04232400 SENECA LAKE AT WATKINS GLEN, NY

Seneca Watershed

LOCATION.--Lat 42°23′00″, long 76°52′05″ referenced to North American Datum of 1927, Schuyler County, Hydrologic Unit 04140201, on east bank about 300 ft from lake on shorter of two boat slips at Watkins Glen.

DRAINAGE AREA.--704 mi^2.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1956 to current year.

REVISED RECORDS.--WSP 2112: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (1.59 ft Barge Canal datum). To convert elevations to NAVD adjustment of 1988, subtract 0.62 ft. Prior to Oct. 1, 1975, at datum 438.41 ft higher.

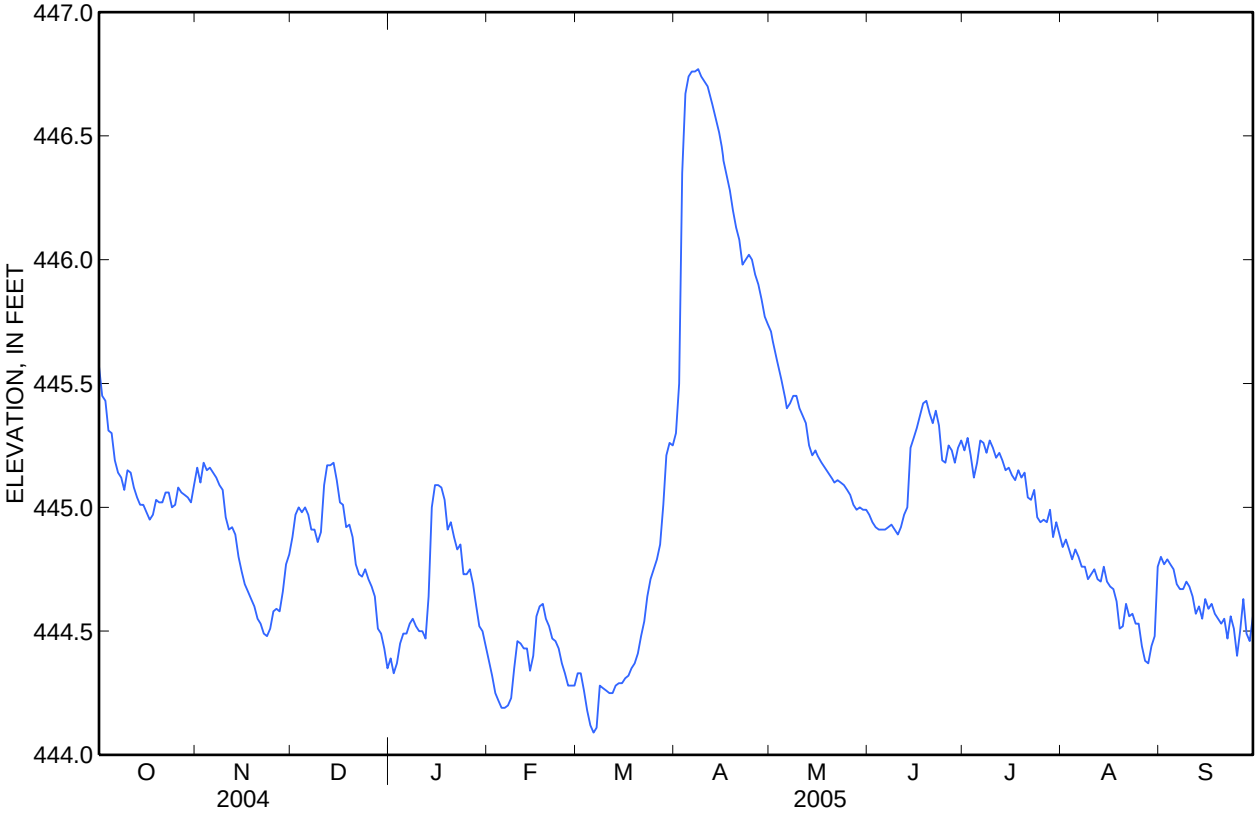
REMARKS.--Area of water surface, 67.6 mi^2. Diversion from Susquehanna River basin enters lake through Keuka Lake Outlet at Dresden. Lake elevation regulated by taintor gates on Seneca River at Lock 4, Waterloo, for operation of Erie (Barge) Canal and power generation by New York State Electric and Gas Corp. Telephone and satellite gage-height telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 448.95 ft, April 26, 27, 1993; minimum elevation, 442.64 ft, Mar. 14, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 446.80 ft, Apr 7; minimum elevation, 444.06 ft, Mar 6.

04232400 SENECA LAKE AT WATKINS GLEN, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	445.57	445.16	444.88	444.39	444.38	444.33	445.30	445.71	444.97	445.23	444.84	444.80
2	445.45	445.10	444.97	444.33	444.32	444.33	445.50	445.64	444.94	445.28	444.87	444.77
3	445.43	445.18	445.00	444.37	444.25	444.26	446.35	445.59	444.92	445.21	444.83	444.79
4	445.31	445.15	444.98	444.45	444.22	444.18	446.67	445.53	444.91	445.12	444.79	444.77
5	445.30	445.16	445.00	444.49	444.19	444.12	446.74	445.47	444.91	445.18	444.83	444.75
6	445.19	445.14	444.97	444.49	444.19	444.09	446.76	445.40	444.91	445.27	444.80	444.69
7	445.14	445.12	444.91	444.53	444.20	444.11	446.76	445.42	444.92	445.26	444.76	444.67
8	445.12	445.09	444.91	444.55	444.23	444.28	446.77	445.45	444.93	445.22	444.76	444.67
9	445.07	445.07	444.86	444.52	444.35	444.27	446.74	445.45	444.91	445.27	444.71	444.70
10	445.15	444.96	444.90	444.50	444.46	444.26	446.72	445.40	444.89	445.24	444.73	444.68
11	445.14	444.91	445.09	444.50	444.45	444.25	446.70	445.37	444.92	445.20	444.75	444.64
12	445.08	444.92	445.17	444.47	444.43	444.25	446.65	445.34	444.97	445.22	444.71	444.57
13	445.04	444.89	445.17	444.64	444.43	444.28	446.60	445.25	445.00	445.19	444.70	444.60
14	445.01	444.80	445.18	445.00	444.34	444.29	446.55	445.21	445.24	445.15	444.76	444.55
15	445.01	444.74	445.11	445.09	444.40	444.29	446.49	445.23	445.28	445.16	444.70	444.63
16	444.98	444.69	445.02	445.09	444.56	444.31	446.40	445.20	445.32	445.13	444.68	444.59
17	444.95	444.66	445.01	445.08	444.60	444.32	446.34	445.18	445.37	445.11	444.67	444.61
18	444.97	444.63	444.92	445.03	444.61	444.35	446.28	445.16	445.42	445.15	444.62	444.57
19	445.03	444.60	444.93	444.91	444.55	444.37	446.20	445.14	445.43	445.12	444.51	444.55
20	445.02	444.55	444.88	444.94	444.52	444.41	446.13	445.12	445.38	445.14	444.52	444.53
21	445.02	444.53	444.77	444.88	444.47	444.48	446.08	445.10	445.34	445.04	444.61	444.55
22	445.06	444.49	444.73	444.83	444.46	444.54	445.98	445.11	445.39	445.03	444.56	444.47
23	445.06	444.48	444.72	444.85	444.43	444.64	446.00	445.10	445.33	445.07	444.57	444.56
24	445.00	444.51	444.75	444.73	444.37	444.71	446.02	445.09	445.19	444.96	444.53	444.51
25	445.01	444.58	444.71	444.73	444.33	444.75	446.00	445.07	445.18	444.94	444.53	444.40
26	445.08	444.59	444.68	444.75	444.28	444.79	445.94	445.05	445.25	444.95	444.44	444.50
27	445.06	444.58	444.64	444.69	444.28	444.85	445.90	445.01	445.23	444.94	444.38	444.63
28	445.05	444.66	444.51	444.60	444.28	445.01	445.84	444.99	445.18	444.99	444.37	444.49
29	445.04	444.77	444.49	444.52	---	445.21	445.77	445.00	445.24	444.88	444.44	444.46
30	445.02	444.81	444.43	444.50	---	445.26	445.74	444.99	445.27	444.94	444.48	444.56
31	445.09	---	444.35	444.44	---	445.25	---	444.99	---	444.89	444.76	---
Mean	445.11	444.82	444.86	444.67	444.38	444.48	446.26	445.25	445.14	445.11	444.65	444.61
Max	445.57	445.18	445.18	445.09	444.61	445.26	446.77	445.71	445.43	445.28	444.87	444.80
Min	444.95	444.48	444.35	444.33	444.19	444.09	445.30	444.99	444.89	444.88	444.37	444.40

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