

Water-Data Report 2010

**423706088363400 DELAVAN LAKE NEAR DELAVAN, WI**

Rock Basin  
Upper Rock Subbasin

LOCATION.--Lat 42°36'27", long 88°36'19" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.28, T.2 N., R.16 E., Walworth County, WI, Hydrologic Unit 07090001, at Delavan Lake Sanitary District Lift Station No. 2 at Delavan Lake Yacht Club, 1.0 mi southeast of outlet, and 2.7 mi southeast of Delavan.

DRAINAGE AREA.--41.4 mi<sup>2</sup> of which 2.30 mi<sup>2</sup> probably is noncontributing.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1983 to February 2010 (discontinued). October 1983 to September 1985 data published in Water Resources Investigation series report "Water Quality and Hydrology of Delavan Lake in Southeastern Wisconsin" by Stephen J. Field and Marvin D. Duerk.

GAGE.--Water-stage recorder. Datum of gage is 922.92 ft above NGVD of 1929 or 922.72 ft above NAVD of 1988. Prior to Sept. 5, 1989, staff gage at bridge on North Shore Drive at same datum.

REMARKS.--Records good. Lake was ice covered from Dec. 16-25 and Dec. 29 to Mar. 25. Lake levels controlled by Delavan Lake Sanitary District.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height observed, 6.53 ft, Aug. 23, 2007; minimum daily, -4.44 ft, Nov. 6, 1989 (lake drawn down for lake rehabilitation program).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.31 ft, Dec. 26; minimum, 4.90 ft, Oct. 1 and Dec. 30.

## 423706088363400 DELAVAN LAKE NEAR DELAVAN, WI—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.94	5.11	5.00	4.95	4.96	---	---	---	---	---	---	---
2	5.03	5.07	4.99	4.96	4.97	---	---	---	---	---	---	---
3	5.03	5.03	4.99	4.96	4.96	---	---	---	---	---	---	---
4	5.00	5.01	4.98	4.95	4.95	---	---	---	---	---	---	---
5	4.98	5.03	4.97	4.96	4.95	---	---	---	---	---	---	---
6	4.99	5.04	4.97	4.97	4.96	---	---	---	---	---	---	---
7	4.98	5.04	4.97	5.00	4.97	---	---	---	---	---	---	---
8	4.98	5.04	4.98	5.00	4.99	---	---	---	---	---	---	---
9	5.00	5.05	5.07	5.01	5.01	---	---	---	---	---	---	---
10	5.00	5.04	5.02	5.00	5.02	---	---	---	---	---	---	---
11	4.99	5.03	4.97	4.99	5.01	---	---	---	---	---	---	---
12	4.98	5.02	4.96	4.98	4.99	---	---	---	---	---	---	---
13	4.97	5.01	4.96	4.98	4.97	---	---	---	---	---	---	---
14	4.97	5.00	4.97	4.97	4.96	---	---	---	---	---	---	---
15	4.98	5.01	4.98	4.96	4.96	---	---	---	---	---	---	---
16	5.00	5.00	4.98	4.96	4.96	---	---	---	---	---	---	---
17	5.01	5.00	4.98	4.96	4.96	---	---	---	---	---	---	---
18	5.00	5.02	4.98	4.95	4.96	---	---	---	---	---	---	---
19	5.00	5.04	4.99	4.96	---	---	---	---	---	---	---	---
20	5.01	5.04	4.99	4.96	---	---	---	---	---	---	---	---
21	5.01	5.04	4.99	4.96	---	---	---	---	---	---	---	---
22	5.04	5.04	5.00	4.96	---	---	---	---	---	---	---	---
23	5.17	5.05	5.01	4.95	---	---	---	---	---	---	---	---
24	5.13	5.06	5.07	4.96	---	---	---	---	---	---	---	---
25	5.05	5.13	5.17	5.03	---	---	---	---	---	---	---	---
26	5.08	5.19	5.28	5.06	---	---	---	---	---	---	---	---
27	5.05	5.21	5.25	5.01	---	---	---	---	---	---	---	---
28	5.00	5.15	5.12	4.99	---	---	---	---	---	---	---	---
29	4.99	5.09	4.99	4.99	---	---	---	---	---	---	---	---
30	5.08	5.04	4.92	4.98	---	---	---	---	---	---	---	---
31	5.13	---	4.93	4.97	---	---	---	---	---	---	---	---
<b>Mean</b>	5.02	5.05	5.01	4.98	---	---	---	---	---	---	---	---
<b>Max</b>	5.17	5.21	5.28	5.06	---	---	---	---	---	---	---	---
<b>Min</b>	4.94	5.00	4.92	4.95	---	---	---	---	---	---	---	---

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