

Water-Data Report 2011

04215900 LAKE ERIE AT BUFFALO, NY

Lake Erie Basin
Lake Erie Subbasin

LOCATION.--Lat 42°52'39", long 78°53'26" referenced to North American Datum of 1927, Erie County, NY, Hydrologic Unit 04120200, near outer end of Buffalo River South Pier, at Buffalo.

DRAINAGE AREA.--263,700 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1860 to current year. Records prior to October 1960 in files of Lake Survey Center.

REVISED RECORDS.--WDR NY-75-1: 1974.

GAGE.--Water-stage recorder. Elevations are in feet International Great Lakes Datum (IGLD) of 1985. Prior to Oct. 1, 1991, elevations are in feet IGLD of 1955, 0.67 ft lower. Prior to Feb. 5, 1899, nonrecording gages.

COOPERATION.--Records furnished by U.S. Department of Commerce, NOAA-NOS, Oceanographic Products and Services Division, Silver Spring, Maryland.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 580.65 ft, datum then in use, Dec. 2, 1985, result of seiche; minimum elevation, 564.17 ft, datum then in use, Mar. 10, 1964.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 576.82 ft, Apr. 28, result of seiche; minimum elevation, 567.36 ft, Feb. 2, result of seiche.

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LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	570.72	570.33	571.88	570.46	569.10	570.23	571.17	571.84	573.23	572.49	572.45	571.84
2	570.30	570.26	571.34	571.38	569.81	570.45	571.22	571.97	572.97	572.57	572.33	571.80
3	569.74	570.49	570.67	570.66	570.38	569.95	570.94	571.89	572.76	572.70	572.30	571.79
4	570.36	570.44	570.50	570.93	570.39	570.19	571.27	572.16	572.69	572.57	571.98	572.09
5	570.63	570.53	571.16	570.46	569.95	570.40	571.39	572.21	572.77	572.53	572.02	571.68
6	570.75	570.34	571.42	570.44	570.09	570.36	571.16	572.12	572.69	572.60	572.11	571.12
7	571.10	570.66	571.24	570.53	569.92	570.50	571.07	572.07	572.69	572.40	572.41	570.75
8	571.16	570.43	570.89	570.43	570.11	570.19	570.97	571.99	572.76	572.43	572.18	571.16
9	570.59	570.23	570.46	570.61	570.39	570.38	571.17	571.94	572.90	572.40	572.32	571.63
10	570.76	570.01	570.76	570.28	569.99	570.74	571.17	571.73	572.50	572.43	572.69	571.72
11	570.72	570.20	570.28	569.74	569.88	571.96	571.49	571.79	572.65	572.63	572.42	571.81
12	570.66	570.28	570.66	570.41	570.02	571.13	571.02	571.85	572.78	572.60	572.20	571.97
13	570.66	570.20	570.90	570.44	569.93	571.13	571.22	571.97	572.83	572.40	572.03	572.11
14	570.85	570.88	571.19	570.41	570.26	570.85	571.20	571.94	572.54	572.19	571.99	571.79
15	570.86	570.43	571.11	570.98	569.74	570.69	570.01	571.42	572.48	572.14	571.96	571.73
16	570.92	569.86	570.77	570.47	569.80	571.08	571.19	571.80	572.60	572.24	572.10	571.68
17	570.97	571.59	571.03	569.97	569.75	570.96	572.46	571.63	572.66	572.35	572.10	571.39
18	570.69	570.64	571.05	570.20	570.37	571.09	571.29	571.93	572.56	572.45	572.14	571.48
19	570.92	570.64	570.57	570.31	570.28	570.97	570.60	572.18	572.27	572.28	572.03	571.73
20	571.25	570.81	570.46	570.18	569.74	570.65	571.94	572.32	572.45	572.35	572.00	571.64
21	571.07	570.08	570.21	570.81	568.90	571.10	571.72	572.26	572.39	572.57	572.15	571.61
22	571.02	570.51	570.30	570.39	569.50	570.88	571.16	572.22	572.60	572.37	572.13	571.65
23	570.77	571.33	570.45	570.15	569.95	569.76	571.68	572.45	572.75	572.44	572.02	571.69
24	570.65	570.22	570.32	569.99	570.00	570.93	571.55	572.49	573.01	572.32	572.35	571.55
25	570.60	570.07	570.15	570.21	569.89	571.14	571.35	572.27	573.02	572.46	572.30	571.48
26	570.74	572.27	569.88	570.04	570.05	571.03	571.68	572.45	572.70	572.48	571.96	571.51
27	571.10	571.66	570.44	570.16	569.97	571.05	571.77	572.53	572.55	572.19	571.85	571.72
28	571.85	570.56	571.35	570.08	570.20	571.15	572.54	572.62	572.92	572.32	571.67	571.69
29	570.99	570.23	570.49	569.95	---	571.14	572.16	572.66	572.92	572.59	571.87	572.08
30	571.37	570.34	570.21	570.00	---	570.94	571.81	572.73	572.66	572.39	571.89	572.67
31	570.43	---	570.21	569.59	---	571.00	---	572.78	---	572.44	571.69	---
Mean	570.81	570.55	570.72	570.34	569.94	570.77	571.38	572.14	572.71	572.43	572.12	571.69
Max	571.85	572.27	571.88	571.38	570.39	571.96	572.54	572.78	573.23	572.70	572.69	572.67
Min	569.74	569.86	569.88	569.59	568.90	569.76	570.01	571.42	572.27	572.14	571.67	570.75

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