

Water-Data Report 2011

**05344850 STURGEON LAKE, WEST SIDE, AT PRAIRIE ISLAND, MN**

Upper Mississippi Basin  
Rush-Vermillion Subbasin

LOCATION.--Lat 44°38'18", long 92°38'38" referenced to North American Datum of 1983, in NE ¼ NE ¼ SW ¼ sec.32, T.114 N., R.15 W., Goodhue County, MN, Hydrologic Unit 07040001, on west bank of Sturgeon Lake, 0.7 miles above lake outlet to Mississippi River and 7 miles northwest of Red Wing. \*\*\*\*\* GAGE Lat 44°38'12.1", long 92°38'34.6"\*\*\*\*\*

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--July 1998 to May 2011 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 662.672 ft above sea level (NAVD of 1988).

REMARKS.--Records fair to poor. Water level affected by U.S. Army Corp of Engineers Lock and Dam 3 on the Mississippi River above Red Wing and by seiche.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 685.90 ft, Apr. 28, 2001; maximum daily, 685.89 ft, Apr. 28, 2001; minimum daily, 672.98 ft, Aug. 30, 2010(minimum instantaneous elevation may have been lower this day).

EXTREMES FOR CURRENT YEAR.--Extremes not determined for the 2011 water year.

## 05344850 STURGEON LAKE, WEST SIDE, AT PRAIRIE ISLAND, MN—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	679.52	676.10	674.17	---	---	---	---	---	---	---	---	---
2	680.01	676.39	674.31	---	---	---	---	---	---	---	---	---
3	680.24	676.35	674.31	---	---	---	---	---	---	---	---	---
4	680.31	676.16	674.39	---	---	---	---	---	---	---	---	---
5	680.17	675.87	674.39	---	---	---	---	---	---	---	---	---
6	679.90	675.58	674.42	---	---	---	---	---	---	---	---	---
7	679.49	675.28	674.43	---	---	---	---	---	---	---	---	---
8	678.99	674.91	674.37	---	---	---	---	---	---	---	---	---
9	678.45	674.58	674.27	---	---	---	---	---	---	---	---	---
10	677.92	674.26	674.22	---	---	---	---	---	---	---	---	---
11	677.29	674.13	674.21	---	---	---	---	---	---	---	---	---
12	676.63	674.18	674.14	---	---	---	---	---	---	---	---	---
13	676.07	674.33	674.15	---	---	---	---	677.17	---	---	---	---
14	675.49	674.13	674.17	---	---	---	---	677.04	---	---	---	---
15	674.96	674.11	674.32	---	---	---	---	676.92	---	---	---	---
16	674.40	674.12	674.29	---	---	---	---	676.73	---	---	---	---
17	673.92	673.99	---	---	---	---	---	676.51	---	---	---	---
18	673.77	673.91	---	---	---	---	---	676.31	---	---	---	---
19	673.88	673.77	---	---	---	---	---	676.09	---	---	---	---
20	673.81	673.72	---	---	---	---	---	675.85	---	---	---	---
21	673.84	673.77	---	---	---	---	---	675.61	---	---	---	---
22	673.75	673.81	---	---	---	---	---	675.54	---	---	---	---
23	673.76	673.71	---	---	---	---	---	675.73	---	---	---	---
24	673.79	673.80	---	---	---	---	---	676.08	---	---	---	---
25	673.80	673.77	---	---	---	---	---	676.55	---	---	---	---
26	673.96	673.72	---	---	---	---	---	677.02	---	---	---	---
27	674.18	673.84	---	---	---	---	---	677.41	---	---	---	---
28	674.46	673.77	---	---	---	---	---	677.66	---	---	---	---
29	674.35	673.99	---	---	---	---	---	677.78	---	---	---	---
30	674.57	674.10	---	---	---	---	---	677.91	---	---	---	---
31	675.41	---	---	---	---	---	---	678.08	---	---	---	---
<b>Mean</b>	676.16	674.47	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	680.31	676.39	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	673.75	673.71	---	---	---	---	---	---	---	---	---	---

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