

Water-Data Report 2009

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. Water level 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, 61.56 ft, May 25; maximum daily, 61.04 ft, June 08; minimum gage height, 58.13 ft, March 22; minimum daily, 58.17 ft, March 21.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	59.33	59.63	59.79	59.43	58.95	58.52	58.54	59.98	60.90	60.65	59.62	60.05
2	59.41	59.57	59.72	59.41	58.95	58.52	58.54	60.03	60.88	60.56	59.76	60.12
3	59.35	59.62	59.73	59.45	58.94	58.50	58.56	60.07	60.81	60.49	59.64	60.17
4	59.33	59.50	59.70	59.41	58.94	58.47	58.57	60.12	60.79	60.43	59.69	60.17
5	59.47	59.90	59.71	59.43	58.91	58.45	58.59	60.16	60.84	60.38	59.68	60.09
6	59.42	60.41	59.67	59.42	58.89	58.41	58.58	60.17	60.93	60.32	59.72	60.10
7	59.25	60.02	59.70	59.38	58.84	58.41	58.59	60.10	60.99	60.37	59.75	60.14
8	59.16	60.03	59.67	59.37	58.83	58.40	58.58	60.24	61.04	60.26	59.71	60.12
9	58.91	59.80	59.65	59.36	58.86	58.36	58.60	60.26	60.83	60.05	59.64	60.14
10	59.29	59.81	59.66	59.35	58.87	58.35	58.62	60.23	60.86	59.87	59.70	60.18
11	59.55	59.81	59.62	59.32	58.86	58.31	58.65	60.28	60.89	59.93	59.66	60.23
12	59.54	59.79	59.64	59.32	58.84	58.30	58.68	60.33	60.87	60.01	59.62	60.24
13	59.12	59.74	59.63	59.31	58.83	58.27	58.73	60.05	60.88	59.97	59.70	60.23
14	59.28	59.88	59.62	59.27	58.81	58.26	58.81	60.35	60.91	59.96	59.76	60.25
15	59.22	59.94	59.58	59.25	58.80	58.27	58.88	60.47	60.89	59.60	59.81	60.24
16	59.47	59.96	59.60	59.25	58.79	58.25	58.97	60.42	60.90	59.68	59.76	60.16
17	59.50	59.98	59.58	59.21	58.78	58.23	59.03	60.41	60.88	59.97	59.56	60.21
18	59.35	59.96	59.58	59.19	58.75	58.21	59.15	60.43	60.87	59.89	59.72	60.19
19	59.51	60.02	59.58	59.18	58.73	58.20	59.27	60.67	60.82	59.82	59.85	60.05
20	59.58	60.01	59.57	59.17	58.72	58.20	59.36	60.57	60.83	59.73	60.12	60.05
21	59.57	59.98	59.53	59.15	58.68	58.17	59.44	60.46	60.85	59.74	59.97	60.06
22	59.48	59.97	59.53	59.15	58.66	58.19	59.53	60.49	60.82	59.76	59.92	60.16
23	59.55	59.84	59.55	59.11	58.66	58.21	59.61	60.53	60.75	59.72	59.86	60.05
24	59.50	59.88	59.52	59.08	58.64	58.25	59.65	60.51	60.68	59.73	59.94	60.02
25	59.41	59.89	59.53	59.08	58.60	58.29	59.70	60.85	60.77	59.81	59.93	60.01
26	59.41	59.89	59.51	59.07	58.60	58.33	59.77	60.90	60.77	59.76	59.96	59.87
27	59.51	59.77	59.47	59.07	58.57	58.38	59.81	60.82	60.42	59.69	59.99	59.89
28	59.50	59.82	59.48	59.06	58.52	58.42	59.86	60.77	60.30	59.70	60.20	60.10
29	59.58	59.83	59.44	59.01	---	58.44	59.92	60.84	60.78	59.72	60.19	60.12
30	59.46	59.82	59.44	59.02	---	58.46	59.96	60.84	60.77	59.78	60.07	60.08
31	59.61	---	59.43	59.00	---	58.52	---	60.95	---	59.71	60.04	---
Mean	59.41	59.87	59.59	59.23	58.78	58.34	59.09	60.43	60.82	59.97	59.82	60.12
Max	59.61	60.41	59.79	59.45	58.95	58.52	59.96	60.95	61.04	60.65	60.20	60.25
Min	58.91	59.50	59.43	59.00	58.52	58.17	58.54	59.98	60.30	59.60	59.56	59.87

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