

## RAINY RIVER BASIN--Continued

05140521 LAKE OF THE WOODS AT SPRINGSTEEL ISLAND NEAR WARROAD, MN

LOCATION.--Lat 48°56'45", long 95°18'24", in SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub> sec. 9, T. 163 N., R. 36 W., Roseau County, Hydrologic Unit 09030009, at Springsteel Resort on Springsteel Island, 2.8 mi north of Warroad.

DRAINAGE AREA.--27,200 mi<sup>2</sup>.

PERIOD OF RECORD.--June 1985 to current year.

GAGE.--Water-stage recorder. Datum at gage is 1,000.00 ft above sea level (Lake of the Woods datum).

REMARKS.--Records fair. Water level subject to fluctuation caused by changes in direction and velocity of wind and resulting seiches.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 62.53 ft, July 5, 2002; maximum daily, 62.25 ft, July 9, 2002; minimum gage height, 57.22 ft, Nov. 22, 1990; minimum daily, 57.43 ft, Mar. 18, 19, 20, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 62.53 ft, July 5; maximum daily, 62.25 ft, July 9; minimum gage height, 57.87 ft, May 2; minimum daily, 57.99 ft, Apr. 12, 13.

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	59.67	59.22	59.31	59.38	59.05	58.59	58.17	58.14	58.52	62.00	61.30	59.85
2	59.94	59.40	59.48	59.38	59.04	58.57	58.13	58.09	58.57	61.90	61.28	59.59
3	59.61	59.54	59.47	59.39	59.00	58.55	58.13	58.25	58.54	61.97	61.35	59.67
4	59.38	59.59	59.42	59.36	59.00	58.54	58.12	58.17	58.48	62.16	61.34	59.99
5	59.52	59.54	59.51	59.35	58.98	58.51	58.10	58.33	58.51	62.24	61.36	59.88
6	59.56	59.61	59.39	59.35	58.95	58.48	58.13	58.37	58.46	62.12	61.10	59.80
7	59.60	59.67	59.47	59.36	58.96	58.49	58.08	58.26	58.36	62.11	60.96	59.72
8	59.58	59.51	59.45	59.34	58.95	58.49	58.05	58.48	58.55	62.14	60.78	59.71
9	59.50	59.47	59.46	59.31	58.92	58.45	58.04	58.25	59.10	62.25	60.65	59.75
10	59.57	59.60	59.45	59.32	58.91	58.46	58.04	58.34	59.50	62.22	60.63	59.74
11	59.48	59.66	59.50	59.32	58.88	58.47	58.02	58.32	59.91	62.09	60.64	59.71
12	59.47	59.63	59.40	59.30	58.86	58.41	57.99	58.33	60.12	62.04	60.42	59.60
13	59.52	59.54	59.47	59.34	58.86	58.36	57.99	58.38	60.40	62.01	60.33	59.59
14	59.49	59.52	59.51	59.31	58.85	58.37	58.00	58.40	60.56	62.00	60.29	59.58
15	59.39	59.54	59.51	59.28	58.82	58.35	58.01	58.47	60.67	62.00	60.37	59.34
16	59.51	59.58	59.49	59.28	58.80	58.35	58.04	58.58	60.81	62.02	60.23	59.41
17	59.47	59.54	59.51	59.24	58.82	58.35	58.03	58.49	60.87	62.08	59.84	59.46
18	59.40	59.50	59.43	59.25	58.78	58.31	58.07	58.46	60.88	62.06	60.25	59.44
19	59.32	59.45	59.43	59.22	58.78	58.31	58.07	58.51	60.90	61.96	60.17	59.47
20	59.41	59.36	59.44	59.23	58.77	58.29	58.10	58.44	60.87	61.97	60.08	59.22
21	59.45	59.60	59.47	59.21	58.75	58.26	58.12	58.38	61.07	61.91	60.25	59.03
22	59.59	59.64	59.44	59.19	58.75	58.25	58.12	58.39	61.20	61.89	60.24	59.17
23	59.45	59.53	59.39	59.17	58.71	58.24	58.15	58.60	61.38	61.87	60.11	59.31
24	60.04	59.80	59.40	59.17	58.68	58.26	58.14	58.42	61.41	61.86	60.14	59.07
25	59.63	60.14	59.39	59.16	58.65	58.24	58.13	58.39	61.48	61.81	60.01	59.05
26	59.56	60.19	59.38	59.15	58.65	58.24	58.24	58.30	61.62	61.79	60.18	59.09
27	59.44	60.32	59.39	59.13	58.64	58.25	58.28	58.43	61.69	61.72	60.09	59.12
28	59.46	59.75	59.39	59.11	58.60	58.22	58.24	58.43	61.77	61.66	59.90	59.16
29	59.56	59.49	59.38	59.10	---	58.19	58.22	58.46	61.85	61.57	59.93	59.05
30	59.61	59.45	59.38	59.09	---	58.18	58.23	58.42	61.80	61.54	59.90	59.07
31	59.63	---	59.37	59.07	---	58.17	---	58.45	---	61.53	59.76	---
MEAN	59.54	59.61	59.43	59.25	58.84	58.36	58.11	58.38	60.26	61.95	60.45	59.45
MAX	60.04	60.32	59.51	59.39	59.05	58.59	58.28	58.60	61.85	62.25	61.36	59.99
MIN	59.32	59.22	59.31	59.07	58.60	58.17	57.99	58.09	58.36	61.53	59.76	59.03

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