20 (gage height, 1.80 ft).

1929-57: Maximum discharge, 99,500 cfs Jan. 24, 1937 (gage height, 25.4 ft, from floodmarks); minimum (under conditions of no backwater), 230 cfs Oct. 7-9, 12, 1943; minimum gage height, -0.04 ft Sept. 1, 1936; minimum daily discharge, 15 cfs Feb. 4, 1937 (backwater from Mississippi River); reverse flow of 57 cfs was measured by current meter on that date.

Remarks.--Records poor.

Revisions (water years).--WSP 1211: 1930, 1943.

Rating tables, water year 1956-57 (gage height, in feet, and discharge, in cubic feet per second)
(Shifting-control method used Oct. 1 to Nov. 20, Nov. 26 to Dec. 19, Jan. 22, 28, Feb. 15-17, 24-27, Mar. 3-25, Apr. 4, 15-23, May 13, 19, 22, 23, June 17-19, 22-30, July 10-19, Aug. 14)

Oct. 1 to Feb. 3				Feb. 4 to Sept. 30			
1.3	240	13.0	3,170	3.0	380	14.0	3,980
2.0	310	14.0	4,420	6.0	845	14.5	5,100
4.0	587	15.0	7,000	10.0	1,680	15.0	7,000
8.0	1,380	17.0	16,100	12.0	2,300	17.0	16,400
12.0	2,500	19.0	28,200	13.0	2,940	19.0	28,200

Discharge, in cubic feet per second, water year October 1956 to September 1957

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	245	288	400	488	21,100	4,410	1,440	1,270	6,760	9,120	1,430	437
2	246	287	393	472	24,100	4,620	1,230	1,050	5,620	14,500	1,330	465
3	253	285	385	462	24,900	4,130	1,130	881	5,140	15,000	1,100	513
4	283	282	381	468	23,000	3,580	2,320	768	4,950	13,600	910	562
5	306	281	379	502	19,600	3,040	5,230	715	5,880	11,800	831	554
6	336	283	378	520	16,200	2,630	11,900	669	7,800	9,650	782	501
7	340	286	386	553	13,400	2,260	14,100	614	9,280	7,920	677	456
8	312	285	398	566	11,000	2,060	14,800	567	10,400	6,280	590	428
9	291	286	400	566	9,200	2,270	*14,400	530	10,300	4,920	528	*414
10	274	287	404	576	8,400	2,220	13,000	501	8,520	3,660	484	408
11	266	287	412	584	7,840	2,120	11,100	532	6,920	2,800	456	404
12	263	287	436	590	*7,040	1,970	8,880	532	6,320	2,200	439	408
13	260	287	442	584	6,080	1,820	6,960	753	6,320	1,780	502	428
14	256	289	443	558	4,860	1,900	5,310	1,780	6,680	1,460	*701	437
15	250	307	452	*534	3,620	1,860	3,880	*2,150	6,560	1,080	1,190	444
16	*245	337	462	482	2,990	1,770	3,110	2,720	5,520	867	1,480	456
17	242	366	474	502	2,700	1,630	2,550	3,400	3,800	767	1,720	464
18	241	405	478	479	3,530	1,460	2,120	3,580	2,870	690	1,960	459
19	241	406	*468	474	3,670	*1,290	1,870	3,870	*2,590	706	2,150	466
20	241	474	854	496	3,880	1,150	1,710	4,470	3,850	1,240	2,360	490
21	243	918	902	544	4,390	1,060	1,500	5,380	4,350	1,590	2,380	501
22	248	916	847	1,300	4,830	993	1,410	7,000	3,680	1,590	2,160	538
23	250	940	826	2,240	4,720	948	2,120	15,400	3,120	1,380	1,860	596
24	252	883	749	2,510	3,770	917	2,340	23,300	2,880	1,240	1,480	704
25	256	738	677	3,280	3,310	1,140	2,440	24,700	2,550	1,160	1,110	742
26	294	598	624	4,580	2,950	1,420	2,400	23,200	2,840	*1,110	821	709
27	297	*507	587	5,730	2,840	1,840	2,330	21,000	2,740	982	669	662
28	287	458	553	6,960	3,840	2,030	2,160	18,400	2,410	842	580	614
29	287	429	531	9,750	-	2,020	1,900	15,500	2,180	804	526	570
30	285	414	513	13,200	------	1,900	1,600	12,200	4,410	1,060	484	538
31	287	-----	501	17,500	-----	1,690	-----	9,040	------	1,330	454	------
Total	8,377	13,096	16,135	78,050	247,760	64,148	147,240	206,472	157,240	123,128	34,144	15,368
Mean	270	437	520	2,518	8,849	2,069	4,908	6,660	5,241	3,972	1,101	512
Cfsm	0.144	0.232	0.277	1.34	4.71	1.10	2.61	3.54	2.79	2.11	0.586	0.272
In.	0.17	0.26	0.32	1.54	4.90	1.27	2.91	4.08	3.11	2.44	0.68	0.30
Ac-ft												

Calendar year 1956: Max 39,800 Min 241 Mean 2,240 Cfsm 1.19 In. 16.23 Ac-ft
Water year 1956-57: Max 24,900 Min 241 Mean 3,044 Cfsm 1.62 In. 21.98 Ac-ft

* Discharge measurement made on this day.

Obion River at Obion, Tenn.

Location.--Lat 36°15'05", long 89°11'33", on right bank 20 ft downstream from bridge on U. S. Highway 51, half a mile upstream from Richland Creek, 0.6 mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks.

Drainage area.--1,880 sq mi, approximately.

Records available.--July 1929 to September 1956.

Gage.--Water-stage recorder. Datum of gage is 261.23 ft above mean Gulf level. Prior to Oct. 1, 1932, chain gage at site 20 ft upstream at datum 10.00 ft lower and Oct. 1, 1932, to Aug. 3, 1939, chain gage at present site and datum.

Average discharge.--27 years, 2,419 cfs.

Extremes.--Maximum discharge during year, 40,100 cfs Feb. 3 (gage height, 20.56 ft); minimum, 241 cfs Sept. 21, 22 (gage height, 1.83 ft).

1929-56: Maximum discharge, 99,500 cfs Jan. 24, 1937 (gage height, 25.4 ft, from floodmarks); minimum (under conditions of no backwater), 230 cfs Oct. 7-9, 12, 1943; minimum gage height, -0.04 ft Sept. 1, 1936; during period of backwater from Mississippi River, a minimum daily discharge of 15 cfs occurred on Feb. 4, 1937; reverse flow of 57 cfs was measured by current meter on that date.

Remarks.--Records poor.

Revisions (water years).--WSP 1211: 1930, 1943.

Rating table, water year 1955-56 (gage height, in feet, and discharge, in cubic feet per second)
(Shifting-control method used Nov. 2 to Dec. 8, Dec. 11-28, Jan. 30, Feb. 4-16, Feb. 21 to Mar. 15, Mar. 22 to Apr. 4, Apr. 10, Apr. 19 to May 2, May 6-19, July 20, 21, 24, 25, Aug. 25 to Sept. 30)

2.0	310	14.0	4,420
4.0	587	15.0	7,000
8.0	1,380	17.0	16,100
12.0	2,500	19.0	28,200
13.0	3,170	20.6	40,400

Discharge, in cubic feet per second, water year October 1955 to September 1956

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	898	368	557	537	19,300	3,720	826	1,200	531	728	418	332
2	1,340	358	565	536	34,000	3,160	788	1,930	479	616	395	318
3	1,380	515	571	533	39,800	2,480	774	2,660	443	513	388	305
4	*1,110	730	784	531	*37,000	2,080	948	3,250	424	454	390	297
5	811	826	1,200	525	30,800	1,790	1,630	3,440	414	421	401	286
6	592	749	1,680	517	25,000	1,530	2,310	2,460	405	496	419	282
7	468	643	1,870	505	*19,900	*1,270	2,730	2,190	400	589	*401	286
8	426	*552	1,980	499	15,100	1,220	3,320	*1,940	395	537	375	274
9	432	491	2,050	491	10,800	1,460	3,790	1,640	390	456	356	268
10	426	458	2,030	*484	7,780	1,850	*3,740	1,280	382	397	345	264
11	402	442	1,890	479	5,790	2,040	3,840	980	376	*370	342	*259
12	379	431	1,590	474	4,680	2,090	4,660	817	*370	355	336	257
13	486	424	*1,150	466	4,040	2,030	5,970	721	370	412	331	255
14	972	424	883	485	3,670	2,280	6,960	653	408	775	330	255
15	1,270	435	735	484	*3,370	3,080	6,930	653	507	1,040	325	253
16	1,110	485	653	479	3,800	5,120	6,210	837	672	1,200	322	250
17	834	621	617	467	6,860	7,630	5,910	1,010	735	1,200	320	247
18	611	777	613	486	17,600	8,500	5,600	1,100	738	1,030	318	247
19	479	826	587	547	30,000	7,740	4,880	1,050	701	801	316	245
20	417	879	577	582	36,200	6,370	3,800	940	606	645	329	247
21	388	960	573	654	33,700	5,350	2,980	788	523	565	362	245
22	369	928	565	708	27,100	4,100	2,380	682	476	512	379	242
23	360	860	560	703	19,300	3,350	2,000	603	488	482	372	246
24	346	868	558	649	13,600	2,800	1,660	555	521	545	354	247
25	336	881	560	648	9,750	2,340	1,300	515	488	847	332	250
26	328	862	560	625	7,630	2,000	1,060	507	464	1,010	317	262
27	325	792	550	609	6,030	1,730	916	507	491	1,010	306	263
28	329	710	539	616	4,920	1,390	802	512	640	860	338	256
29	351	638	528	1,270	4,280	1,140	756	531	792	691	396	249
30	360	587	533	2,520	-------	1,000	875	597	813	555	392	246
31	370	-------	537	5,330	-------	908	-------	587	-------	470	356	------
Total	18,705	19,520	28,645	24,439	481,800	93,548	90,345	37,135	15,442	20,582	11,061	7,933
Mean	603	651	924	788	16,610	3,018	3,012	1,198	515	664	357	264
Cfsm	0.321	0.346	0.491	0.419	8.84	1.61	1.60	0.637	0.274	0.353	0.190	0.140
In.	0.37	0.39	0.57	0.48	9.53	1.85	1.79	0.73	0.31	0.41	0.22	0.16

Calendar year 1955: Max 18,900 Min 288 Mean 1,813 Cfsm 0.964 In. 13.10
Water year 1955-56: Max 39,800 Min 242 Mean 2,320 Cfsm 1.23 In. 16.81

* Discharge measurement made on this day.

Obion River at Obion, Tenn.

Location.--Lat 36°15'05", long 89°11'33", on right bank 20 ft downstream from bridge on U. S. Highway 51, half a mile upstream from Richland Creek, 0.6 mile (revised) south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks.

Drainage area.--1,880 sq mi.

Records available.--July 1929 to September 1955.

Gage.--Water-stage recorder. Datum of gage is 261.23 ft above mean Gulf level. Prior to Oct. 1, 1932, chain gage at site 20 ft upstream at datum 10.00 ft lower. Oct. 1, 1932, to Aug. 3, 1939, chain gage at present site and datum.

Average discharge.--26 years, 2,423 cfs.

Extremes.--Maximum discharge during year, 19,000 cfs Mar. 25 (gage height, 17.53 ft); minimum, 288 cfs Sept. 22, 23.

1929-55: Maximum discharge, 99,500 cfs Jan. 24, 1937 (gage height, 25.4 ft, from floodmarks); minimum (under conditions of no backwater), 230 cfs Oct. 7-9, 12, 1943; minimum gage height, -0.04 ft Sept. 1, 1936; during period of backwater from Mississippi River, a minimum daily discharge of 15 cfs occurred on Feb. 4, 1937; reverse flow of 57 cfs was measured by current meter on that date.

Remarks.--Records poor.

Revisions (water years).--WSP 1211: 1930, 1943.

Rating tables, water year 1954-55 (gage height, in feet, and discharge, in cubic feet per second)
(Shifting-control method used Dec. 13, 28, Feb. 5, 6, Mar. 6-18, 20, Mar. 31 to Apr. 6, Apr. 13, 21, 22, Apr. 26 to May 8, May 12, 13, 21, 22, May 27 to June 10, July 15, 18, 20, 23, Sept. 30)

Oct. 1 to May 27				May 28 to Sept. 30			
2.5	320	13.0	3,170	1.8	285	10.0	1,870
3.0	380	15.0	7,000	2.0	315	12.0	2,500
6.0	840	17.0	16,100	4.0	660	13.0	3,170
10.0	1,740	17.6	19,400	8.0	1,440		
12.0	2,500						

Discharge, in cubic feet per second, water year October 1954 to September 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	630	346	418	2,100	492	5,200	3,120	1,650	2,600	491	624	326
2	959	344	411	2,030	520	5,120	2,460	1,250	2,380	439	520	321
3	952	344	409	1,800	566	5,400	2,030	935	2,180	409	460	317
4	881	348	407	1,500	583	5,550	1,650	772	1,960	393	429	312
5	721	355	496	a1,200	806	5,250	1,420	632	1,670	498	402	310
6	600	363	881	a950	1,410	4,350	2,200	542	*1,500	*690	384	308
7	504	369	927	a800	1,940	3,720	2,460	512	1,800	842	412	306
8	429	367	948	a730	*2,730	3,520	2,770	511	2,060	1,220	505	309
9	393	360	865	a680	3,730	*3,340	3,150	505	2,160	1,470	577	308
10	369	358	742	a670	4,280	3,130	3,360	471	2,050	1,400	*536	303
11	355	352	649	*683	4,190	2,860	3,440	447	1,860	1,120	448	298
12	349	340	641	718	3,810	2,560	3,430	553	1,680	848	424	298
13	*342	339	905	712	3,420	2,350	4,310	1,010	1,590	628	550	309
14	333	342	1,010	691	3,000	2,260	6,340	1,400	1,450	523	518	*312
15	346	346	*1,040	675	2,650	2,150	8,780	1,610	1,260	1,150	417	304
16	393	*358	966	675	2,350	2,020	10,200	1,560	1,050	974	376	300
17	373	370	840	681	2,050	2,160	9,930	1,400	873	865	424	296
18	348	383	729	691	1,810	2,840	8,420	*1,200	726	747	806	294
19	332	388	649	734	1,620	4,020	6,540	979	620	631	1,080	292
20	325	388	594	734	1,580	6,270	*5,180	794	547	646	1,100	291
21	322	390	558	701	1,820	10,900	4,000	826	503	1,130	956	291
22	324	388	534	662	2,180	15,200	3,780	1,680	473	1,380	740	288
23	324	383	514	661	2,960	17,800	4,330	2,140	466	1,560	554	296
24	322	383	499	653	4,640	18,700	4,660	2,830	512	1,640	446	317
25	320	384	484	621	6,180	18,900	4,820	3,530	586	1,760	395	365
26	322	390	472	592	6,340	*17,900	4,280	3,830	692	1,910	369	366
27	328	402	471	565	5,970	14,500	3,610	3,810	827	1,980	358	344
28	333	415	715	542	5,400	10,700	2,960	3,060	816	1,860	349	328
29	339	427	1,240	516	-	7,780	2,400	2,910	704	1,540	344	323
30	345	427	1,600	496	-------	5,820	1,990	2,810	581	1,130	336	550
31	349	-------	1,960	487	-------	4,260	-------	2,710	-------	808	331	-------
Total	13,562	11,149	23,574	25,950	79,027	216,530	128,020	48,869	38,176	32,682	16,170	9,582
Mean	437	372	760	837	2,822	6,985	4,267	1,576	1,273	1,054	522	319
Cfsm	0.232	0.198	0.404	0.445	1.50	3.72	2.27	0.838	0.677	0.561	0.278	0.170
In.	0.27	0.22	0.47	0.51	1.56	4.28	2.53	0.97	0.76	0.65	0.32	0.19

Calendar year 1954: Max 9,800 Min 302 Mean 1,310 Cfsm 0.697 In. 9.48
Water year 1954-55: Max 18,900 Min 288 Mean 1,762 Cfsm 0.937 In. 12.73

* Discharge measurement made on this day.
a No gage-height record; discharge estimated on basis of recorded range in stage, weather records, and records for North, South and Rutherford Forks.

Obion River at Obion, Tenn.

Location.--Lat 36°15'05", long 89°11'33", on right bank 20 ft downstream from bridge on U. S. Highway 51, half a mile south of Obion, Obion County, half a mile upstream from Richland Creek, and 14½ miles downstream from confluence of North and South Forks.

Drainage area.--1,880 sq mi, approximately.

Records available.--July 1929 to September 1954.

Gage.--Water-stage recorder. Datum of gage is 261.23 ft above mean Gulf level. Prior to Oct. 1, 1932, chain gage at site 20 ft upstream at datum 10.00 ft lower, and Oct. 1, 1932, to Aug. 3, 1939, at present site and datum.

Average discharge.--25 years, 2,449 cfs.

Extremes.--Maximum discharge during year, 9,880 cfs Jan. 25 (gage height, 15.73 ft); minimum, 300 cfs Sept. 6, 7.

1929-54: Maximum discharge, 99,500 cfs Jan. 24, 1937 (gage height, 25.4 ft, from floodmarks); minimum (under conditions of no backwater), 230 cfs Oct. 7-9, 12, 1943; minimum gage height, -0.04 ft Sept. 1, 1936; during period of backwater from Mississippi River, a minimum daily discharge of 15 cfs occurred on Feb. 4, 1937; reverse flow of 57 cfs was measured by current meter on that date.

Remarks.--Records poor.

Revisions (water years).--WSP 1211: 1930, 1943.

Rating table, water year 1953-54 (gage height, in feet, and discharge, in cubic feet per second)
(Shifting-control method used Oct. 1 to Dec. 7, Dec. 16, 17, Jan. 10, 11, 15, 16, Feb. 2-13, 16, 17, Feb. 25 to Mar. 8, Mar. 24, 25, Apr. 2-12, 16, May 1, 6-17, 29, June 3, 8-19)

2.2	300	13.0	3,170
3.0	391	14.0	4,420
7.0	1,040	15.0	7,000
10.0	1,740	16.0	11,100
12.0	2,500		

Discharge, in cubic feet per second, water year October 1953 to September 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	348	369	438	636	4,510	2,300	4,240	2,670	620	372	323	313
2	343	362	433	602	3,320	2,200	2,940	3,430	634	368	413	308
3	342	357	443	576	2,520	2,130	2,240	3,970	1,440	367	608	306
4	340	356	467	552	2,060	2,090	1,820	4,220	1,880	375	420	306
5	340	354	545	535	1,670	1,990	1,430	4,310	2,300	437	357	304
6	343	351	1,110	524	1,340	1,860	1,100	3,830	2,960	390	350	302
7	346	351	1,550	518	1,040	1,640	928	3,160	3,360	369	348	322
8	350	352	*1,810	509	873	1,420	874	2,580	2,550	361	345	357
9	350	352	1,970	509	761	1,220	794	2,290	2,230	356	342	377
10	349	354	1,910	775	700	988	738	2,060	2,240	355	*334	348
11	350	357	1,580	1,220	682	921	766	1,770	2,430	353	331	329
12	350	360	1,210	1,380	674	862	883	*1,360	2,550	350	323	315
13	349	363	943	1,410	666	816	*961	1,050	2,370	347	321	310
14	*348	366	806	1,330	668	766	927	864	2,040	344	321	309
15	346	366	729	1,630	660	717	889	792	1,580	343	322	309
16	346	367	671	2,340	*1,100	*671	1,100	800	1,140	340	320	307
17	346	368	631	3,160	2,080	637	1,480	814	889	336	315	304
18	346	369	588	4,980	2,720	618	1,880	797	*758	335	313	303
19	346	373	549	6,210	4,010	624	2,210	724	621	333	311	303
20	345	*379	533	*6,300	5,180	648	2,330	652	535	*332	484	304
21	345	384	530	6,150	5,320	679	2,290	594	480	336	664	468
22	345	810	540	6,790	5,520	684	2,130	554	448	342	516	663
23	345	1,140	546	7,980	5,280	761	1,970	527	432	375	425	*440
24	345	1,000	527	9,220	4,720	1,370	1,940	512	418	632	372	365
25	345	866	503	9,800	4,040	2,190	1,940	496	407	503	353	335
26	350	720	485	9,440	3,250	3,740	1,920	512	399	380	341	326
27	393	609	485	8,220	2,730	6,540	1,800	504	392	344	332	321
28	432	536	504	7,380	2,490	8,020	1,630	491	389	332	328	320
29	419	480	572	7,000	-	7,900	1,730	674	384	331	322	321
30	397	450	650	6,120	--------	6,650	2,080	887	378	328	318	543
31	379	--------	663	5,280	--------	5,300	--------	736	--------	323	333	--------
Total	11,018	14,221	24,921	119,076	70,584	68,952	49,960	48,630	39,254	11,389	11,505	10,438
Mean	355	474	804	3,841	2,521	2,224	1,665	1,569	1,308	367	371	348
Cfsm	0.189	0.252	0.428	2.04	1.34	1.18	0.886	0.835	0.696	0.195	0.197	0.185
In.	0.22	0.28	0.49	2.36	1.40	1.36	0.99	0.96	0.78	0.23	0.23	0.21

Calendar year 1953: Max 25,800 Min 340 Mean 2,356 Cfsm 1.25 In. 17.01
Water year 1953-54: Max 9,800 Min 302 Mean 1,315 Cfsm 0.699 In. 9.51

* Discharge measurement made on this day.

Obion River at Obion, Tenn.

Location.--Lat 36°15'05", long. 89°11'33", on right bank 20 ft downstream from bridge on U. S. Highway 51, half a mile south of Obion, Obion County, half a mile upstream from Richland Creek, and 14½ miles downstream from confluence of North and South Forks.

Drainage area.--1,880 sq mi, approximately.

Records available.--July 1929 to September 1953.

Gage.--Water-stage recorder. Datum of gage is 261.23 ft above mean Gulf level. Prior to Aug. 3, 1939, chain gage at same site and datum (prior to Oct. 1, 1932, at datum 10.00 ft lower).

Average discharge.--24 years, 2,496 cfs.

Extremes.--Maximum discharge during year, 26,100 cfs May 21 (gage height, 18.65 ft); minimum, 342 cfs Sept. 15, 16.

1929-53: Maximum discharge, 99,500 cfs Jan. 24, 1937 (gage height, 25.4 ft, from floodmarks); minimum (under conditions of no backwater), 230 cfs Oct. 7-9, 12, 1943; minimum gage height, -0.04 ft Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 cfs occurred on Feb. 4, 1937; reverse flow of 57 cfs was measured by current meter on that date.

Remarks.--Records poor.

Revisions (water years).--WSP 1211: 1930, 1943.

Rating table, water year 1952-53 (gage height, in feet, and discharge, in cubic feet per second)
(Shifting-control method used Oct. 1 to Nov. 8, Nov. 10, Dec. 4, 5, 10, Jan. 8, 16, 17, 23, Feb. 11, 12, Feb. 14 to Mar. 4, Mar. 11-15, 18, 22, 23, Apr. 1-4, 7-19, 29, 30, May 3, 6-10, 12, 13, 17, May 28 to June 8, July 5-20)

2.2	332	13.0	3,270
3.0	432	14.0	4,550
9.0	1,480	15.0	7,800
11.0	2,000	17.0	16,800
12.0	2,460	19.0	28,400

Discharge, in cubic feet per second, water year October 1952 to September 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	432	397	711	728	1,490	1,950	3,660	3,480	925	408	374	352
2	425	402	801	783	1,330	2,000	3,120	4,600	682	405	372	351
3	418	406	878	798	1,150	2,730	3,450	5,490	589	400	367	351
4	402	408	1,160	818	1,020	6,040	4,130	5,160	494	431	367	361
5	386	413	1,740	815	934	10,000	4,600	4,700	450	513	372	361
6	396	*415	2,010	789	983	11,100	4,490	5,400	449	505	385	358
7	400	419	2,180	764	1,150	11,600	3,920	6,600	597	555	391	358
8	397	429	2,260	1,330	1,200	12,700	3,550	6,980	691	553	386	355
9	415	436	*2,150	1,740	1,150	11,500	3,180	6,560	*713	555	379	351
10	*422	452	2,030	2,060	1,060	9,200	2,650	5,670	645	534	372	349
11	429	493	2,010	2,340	1,180	*6,700	2,280	5,100	587	507	368	349
12	468	653	2,110	2,380	1,760	4,980	2,000	5,400	536	488	366	349
13	482	871	2,250	2,240	2,480	4,120	1,760	*5,790	502	507	363	346
14	479	840	2,190	1,990	3,640	4,120	1,500	5,580	526	547	362	344
15	455	766	1,970	1,630	4,580	6,040	*1,270	5,880	893	*547	366	*342
16	432	699	1,600	1,430	*4,920	9,520	1,180	7,300	1,090	529	362	342
17	412	653	1,230	1,440	4,580	10,600	1,120	10,100	1,040	560	355	344
18	397	691	975	1,430	4,220	12,500	1,250	15,800	905	557	*355	344
19	390	1,330	859	1,420	3,520	14,900	1,640	21,800	755	571	357	349
20	380	1,320	817	*1,370	3,050	14,700	1,970	25,100	632	574	362	355
21	376	1,190	800	1,280	2,690	13,500	2,190	25,800	541	692	360	362
22	373	1,060	789	1,230	2,570	12,800	2,210	23,700	480	630	358	362
23	374	951	755	1,340	2,730	13,000	2,050	19,900	446	598	360	356
24	374	849	730	1,570	2,900	13,400	1,840	15,400	432	544	360	349
25	378	781	715	1,780	2,750	13,500	1,820	11,100	429	494	357	349
26	384	744	696	1,950	2,460	13,000	1,980	7,720	422	449	356	350
27	391	738	679	2,000	2,200	11,600	2,320	5,580	418	417	355	355
28	391	749	657	1,930	2,050	9,440	2,590	3,900	413	396	354	357
29	390	738	635	1,800	-	7,400	2,590	2,510	409	385	352	358
30	391	721	632	1,700	-	5,940	2,780	1,870	408	380	351	355
31	393	-	669	1,610	-	4,780	-	1,400	-	376	351	-
Total	12,632	21,014	39,688	46,485	65,747	285,360	75,090	281,370	18,099	15,607	11,295	10,564
Mean	407	700	1,280	1,500	2,348	9,205	2,503	9,076	603	503	364	352
Cfsm	0.216	0.372	0.681	0.798	1.25	4.90	1.33	4.83	0.321	0.268	0.194	0.187
In.	0.25	0.42	0.79	0.92	1.30	5.64	1.49	5.57	0.36	0.31	0.22	0.21

Calendar year 1952: Max 27,700 Min 373 Mean 2,481 Cfsm 1.32 In. 17.97
Water year 1952-53: Max 25,800 Min 342 Mean 2,419 Cfsm 1.29 In. 17.48

* Discharge measurement made on this day.

Obion River at Obion, Tenn.

Location.--Lat 36°15'05", long. 89°11'33", on right bank 20 ft downstream from bridge on U. S. Highway 51, half a mile south of Obion, Obion County, half a mile upstream from Richland Creek, and 14½ miles downstream from confluence of North and South Forks.

Drainage area.--1,880 sq mi, approximately.

Records available.--July 1929 to September 1952.

Gage.--Water-stage recorder. Datum of gage is 261.23 ft above mean Gulf level. Prior to Aug. 3, 1939, chain gage at same site and datum (prior to Oct. 1, 1932, at datum 10.00 ft lower).

Average discharge.--23 years, 2,500 cfs.

Extremes.--Maximum discharge during year, 27,800 cfs Mar. 24 (gage height, 18.57 ft); minimum, 395 cfs July 31 (gage height, 1.85 ft).

1929-52: Maximum discharge, 99,500 cfs Jan. 24, 1937 (gage height, 25.4 ft, from floodmarks); minimum (under conditions of no backwater), 230 cfs Oct. 7-9, 12, 1943; minimum gage height, -0.04 ft Sept. 1, 1936; during period of backwater from Mississippi River, a minimum daily discharge of 15 cfs occurred on Feb. 4, 1937; reverse flow of 57 cfs was measured by current meter on that date.

Remarks.--Records poor.

Revisions (water years).--W 1211: 1930, 1943.

Discharge, in cubic feet per second, water year October 1951 to September 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	933	1,790	10,500	8,780	2,560	1,980	2,860	763	546	407	400	414
2	748	2,090	8,600	6,850	2,320	1,660	3,010	711	528	460	406	445
3	634	2,570	6,940	6,610	2,520	1,680	4,280	689	509	582	409	546
4	567	2,870	6,170	9,420	3,380	2,680	5,220	657	497	903	408	718
5	523	2,950	7,210	11,800	6,490	5,490	5,670	630	489	1,470	405	987
6	500	2,960	9,280	13,100	7,750	7,520	6,980	*607	496	1,580	401	987
7	468	2,630	11,000	13,300	7,260	7,520	6,810	594	679	1,210	400	767
8	443	2,290	11,700	12,000	5,770	5,880	5,400	606	888	822	400	618
9	426	2,080	12,400	9,320	3,640	3,730	3,380	580	881	672	405	527
10	417	2,020	13,400	*6,650	2,950	3,380	2,720	630	*735	594	406	481
11	420	1,800	14,100	5,190	2,540	9,550	2,250	921	626	577	406	456
12	422	1,520	14,200	4,100	2,210	*17,800	1,810	1,290	553	541	481	442
13	424	1,310	13,500	3,420	*2,210	18,400	1,900	1,540	509	504	943	436
14	424	*1,160	12,000	3,020	3,570	17,400	2,610	1,460	484	476	826	441
15	422	1,310	10,600	2,730	7,520	16,600	3,570	1,240	468	489	763	541
16	415	1,760	9,960	2,420	9,460	14,200	3,730	999	457	*645	689	800
17	*409	2,320	9,320	2,130	9,550	10,900	3,060	824	448	868	641	1,090
18	409	2,700	8,740	1,830	8,830	8,110	*2,650	728	442	1,230	593	1,130
19	401	2,860	7,880	1,540	7,700	6,250	2,340	697	437	1,110	528	936
20	409	2,890	7,480	1,320	6,940	5,940	2,030	687	436	818	481	753
21	417	2,860	8,920	1,150	8,060	5,640	1,710	672	435	636	*456	648
22	403	2,790	11,300	1,680	9,060	12,000	1,420	652	427	534	442	571
23	428	2,710	13,000	2,570	9,420	24,000	1,340	636	420	479	438	*514
24	466	2,890	13,300	5,370	8,380	27,700	1,460	745	415	450	457	480
25	515	4,000	12,600	7,080	6,610	25,600	1,320	711	411	435	480	459
26	552	8,060	14,000	6,650	5,100	20,700	1,220	669	407	425	472	447
27	694	11,800	*14,700	5,430	3,340	15,900	1,130	644	405	417	452	440
28	999	13,100	14,700	3,740	2,810	11,800	994	612	402	410	440	438
29	883	13,200	13,800	3,260	2,380	8,380	896	580	400	403	433	435
30	814	12,200	12,700	3,060	-	5,800	824	553	398	397	426	433
31	919	-	11,000	2,840	-	3,480	-	548	-	396	419	-
Total	16,904	117,490	345,000	168,360	160,330	327,670	84,594	23,875	15,228	20,940	15,306	18,380
Mean	545	3,916	11,130	5,431	5,529	10,570	2,853	770	508	675	494	613
Cfsm	0.290	2.08	5.92	2.89	2.94	5.62	1.52	0.410	0.270	0.359	0.263	0.326
In.	0.33	2.32	6.82	3.33	3.17	6.48	1.69	0.47	0.30	0.41	0.30	0.36

Calendar year 1951: Max 36,800 Min 365 Mean 4,164 Cfsm 2.21 In. 30.04
Water year 1951-52: Max 27,700 Min 396 Mean 3,593 Cfsm 1.91 In. 25.98

* Discharge measurement made on this day.

Obion River at Obion, Tenn.

Location.--Lat 36°15'05", long. 89°11'33" (revised) on right bank 20 ft downstream from bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks.

Drainage area.--1,880 sq mi, approximately.

Records available.--July 1929 to September 1951.

Gage.--Water-stage recorder. Datum of gage is 261.23 ft above mean Gulf level. Prior to Aug. 3, 1939, chain gage at site 20 ft upstream at datum 10.00 ft lower prior to Oct. 1, 1932, and at present datum since Oct. 1, 1932.

Average discharge.--22 years, 2,450 cfs.

Extremes.--Maximum discharge during year, 37,100 cfs Jan. 17 (gage height, 20.20 ft); minimum, 358 cfs Aug. 27 (gage height, 2.32 ft).

1929-51: Maximum discharge, 99,500 cfs Jan. 24, 1937 (gage height, 25.4 ft, from floodmarks); minimum (under conditions of no backwater), 230 cfs Oct. 7-9, 12, 1943; minimum gage height, -0.04 ft Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 cfs occurred Feb. 4, 1937; reverse flow of 57 cfs was measured by current meter on that date.

Remarks.--Records fair.

Revisions.--Revised figures of discharge for periods in the water years 1930, 1943 are given herewith. They supersede those published in Water-Supply Papers 702 and 977.

Day (water year)	Discharge (cfs)	Day (water year)	Discharge (cfs)	Day (water year)	Discharge (cfs)
1929-30		1929-30		1929-30	
Dec. 22.....	3,460	Feb. 1.....	3,760	Mar. 24....	6,270
23.....	3,250	5.....	3,460	25....	4,600
Jan. 8.....	3,760	6.....	10,200	26....	3,540
9.....	22,100	7.....	12,300	Apr. 5....	3,460
10.....	38,700	8.....	11,400	6....	3,640
11.....	46,100	9.....	9,350	7....	3,760
12.....	45,400	10.....	6,640	8....	3,250
13.....	42,500	11.....	4,100	May 20....	3,760
14.....	37,500	12.....	3,190	21....	9,750
15.....	33,900	15.....	3,910	22....	15,800
16.....	28,400	16.....	6,270	23....	19,600
17.....	23,100	17.....	5,900	24....	9,350
18.....	17,200	18.....	5,200	25....	6,270
19.....	11,400	19.....	3,760	26....	4,330
20.....	8,150	20.....	3,190	27....	3,380
21.....	4,600	Mar. 7.....	1,620		
22.....	3,760	20.....	4,330	1942-43	
23.....	3,190	21.....	8,950	May 25....	2,720
30.....	3,190	22.....	9,350	July 29....	305
31.....	4,100	23.....	8,150	30....	288

Month	Cfs-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
December 1929.....	49,458	3,460	581	1,600	0.851	0.98
January 1930.....	410,820	46,100	2,250	13,300	7.07	8.15
February.....	126,660	12,300	1,910	4,520	2.40	2.50
March.....	102,360	9,350	1,440	3,300	1.76	2.03
April.....	42,916	3,760	581	1,430	.761	.85
May.....	107,045	19,600	562	3,450	1.84	2.12
Water year 1929-30.....	956,882	46,100	311	2,620	1.39	18.96
May 1943.....	70,682	9,320	421	2,280	1.21	1.40
July.....	9,625	738	246	310	.165	.19
Water year 1942-43.....	567,125	22,600	246	1,554	.827	11.23
Calendar year 1943.....	538,107	22,600	230	1,474	.784	10.65

Discharge, in cubic feet per second, of Obion River at Obion, Tenn., water year October 1950 to September 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,170	1,040	3,300	868	1,410	3,780	3,210	2,910	453	5,370	754	443
2	1,060	902	2,900	929	1,300	3,130	3,140	2,400	455	6,170	640	401
3	948	818	3,470	2,640	1,160	2,760	3,550	1,900	548	7,660	567	481
4	820	889	3,860	3,450	1,080	2,520	5,580	1,490	1,100	9,060	515	632
5	730	963	6,450	8,920	1,090	2,710	6,770	1,240	1,920	9,550	474	600
6	672	984	9,060	12,900	1,540	3,020	6,090	1,050	2,420	8,420	441	496
7	612	1,010	9,820	15,000	2,890	2,950	4,890	854	2,050	6,410	426	428
8	582	1,250	9,860	15,300	4,010	2,750	3,830	704	1,710	4,780	704	424
9	576	1,850	9,860	13,000	9,190	2,520	3,360	648	1,900	3,720	786	418
10	563	2,340	9,240	10,700	10,900	2,260	3,200	628	2,520	3,170	*704	436
11	544	2,780	7,880	*9,320	10,000	1,990	3,040	618	*3,390	2,940	728	*458
12	519	3,110	6,570	9,320	8,700	1,800	2,980	606	3,920	2,870	1,020	514
13	494	3,110	5,550	10,700	8,200	1,700	3,060	590	3,830	2,870	1,390	778
14	476	2,890	4,750	16,600	8,160	1,680	3,060	*570	3,080	3,080	1,580	1,300
15	453	2,580	*4,120	25,800	7,930	1,740	2,880	555	2,240	3,360	1,470	1,830
16	445	2,560	3,430	34,200	8,200	1,830	2,600	544	1,670	*3,340	1,170	2,040
17	436	2,610	3,000	36,800	8,240	1,930	2,280	536	1,270	2,980	874	1,780
18	428	2,880	2,590	33,800	9,240	2,880	*2,010	532	990	2,580	678	1,410
19	*422	3,350	2,160	27,600	10,200	4,430	1,700	523	822	2,090	557	1,070
20	413	4,180	1,750	20,600	11,400	8,060	1,500	510	841	1,580	491	828
21	438	*6,250	1,420	14,600	13,000	9,420	1,510	510	1,030	1,200	453	658
22	795	10,700	1,230	10,100	14,300	9,140	2,260	588	1,720	889	426	584
23	1,300	12,500	1,060	6,610	13,800	7,750	3,130	644	2,640	778	409	610
24	1,570	12,400	942	4,550	12,200	5,910	6,770	584	2,850	726	396	984
25	1,900	11,700	912	3,310	10,000	4,500	9,140	542	3,050	638	377	1,590
26	2,030	9,730	910	2,770	7,700	*3,490	8,880	534	3,020	664	365	1,920
27	2,030	7,390	904	2,320	5,910	2,970	7,260	500	2,720	803	368	2,060
28	1,960	5,800	883	1,970	4,720	2,820	5,700	483	2,310	1,010	474	1,880
29	1,770	4,780	879	1,740	-	2,900	4,580	476	2,820	1,100	640	1,310
30	1,510	4,030	866	1,570	-	3,420	3,550	466	3,760	1,040	604	1,190
31	1,240	-	862	1,490	-	3,570	-	456	-	902	508	-
Total	28,906	127,376	120,488	359,477	206,470	112,330	121,510	25,191	63,049	101,750	20,989	29,553
Mean	932	4,246	3,887	11,600	7,374	3,624	4,050	813	2,102	3,282	677	985
Cfsm	0.496	2.26	2.07	6.17	3.92	1.93	2.15	0.432	1.12	1.75	0.360	0.524
In.	0.57	2.52	2.38	7.11	4.08	2.22	2.40	0.50	1.25	2.01	0.42	0.58

Calendar year 1950: Max 26,000 Min 404 Mean 4,911 Cfsm 2.61 In. 35.46
Water year 1950-51: Max 36,800 Min 365 Mean 3,608 Cfsm 1.92 In. 26.04

* Discharge measurement made on this day.

Obion River at Obion, Tenn.

Location.--Water-stage recorder, lat. 36°15'10", long. 89°11'45", at bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks. Datum of gage is 261.23 feet above mean Gulf level.

Drainage area.--1,880 square miles.

Records available.--July 1929 to September 1950.

Average discharge.--21 years, 2,374 second-feet.

Extremes.--Maximum discharge during year, 26,700 second-feet Feb. 4; maximum gage height, 18.63 feet Feb. 4; minimum discharge, 339 second-feet Oct. 1, 2 (gage height, 1.78 feet).

1929-50: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum (under conditions of no backwater), 230 second-feet Oct. 7-9, 12, 1943; minimum gage height, -0.04 foot Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred Feb. 4, 1937; reverse flow of 57 second-feet was measured by current meter on that date.

Remarks.--Records fair.

Discharge, in second-feet, water year October 1949 to September 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	343	978	569	2,600	16,600	2,650	6,850	1,240	822	468	4,200	8,380
2	341	1,030	545	4,030	21,200	2,860	5,400	1,840	792	422	3,100	10,300
3	359	1,030	527	9,910	25,600	3,760	6,090	2,460	910	404	2,720	11,600
4	572	984	534	16,800	26,000	4,240	8,560	2,740	1,700	881	2,410	12,200
5	1,660	898	563	20,900	24,000	3,400	10,900	3,100	2,650	1,820	2,060	12,300
6	2,730	776	599	22,900	19,600	3,040	10,900	3,190	3,260	2,430	1,600	12,200
7	3,320	682	742	23,000	14,800	2,710	9,780	3,370	3,320	3,020	1,100	11,200
8	7,570	630	796	22,100	11,000	2,490	7,980	4,180	3,020	3,800	820	10,000
9	9,240	603	786	20,100	8,380	2,290	5,840	7,440	2,480	2,870	687	8,470
10	9,280	583	732	19,400	6,980	2,180	3,520	10,000	1,790	2,250	576	7,160
11	8,520	572	1,630	18,600	6,610	2,200	2,710	10,500	1,310	1,480	543	6,290
12	7,840	590	3,000	18,600	7,120	2,160	2,220	9,730	1,060	878	525	5,800
13	6,530	1,430	7,420	19,200	12,900	3,620	1,760	8,560	1,060	581	506	4,980
14	5,840	1,800	15,400	19,600	19,800	8,520	1,300	8,240	1,580	486	506	4,120
15	5,220	1,980	21,900	18,300	19,400	10,700	1,010	7,440	1,520	446	520	3,140
16	4,140	1,950	25,700	16,200	17,400	10,900	870	5,980	1,340	432	768	2,810
17	2,980	1,740	23,700	14,100	15,600	9,730	806	4,680	1,060	410	1,330	2,540
18	2,360	1,470	19,900	12,400	13,700	7,880	764	3,380	810	862	1,850	2,300
19	1,700	1,210	15,600	10,600	10,800	6,210	716	2,860	648	1,500	2,280	2,140
20	1,050	986	12,200	9,280	7,880	5,250	708	2,600	1,190	2,180	2,460	1,860
21	814	838	8,920	8,060	6,250	4,980	700	2,690	2,710	2,900	2,140	1,540
22	696	732	6,570	6,650	5,880	5,190	666	3,040	3,230	3,300	1,680	1,370
23	700	660	5,160	6,050	5,800	4,600	646	2,910	4,380	5,400	1,260	1,210
24	716	624	4,650	5,370	6,170	3,440	644	2,610	3,540	8.470	964	1,120
25	744	615	3,880	4,720	5,800	2,830	673	2,290	2,890	10,600	2,360	1,020
26	794	612	3,240	5,430	4,800	2,400	710	1,990	2,220	11,000	2,650	856
27	838	597	2,870	6,770	3,250	2,780	760	1,490	1,450	10,800	3,090	936
28	846	585	2,710	10,400	2,830	4,180	782	1,090	880	10,300	3,670	1,010
29	830	587	2,820	12,600	-	9,320	790	916	687	9,240	4,140	1,170
30	782	581	2,820	12,700	-	10,600	920	810	543	7,300	4,750	1,210
31	824	-	2,610	13,600	-	9,100	-	810	-	5,520	6,330	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	90,179	9,280	341	2,909	1.55	1.78
November	28,353	1,980	572	945	.503	.56
December	199,093	25,700	527	6,422	3.42	3.94
Calendar year 1949	1,233,206	25,700	341	3,379	1.80	24.38
January	410,970	23,000	2,600	13,260	7.05	8.13
February	346,150	26,000	2,830	12,360	6.57	6.85
March	156,210	10,900	2,160	5,039	2.68	3.09
April	95,975	10,900	644	3,199	1.70	1.90
May	124,176	10,500	810	4,006	2.13	2.46
June	54,852	4,380	543	1,828	.972	1.09
July	112,450	11,000	404	3,627	1.93	2.22
August	63,595	6,330	506	2,051	1.09	1.26
September	151,232	12,300	856	5,041	2.68	2.99
Water year 1949-50	1,833,235	26,000	341	5,023	2.67	36.27

Peak discharge (base, 5,500 sec.-ft.).--Oct. 10 (6 a.m.) 9,420 sec.-ft.; Dec. 16 (12 m.) 25,800 sec.-ft.; Jan. 6 (6 p.m.) 23,100 sec.-ft.; Feb. 4 (6 a.m.) 26,700 sec.-ft.; Feb. 14 (5 p.m.) 20,400 sec.-ft.; Mar. 16 (6 a.m.) 11,000 sec.-ft.; Mar. 30 (6 a.m.) 10,800 sec.-ft.; Apr. 5 (12 p.m.) 11,100 sec.-ft.; May 11 (4 a.m.) 10,600 sec.-ft.; July 26 (1 a.m.) 11,100 sec.-ft.; Sept. 6 (1 a.m.) 12,500 sec.-ft.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks. Datum of gage is 261.23 feet above mean Gulf level.

Drainage area.- 1,880 square miles.

Records available.- July 1929 to September 1949.

Average discharge.- 20 years, 2,241 second-feet.

Extremes.- Maximum discharge during year, 17,400 second-feet Jan. 29 (gage height, 17.12 feet); minimum, 344 second-feet Oct. 16 (gage height, 1.24 feet).

1929-49: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum (under conditions of no backwater), 230 second-feet Oct. 7-9, 12, 1943; minimum gage height, -0.04 foot Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred Feb. 4, 1937; reverse flow of 57 second-feet was measured by current meter on that date.

Remarks.- Records fair except those for periods of fragmentary gage-height record, which are poor.

Discharge, in second-feet, water year October 1948 to September 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	546	1,290	2,750	9,800	14,300	1,930	10,600	695	1,290	3,210	839	1,130
2	454	1,420	2,590	8,000	11,200	1,500	8,400	836	1,260	2,860	804	850
3	412	1,740	2,400	5,910	8,280	1,130	6,420	1,010	993	2,360	f666	610
4	380	1,900	2,200	5,610	6,070	933	4,450	1,090	826	1,740	f828	473
5	365	2,430	1,990	6,700	4,860	845	3,560	1,130	1,130	1,240	744	413
6	356	2,920	1,800	7,260	4,490	834	3,140	1,090	1,240	808	1,020	f436
7	359	3,870	1,730	8,120	3,860	818	2,790	975	1,180	677	1,400	f692
8	363	8,720	1,680	7,880	3,330	783	2,470	818	953	1,110	1,790	f674
9	379	11,100	1,640	6,560	3,000	1,540	2,110	994	722	1,330	1,740	596
10	362	12,500	1,470	4,750	2,680	2,560	1,580	1,470	871	1,310	1,600	541
11	353	12,200	1,230	3,860	2,370	2,850	1,940	1,460	918	1,990	1,620	458
12	352	10,900	1,080	3,380	1,960	3,720	2,360	1,270	867	2,690	1,510	406
13	349	8,840	957	3,040	2,530	4,680	2,980	1,010	1,020	3,200	1,540	464
14	345	6,520	901	2,650	4,300	3,680	4,510	791	1,680	4,170	1,740	564
15	345	4,410	2,420	2,260	11,800	3,470	7,190	658	2,410	4,350	1,790	498
16	345	3,560	3,850	2,350	16,000	3,060	7,400	581	2,580	3,880	1,760	479
17	398	3,060	8,400	2,980	16,200	2,780	6,100	552	2,840	3,620	1,980	492
18	528	2,960	12,700	3,250	15,800	2,680	4,060	522	3,200	3,600	2,200	776
19	565	3,690	14,800	4,510	13,800	3,300	3,280	498	3,630	3,910	2,420	1,410
20	485	3,770	14,600	6,770	11,000	3,880	2,780	514	4,010	4,100	2,460	1,380
21	434	6,460	12,300	8,320	8,520	5,010	2,320	797	4,280	3,700	2,040	1,050
22	418	9,360	9,160	9,120	6,040	5,610	1,740	1,030	4,040	3,200	1,460	727
23	410	10,600	6,140	9,760	4,210	5,700	1,220	1,020	3,600	2,630	969	521
24	401	10,700	4,800	10,600	3,560	5,160	944	925	3,670	1,860	672	428
25	392	9,680	4,860	11,500	3,180	4,470	818	1,020	3,820	1,410	f568	386
26	388	7,720	6,600	12,500	2,920	5,850	725	1,010	4,120	1,060	f575	367
27	389	5,640	9,000	14,200	2,640	9,600	655	853	4,240	757	f535	362
28	388	4,040	9,920	16,500	2,300	14,000	620	690	3,920	647	f632	359
29	389	3,400	10,600	17,200	-	15,800	626	586	3,800	1,140	f1,150	355
30	389	3,020	10,100	16,800	-	15,000	621	778	3,560	1,040	f1,390	352
31	618	-	10,200	16,200	-	13,100	-	1,340	-	855	f1,330	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	12,657	618	345	408	0.217	0.25
November	178,420	12,500	1,290	5,947	3.16	3.53
December	174,868	14,800	901	5,641	3.00	3.46
Calendar year 1948	1,009,161	17,400	296	2,757	1.47	19.97
January	248,340	17,200	2,260	8,011	4.26	4.91
February	191,200	16,200	1,960	6,829	3.63	3.78
March	146,273	15,800	783	4,718	2.51	2.89
April	98,409	10,600	620	3,280	1.74	1.95
May	28,013	1,470	498	904	.481	.55
June	72,870	4,280	722	2,429	1.29	1.44
July	70,454	4,350	647	2,273	1.21	1.39
August	41,770	2,460	533	1,347	.716	.83
September	18,249	1,410	352	608	.323	.36
Water year 1948-49	1,281,523	17,200	345	3,511	1.87	25.34

Peak discharge (base 5,500 sec.-ft.).- Nov. 10 (1 p.m.) 12,600 sec.-ft.; Nov. 24 (3 a.m.) 10,900 sec.-ft.; Dec. 19 (11 p.m.) 15,200 sec.-ft.; Dec. 29 (6 a.m.) 10,800 sec.-ft.; Jan. 7, (12 p.m.) 8,360 sec.-ft.; Jan. 29 (12 m.) 17,400 sec.-ft.; Feb. 17 (7 p.m.) 16,200 sec.-ft.; Mar. 29 (11 a.m.) 15,900 sec.-ft.; Apr. 16 (5 a.m.) 7,720 sec.-ft.

f Fragmentary gage-height record; discharge computed on basis of partly-estimated gage heights.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks. Datum of gage is 261.23 feet above mean Gulf level.

Drainage area.- 1,880 square miles.

Records available.- July 1929 to September 1948.

Average discharge.- 19 years, 2,174 second-feet.

Extremes.- Maximum discharge during year, 17,600 second-feet Feb. 17 (gage height, 16.74 feet); minimum, 296 second-feet July 11 (gage height, 0.90 foot).

1929-48: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum (under conditions of no backwater), 230 second-feet Oct. 7-9, 12, 1943; minimum gage height, -0.04 foot Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred on Feb. 4, 1937; reverse flow of 57 second-feet was measured by current meter on that date.

Remarks.- Records fair.

Rating table, water year 1947-48 (gage height, in feet and discharge, in second-feet)
(Shifting-control method used Feb. 24-27, Mar. 13-15, Apr. 7-14, 19-28)

0.9	296	11.0	2,440	14.5	7,300
2.0	455	12.0	2,860	15.5	11,800
4.0	770	13.0	3,440	16.7	17,400
7.0	1,320	13.5	4,100		
9.0	1,790	14.0	5,400		

Discharge, in second-feet, water year October 1947 to September 1948

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	314	2,410	599	1,730	640	7,390	6,250	460	389	402	1,620	436
2	316	2,590	562	2,290	632	7,880	8,160	610	372	366	1,560	410
3	314	2,730	540	2,580	628	8,240	8,520	865	362	352	1,380	467
4	330	2,820	532	3,110	1,080	10,400	6,020	775	356	334	1,150	586
5	560	2,860	535	3,390	2,150	11,200	4,830	660	353	325	906	1,060
6	509	2,800	528	3,370	2,600	9,460	3,700	616	355	325	640	1,760
7	395	2,700	845	3,220	3,060	8,340	3,220	592	359	317	486	1,960
8	363	2,510	2,000	3,060	4,830	8,160	2,910	570	369	311	413	2,050
9	348	2,160	2,160	2,860	6,410	7,520	2,540	526	374	304	379	1,960
10	335	1,740	2,170	2,520	5,310	5,640	2,190	491	360	302	356	1,690
11	327	2,210	1,890	1,970	4,650	4,320	1,770	466	346	296	360	1,280
12	324	2,270	1,480	1,520	5,610	3,560	2,320	565	338	302	352	850
13	323	2,270	1,140	1,480	7,030	3,080	3,000	605	334	425	346	602
14	320	2,160	906	1,490	11,100	2,740	3,410	556	330	668	353	473
15	318	2,530	904	1,380	14,700	2,460	5,460	491	334	573	632	412
16	313	2,590	1,700	1,270	16,600	4,080	6,690	570	416	518	540	382
17	313	2,760	1,960	1,090	17,400	4,920	4,720	1,090	419	455	458	363
18	383	2,920	2,060	877	15,800	8,560	3,410	1,190	392	741	428	351
19	781	2,960	2,070	720	13,300	10,400	2,900	1,220	389	1,010	406	346
20	824	2,900	2,030	663	9,910	10,400	2,430	1,260	380	971	370	345
21	826	2,820	1,960	653	7,080	7,930	1,840	1,220	372	882	369	344
22	700	2,700	1,860	708	4,780	7,120	1,170	1,040	359	767	373	341
23	528	2,500	1,660	831	3,420	8,020	916	754	346	1,390	342	335
24	432	2,130	1,370	680	2,940	9,500	820	568	360	1,700	327	331
25	395	1,710	1,050	820	3,260	10,700	692	482	367	1,740	320	325
26	380	1,320	832	720	3,370	9,060	607	434	456	1,540	316	321
27	1,110	1,020	716	642	3,580	7,660	557	408	420	1,310	313	321
28	1,920	853	653	629	5,610	6,900	518	394	468	1,410	313	342
29	2,040	743	616	642	7,390	6,610	500	395	442	1,450	338	456
30	2,080	658	602	626	-	5,160	472	414	398	1,510	480	599
31	2,180	-	604	634	-	4,980	-	413	-	1,580	504	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	20,601	2,180	313	665	0.354	0.41
November	67,344	2,960	658	2,245	1.19	1.33
December	38,534	2,170	528	1,243	.661	.76
Calendar year 1947	660,015	17,200	271	1,808	.962	13.05
January	48,175	3,390	626	1,554	.827	.95
February	184,870	17,400	628	6,375	3.39	3.66
March	222,390	11,200	2,460	7,174	3.82	4.40
April	92,542	8,520	472	3,085	1.64	1.83
May	20,700	1,260	394	668	.355	.41
June	11,315	468	330	377	.201	.22
July	24,596	1,740	296	793	.422	.49
August	17,130	1,620	313	553	.294	.34
September	21,498	2,050	321	717	.381	.43
Water year 1947-48	769,695	17,400	313	2,103	1.12	15.23

Peak discharge (base, 5,500 sec.-ft.).- Feb. 17 (7:30 p.m.) 17,600 sec.-ft.; Mar. 5 (10 a.m.) 11,400 sec.-ft.; Mar. 20 (2 a.m.) 10,600 sec.-ft.; Mar. 25 (3 p.m.) 10,900 sec.-ft.; Apr. 3 (5 a.m.) 8,780 sec.-ft.; Apr. 16 (11 a.m.) 6,770 sec.-ft.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks. Datum of gage is 261.23 feet above mean Gulf level.
Drainage area.- 1,880 square miles.
Records available.- July 1929 to September 1947.
Average discharge.- 18 years, 2,178 second-feet.
Extremes.- Maximum discharge during year, 17,400 second-feet Jan. 7 (gage height, 17.11 feet); minimum, 265 second-feet Sept. 9 (gage height, 0.90 foot).
1929-47: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum (under conditions of no backwater), 230 second-feet Oct. 7-9, 12, 1943; minimum gage height, -0.04 foot Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred on Feb. 4, 1937; reverse flow of 57 second-feet was measured by current meter on that date.
Remarks.- Records fair.

Rating tables, water year 1946-47 (gage height, in feet, and discharge, in second-feet)
(Shifting-control method used Jan. 14-19, 28-31, Feb. 1-10, Apr. 21 to May 4, June 4-10, Sept. 13-30)

Oct. 1 to Nov. 30, Apr. 16 to Sept. 30

0.9	265	9.0	1,900	14.0	4,550
2.0	435	12.0	2,870	15.0	7,800
4.0	785	13.0	3,390	16.0	12,000
7.0	1,380	13.5	3,800	17.1	17,300

Dec. 1 to Apr. 15

3.0	540
5.0	940
6.0	1,140
7.0	1,380

Note.- Same as preceding table above 7.0 feet.

Discharge, in second-feet, water year October 1946 to September 1947

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	350	532	a2,750	4,330	2,460	632	708	1,510	5,940	772	328	374
2	343	688	a2,650	7,120	2,460	h782	688	1,840	4,720	639	319	343
3	338	1,040	a2,450	10,100	2,390	h780	740	2,060	3,860	518	307	322
4	336	682	a1,900	11,000	2,260	784	696	2,130	3,000	438	296	304
5	332	525	a1,300	15,800	2,180	818	728	2,030	2,350	397	289	292
6	331	476	a950	16,800	2,040	1,180	1,030	1,820	1,470	384	283	282
7	330	688	a750	17,200	1,760	1,630	1,250	1,610	904	484	337	276
8	325	1,230	a650	15,300	1,520	1,730	1,780	1,310	802	472	385	271
9	325	1,040	a600	12,000	1,260	1,860	2,620	986	684	457	336	403
10	326	1,110	a550	8,800	994	1,950	2,820	751	546	400	350	1,230
11	330	1,760	702	6,350	748	2,000	4,580	625	452	a380	360	1,100
12	371	1,930	1,980	4,800	638	2,000	6,980	557	421	a360	374	673
13	385	1,960	2,360	3,920	614	1,990	8,440	522	403	a345	360	585
14	365	1,970	2,560	3,220	630	1,910	8,280	525	392	a345	340	500
15	352	1,940	2,890	2,800	668	1,760	6,770	912	392	a550	314	405
16	348	1,900	3,140	2,560	686	1,540	5,550	859	397	a1,020	506	350
17	346	2,020	3,240	2,460	682	1,250	4,950	663	381	a1,120	609	344
18	343	2,100	3,240	2,500	666	1,010	4,890	688	376	a980	581	349
19	342	2,000	3,170	2,810	652	852	4,310	912	381	a820	512	340
20	340	1,780	3,070	3,820	648	752	3,910	2,310	444	a780	460	328
21	340	1,610	2,900	4,550	656	688	3,400	2,580	569	a710	405	325
22	342	1,460	2,670	6,420	646	640	3,060	3,160	804	a570	355	506
23	349	1,270	2,310	7,050	646	614	2,780	4,920	1,130	a470	354	476
24	371	1,030	1,820	5,100	652	848	2,460	6,100	793	413	384	355
25	1,260	831	1,400	5,070	646	1,280	2,240	6,350	598	377	368	330
26	1,770	1,760	1,040	4,310	618	1,240	1,880	6,490	596	358	494	320
27	1,370	a2,400	846	3,850	598	1,100	1,530	7,160	1,210	344	776	314
28	1,030	a2,550	760	3,250	590	1,030	1,230	7,080	1,350	334	664	310
29	878	a2,650	2,300	2,860	-	982	1,120	6,800	1,140	379	630	310
30	753	h2,780	2,670	2,700	-	874	1,180	6,210	926	365	539	310
31	628	-	3,120	2,510	-	780	-	6,380	-	340	438	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	15,949	1,770	325	514	0.273	0.32
November	45,712	2,780	476	1,524	.811	.90
December	62,738	3,240	550	2,024	1.08	1.24
Calendar year 1946	867,691	24,600	320	2,377	1.26	17.17
January	205,360	17,200	2,460	6,625	3.52	4.06
February	31,008	2,460	590	1,107	.589	.61
March	37,286	2,000	614	1,203	.640	.74
April	92,600	8,440	688	3,087	1.64	1.83
May	87,850	7,160	522	2,834	1.51	1.74
June	37,431	5,940	376	1,248	.664	.74
July	16,321	1,120	334	526	.280	.32
August	13,053	776	283	421	.224	.26
September	12,627	1,230	271	421	.224	.25
Water year 1946-47	657,935	17,200	271	1,803	.959	13.01

a No gage-height record; discharge computed on basis of recorded range in stage, weather records, and records for North Fork Obion River near Union City.
h Computed from gage readings.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at toll bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks. Datum of gage is 261.23 feet above mean Gulf level.

Drainage area.- 1,880 square miles.

Records available.- July 1929 to September 1946.

Average discharge.- 17 years, 2,200 second-feet.

Extremes.- Maximum discharge during year, 25,200 second-feet Jan. 12 (gage height, 18.57 feet); minimum, 320 second-feet Sept. 14, 15, 16 (gage height, 1.37 feet).

1929-46: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum (under conditions of no backwater), 230 second-feet Oct. 7-9, 12, 1943; minimum gage height, -0.04 foot Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred Feb. 4, 1937; reverse flow of 57 second-feet was measured by current meter on that date.

Remarks.- Records fair.

Discharge, in second-feet, water year October 1945 to September 1946

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2,340	508	1,960	3,100	1,900	1,740	8,600	844	3,150	705	498	328
2	2,530	477	1,670	2,950	1,620	1,450	6,180	1,060	2,530	572	498	326
3	2,500	684	1,450	2,790	1,400	1,200	4,800	1,180	1,670	445	462	462
4	2,320	1,220	1,340	2,500	1,360	1,020	3,900	1,490	1,080	386	648	764
5	1,990	1,380	1,320	2,140	2,440	884	3,390	1,200	844	1,120	844	534
6	f1,810	1,500	1,260	1,930	3,710	984	3,000	944	686	2,380	1,040	462
7	1,380	1,580	1,180	2,080	8,400	1,850	2,530	804	f591	2,350	1.140	445
8	926	1,560	1,140	2,900	12,900	2,200	1,990	686	f553	2,350	1,000	411
9	652	1,630	1,100	6,880	12,900	2,380	1,960	629	f516	2,410	804	386
10	524	2,110	1,020	16,300	12,000	2,470	1,960	572	f667	2,530	1,000	360
11	477	2,470	924	22,200	9,800	2,500	1,960	784	686	2,630	1,020	352
12	432	2,560	824	24,600	9,200	2,500	1,930	1,020	f534	2,670	744	336
13	417	3,220	804	23,400	12,000	2,440	1,820	824	f516	2,710	572	328
14	402	5,800	1,140	20,600	13,400	2,350	1,640	724	f480	2,670	516	320
15	387	9,200	1,320	15,800	13,800	2,200	1,360	705	f445	2,710	498	320
16	380	9,000	1,220	11,600	12,400	2,410	1,140	904	445	2,750	480	328
17	380	7,800	1,140	8,200	11,100	2,500	984	1,020	428	2,710	445	328
18	372	6,520	1,140	6,180	8,800	2,590	904	1,240	f411	2,440	744	328
19	372	5,550	1,120	4,950	6,700	2,830	844	1,490	386	1,820	1,280	328
20	372	4,680	1,020	4,170	5,400	3,100	764	1,360	368	1,200	904	336
21	694	4,170	924	3,900	4,550	3,150	724	1,300	360	884	686	368
22	2,050	3,850	844	3,850	3,900	3,150	667	f1,280	352	1,360	629	368
23	2,200	3,540	844	4,350	3,540	3,100	629	1,280	352	1,040	534	572
24	2,200	3,390	1,180	4,550	3,150	3,000	724	1,640	336	705	462	516
25	2,140	3,200	2,260	4,170	2,790	2,870	924	2,870	336	534	411	462
26	2,020	3,050	2,470	3,850	2,410	3,390	824	2,950	516	445	386	428
27	1,810	2,870	2,710	f3,540	2,200	4,860	705	3,620	648	428	360	428
28	1,500	2,710	3,000	3,260	2,020	11,600	648	6,000	445	386	352	386
29	1,100	2,530	3,150	3,000	-	14,800	610	5,700	411	386	344	368
30	732	2,320	3,150	2,670	-	15,800	572	4,550	394	534	336	352
31	572	-	3,150	2,290	-	12,400	-	3,760	-	610	328	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	37,981	2,530	372	1,225	0.652	0.75
November	101,079	9,200	477	3,369	1.79	2.00
December	47,774	3,150	804	1,541	.820	.95
Calendar year 1945	1,209,361	29,000	297	3,313	1.76	23.93
January	224,700	24,600	1,930	7,248	3.86	4.44
February	185,790	13,800	1,360	6,635	3.53	3.68
March	119,718	15,800	884	3,862	2.05	2.37
April	58,683	8,600	572	1,956	1.04	1.16
May	54,430	6,000	572	1,756	.934	1.08
June	21,136	3,150	336	705	.375	.42
July	46,870	2,750	386	1,512	.804	.93
August	19,965	1,280	328	644	.343	.39
September	12,000	764	320	400	.213	.24
Water year 1945-46	930,126	24,600	320	2,548	1.36	18.41

f Computed on basis of partly estimated gage-height record.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at toll bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks. Datum of gage is 261.23 feet above mean Gulf level.

Drainage area.- 1,880 square miles.

Records available.- July 1929 to September 1945.

Average discharge.- 16 years, 2,179 second-feet.

Extremes.- Maximum discharge during year, 29,000 second-feet June 11 (gage height, 19.14 feet); minimum, 282 second-feet Oct. 27-29; minimum gage height, 0.70 foot Oct. 28. 1929-45: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum (under conditions of no backwater), 230 second-feet Oct. 7-9, 12, 1943; minimum gage height, -0.04 foot Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred Feb. 4, 1937; reverse flow of 57 second-feet was measured by current meter on that date.

Remarks.- Records fair.

Discharge, in second-feet, water year October 1944 to September 1945

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1,280	297	f492	g8,200	764	g7,800	f9,800	g1,360	524	540	350	327
2	1,220	297	g462	g10,200	700	g8,000	f15,300	g2,260	477	447	342	312
3	1,240	304	g432	f11,600	652	g7,600	19,400	2,670	447	417	327	312
4	1,430	304	f417	f12,000	620	g6,880	f20,600	g3,000	432	417	320	304
5	1,580	304	417	f12,000	652	g5,250	17,800	f3,540	417	417	312	297
6	1,580	304	417	10,600	684	g4,550	15,300	3,620	1,660	402	342	297
7	1,430	304	f604	9,000	764	g5,700	12,000	f3,540	2,630	387	938	297
8	1,200	327	f1,240	f8,600	1,700	g6,000	f8,600	3,390	4,250	380	1,430	364
9	836	492	1,260	g9,800	2,050	g4,680	g6,550	3,460	13,600	380	926	372
10	556	588	1,140	f10,600	2,080	g3,710	g4,550	5,250	25,800	387	508	417
11	447	540	f1,180	f9,400	1,960	g3,390	f3,320	8,000	29,000	380	417	387
12	402	508	g1,200	g7,800	1,870	f3,000	2,830	11,100	27,700	387	732	364
13	372	477	g1,100	g6,350	2,290	2,590	2,470	10,600	24,600	380	1,140	372
14	357	447	f944	g6,000	2,440	2,290	2,380	9,000	f19,400	432	700	668
15	342	f1,080	f800	g5,550	2,560	2,080	2,290	f7,220	14,300	588	508	684
16	327	f1,530	f684	g5,400	2,630	2,020	f2,290	g5,550	12,000	604	492	540
17	312	1,280	g604	g5,250	f2,830	2,170	f2,290	f5,100	10,200	524	556	477
18	304	f1,080	f556	f4,550	g3,000	2,380	f2,200	4,680	9,400	462	477	417
19	304	g1,080	620	3,850	g2,950	3,050	f2,140	3,760	9,800	417	417	432
20	297	g1,220	652	3,390	g2,910	4,170	2,110	3,200	9,800	387	372	588
21	297	g1,280	636	3,260	f2,950	f6,520	1,930	2,790	8,200	364	342	540
22	297	f1,180	636	3,050	3,670	g7,220	1,680	2,470	6,180	350	350	668
23	290	1,100	588	2,710	f6,000	f8,400	1,450	2,230	4,680	342	748	1,140
24	290	1,040	540	2,470	g11,600	8,400	1,360	1,930	3,390	334	908	604
25	290	962	908	2,260	g11,600	7,050	1,260	1,460	2,710	350	732	540
26	290	800	1,870	2,020	g9,800	f6,000	f1,180	1,100	2,260	492	636	1,040
27	290	700	2,140	1,730	g7,600	g5,850	g1,080	800	1,760	432	524	908
28	282	620	f2,320	1,360	g7,050	f6,180	g1,300	636	1,240	417	447	1,060
29	282	f572	g2,750	1,080	-	6,700	g1,530	572	872	432	387	1,460
30	290	f524	g4,080	872	-	6,880	g1,430	540	652	417	357	1,120
31	290	-	g6,350	800	-	8,200	-	556	-	372	342	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	19,004	1,580	282	613	0.326	0.38
November	21,541	1,530	297	718	.382	.43
December	38,039	6,350	417	1,227	.653	.75
Calendar year 1944	685,829	16,900	237	1,874	.997	13.56
January	181,752	12,000	800	5,863	3.12	3.60
February	96,376	11,600	620	3,442	1.83	1.91
March	164,710	8,400	2,020	5,313	2.83	3.26
April	168,200	20,600	1,080	5,607	2.98	3.33
May	115,384	11,100	540	3,722	1.98	2.28
June	248,381	29,000	417	8,279	4.40	4.91
July	13,037	604	334	421	.224	.26
August	17,379	1,430	312	561	.298	.34
September	17,308	1,140	297	577	.307	.34
Water year 1944-45	1,101,111	29,000	282	3,017	1.60	21.79

f Computed on basis of partly estimated gage-height record.
g Computed from graph based on gage readings and recorded range in stage.
Time basis: Central war time up to 2 a.m., Sept. 30, 1945; central standard time thereafter. To convert war time to standard time, subtract 1 hour.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at toll bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks. Datum of gage is 261.23 feet above mean Gulf level.

Drainage area.- 1,880 square miles.

Records available.- July 1929 to September 1944.

Average discharge.- 15 years, 2,123 second-feet.

Extremes.- Maximum discharge during year, 16,900 second-feet Apr. 13 (gage height, 16.57 feet); minimum, 230 second-feet Oct. 7-9, 12; minimum gage height, 0.38 foot Aug. 21.

1929-44: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum (under conditions of no backwater), that of Oct. 7-9, 12, 1943; minimum gage height, -0.04 foot Sept. 1, 1936; during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred on Feb. 4, 1937; reverse flow of 57 second-feet was measured by current meter on that date.

Remarks.- Records fair.

Discharge, in second-feet, water year October 1943 to September 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	254	271	314	592	376	10,400	6,450	4,550	684	g274	684	782
2	254	280	322	538	376	12,700	5,100	3,920	g700	g267	524	836
3	246	296	322	833	376	12,700	4,200	3,440	g524	g267	447	1,140
4	246	314	322	1,560	376	11,800	3,530	f3,360	g447	g260	364	944
5	238	296	322	1,380	367	10,400	3,220	g3,920	g387	f260	342	836
6	238	305	412	1,180	376	9,320	2,910	g8,650	g492	260	334	732
7	230	556	520	f1,070	385	7,300	2,630	g11,800	g447	260	297	508
8	230	1,540	484	g910	421	5,550	2,630	g11,400	g357	260	282	417
9	230	1,440	520	g700	757	4,300	2,790	g9,550	g334	267	267	364
10	238	1,070	814	f574	1,560	3,530	3,000	g7,750	g327	304	364	334
11	238	930	f776	502	1,760	3,160	5,770	g5,700	g327	282	320	312
12	230	852	g814	466	1,910	2,790	14,000	g4,300	g320	267	297	524
13	238	646	g738	448	1,910	2,410	16,900	f3,440	g312	267	282	604
14	238	484	g628	421	1,880	1,840	15,400	2,950	g748	297	267	540
15	238	421	f556	403	1,820	1,340	13,600	2,470	g1,600	282	297	477
16	238	385	448	403	1,680	980	11,800	1,840	g1,580	282	282	402
17	246	367	358	421	2,180	716	9,550	1,280	g1,340	267	282	357
18	246	367	439	430	2,680	636	6,850	908	g1,000	260	274	327
19	246	349	421	430	2,820	1,870	4,950	588	g700	260	252	304
20	246	340	376	430	3,370	2,590	3,920	477	g508	252	244	290
21	254	340	349	430	4,300	3,010	3,360	447	g402	252	237	282
22	254	331	358	430	5,550	5,880	3,050	f417	g372	252	244	274
23	254	322	358	421	6,450	8,200	2,910	g477	g357	252	748	267
24	254	322	349	412	7,080	7,750	2,910	g1,140	g342	244	668	260
25	262	314	349	412	6,250	6,650	2,950	g1,120	g312	244	652	260
26	271	314	412	403	5,250	5,700	3,160	g926	g297	244	572	274
27	271	314	556	403	4,850	5,550	3,440	g836	g297	260	1,220	604
28	271	314	610	403	5,400	5,400	f4,300	g764	g282	290	1,340	477
29	271	314	682	403	6,850	6,850	f6,250	f668	g274	274	980	668
30	271	314	738	394	-	7,520	5,550	524	g274	487	782	1,200
31	271	-	664	385	-	7,520	-	f462	-	1,140	764	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	7,712	271	230	249	0.132	0.15
November	14,708	1,540	271	490	.261	.29
December	15,331	814	314	495	.263	.30
Calendar year 1943	540,844	22,600	230	1,482	.788	10.71
January	18,187	1,560	385	587	.312	.36
February	79,360	7,080	367	2,737	1.46	1.57
March	176,362	12,700	636	5,689	3.03	3.49
April	177,080	16,900	2,630	5,903	3.14	3.50
May	100,074	11,800	417	3,228	1.72	1.98
June	16,343	1,600	274	545	.290	.32
July	9,334	1,140	244	301	.160	.18
August	14,909	1,340	237	481	.256	.29
September	15,596	1,200	260	520	.277	.31
Water year 1943-44	644,996	16,900	230	1,762	.937	12.74

f Computed on basis of partly estimated gage-height record.
g Computed from graph based on twice-weekly or daily gage readings.
Time basis: Central war time. To convert war time to standard time, subtract 1 hour.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at toll bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks. Datum of gage is 261.23 feet above mean Gulf level.
Drainage area.- 1,880 square miles.
Records available.- July 1929 to September 1943.
Average discharge.- 14 years, 2,149 second-feet.
Extremes.- Maximum discharge during year, 22,600 second-feet Mar. 22 (gage height, 17.68 feet); minimum, 246 second-feet July 25; minimum gage height, 0.39 foot Aug. 31.
1929-43: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum observed, 232 second-feet (under conditions of no backwater) Sept. 1, 1936 (gage height, -0.04 foot); during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred on Feb. 4, 1937; reverse flow of 57 second-feet was measured by current meter on that date.
Remarks.- Records fair.

Rating table, water year 1942-43 (gage height, in feet, and discharge, in second-feet)
(Shifting-control method used Oct. 1 to 31, Apr. 4 to 23, Aug. 6 to Sept. 8)

0.45	246	6.0	1,310	13.5	4,300
.8	305	8.0	1,820	14.0	5,400
1.0	340	10.0	2,420	14.5	7,300
2.0	520	12.0	3,160	16.0	14,000
4.0	890	13.0	3,770	17.7	22,600

Discharge, in second-feet, water year October 1942 to September 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	280	1,480	814	5,400	g930	484	3,160	1,310	5,550	331	1,580	296
2	280	930	776	g4,850	g1,160	466	2,820	814	5,250	314	1,940	314
3	280	700	776	g4,450	g1,130	439	2,300	592	4,550	305	1,480	520
4	288	610	682	g4,060	g1,310	421	1,610	520	3,860	305	1,110	448
5	305	502	628	g3,690	g1,510	421	1,220	466	3,370	296	1,030	466
6	322	776	700	g3,370	1,200	484	930	448	3,060	296	852	664
7	322	1,460	776	g3,020	1,010	664	719	421	2,780	288	556	1,610
8	305	1,440	700	g2,450	871	700	556	448	2,480	288	412	1,610
9	296	1,010	664	g1,790	757	719	466	628	2,030	288	367	1,180
10	296	795	610	g1,310	682	682	412	664	1,640	280	340	833
11	288	950	556	g970	682	1,580	394	2,330	1,310	280	340	592
12	288	738	520	g757	757	2,540	776	2,820	970	280	340	448
13	288	610	502	g664	700	3,310	1,480	2,640	646	314	331	385
14	288	538	466	g610	646	5,090	1,640	g2,270	592	314	314	520
15	288	484	439	592	592	10,900	1,510	g1,910	646	288	305	385
16	288	430	700	g574	520	12,700	1,380	g1,200	556	280	322	331
17	288	403	1,050	g538	484	12,200	1,240	g700	664	271	322	331
18	288	394	890	g520	484	12,200	1,200	g556	719	271	314	305
19	288	385	852	g520	484	14,500	1,480	g592	556	358	305	288
20	296	376	795	g484	520	17,400	1,510	g1,380	457	314	296	288
21	296	385	682	g466	664	21,400	1,270	g1,480	394	280	288	296
22	305	1,380	738	g466	776	22,600	1,270	g1,070	367	262	288	305
23	305	1,940	1,310	g466	738	20,900	2,060	833	358	262	288	305
24	305	1,240	1,090	g457	719	16,900	2,450	2,180	331	254	288	296
25	305	776	852	g466	646	12,700	2,480	5,100	340	246	288	288
26	305	610	776	g466	592	9,320	2,580	3,020	430	322	288	288
27	305	502	1,120	g484	538	7,080	2,640	4,300	628	738	288	280
28	305	448	2,450	g502	502	5,880	2,610	8,420	628	385	288	271
29	314	538	2,640	g520	-	4,750	2,420	9,320	403	484	288	271
30	358	950	3,060	g556	-	3,950	2,000	7,980	349	466	288	262
31	1,110	-	4,300	g910	-	3,490	-	6,650	-	322	288	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	10,075	1,110	260	325	0.173	0.20
November	23,780	1,940	376	793	.422	.47
December	32,914	4,300	439	1,062	.565	.65
Calendar year 1942	622,787	22,000	262	1,706	.907	12.32
January	46,378	5,400	457	1,496	.796	.92
February	21,604	1,510	484	772	.411	.43
March	226,870	22,600	421	7,318	3.89	4.49
April	48,583	3,160	394	1,619	.861	.96
May	73,062	9,320	421	2,357	1.25	1.45
June	45,914	5,550	331	1,530	.814	.91
July	9,982	738	246	322	.171	.20
August	16,024	1,940	288	517	.275	.32
September	14,676	1,610	262	489	.260	.29
Water year 1942-43	569,862	22,600	246	1,561	.830	11.29

g Computed from graph based on gage readings.
Time basis: Central war time. To convert war time to standard time subtract 1 hour.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at toll bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks of Obion River. Datum of gage is 261.23 feet above mean Gulf level.

Drainage area.- 1,880 square miles.

Records available.- July 1929 to September 1942.

Average discharge.- 13 years, 2,194 second-feet.

Extremes.- Maximum discharge during year, 22,600 second-feet Apr. 13 (gage height, 17.70 feet); minimum, 262 second-feet Aug. 3; minimum gage height, 0.33 foot Oct. 1.
1929-42: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum observed, 232 second-feet (under conditions of no backwater) Sept. 1, 1936 (gage height, -0.04 foot); during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occorred on Feb. 4, 1937; reversed flow of 57 second-feet was measured by current meter on that date.

Remarks.- Records fair.

Rating table, water year 1941-42, except periods of backwater from Mississippi River (gage height, in feet, and discharge, in second-feet)
(Shifting-control method used Oct. 1-18, Aug. 29, Sept. 5, 12, 14-30)

0.5	262	8.0	1,940	14.0	5,900
1.0	358	10.0	2,420	16.0	13,600
2.0	565	12.0	3,080	17.7	22,600
4.0	1,000	13.0	3,760		
6.0	1,460	13.5	4,510		

Discharge, in second-feet, water year October 1941 to September 1942

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	271	2,040	428	1,650	4,740	3,760	c2,100	565	328	1,240	280	a320
2	271	1,510	428	2,490	6,420	3,450	c1,750	523	318	912	271	a310
3	280	956	428	2,590	5,580	2,730	c1,350	492	318	736	262	a300
4	299	758	439	2,670	4,410	2,840	c1,100	1,240	308	c600	586	a300
5	328	628	439	a2,700	3,860	2,520	934	1,580	308	c500	1,820	h299
6	308	534	439	a2,600	3,590	2,080	758	890	318	c420	2,060	a300
7	299	502	418	a2,500	3,520	1,680	692	586	318	c380	1,820	a300
8	299	470	408	a2,000	3,590	1,820	1,130	502	348	c360	2,010	a300
9	290	428	398	a1,200	3,590	2,730	3,600	460	523	338	2,130	a400
10	308	398	388	a920	3,450	3,200	8,000	428	398	328	2,180	a380
11	408	378	378	a800	3,320	5,580	16,600	418	338	358	2,180	a350
12	358	358	378	a750	3,080	7,120	20,800	408	328	565	1,630	h318
13	318	348	565	736	2,760	6,600	22,000	398	607	523	824	a305
14	308	348	934	780	2,370	6,250	17,600	586	1,270	388	439	299
15	328	338	780	868	1,820	7,300	12,300	460	692	398	358	290
16	388	348	758	868	2,400	8,350	8,520	388	628	378	692	290
17	428	348	692	824	3,030	9,050	5,740	378	736	338	1,770	299
18	1,040	348	586	1,020	4,740	9,400	3,980	368	628	308	1,630	318
19	1,130	348	512	2,280	9,050	9,050	c3,000	358	607	290	1,200	328
20	586	418	481	2,180	9,050	8,000	c2,100	481	512	280	a700	318
21	418	670	450	1,840	7,650	6,950	c1,600	628	428	271	a500	308
22	378	492	439	1,580	5,900	6,250	c1,150	628	428	481	h398	299
23	338	428	714	1,460	5,000	5,280	c900	692	868	565	a400	290
24	318	978	1,240	1,270	4,310	4,130	c720	586	670	338	a1,950	290
25	299	802	1,000	1,000	4,740	c3,200	607	481	628	318	a1,350	280
26	290	824	1,180	780	5,280	c2,850	544	418	628	318	a900	280
27	714	736	1,130	1,580	4,740	c2,800	565	388	1,270	318	a600	280
28	1,000	586	890	2,400	4,130	c2,750	586	378	912	318	a450	280
29	565	502	736	2,620	-	c2,800	586	368	565	299	h388	271
30	470	450	607	3,030	-	c2,600	607	358	824	338	a350	271
31	1,180	-	544	3,520	-	c2,400	-	338	-	299	a325	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Runoff in inches
October	14,215	1,180	271	459	0.244	0.28
November	18,272	2,040	338	609	.324	.36
December	19,207	1,240	378	620	.330	.38
Calendar year 1941	210,451	2,370	253	577	.307	4.17
January	53,506	3,520	736	1,726	.918	1.06
February	126,120	9,050	1,820	4,504	2.40	2.49
March	145,520	9,400	1,680	4,694	2.50	2.88
April	141,919	22,000	544	4,731	2.52	2.81
May	16,772	1,580	338	541	.288	.33
June	17,052	1,270	308	568	.302	.34
July	13,503	1,240	271	436	.232	.27
August	32,453	2,180	262	1,047	.557	.64
September	9,173	400	271	306	.163	.18
Water year 1941-42	607,712	22,000	262	1,665	.886	12.02

a No gage-height record; discharge computed on basis of records for stations on nearby streams.
c Backwater from Mississippi River; discharge computed on basis of gage heights, one discharge measurement, gage heights on the Ohio River at Cairo, Ill., and records for the stations on nearby stations.
h Computed from once-daily tape-gage reading.
Time basis: Central standard time prior to 2 a.m., Feb. 9, 1942; central war time thereafter. To convert war time to standard time, subtract 1 hour.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at toll bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks of Obion River. Datum of gage is 261.23 feet above mean Gulf level.

Drainage area.- 1,880 square miles.

Records available.- July 1929 to September 1941.

Average discharge.- 12 years, 2,238 second-feet.

Extremes.- Maximum discharge during year, 2,370 second-feet July 14 (gage height, 9.84 feet); minimum, 253 second-feet July 2; minimum gage height, 0.29 foot Sept. 25. 1929-41: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum observed, 232 second-feet (under conditions of no backwater) Sept. 1, 1936 (gage height, -0.04 foot); during period of backwater from Mississippi River a minimum daily discharge of 15 second-feet occurred on Feb. 4, 1937; reversed flow of 57 second-feet was measured by current meter on that date.

Remarks.- Records fair.

Rating tables, water year 1940-41 (gage height, in feet, and discharge, in second-feet)
(Shifting-control method used Nov. 13 to Dec. 15, Apr. 20, Apr. 25 to July 3, Sept. 2-30)

Oct. 1 to Apr. 20

1.0	296	6.0	1,290
2.0	480	8.0	1,760
4.0	864	9.6	2,160

Apr. 21 to Sept. 30

0.45	253	6.0	1,460
1.0	358	8.0	1,940
2.0	565	9.8	2,370
4.0	1,000		

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Discharge, in second-feet, water year October 1940 to September 1941

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	305	350	461	765	727	480	442	460	308	271	328	978
2	305	368	423	670	689	480	442	439	338	253	398	824
3	296	386	395	594	670	480	442	418	388	890	450	607
4	296	377	386	556	651	1,220	470	398	418	2,010	348	470
5	296	386	377	518	613	1,760	765	388	502	2,280	308	428
6	296	452	377	499	594	1,430	727	378	398	1,960	299	379
7	305	452	556	470	556	1,030	651	649	368	1,270	280	358
8	314	423	824	452	537	864	594	1,040	328	692	290	328
9	314	404	670	452	518	727	537	956	308	460	280	318
10	305	404	575	452	499	632	499	846	318	388	262	299
11	305	579	518	452	480	556	470	736	388	1,080	262	290
12	305	1,450	480	452	480	518	452	586	481	2,160	262	280
13	305	1,030	480	452	480	499	432	470	358	2,350	262	280
14	305	727	518	442	518	499	414	418	318	2,370	262	280
15	314	594	556	461	613	499	404	388	299	2,180	271	280
16	314	461	1,290	499	632	518	395	368	290	1,650	378	280
17	314	386	1,610	594	632	556	395	388	280	1,070	348	271
18	314	368	1,250	689	575	537	395	428	271	649	338	271
19	323	359	1,030	594	537	499	386	428	271	470	428	271
20	323	350	884	518	499	480	1,130	418	271	388	586	271
21	323	359	708	499	480	480	1,770	398	271	338	439	271
22	323	377	613	480	461	461	1,440	398	280	318	388	262
23	323	470	556	518	461	461	1,220	692	338	299	358	262
24	323	594	518	1,590	461	480	1,180	692	348	290	408	262
25	323	556	499	2,160	452	518	1,070	544	398	290	586	271
26	332	613	518	2,110	461	518	868	470	358	318	607	271
27	332	844	784	1,860	461	499	736	398	338	481	534	262
28	332	670	1,760	1,590	480	470	607	358	308	368	736	262
29	332	556	1,610	1,310	-	452	534	328	290	439	640	280
30	341	499	1,200	1,010	-	442	481	318	280	418	1,750	290
31	341	-	946	784	-	432	-	308	-	328	1,340	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Run-off in inches
October	9,779	341	296	315	0.168	0.19
November	15,844	1,450	350	528	.281	.31
December	23,372	1,760	377	754	.401	.46
Calendar year 1940	533,262	10,800	296	1,457	.775	10.55
January	24,492	2,160	442	790	.420	.48
February	15,217	727	452	543	.289	.30
March	19,477	1,760	432	628	.334	.39
April	20,348	1,770	386	678	.361	.40
May	15,504	1,040	308	500	.266	.31
June	10,110	502	271	337	.179	.20
July	28,728	2,370	253	927	.493	.57
August	14,426	1,750	262	465	.247	.29
September	10,455	978	262	348	.185	.21
Water year 1940-41	207,752	2,370	253	569	.303	4.11

Obion River at Obion, Tenn.

Location (revised).- Water-stage recorder, lat. 36°15'10", long. 89°11'45", at toll bridge on U. S. Highway 51, half a mile south of Obion, Obion County, and 14½ miles downstream from confluence of North and South Forks of Obion River. Datum of gage is 261.23 feet above mean Gulf level.
Drainage area.- 1,880 square miles.
Records available.- July 1929 to September 1940.
Average discharge.- 11 years, 2,390 second-feet.
Extremes.- Maximum discharge during year, 11,100 second-feet Apr. 21 (gage height, 15.72 feet); minimum, 296 second-feet Sept. 21, 22; minimum gage height, 0.84 foot Oct. 16, 17.

1929-40: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum discharge observed, 232 second-feet Sept. 1, 1936 (gage height, -0.04 foot); minimum daily discharge, 15 second-feet Feb. 4, 1937, owing to backwater from Mississippi River; reversed flow of 57 second-feet was measured by current meter on that date.
Remarks.- Records fair.

Rating table, water year 1939-40, except period of backwater from Mississippi and Forked Deer Rivers (gage height, in feet, and discharge, in second-feet)
(Shifting-control method used Oct. 1 to Jan. 2, 12-14, Feb. 6-16, Aug. 20, Aug. 30 to Sept. 24)

1.2	332	6.0	1,290	11.0	2,530	13.5	3,840	15.0	8,000
2.0	480	8.0	1,760	12.0	2,820	14.0	4,880	15.6	10,600
4.0	864	10.0	2,260	13.0	3,260	14.5	6,230		

Discharge, in second-feet, water year October 1939 to September 1940

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	450	377	452	632	518	2,760	2,760	2,560	499	2,530	1,010	594
2	420	359	556	556	537	2,640	3,090	2,700	461	2,290	1,360	480
3	381	359	594	a480	575	2,670	3,440	3,200	442	1,660	1,010	404
4	362	350	594	a460	613	2,760	3,550	4,410	523	1,110	727	368
5	352	350	537	a450	613	3,360	3,550	c4,010	404	708	518	350
6	386	359	499	a440	1,040	4,640	3,440	3,260	395	518	499	332
7	368	359	461	a440	1,930	5,130	3,200	c2,510	395	689	452	332
8	350	377	452	a440	1,980	4,880	3,000	c1,980	632	689	414	314
9	332	386	442	a450	1,830	4,410	2,790	c1,610	556	499	556	314
10	332	404	432	a460	1,900	3,760	2,450	c1,010	537	1,030	1,540	314
11	332	537	432	a760	2,190	3,340	2,520	c904	844	1,030	1,450	314
12	323	575	432	f988	2,400	3,090	2,850	844	844	1,110	784	305
13	323	470	442	884	2,640	3,260	3,300	613	575	1,470	518	305
14	323	432	452	2,140	2,790	3,550	4,300	537	499	1,160	432	305
15	323	414	452	2,480	2,960	5,000	3,840	518	689	804	386	305
16	314	395	452	2,590	3,260	5,130	3,260	518	746	1,070	368	305
17	323	386	452	2,730	3,550	4,410	3,040	499	1,220	946	350	305
18	323	386	452	a2,300	4,640	3,760	3,040	480	1,730	746	386	305
19	323	444	480	a1,600	6,080	3,340	3,470	480	1,660	594	727	305
20	323	904	575	a1,100	10,200	3,140	6,970	499	1,110	480	824	305
21	323	824	556	a740	10,800	3,040	10,600	480	708	423	a600	305
22	332	613	499	a560	9,500	3,000	10,600	480	518	442	a460	305
23	332	537	518	a480	7,600	2,920	8,630	1,160	461	613	a420	305
24	332	480	904	a440	5,940	2,850	6,530	1,610	499	594	a410	341
25	332	442	967	a430	4,640	2,730	5,130	1,640	442	461	a390	395
26	341	423	844	a430	3,760	2,560	4,010	1,590	423	395	a380	359
27	359	414	1,220	a430	3,260	2,530	3,340	1,470	386	368	a370	341
28	689	404	1,450	a430	3,000	2,480	2,960	1,180	721	350	a400	323
29	804	404	1,200	a440	2,890	2,400	2,590	844	2,260	332	a550	314
30	518	404	946	a450	-	2,480	2,130	651	2,480	332	f670	314
31	395	-	784	499	-	2,620	-	556	-	341	632	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Run-off in inches
October	11,720	804	314	378	0.201	0.23
November	13,568	904	350	452	.240	.27
December	19,528	1,450	432	630	.335	.39
Calendar year 1939	1,085,479	23,800	314	2,974	1.58	21.46
January	27,709	2,730	430	894	.476	.55
February	103,636	10,800	518	3,574	1.90	2.05
March	104,640	5,130	2,400	3,375	1.80	2.07
April	124,380	10,600	2,130	4,146	2.21	2.46
May	44,803	4,410	480	1,445	.769	.89
June	23,559	2,480	386	785	.418	.47
July	25,784	2,530	332	832	.443	.51
August	19,593	1,540	350	632	.336	.39
September	10,163	594	305	339	.180	.20
Water year 1939-40	529,083	10,800	305	1,446	.769	10.48

a No gage-height record; discharge computed on basis of weather records and records for South Fork of Obion River near Greenfield, North Fork of Obion River near Union City, and Rutherford Fork of Obion River near Bradford.

c Stage-discharge relation affected by backwater from Mississippi and Forked Deer Rivers; discharge computed on basis of one discharge measurement, gage heights, records for stations on the Mississippi River at Memphis, South Fork of Forked Deer River at Jackson, and the forks of the Obion River mentioned above.

f Computed on basis of partly estimated gage-height records.

Obion River at Obion, Tenn.

Location.- Water-stage recorder, lat. 36°15', long. 89°12', at toll bridge on U. S. Highway 51, a quarter of a mile south of Obion, Obion County, and 7 miles downstream from North Fork of Obion River. Prior to Aug. 3, 1939, chain gage at same site and datum. Zero of gage is 261.23 feet above mean Gulf level.

Drainage area.- 1,980 square miles.

Records available.- July 1929 to September 1939.

Average discharge.- 10 years, 2,484 second-feet.

Extremes.- Maximum discharge during year, 24,400 second-feet Feb. 7 (gage height, 18.00 feet, from graph based on gage readings); minimum discharge observed, 296 second-feet Nov. 4; minimum gage height observed, 0.64 foot Oct. 9-11.

1929-39: Maximum discharge, 99,500 second-feet Jan. 24, 1937 (gage height, 25.4 feet, from floodmarks); minimum discharge observed, 232 second-feet Sept. 1, 1936 (gage height, -0.04 foot); minimum daily discharge, 15 second-feet Feb. 4, 1937, owing to backwater from Mississippi River; reversed flow of 57 second-feet was measured by current meter on that date.

Remarks.- Records fair. Chain gage read twice daily.

Rating table, water year 1938-39 except periods of backwater (gage height, in feet, and discharge, in second-feet)
(Shifting-control method used Oct. 1 to Jan. 4)

0.5	287	3.0	780	11.0	2,670	14.0	5,900	17.0	18,600
.8	343	5.0	1,220	12.0	3,080	14.5	7,650	18.0	24,400
1.0	381	7.0	1,700	13.0	3,670	15.0	9,400		
2.0	580	10.0	2,420	13.5	4,510	16.0	13,600		

Discharge, in second-feet, water year October 1938 to September 1939

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	314	†314	400	430	11,000	*7,100	5,430	*1,510	5,900	2,490	802	372
2	314	†314	410	470	15,600	*8,750	9,800	*1,490	4,410	†1,960	640	372
3	314	314	430	500	16,600	*8,260	9,600	*1,280	3,590	1,360	680	362
4	314	296	460	1,000	19,200	*7,200	8,000	*1,130	3,140	868	720	362
5	324	324	460	1,840	21,400	*7,150	6,780	*1,050	2,760	620	700	362
6	324	352	470	2,180	23,800	11,800	6,780	*960	2,520	560	846	352
7	324	362	480	2,370	23,800	15,200	8,700	*830	2,320	540	912	352
8	324	372	480	2,540	22,000	14,600	11,800	*740	2,230	520	600	343
9	324	381	470	2,760	19,200	12,800	11,000	*664	2,130	660	500	343
10	324	381	470	3,320	17,200	*9,950	9,220	*660	2,230	740	580	343
11	324	352	460	3,590	16,200	*7,120	8,000	*690	2,440	700	600	343
12	324	381	460	3,520	15,600	*5,650	6,780	720	2,520	580	540	334
13	324	390	450	3,450	13,600	*4,700	*5,300	760	2,980	490	480	334
14	324	390	440	3,260	11,800	*3,750	*4,780	824	3,760	450	440	334
15	324	400	430	3,200	10,600	*2,750	*4,580	868	4,220	440	420	334
16	324	400	430	3,200	11,000	*2,100	*4,500	824	3,980	868	400	334
17	324	410	420	3,320	11,800	†1,650	7,300	720	3,520	1,270	390	343
18	324	440	420	3,320	*10,500	†1,380	13,200	640	3,320	1,040	455	352
19	352	660	420	3,320	*6,700	*1,150	16,600	600	3,760	780	580	343
20	470	802	430	3,200	*5,700	*1,050	15,600	600	9,050	1,600	470	334
21	680	824	440	2,930	*6,000	*980	12,300	824	10,200	1,650	480	334
22	540	780	460	2,670	*7,750	*920	9,220	1,340	9,050	1,320	480	334
23	410	600	580	2,570	*7,100	*850	6,780	1,920	7,650	1,180	560	324
24	372	490	640	2,370	*5,650	*773	*4,990	2,320	6,780	1,000	540	324
25	334	440	660	2,010	*4,600	*760	*3,260	2,760	6,250	740	490	324
26	324	420	700	1,530	*4,040	*740	*2,500	3,320	5,580	740	450	324
27	324	420	740	1,320	†3,800	*720	*2,120	4,740	5,000	640	430	334
28	314	420	760	1,340	†5,150	*720	*1,830	5,580	4,220	868	410	334
29	314	410	760	1,750	-	*740	*1,750	7,120	3,590	1,360	390	334
30	314	400	620	2,420	-	*990	*1,680	8,180	3,030	1,360	381	420
31	†314	-	390	3,590	-	*2,500	-	7,650	-	1,090	372	-

Month	Second-foot-days	Maximum	Minimum	Mean	Per square mile	Run-off in inches
October	10,854	680	314	350	0.186	0.21
November	13,239	824	296	441	.235	.26
December	15,640	760	390	505	.269	.31
Calendar year 1938	701,249	16,600	296	1,921	1.02	13.86
January	75,290	3,590	430	2,429	1.29	1.49
February	347,390	23,800	3,800	12,410	6.60	6.87
March	144,803	15,200	720	4,671	2.48	2.86
April	220,180	16,600	1,680	7,339	3.90	4.36
May	63,314	8,180	600	2,042	1.09	1.25
June	132,130	10,200	2,130	4,404	2.34	2.61
July	30,484	2,490	440	983	.523	.60
August	16,738	912	372	540	.287	.33
September	10,334	420	324	344	.183	.20
Water year 1938-39	1,080,396	23,800	296	2,960	1.57	21.35

*Affected by backwater from Mississippi River; computed on basis of seven discharge measurements and records for Rutherford Fork of Obion River near Bradford, North Fork near Union City, and South Fork near Greenfield.

†Gage height missing; discharge computed as noted above.