

**RED RIVER OF THE NORTH BASIN**

**05073650 LOWER RED LAKE AT BATTLE RIVER MOUTH NEAR SAUM, MN**

LOCATION.-- Lat 47°57'35", long 94°44'31", in NW¼SE¼NW¼NW¼ sec. 28, T. 152 N., R. 32 W., Beltrami County, Hydrologic Unit 09020302, on east side of Lower Red Lake, near mouth of Battle River, 900 feet southwest of highway bridge, and 2.3 mi southwest of Saum.

PERIOD OF RECORD.--June 5, 1996 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,100.00 ft, adjustment of 1912.

REMARKS.--Water level subject to fluctuation caused by seiches.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 75.83 ft, July 14, 1997; minimum recorded, 73.92 ft, Mar. 29, 1997.

EXTREMES FOR CURRENT YEAR.-- Maximum elevation, 75.83 ft, July 14, maximum daily, 75.60 ft, July 20; minimum elevation, 73.92 ft, Mar. 29, minimum daily, 73.94 ft, Mar. 31.

**GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997**

**DAILY MEAN VALUES**

DAY JUL	OCT AUG	NOV SEP	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	74.36	74.47	74.33	---	74.21	74.06	73.96	74.87	75.08
75.20	75.42	75.00							
2	74.46	74.43	---	---	74.20	74.04	---	74.89	75.07
75.38	75.43	74.95							
3	74.37	74.39	---	---	74.19	74.06	---	74.91	75.10
75.42	75.43	74.89							
4	74.23	74.46	---	---	74.19	74.09	---	74.90	75.10
75.39	75.42	74.83							
5	74.22	74.39	74.32	---	74.18	74.07	---	75.01	75.11
75.42	75.38	74.88							
6	74.33	74.46	74.32	---	74.17	74.07	---	74.93	75.10
75.40	75.39	74.89							
7	74.29	74.41	---	---	74.16	74.06	---	74.90	75.06
75.35	75.33	74.81							
8	74.25	74.43	---	---	74.15	74.05	---	75.18	75.02
75.40	75.25	74.85							
9	74.28	74.40	74.28	---	74.15	74.05	---	75.02	75.02
75.36	75.29	74.84							
10	74.25	74.34	74.24	---	74.15	74.05	---	74.99	75.02

75.32	75.27	74.79							
11	74.18	74.32	74.23	---	74.14	74.05	---	75.21	75.03
75.35	75.17	74.75							
12	74.20	74.25	74.31	---	74.13	74.04	74.48	75.08	75.04
75.44	75.18	74.66							
13	74.21	74.23	---	---	74.12	74.04	74.47	75.01	75.01
75.50	75.15	74.70							
14	74.15	74.21	---	74.24	74.13	74.03	74.45	75.17	74.95
75.55	75.07	74.74							
15	74.16	74.22	---	74.25	74.12	74.01	74.48	75.11	75.02
75.54	75.10	74.74							
16	74.15	74.24	74.27	74.24	74.11	74.01	74.50	75.06	74.95
75.56	75.15	74.80							
17	74.36	74.47	---	74.23	74.11	74.01	74.51	75.09	74.88
75.57	75.11	75.00							
18	74.96	74.51	---	74.22	74.11	73.99	74.53	75.14	74.93
75.58	75.06	74.84							
19	74.27	74.35	---	74.24	74.09	73.99	74.56	75.18	74.88
75.55	75.05	74.87							
20	74.14	74.34	---	74.24	74.10	73.98	74.60	75.13	74.91
75.60	75.14	74.83							
21	74.20	74.35	---	74.23	74.09	73.99	74.63	75.10	74.90
75.57	75.12	74.76							
22	74.18	74.34	---	74.25	74.08	73.98	74.66	75.06	74.88
75.53	75.09	74.76							
23	74.19	74.33	---	74.23	74.07	73.96	74.69	75.14	74.92
75.50	75.06	74.72							
24	74.15	74.34	---	74.24	74.06	73.96	74.72	75.16	75.04
75.48	75.08	74.71							
25	74.12	74.32	---	74.22	74.05	73.98	74.74	75.15	75.13
75.51	75.04	74.71							
26	74.17	74.29	---	74.21	74.06	73.96	74.75	75.11	75.02
75.58	75.07	74.67							
27	74.39	74.29	---	74.21	74.05	73.97	74.80	75.11	75.01
75.58	75.07	74.69							
28	74.14	74.29	---	74.20	74.04	73.97	74.81	75.11	75.22
75.55	75.02	74.98							
29	74.22	74.28	---	74.20	---	73.96	74.89	75.12	75.19
75.52	74.99	75.06							
30	74.90	74.32	---	74.19	---	73.95	74.88	75.11	75.23
75.49	75.02	74.77							
31	74.74	---	---	74.21	---	73.94	---	75.10	---
75.38	74.98	---							
MEAN	74.30	74.35	---	---	74.12	74.01	---	75.07	75.03
75.47	75.17	74.82							
MAX	74.96	74.51	---	---	74.21	74.39	---	75.21	75.23
75.60	75.43	75.06							
MIN	74.12	74.21	---	---	74.04	73.94	---	74.87	74.88

75.20 74.98 74.66