

RED RIVER OF THE NORTH BASIN

05073500 UPPER RED LAKE AT WASKISH, MN

LOCATION.--Lat 48°10'32", long 94°30'51", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 8, T.154 N., R. 30 W., Beltrami County, Hydrologic Unit 09020302, on east side of Upper Red Lake, near mouth of Tamarac River, on Minnesota Department of Natural Resources property, 500 feet west of State Highway 72 bridge on north edge of Waskish.

PERIOD OF RECORD.-- October 1921 to September 1929, fragmentary gage height record in files of Minnesota Department of Natural Resources, April 1930 to September 1933, published as "Red Lake at Waskish", May 1940 to July 1946, October 1995 to current year.

GAGE.-- Water-stage recorder. Datum of gage is 1,100.00 ft above sea level, adjustment of 1912. October 1921 to September 1929, non-recording gage at datum 1,170.00 ft (no winter readings). April 1930 to September 1933, non-recording gage at datum 1,100.00 ft (some winter readings). May 1940 to July 1946, non-recording gage at datum 1170.00 ft.

REMARKS.-- Records good. Water level subject to fluctuation caused by seiches, and the stage of the Tamarac River.

EXTREMES FOR PERIOD OF RECORD.-- Maximum gage height, 78.34 ft (present datum), June 28, 1943; minimum recorded, 72.10 ft, Oct. 17, 1932.

EXTREMES FOR CURRENT YEAR.-- Maximum gage height, 76.22 ft, Aug. 17; maximum daily, 75.51 ft, Nov. 1; minimum gage height, 73.34 ft, June 9; minimum daily, 73.87 ft, Sept. 27,28.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.23	75.51	74.91	74.79	74.68	74.57	74.49	74.58	74.45	75.08	75.10	74.51
2	74.91	75.39	74.87	74.79	74.67	74.56	74.48	74.70	74.32	75.17	74.95	74.88
3	75.18	75.12	74.86	74.78	74.68	74.56	74.48	74.42	74.31	75.11	74.74	74.79
4	75.47	75.07	74.86	74.78	74.66	74.55	74.46	74.52	74.44	74.80	74.70	74.32
5	75.34	75.09	74.93	74.78	74.66	74.55	74.46	74.39	74.41	74.70	74.53	74.40
6	75.16	75.04	74.92	74.78	74.66	74.55	74.43	74.25	74.45	74.93	74.50	74.40
7	75.09	74.96	74.85	74.76	74.65	74.53	74.45	74.42	74.60	74.92	74.57	74.44
8	75.00	75.16	74.86	74.77	74.65	74.54	74.44	74.21	74.39	74.97	74.63	74.45
9	75.05	75.20	74.85	74.77	74.65	74.61	74.44	75.03	74.12	74.85	74.78	74.35
10	75.05	75.03	74.86	74.77	74.64	74.60	74.42	74.59	74.21	74.78	74.83	74.40
11	75.21	74.98	74.83	74.75	74.65	74.58	74.42	74.50	74.51	75.03	74.62	74.42
12	75.11	74.96	74.85	74.76	74.65	74.57	74.42	74.50	74.59	75.12	74.91	74.54
13	75.17	75.00	74.84	74.73	74.63	74.58	74.41	74.53	74.51	75.09	74.78	74.31
14	75.22	74.99	74.81	74.73	74.62	74.56	74.44	74.44	74.55	75.09	74.79	74.42
15	75.36	75.01	74.81	74.74	74.63	74.56	74.44	74.51	74.58	75.07	74.66	74.38
16	75.21	74.93	74.83	74.73	74.62	74.55	74.43	74.33	74.58	75.07	74.73	74.28
17	75.14	74.98	74.82	74.74	74.61	74.54	74.52	74.41	74.54	74.92	75.25	74.19
18	75.21	75.01	74.84	74.72	74.60	74.55	74.44	74.39	74.54	74.95	74.73	74.14
19	75.31	75.09	74.83	74.72	74.59	74.55	74.55	74.32	74.67	74.99	74.61	74.23
20	75.21	75.07	74.81	74.70	74.59	74.55	74.51	74.44	74.98	74.97	74.60	74.28
21	75.17	74.90	74.80	74.70	74.59	74.57	74.45	74.48	74.69	75.04	74.46	74.65
22	75.00	74.82	74.81	74.71	74.57	74.55	74.55	74.46	74.70	75.08	74.39	74.37
23	75.11	74.85	74.85	74.72	74.59	74.54	74.51	74.50	74.75	74.88	74.51	74.00
24	74.79	74.61	74.84	74.71	74.58	74.52	74.88	74.40	74.92	74.83	74.48	74.13
25	75.41	74.62	74.84	74.70	74.59	74.52	75.05	74.41	75.06	74.91	74.47	74.10
26	75.30	74.24	74.83	74.69	74.59	74.50	74.51	74.51	74.98	74.90	74.39	74.18
27	75.17	74.16	74.83	74.70	74.57	74.49	74.31	74.34	75.00	74.84	74.37	73.87
28	75.17	74.72	74.82	74.69	74.58	74.51	74.46	74.37	75.01	74.93	74.46	73.87
29	75.07	74.89	74.82	74.68	---	74.51	74.64	74.44	75.09	74.93	74.43	73.89
30	75.01	74.89	74.81	74.68	---	74.51	74.51	74.61	75.20	74.84	74.43	73.91
31	75.04	---	74.81	74.67	---	74.51	---	74.59	---	74.72	74.48	---
MEAN	75.16	74.94	74.84	74.73	74.62	74.55	74.50	74.47	74.64	74.95	74.64	74.30
MAX	75.47	75.51	74.93	74.79	74.68	74.61	75.05	75.03	75.20	75.17	75.25	74.88
MIN	74.79	74.16	74.80	74.67	74.57	74.49	74.31	74.21	74.12	74.70	74.37	73.87

