04253300 SIXTH LAKE NEAR OLD FORGE, NY

Northeastern Lake Ontario Basin
Black Subbasin

LOCATION.--Lat 43°44′43″, long 74°46′58″ referenced to North American Datum of 1927, Hamilton County, NY, Hydrologic Unit 04150101, on dam at outlet of Sixth Lake at Inlet, and 11.2 mi upstream from dam at Old Forge.

DRAINAGE AREA.--18.6 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1969 to September 2003 (monthly contents only). October 2003 to current year. Records from November 1911 to September 1969, available from Board of Hudson River-Black River Regulating District.

GAGE.--Water-stage recorder and nonrecording gage read once daily. Datum of gage is NGVD of 1929 (levels by Board of Hudson River-Black River Regulating District). Prior to 2004 water year, only nonrecording gage read once daily.

COOPERATION.--Records provided by Board of Hudson River-Black River Regulating District.

REMARKS.--The Sixth and Seventh Lakes of Fulton Chain Lakes are partially formed and controlled by the concrete dam at Inlet, while the Eighth Lake is upstream and at approximately 5 ft higher elevation. Storage began around 1881. The present structure is a concrete dam with control gates which were installed in 1938. Usable capacity 296.6 mil ft^3 between minimum operating level, elevation 1,775.1 ft, and crest of spillway, elevation 1,786.0 ft; no dead storage below minimum operating level. The dam and the telephone gage-height telemeter operated by Board of Hudson River-Black River Regulating District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 1,787.1 ft, Oct. 3, 1945, contents, 332 mil ft^3; minimum elevation observed, water level below elevation 1,775.6 ft, Nov. 18, 1943, contents, 0.90 mil ft^3.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 1,786.16 ft, Aug. 23, contents, 301.7 mil ft^3; minimum elevation observed, 1,780.03 ft, Mar. 12, contents, 112.2 mil ft^3.

Capacity table
(elevation, in feet, and contents in millions of cubic feet)

1,775.5	0.70	1,783.0	202
1,778.0	52.6	1,786.0	297
1,780.0	111	1,789.0	394

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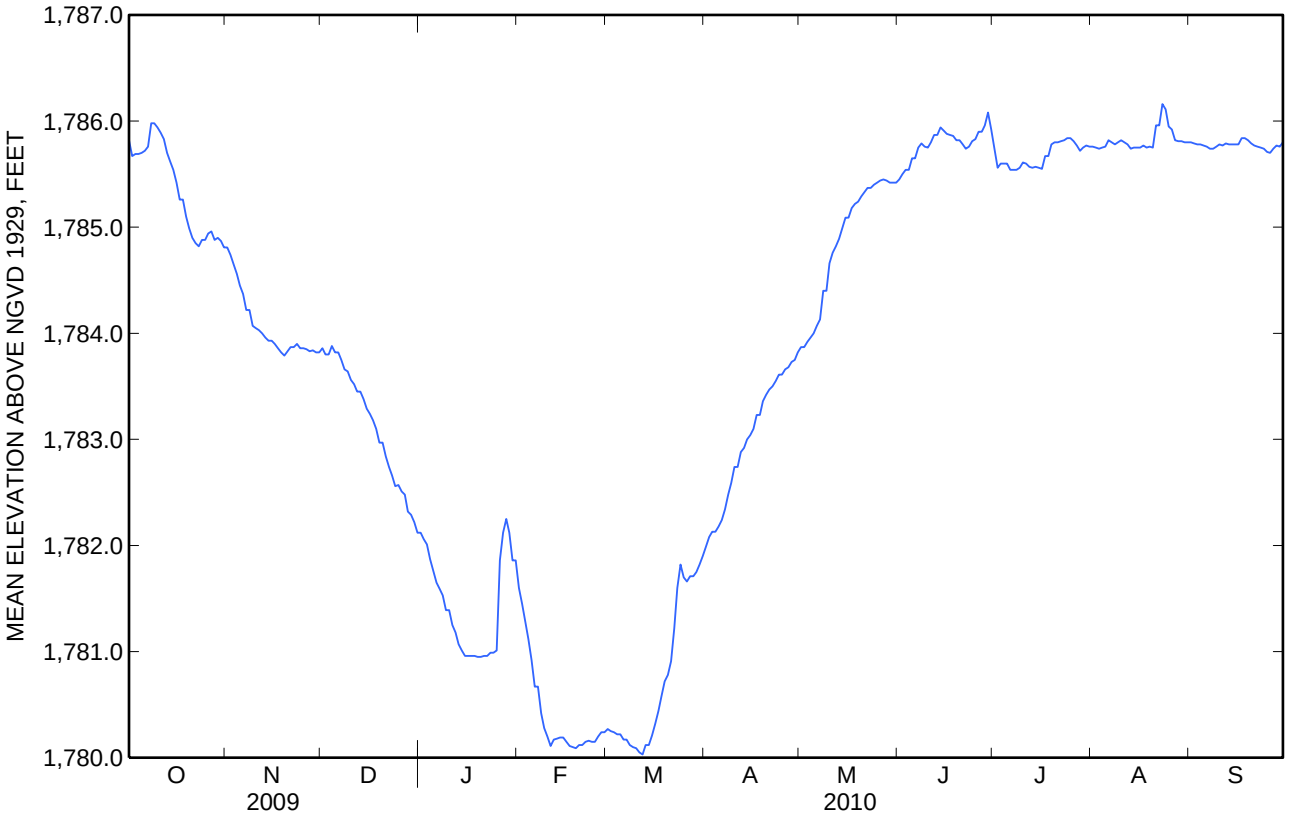
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,785.82	1,784.81	1,783.86	1,782.12	1,781.60	1,780.27	1,781.99	1,783.87	1,785.45	1,785.74	1,785.76	1,785.80
2	1,785.67	1,784.74	1,783.80	1,782.06	1,781.45	1,780.25	1,782.08	1,783.87	1,785.50	1,785.56	1,785.75	1,785.79
3	1,785.69	1,784.65	1,783.80	1,782.01	1,781.28	1,780.24	1,782.13	1,783.92	1,785.54	1,785.60	1,785.74	1,785.78
4	1,785.69	1,784.56	1,783.88	1,781.87	1,781.12	1,780.22	1,782.13	1,783.96	1,785.54	1,785.60	1,785.75	1,785.78
5	1,785.70	1,784.45	1,783.82	1,781.76	1,780.92	1,780.22	1,782.18	1,784.00	1,785.65	1,785.60	1,785.76	1,785.77
6	1,785.72	1,784.37	1,783.82	1,781.65	1,780.67	1,780.17	1,782.24	1,784.07	1,785.65	1,785.54	1,785.82	1,785.76
7	1,785.76	1,784.22	1,783.75	1,781.59	1,780.67	1,780.17	1,782.34	1,784.13	1,785.75	1,785.54	1,785.80	1,785.74
8	1,785.98	1,784.22	1,783.66	1,781.53	1,780.42	1,780.12	1,782.48	1,784.40	1,785.79	1,785.54	1,785.78	1,785.74
9	1,785.98	1,784.07	1,783.64	1,781.39	1,780.28	1,780.10	1,782.59	1,784.40	1,785.76	1,785.56	1,785.80	1,785.76
10	1,785.94	1,784.05	1,783.56	1,781.39	1,780.20	1,780.09	1,782.74	1,784.66	1,785.75	1,785.61	1,785.82	1,785.78
11	1,785.89	1,784.03	1,783.52	1,781.25	1,780.11	1,780.05	1,782.74	1,784.76	1,785.80	1,785.60	1,785.80	1,785.77
12	1,785.83	1,784.00	1,783.45	1,781.18	1,780.17	1,780.03	1,782.88	1,784.82	1,785.87	1,785.57	1,785.78	1,785.79
13	1,785.70	1,783.96	1,783.45	1,781.07	1,780.18	1,780.12	1,782.92	1,784.89	1,785.87	1,785.56	1,785.74	1,785.78
14	1,785.62	1,783.93	1,783.38	1,781.01	1,780.19	1,780.12	1,783.00	1,784.99	1,785.94	1,785.57	1,785.75	1,785.78
15	1,785.54	1,783.93	1,783.29	1,780.96	1,780.19	1,780.21	1,783.04	1,785.09	1,785.91	1,785.56	1,785.75	1,785.78
16	1,785.42	1,783.90	1,783.24	1,780.96	1,780.15	1,780.32	1,783.10	1,785.09	1,785.88	1,785.55	1,785.75	1,785.78
17	1,785.26	1,783.86	1,783.18	1,780.96	1,780.11	1,780.44	1,783.23	1,785.18	1,785.87	1,785.67	1,785.77	1,785.84
18	1,785.26	1,783.82	1,783.10	1,780.96	1,780.10	1,780.58	1,783.23	1,785.22	1,785.86	1,785.67	1,785.75	1,785.84
19	1,785.10	1,783.79	1,782.97	1,780.95	1,780.09	1,780.72	1,783.36	1,785.24	1,785.82	1,785.78	1,785.76	1,785.82
20	1,784.99	1,783.83	1,782.97	1,780.95	1,780.12	1,780.78	1,783.42	1,785.29	1,785.82	1,785.80	1,785.75	1,785.79
21	1,784.90	1,783.87	1,782.84	1,780.96	1,780.12	1,780.91	1,783.47	1,785.33	1,785.78	1,785.80	1,785.96	1,785.77
22	1,784.85	1,783.87	1,782.74	1,780.96	1,780.15	1,781.22	1,783.50	1,785.37	1,785.74	1,785.81	1,785.96	1,785.76
23	1,784.82	1,783.90	1,782.66	1,780.99	1,780.16	1,781.60	1,783.55	1,785.37	1,785.76	1,785.82	1,786.16	1,785.75
24	1,784.88	1,783.86	1,782.56	1,780.99	1,780.15	1,781.82	1,783.61	1,785.40	1,785.81	1,785.84	1,786.11	1,785.74
25	1,784.88	1,783.86	1,782.57	1,781.01	1,780.15	1,781.70	1,783.61	1,785.42	1,785.83	1,785.84	1,785.95	1,785.71
26	1,784.94	1,783.85	1,782.51	1,781.86	1,780.20	1,781.66	1,783.66	1,785.44	1,785.90	1,785.81	1,785.92	1,785.70
27	1,784.96	1,783.83	1,782.48	1,782.12	1,780.24	1,781.71	1,783.68	1,785.45	1,785.90	1,785.77	1,785.82	1,785.74
28	1,784.88	1,783.84	1,782.32	1,782.25	1,780.24	1,781.71	1,783.73	1,785.44	1,785.96	1,785.72	1,785.81	1,785.77
29	1,784.90	1,783.82	1,782.29	1,782.12	---	1,781.75	1,783.75	1,785.42	1,786.08	1,785.75	1,785.81	1,785.76
30	1,784.87	1,783.82	1,782.22	1,781.86	---	1,781.82	1,783.82	1,785.42	1,785.92	1,785.77	1,785.80	1,785.80
31	1,784.81	---	1,782.12	1,781.86	---	1,781.90	---	1,785.42	---	1,785.76	1,785.80	---
Mean	1,785.36	1,784.06	1,783.14	1,781.44	1,780.41	1,780.74	1,783.01	1,784.88	1,785.79	1,785.67	1,785.82	1,785.77
Max	1,785.98	1,784.81	1,783.88	1,782.25	1,781.60	1,781.90	1,783.82	1,785.45	1,786.08	1,785.84	1,786.16	1,785.84
Min	1,784.81	1,783.79	1,782.12	1,780.95	1,780.09	1,780.03	1,781.99	1,783.87	1,785.45	1,785.54	1,785.74	1,785.70
†	258.7	228.6	175.1	161.6	119.0	170.3	228.9	278.7	289.9	288.9	290.2	304.6
††	-12.4	-11.6	-20.0	-5.04	-17.6	+19.1	+22.6	+18.6	+4.32	-0.37	+0.49	+5.56

	Calendar Year 2009	Water Year 2010
Mean	1,783.69	1,783.86
Max	1,786.26	1,786.16
Min	1,779.05	1,780.03
††	-0.27	+0.41

† Contents, in millions of cubic feet, at 2400 hours on last day of month.
†† Change in contents, equivalent in cubic feet per second.

Note: Elevations for Oct. 1 through Sept. 30 are 0800 readings.

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