

Water-Data Report 2011

443903085312101 ARBUTUS LAKE NEAR MAYFIELD, MI

Northeastern Lake Michigan Basin
Boardman-Charlevoix Subbasin

LOCATION.--Lat 44°40'26", long 85°30'54" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.3, T.26 N., R.10 W., Grand Traverse County, MI, Hydrologic Unit 04060105, on north side of lake at Swain Road, 3.4 mi north of Mayfield.

DRAINAGE AREA.--Undetermined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 1994 to September 2011 (discontinued).

GAGE.--Nonrecording gage. Elevation of gage is 794 ft above sea level, from topographic map. Prior to Sept. 9, 2004 at site on south shore.

REMARKS.--Staff gage read by observer. No inlets or outlets.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height observed, 5.07 ft, Feb. 13, 1995; minimum observed, 1.93 ft, Sept. 18, 2011.

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 2.75 ft, May 23; minimum observed, 1.93 ft, Sept. 18.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.26	---	---	---	---	---	---	2.65	2.71	2.59	2.26	2.04
2	2.26	---	---	---	---	---	---	2.64	2.66	2.58	2.25	2.04
3	2.26	---	---	---	---	---	---	2.62	2.65	2.57	2.27	2.03
4	2.24	---	---	---	---	---	---	2.61	2.64	2.56	2.26	2.07
5	2.22	---	---	---	---	---	---	2.60	2.62	2.55	2.26	2.08
6	2.21	---	---	---	---	---	---	2.59	2.62	2.55	2.25	2.08
7	2.21	---	---	---	---	---	---	2.58	2.60	2.54	2.24	2.07
8	2.20	---	---	---	---	---	---	2.57	2.60	2.52	2.23	2.04
9	2.19	---	---	---	---	---	---	2.56	2.58	2.51	2.22	2.03
10	2.18	---	---	---	---	---	---	2.58	2.56	2.50	2.20	2.02
11	2.17	---	---	---	---	---	---	2.58	2.62	2.49	2.18	2.02
12	2.17	---	---	---	---	---	---	2.61	2.60	2.50	2.17	2.01
13	2.15	---	---	---	---	---	---	2.64	2.60	2.46	2.22	1.99
14	2.14	---	---	---	---	---	---	2.65	2.58	2.44	2.21	1.98
15	2.14	---	---	---	---	---	---	2.65	2.57	2.43	2.20	1.96
16	---	---	---	---	---	---	---	2.63	2.57	2.41	2.18	1.95
17	2.13	---	---	---	---	---	---	2.60	2.58	2.40	2.17	1.94
18	2.11	---	---	---	---	---	---	2.60	2.57	2.46	2.16	1.93
19	2.10	---	---	---	---	---	---	2.56	2.56	2.45	2.14	1.94
20	2.10	---	---	---	---	---	---	2.60	2.57	2.46	2.14	1.96
21	2.09	---	---	---	---	---	2.49	2.58	2.57	2.44	2.12	1.96
22	2.09	---	---	---	---	---	2.48	2.57	2.62	2.42	2.10	1.95
23	---	---	---	---	---	---	2.48	2.75	2.66	2.41	2.09	1.95
24	---	---	---	---	---	---	2.47	2.72	2.66	2.39	2.14	1.95
25	---	---	---	---	---	---	2.47	2.70	2.66	2.38	2.10	1.94
26	---	---	---	---	---	---	2.49	2.70	2.64	2.36	2.11	1.96
27	---	---	---	---	---	---	2.56	2.70	2.63	2.34	2.10	1.98
28	---	---	---	---	---	---	2.65	2.68	2.62	2.32	2.08	1.97
29	---	---	---	---	---	---	2.68	2.68	2.61	2.32	2.08	1.99
30	---	---	---	---	---	---	2.66	2.67	2.60	2.30	2.07	2.09
31	---	---	---	---	---	---	---	2.67	---	2.28	2.04	---
Mean	---	---	---	---	---	---	---	2.63	2.61	2.45	2.17	2.00
Max	---	---	---	---	---	---	---	2.75	2.71	2.59	2.27	2.09
Min	---	---	---	---	---	---	---	2.56	2.56	2.28	2.04	1.93

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