

Water-Data Report 2011

444351084561801 BEAR LAKE NEAR KALKASKA, MI

Northeastern Lake Michigan Basin
Manistee Subbasin

LOCATION.--Lat 44°43'35", long 84°56'08" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.20, T.27 N., R.5 W., Kalkaska County, MI, Hydrologic Unit 04060103, on East Shore of Bear Lake, 12.4 mi east of Kalkaska.

DRAINAGE AREA.--Undetermined.

SURFACE-WATER RECORDS

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

REVISED RECORDS.--WDR MI-05-1: 2004.

GAGE.--Nonrecording gage. Elevation of gage is 1,180 ft above sea level, from topographic map. August 1994 to Sept. 30, 1997, at datum 3.00 ft higher. Oct. 1, 1997 to Sept. 30, 1999, at datum 2.00 ft higher. Prior to June 19, 2000 at site on east shore. June 19, 2000 to May 21, 2002 at site on south shore. May 21, 2002 to Oct. 30, 2006 at site on west shore.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height observed, 4.68 ft, Aug. 26, 28, 1994, present datum; minimum observed, 0.96 ft, Nov. 12, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 2.71 ft, June 24; minimum observed, 1.94 ft, Nov. 27, 28, 29.

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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	2.40	2.12	1.98	---	---	---	---	---	2.59	2.65	2.45	2.37
2	2.38	2.10	2.00	---	---	---	---	---	2.57	2.65	2.43	2.35
3	2.36	2.10	2.00	---	---	---	---	---	2.57	2.65	2.55	2.39
4	2.32	2.10	2.00	---	---	---	---	---	2.55	2.65	2.53	2.37
5	2.30	2.08	1.98	---	---	---	---	2.39	2.57	2.63	2.53	2.35
6	2.30	2.06	1.98	---	---	---	---	2.39	2.55	2.63	2.51	2.33
7	2.28	2.06	2.00	---	---	---	---	2.39	2.55	2.61	2.49	2.33
8	2.28	2.06	2.00	---	---	---	---	2.39	2.55	2.61	2.49	2.31
9	2.26	2.06	2.00	---	---	---	---	2.39	2.55	2.61	2.49	2.29
10	2.26	2.04	---	---	---	---	---	2.39	2.55	2.59	2.49	2.27
11	2.26	2.04	---	---	---	---	---	2.39	2.61	2.57	2.47	2.25
12	2.24	2.04	---	---	---	---	---	2.45	2.59	2.57	2.47	2.25
13	2.24	2.02	---	---	---	---	---	2.55	2.59	2.55	2.51	2.25
14	2.22	2.00	---	---	---	---	---	2.57	2.57	2.55	2.53	2.23
15	2.20	2.00	---	---	---	---	---	2.57	2.57	2.53	2.53	2.23
16	2.20	2.00	---	---	---	---	---	2.57	2.59	2.53	2.51	2.21
17	2.18	1.98	---	---	---	---	---	2.55	2.57	2.53	2.51	2.19
18	2.18	2.00	---	---	---	---	---	2.55	2.57	2.55	2.51	2.17
19	2.16	2.00	---	---	---	---	---	2.55	2.59	2.55	2.49	2.19
20	2.14	2.00	---	---	---	---	---	2.55	2.61	2.53	2.47	2.23
21	2.14	2.00	---	---	---	---	---	2.55	2.59	2.53	2.47	2.21
22	2.14	2.00	---	---	---	---	---	2.57	2.65	2.51	2.47	2.19
23	2.12	2.00	---	---	---	---	---	2.59	2.69	2.49	2.45	2.19
24	2.16	1.98	---	---	---	---	---	2.59	2.71	2.55	2.45	2.21
25	2.14	1.96	---	---	---	---	---	2.59	2.69	2.55	2.45	2.19
26	2.14	1.96	---	---	---	---	---	2.59	2.69	2.53	2.45	2.19
27	2.14	1.94	---	---	---	---	---	2.57	2.69	2.51	2.43	2.27
28	2.16	1.94	---	---	---	---	---	2.57	2.67	2.49	2.43	2.25
29	2.16	1.94	---	---	---	---	---	2.59	2.67	2.49	2.41	2.25
30	2.16	1.98	---	---	---	---	---	2.59	2.67	2.47	2.39	2.27
31	2.14	---	---	---	---	---	---	2.59	---	2.45	2.37	---
Mean	2.22	2.02	---	---	---	---	---	---	2.61	2.56	2.48	2.26
Max	2.40	2.12	---	---	---	---	---	---	2.71	2.65	2.55	2.39
Min	2.12	1.94	---	---	---	---	---	---	2.55	2.45	2.37	2.17

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