



Water-Data Report 2006

01314500 INDIAN LAKE NEAR INDIAN LAKE, NY

Upper Hudson Basin
Upper Hudson Subbasin

LOCATION.--Lat 43°45'20", long 74°16'35" referenced to North American Datum of 1927, Hamilton County, NY, Hydrologic Unit 02020001, at Indian Lake Dam on Indian River, and 2.0 mi south of village of Indian Lake.

DRAINAGE AREA.--131 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1900 to current year. Prior to October 1956, published as "Indian Lake Reservoir near Indian Lake." Prior to October 2003, daily observations at 0800 hours.

REVISED RECORDS.--WDR NY-94-1: 1993 (change in contents).

GAGE.--Water-stage recorder. Prior to January 1998, nonrecording gage read once daily. Datum of gage is NGVD of 1929.

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

REMARKS.--Reservoir is formed by masonry dam, completed in 1898. Usable capacity, about 4.668 bil ft³ at elevation, 1,651.29 ft (crest of spillway). Sills of double sluice gates at lowest outlet at elevation 1,615.50 ft. Dead storage unknown, Water is used for power development, for improvement of navigation in lower Hudson River, and to compensate for flow diverted from Hudson River at Glens Falls into Champlain (Barge) Canal. Hudson River-Black River Regulating District telephone gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 1,656.71 ft, Mar. 28, 1913, contents, 5.781 bil ft³; minimum elevation observed, about 1,616.8 ft, Feb. 13, 1948, contents, 0.20 bil ft³.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 1,653.64 ft, June 30, contents, 5.138 bil ft³; minimum elevation, 1,640.97 ft, Mar. 13, contents, 2.891 bil ft³.

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

1,635.0	1.958	1,648.0	4.068
1,636.0	2.110	1,653.0	5.007
1,638.0	2.417	1,655.0	5.419
1,643.0	3.221	1,657.0	5.844

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,646.04	1,648.53	1,650.44	1,648.18	1,647.43	1,643.56	1,645.04	1,651.15	1,651.22	1,653.41	1,648.23	1,646.32
2	1,645.97	1,648.55	1,650.66	1,648.10	1,647.29	1,643.32	1,645.55	1,651.14	1,651.21	1,653.11	1,648.08	1,646.16
3	1,645.91	1,648.56	1,650.73	1,647.99	1,647.17	1,643.09	1,646.00	1,651.17	1,651.26	1,652.79	1,647.98	1,646.04
4	1,645.84	1,648.47	1,650.70	1,647.91	1,647.23	1,642.85	1,646.50	1,651.18	1,651.42	1,652.38	1,647.84	1,645.92
5	1,645.76	1,648.37	1,650.64	1,647.82	1,647.41	1,642.59	1,647.00	1,651.16	1,651.51	1,652.07	1,647.71	1,645.78
6	1,645.69	1,648.29	1,650.55	1,647.70	1,647.64	1,642.35	1,647.33	1,651.16	1,651.47	1,651.68	1,647.63	1,645.66
7	1,645.59	1,648.32	1,650.46	1,647.60	1,647.69	1,642.11	1,647.56	1,651.16	1,651.40	1,651.38	1,647.59	1,645.63
8	1,645.91	1,648.27	1,650.34	1,647.47	1,647.62	1,641.88	1,647.79	1,651.14	1,651.29	1,651.02	1,647.55	1,645.59
9	1,646.38	1,648.28	1,650.24	1,647.34	1,647.50	1,641.63	1,647.98	1,651.01	1,651.20	1,650.74	1,647.46	1,645.55
10	1,646.62	1,648.56	1,650.14	1,647.20	1,647.34	1,641.41	1,648.13	1,650.79	1,651.11	1,650.49	1,647.33	1,645.49
11	1,646.71	1,648.88	1,650.03	1,647.08	1,647.14	1,641.23	1,648.28	1,650.54	1,651.01	1,650.18	1,647.22	1,645.44
12	1,646.74	1,649.00	1,649.90	1,647.00	1,646.93	1,641.10	1,648.46	1,650.56	1,650.87	1,649.96	1,647.14	1,645.38
13	1,646.71	1,649.00	1,649.80	1,646.94	1,646.73	1,641.04	1,648.76	1,650.95	1,650.75	1,650.03	1,647.11	1,645.36
14	1,646.69	1,648.96	1,649.67	1,646.91	1,646.51	1,641.39	1,649.00	1,651.43	1,650.63	1,650.01	1,647.08	1,645.32
15	1,647.06	1,648.97	1,649.55	1,647.04	1,646.26	1,642.15	1,649.23	1,651.71	1,650.47	1,649.86	1,647.06	1,645.32
16	1,647.58	1,649.36	1,649.46	1,647.11	1,646.03	1,642.68	1,649.44	1,651.68	1,650.31	1,649.64	1,647.01	1,645.32
17	1,647.86	1,649.96	1,649.34	1,647.09	1,645.89	1,643.00	1,649.60	1,651.65	1,650.31	1,649.38	1,646.99	1,645.31
18	1,647.98	1,650.31	1,649.20	1,647.35	1,645.82	1,643.20	1,649.73	1,651.53	1,650.34	1,649.10	1,646.96	1,645.29
19	1,648.03	1,650.44	1,649.07	1,648.03	1,645.68	1,643.36	1,649.81	1,651.47	1,650.34	1,648.81	1,646.94	1,645.25
20	1,648.00	1,650.44	1,648.93	1,648.43	1,645.49	1,643.48	1,649.90	1,651.38	1,650.36	1,648.53	1,646.95	1,645.18
21	1,647.93	1,650.38	1,648.80	1,648.61	1,645.30	1,643.57	1,650.00	1,651.24	1,650.31	1,648.40	1,646.98	1,645.11
22	1,647.84	1,650.32	1,648.66	1,648.73	1,645.10	1,643.65	1,650.11	1,651.09	1,650.22	1,648.44	1,646.96	1,645.04
23	1,647.83	1,650.30	1,648.51	1,648.73	1,644.88	1,643.72	1,650.86	1,651.08	1,650.15	1,648.63	1,646.87	1,644.98
24	1,647.83	1,650.23	1,648.36	1,648.68	1,644.65	1,643.78	1,651.95	1,651.03	1,650.06	1,648.73	1,646.76	1,644.95
25	1,647.93	1,650.17	1,648.23	1,648.56	1,644.45	1,643.89	1,652.24	1,650.99	1,649.96	1,648.73	1,646.68	1,644.87
26	1,648.31	1,650.03	1,648.24	1,648.42	1,644.28	1,644.00	1,652.21	1,650.92	1,649.91	1,648.59	1,646.61	1,644.81
27	1,648.53	1,649.90	1,648.26	1,648.27	1,644.05	1,644.10	1,651.97	1,650.87	1,650.12	1,648.45	1,646.58	1,644.74
28	1,648.60	1,649.78	1,648.26	1,648.04	1,643.82	1,644.20	1,651.78	1,650.88	1,651.71	1,648.40	1,646.54	1,644.68
29	1,648.59	1,649.69	1,648.21	1,647.82	---	1,644.33	1,651.56	1,650.86	1,653.47	1,648.47	1,646.52	1,644.66
30	1,648.53	1,649.97	1,648.20	1,647.66	---	1,644.49	1,651.33	1,650.87	1,653.64	1,648.40	1,646.49	1,644.64
31	1,648.51	---	1,648.21	1,647.53	---	1,644.70	---	1,651.04	---	1,648.31	1,646.45	---
Mean	1,647.21	1,649.34	1,649.41	1,647.79	1,646.19	1,642.96	1,649.17	1,651.12	1,650.93	1,649.94	1,647.14	1,645.33
Max	1,648.60	1,650.44	1,650.73	1,648.73	1,647.69	1,644.70	1,652.24	1,651.71	1,653.64	1,653.41	1,648.23	1,646.32
Min	1,645.59	1,648.27	1,648.20	1,646.91	1,643.82	1,641.04	1,645.04	1,650.54	1,649.91	1,648.31	1,646.45	1,644.64
†	4.170	4.468	4.105	3.981	3.342	3.534	4.655	4.631	5.121	4.116	3.792	3.502
††	+162	+115	-136	-46.3	-264	+71.7	+432	-9.0	+189	-375	-121	-112

	Calendar Year 2005	Water Year 2006
Mean	1,646.42	1,648.05
Max	1,652.08	1,653.64
Min	1,637.75	1,641.04
††	+27.30	-7.39

† Contents, in billions of cubic feet, at 2400 hours on last day of month.

†† Change in contents, equivalent in cubic feet per second.

Note: Elevations for May 31 through July 7 and Aug. 1-23 are 0800 readings. Mean elevation for July 10 and month-end contents and change-in-contents for May and June are computed based on reading at 0800 and on adjacent days.

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