

Water-Data Report 2013

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

Rainy Basin  
Lake of the Woods Subbasin

LOCATION.--Lat 48°56'45", long 95°18'24" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.9, T.163 N., R.36 W., Roseau County, MN, Hydrologic Unit 09030009, at Springsteel Resort on Springsteel Island, 2.8 mi north of Warroad.

**SURFACE-WATER RECORDS**

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 good except for December to May, which are poor, and June to September, which are fair. Water levels subject to fluctuation caused by changes in direction and velocity of wind and resulting seiche.

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, 57.04 ft, Oct. 8, 2006; minimum daily, 57.43 ft, Mar. 18, 19, 20, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 60.99 ft, July 25; maximum daily, 60.72 ft, June 21; \*minimum gage height, 57.85 ft, May 1; \*\*minimum daily, 57.94 ft, May 1. \*Minimum recorded, probably lower in April. \*\*Measured gage height.

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**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	58.89	58.99	58.81	---	---	---	---	57.94	60.59	60.63	59.90	60.06
2	58.71	59.03	58.81	---	---	---	---	58.02	60.41	60.61	59.94	59.99
3	58.93	58.99	58.75	---	---	---	---	58.10	60.46	60.56	59.96	59.85
4	59.06	58.99	58.73	---	---	---	---	58.19	60.50	60.45	59.89	59.95
5	58.94	58.89	58.81	---	---	---	---	58.28	60.51	60.47	59.93	59.83
6	58.88	58.88	58.73	---	---	---	---	58.36	60.50	60.51	60.04	59.75
7	58.74	58.93	58.75	---	---	---	---	58.43	60.51	60.43	59.97	59.91
8	58.96	58.92	58.77	---	---	---	---	58.49	60.57	60.39	59.89	59.77
9	58.97	59.21	58.74	---	---	---	---	58.54	60.57	60.43	59.86	59.78
10	58.83	59.39	58.74	---	---	---	---	58.58	60.53	60.32	59.88	59.73
11	58.85	58.72	58.71	---	---	---	---	58.64	60.56	60.30	59.86	59.75
12	58.80	58.72	58.74	---	---	---	---	58.69	60.61	60.34	59.90	59.76
13	58.91	58.83	58.71	---	---	---	---	58.73	60.69	60.40	59.88	59.58
14	58.92	58.89	58.73	---	---	---	---	58.63	60.63	60.34	59.77	59.51
15	58.91	58.81	58.69	---	---	---	---	58.78	60.50	60.28	59.79	59.84
16	58.91	58.82	58.66	---	---	---	---	58.84	60.52	60.18	59.67	59.55
17	59.00	58.88	58.67	---	---	---	---	58.91	60.68	60.22	59.59	59.38
18	59.09	58.90	58.68	---	---	---	---	58.92	60.55	60.23	59.80	59.53
19	59.08	58.85	58.67	---	---	---	---	59.13	60.57	60.12	59.91	59.50
20	58.96	58.87	58.65	---	---	---	---	59.65	60.67	60.23	59.85	59.46
21	58.95	58.88	58.65	---	---	---	---	59.59	60.72	60.05	59.87	59.49
22	59.08	58.83	58.62	---	---	---	---	59.49	60.69	59.85	59.89	59.52
23	59.17	58.88	58.61	---	---	---	---	59.59	60.51	60.02	59.87	59.36
24	58.95	58.84	58.59	---	---	---	---	59.63	60.44	59.87	59.79	59.32
25	58.88	58.80	58.58	---	---	---	---	59.75	60.61	60.09	59.86	59.39
26	58.66	58.82	58.59	---	---	---	---	59.82	60.53	60.34	59.86	---
27	58.86	58.82	58.59	---	---	---	---	59.89	60.47	60.15	59.84	---
28	59.03	58.82	58.58	---	---	---	---	59.94	60.63	60.00	59.84	---
29	59.11	58.84	58.56	---	---	---	---	59.98	60.64	59.95	59.85	---
30	59.04	58.84	58.56	---	---	---	---	60.23	60.58	59.82	59.85	---
31	58.97	---	58.54	---	---	---	---	60.49	---	59.83	59.73	---
<b>Mean</b>	58.94	58.90	58.68	---	---	---	---	59.04	60.56	60.24	59.86	---
<b>Max</b>	59.17	59.39	58.81	---	---	---	---	60.49	60.72	60.63	60.04	---
<b>Min</b>	58.66	58.72	58.54	---	---	---	---	57.94	60.41	59.82	59.59	---

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