

RED RIVER OF THE NORTH BASIN--Continued

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

LOCATION.-- Lat 47°57'35", long 94°44'31", in SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28, T. 152 N., R. 32 W., Beltrami County, Hydrologic Unit 09020302, on east side of Lower Red Lake, 200 feet upstream of 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 above sea level, adjustment of 1912.

REMARKS.--Water level subject to the stage of the Battle River and ice pile up at the river's mouth; and by fluctuations caused by lake seiches.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 76.05 ft, Sept. 30, 1999; minimum recorded, 73.29 ft, Oct. 4, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 76.05 ft, Sept. 30; maximum daily, 75.82 ft, Sept. 30; minimum gage height, 73.29 ft, Oct. 4; minimum daily, 73.34 ft, Oct. 4.

REVISIONS.--Prior to Oct. 1, 1997, daily-mean, -maximum, and -minimum gage heights revised upwards by 0.11 ft. Datum of gage had been established 0.11 ft too low.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.57	73.51	73.59	73.57	73.52	73.49	---	74.38	75.21	75.28	75.35	75.23
2	73.47	73.49	73.59	73.58	73.52	73.49	---	74.35	75.23	75.24	75.29	75.29
3	73.42	73.49	73.59	73.59	73.53	73.49	---	74.32	75.19	75.25	75.30	75.35
4	73.34	73.46	73.59	73.57	73.53	73.49	---	74.35	75.21	75.30	75.28	75.47
5	73.42	73.45	73.61	73.57	73.53	73.50	---	74.45	75.27	75.38	75.25	75.55
6	73.59	73.44	73.58	73.57	73.54	73.49	---	74.51	75.26	75.42	75.19	75.56
7	73.62	73.44	73.53	73.56	73.53	73.49	---	74.67	75.34	75.31	75.25	75.60
8	73.45	73.44	73.54	73.57	73.54	73.50	74.11	74.58	75.33	75.27	75.16	75.73
9	73.43	73.44	73.54	73.57	73.51	73.50	74.12	74.52	75.34	75.35	75.15	75.74
10	73.46	73.67	73.52	73.59	73.50	73.49	74.13	74.63	75.47	75.33	75.20	75.70
11	73.45	74.00	73.51	73.59	73.55	73.48	74.14	74.71	75.47	75.32	75.19	75.62
12	73.80	73.69	73.50	73.58	73.71	73.48	74.15	74.82	75.46	75.32	75.30	75.66
13	73.52	73.47	73.50	73.56	73.67	73.47	74.17	74.90	75.51	75.33	75.30	75.77
14	73.39	73.56	73.50	73.56	73.61	73.46	74.20	74.93	75.42	75.35	75.24	75.71
15	73.43	73.51	73.51	73.56	73.58	73.45	74.24	74.99	75.41	75.35	75.20	75.69
16	73.49	73.48	73.50	73.56	73.57	73.46	74.29	75.08	75.37	75.53	75.40	75.66
17	73.69	73.47	73.48	73.56	73.56	73.54	74.30	75.16	75.35	75.47	75.25	75.63
18	73.78	73.48	73.52	73.63	73.56	73.58	74.30	75.16	75.30	75.40	75.25	75.67
19	73.92	73.63	73.56	73.59	73.55	73.55	74.32	75.12	75.27	75.39	75.25	75.71
20	73.64	73.55	73.57	73.58	73.55	73.54	74.33	75.19	75.28	75.38	75.23	75.68
21	73.55	73.55	73.61	73.57	73.54	73.51	74.36	75.22	75.26	75.36	75.23	75.58
22	73.53	73.55	73.67	73.56	73.54	73.50	74.37	75.26	75.22	75.43	75.22	75.64
23	73.53	73.58	73.68	73.55	73.52	73.50	74.37	75.33	75.36	75.39	75.34	75.67
24	73.53	73.54	73.68	73.54	73.54	73.50	74.36	75.28	75.33	75.39	75.33	75.59
25	73.54	73.62	73.68	73.54	73.51	73.50	74.37	75.28	75.32	75.37	---	75.61
26	73.54	73.56	73.67	73.54	73.49	73.50	74.38	75.23	75.31	75.49	75.31	75.68
27	73.54	73.55	73.64	73.55	73.49	73.54	74.37	75.24	75.37	75.44	75.31	75.66
28	73.54	73.55	73.59	73.54	73.50	---	74.38	75.22	75.31	75.40	75.29	75.68
29	73.49	73.56	73.58	73.53	---	---	74.39	75.21	75.25	75.39	75.23	75.61
30	73.62	73.61	73.57	73.53	---	---	74.38	75.23	75.25	75.40	75.12	75.82
31	73.52	---	73.57	73.52	---	---	---	75.29	---	75.46	75.13	---
MEAN	73.54	73.54	73.57	73.56	73.55	---	---	74.92	75.32	75.37	---	75.62
MAX	73.92	74.00	73.68	73.63	73.71	---	---	75.33	75.51	75.53	---	75.82
MIN	73.34	73.44	73.48	73.52	73.49	---	---	74.32	75.19	75.24	---	75.23

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