



Water-Data Report 2009

05346050 CLEAR LAKE, EAST SIDE, AT PRAIRIE ISLAND, MN

Upper Mississippi Basin
Rush-Vermillion Subbasin

LOCATION.--Lat 44°39'13", long 92°42'36" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.15, T.102 N., R.18 W., Goodhue County, MN, Hydrologic Unit 07040001, on east bank of Clear Lake and 0.9 miles above lake output to Vermillion River.

SURFACE-WATER RECORDS

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 685.88 ft (from floodmark), Apr. 28, 2001; maximum recorded daily, 678.93 ft, May 22, 1999 (probably higher in April 2001); minimum elevation, 667.89 ft, Aug. 2, 2007; minimum daily, 667.92 ft, Aug. 2, 3, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 678.88 ft, Apr. 1; maximum daily, 678.86, Apr. 1; minimum elevation, 667.61 ft, Sep. 28; minimum daily, 667.66 ft., Sep. 28.

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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	668.07	668.21	668.13	668.28	668.40	668.14	678.86	671.96	668.26	668.04	667.78	667.97
2	668.06	668.22	668.15	668.26	668.38	668.14	---	671.91	668.21	668.03	667.75	667.94
3	668.07	668.20	668.13	668.28	668.36	668.18	678.52	671.84	668.14	667.99	667.79	667.91
4	668.09	668.25	668.11	668.30	668.35	668.21	678.18	671.76	668.09	667.95	667.77	667.88
5	668.13	668.36	668.08	668.28	668.35	668.17	677.84	671.64	668.05	667.91	667.75	667.85
6	668.17	668.43	668.10	668.28	668.35	668.17	677.51	671.48	668.12	667.87	667.73	667.83
7	668.21	668.40	668.08	668.29	668.35	668.46	677.19	671.30	668.29	667.85	667.80	667.81
8	668.30	668.26	668.09	668.28	668.34	668.64	676.93	671.07	668.40	667.87	668.23	667.80
9	668.31	668.20	668.12	668.31	668.36	668.70	676.77	670.91	668.40	667.89	668.53	667.79
10	668.30	668.20	668.11	668.35	668.52	668.62	676.62	670.76	668.34	667.89	668.49	667.79
11	668.33	668.26	668.11	668.37	669.39	668.49	676.45	670.59	668.31	667.84	668.25	667.80
12	668.37	668.35	668.12	668.37	670.15	668.44	676.25	---	668.33	667.78	668.05	667.80
13	668.40	668.41	668.15	668.37	669.73	668.37	676.02	670.42	668.35	667.73	667.99	667.79
14	668.35	668.45	668.20	668.39	669.21	668.41	675.79	670.20	668.35	667.76	668.18	667.78
15	668.30	668.39	668.22	668.41	668.88	668.57	675.53	670.14	668.38	667.72	668.09	667.77
16	668.27	668.38	668.30	668.43	668.69	668.78	675.24	669.83	668.40	667.69	668.04	667.78
17	668.29	668.30	668.34	668.44	668.56	668.87	674.93	669.75	668.41	667.72	668.02	667.79
18	668.31	668.30	668.30	668.44	668.45	668.98	674.68	669.70	668.51	667.82	668.07	667.79
19	668.31	668.29	668.27	668.45	668.34	669.34	674.45	669.64	668.61	667.87	668.09	667.78
20	668.26	668.17	668.27	668.47	668.32	669.90	674.18	669.60	668.61	667.87	668.21	667.79
21	668.29	668.16	668.29	668.48	668.28	670.46	673.92	669.46	668.47	667.90	668.38	667.80
22	668.30	668.18	668.32	668.49	668.25	670.86	673.66	669.45	668.42	668.02	668.42	667.77
23	668.30	668.15	668.38	668.47	668.24	671.42	673.36	669.31	668.48	668.06	668.42	667.77
24	668.25	668.08	668.37	668.43	668.22	672.07	673.07	669.15	668.39	668.02	668.52	667.77
25	668.23	668.05	668.35	668.41	668.21	672.93	672.79	669.04	668.37	667.91	668.63	667.84
26	668.14	668.07	668.39	668.39	668.23	674.13	672.52	668.90	668.38	667.81	668.68	667.86
27	667.99	668.02	668.40	668.38	668.28	675.47	672.35	668.76	668.43	667.79	668.59	667.81
28	668.04	668.02	668.37	668.39	668.18	677.10	672.20	668.68	668.27	667.77	668.39	667.66
29	668.07	668.12	668.36	668.40	---	678.08	672.08	668.50	668.15	667.76	668.17	667.68
30	668.15	668.17	668.33	---	---	678.57	672.05	668.34	668.07	667.83	668.07	667.73
31	668.19	---	668.29	668.41	---	678.83	---	668.27	---	667.85	668.00	---
Mean	668.22	668.24	668.23	---	668.55	670.69	---	---	668.33	667.86	668.16	667.80
Max	668.40	668.45	668.40	---	670.15	678.83	---	---	668.61	668.06	668.68	667.97
Min	667.99	668.02	668.08	---	668.18	668.14	---	---	668.05	667.69	667.73	667.66

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