

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

LOCATION.--Lat 44°38'18", long 92°38'38", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 32, T. 114 N., R. 15 W., Goodhue County, 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.

PERIOD OF RECORD.--July 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 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 elevation, 673.42 ft, Apr. 6, 2002; minimum daily, 673.49 ft, Apr. 6, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 677.69 ft, Apr. 14; maximum daily, 676.63 ft, Apr. 6; minimum elevation, 673.57 ft, July 16; minimum daily, 673.69 ft, Oct. 2, 15.

GAGE HEIGHT, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	673.83	674.05	674.21	674.28	674.46	674.39	673.99	673.78	673.99	674.03	674.54	674.75
2	673.69	673.98	674.09	674.31	674.46	---	674.58	673.84	673.95	673.91	674.43	674.76
3	673.76	673.96	674.01	674.30	674.46	674.48	675.43	673.83	673.96	673.93	674.52	674.75
4	673.74	673.93	674.14	674.25	674.38	674.46	676.14	673.86	674.01	673.91	674.55	674.74
5	673.77	673.85	674.19	674.23	674.31	674.46	676.58	673.90	673.99	673.94	674.49	674.77
6	673.83	673.82	674.23	674.25	674.41	674.47	676.63	673.85	673.94	673.86	674.51	674.63
7	673.78	673.80	674.36	674.27	674.47	674.57	676.48	673.84	673.95	673.74	674.53	674.59
8	673.87	673.80	674.26	674.36	674.40	674.45	676.38	673.81	673.98	673.83	674.58	674.55
9	673.76	673.85	674.39	674.40	674.36	674.33	676.27	673.97	673.97	673.84	674.67	674.48
10	673.73	673.92	674.49	674.35	674.38	674.23	676.14	673.95	674.03	673.84	674.61	674.51
11	673.74	673.85	674.19	674.33	674.39	674.09	675.97	673.87	674.21	673.80	674.54	674.53
12	673.73	673.78	674.29	674.36	674.36	674.03	675.76	673.80	674.45	673.85	674.46	674.53
13	673.80	673.76	674.10	674.47	674.37	674.06	675.91	674.02	674.71	673.74	674.50	674.58
14	673.76	673.80	674.15	---	674.39	674.17	676.46	673.96	674.99	---	674.54	674.63
15	673.69	673.79	674.27	674.40	674.38	674.18	675.63	674.00	675.25	---	674.56	674.50
16	673.73	673.88	674.31	---	674.32	674.20	675.71	673.90	675.54	673.70	674.55	674.41
17	673.75	673.85	674.36	---	674.15	674.18	675.84	674.01	675.86	673.82	674.62	674.25
18	673.86	673.89	674.55	674.32	674.23	674.26	675.87	674.02	676.09	673.88	674.65	674.18
19	673.91	673.89	674.32	674.41	674.48	674.30	675.92	673.96	676.17	673.89	674.54	674.15
20	674.00	674.02	674.26	674.42	674.57	674.25	675.96	673.96	676.13	673.95	674.52	674.11
21	674.05	673.95	674.32	674.40	674.49	674.32	675.95	674.02	676.02	673.92	674.56	674.14
22	674.13	673.99	---	674.44	674.37	674.34	675.89	674.12	675.84	673.88	674.59	674.12
23	674.14	674.04	674.39	674.43	674.29	674.30	675.76	674.19	675.63	673.92	674.62	674.03
24	674.19	673.98	674.50	674.46	674.32	674.29	675.56	674.25	675.42	674.12	674.55	674.03
25	674.06	674.00	674.63	674.45	674.38	674.25	675.30	674.15	675.18	674.02	674.56	674.16
26	674.27	673.95	674.52	674.48	674.33	674.04	675.02	674.06	674.87	674.23	674.62	674.12
27	674.19	674.00	674.41	674.46	674.39	674.04	674.66	673.99	674.53	674.21	674.80	674.14
28	674.19	673.89	674.41	674.44	674.41	674.07	674.24	673.98	674.25	674.23	674.76	674.15
29	674.26	673.92	674.34	674.43	---	674.04	673.91	673.99	673.99	674.31	674.62	674.01
30	674.16	673.97	674.32	674.42	---	674.06	673.82	673.98	673.88	674.39	674.60	673.95
31	674.12	---	674.35	674.45	---	674.00	---	673.95	---	674.68	674.59	---
MEAN	673.92	673.91	---	---	674.38	---	675.59	673.96	674.76	---	674.57	674.38
MAX	674.27	674.05	---	---	674.57	---	676.63	674.25	676.17	---	674.80	674.77
MIN	673.69	673.76	---	---	674.15	---	673.82	673.78	673.88	---	674.43	673.95

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