

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, 1,655.13 ft, Apr. 29, contents, 5.446 bil ft³; minimum elevation, 1,638.41 ft, Mar. 5, contents, 2.482 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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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	1,646.24	1,646.95	1,642.50	1,641.00	1,640.15	1,638.77	1,640.76	1,653.82	1,651.90	1,650.20	1,648.08	1,648.13
2	1,647.74	1,646.71	1,643.12	1,641.00	1,640.18	1,638.69	1,640.62	1,653.32	1,651.83	1,649.97	1,648.01	1,648.10
3	1,648.30	1,646.46	1,643.52	1,640.99	1,640.17	1,638.59	1,640.46	1,652.93	1,651.71	1,649.77	1,647.97	1,648.03
4	1,648.51	1,646.26	1,643.60	1,641.01	1,640.13	1,638.51	1,640.34	1,652.90	1,651.56	1,649.62	1,647.91	1,647.95
5	1,648.64	1,646.14	1,643.59	1,640.99	1,640.09	1,638.44	1,640.34	1,652.93	1,651.42	1,649.50	1,647.85	1,647.99
6	1,648.77	1,645.99	1,643.51	1,640.96	1,640.04	1,638.76	1,640.44	1,652.73	1,651.25	1,649.42	1,647.82	1,648.43
7	1,649.06	1,645.81	1,643.40	1,640.95	1,639.99	1,639.46	1,640.59	1,652.41	1,651.10	1,649.31	1,647.81	1,648.88
8	1,649.35	1,645.61	1,643.26	1,640.94	1,639.96	1,639.90	1,640.74	1,652.11	1,650.93	1,649.24	1,647.77	1,649.51
9	1,649.48	1,645.46	1,643.09	1,640.91	1,639.93	1,640.22	1,640.89	1,651.80	1,650.79	1,649.17	1,647.76	1,650.04
10	1,649.59	1,645.28	1,642.94	1,640.88	1,639.87	1,640.51	1,641.11	1,651.53	1,650.67	1,649.11	1,647.83	1,650.26
11	1,649.61	1,645.10	1,642.76	1,640.86	1,639.81	1,640.76	1,641.66	1,651.25	1,650.62	1,649.03	1,647.81	1,650.34
12	1,649.63	1,644.91	1,642.59	1,640.84	1,639.76	1,641.04	1,642.82	1,651.07	1,650.73	1,648.94	1,647.74	1,650.22
13	1,649.63	1,644.71	1,642.57	1,640.81	1,639.70	1,641.32	1,644.02	1,651.12	1,650.78	1,648.88	1,647.62	1,649.94
14	1,649.56	1,644.52	1,642.58	1,640.79	1,639.66	1,641.52	1,644.90	1,651.17	1,650.83	1,648.83	1,647.50	1,649.62
15	1,649.41	1,644.30	1,642.53	1,640.78	1,639.62	1,641.63	1,645.61	1,651.30	1,650.78	1,648.79	1,647.43	1,649.33
16	1,649.33	1,644.10	1,642.42	1,640.75	1,639.57	1,641.70	1,646.18	1,651.65	1,650.70	1,648.74	1,647.59	1,649.03
17	1,649.26	1,644.01	1,642.28	1,640.71	1,639.50	1,641.70	1,646.76	1,651.92	1,650.59	1,648.70	1,647.65	1,648.70
18	1,649.11	1,643.97	1,642.12	1,640.70	1,639.39	1,641.68	1,647.41	1,651.87	1,650.51	1,648.66	1,647.61	1,648.34
19	1,648.96	1,643.90	1,641.97	1,640.67	1,639.31	1,641.82	1,647.83	1,651.77	1,650.40	1,648.61	1,647.54	1,648.01
20	1,648.77	1,643.78	1,641.80	1,640.63	1,639.30	1,641.99	1,648.45	1,651.73	1,650.29	1,648.58	1,647.44	1,647.65
21	1,648.57	1,643.62	1,641.60	1,640.60	1,639.28	1,642.09	1,649.30	1,651.75	1,650.17	1,648.54	1,647.36	1,647.30
22	1,648.40	1,643.48	1,641.43	1,640.57	1,639.24	1,642.12	1,649.60	1,651.74	1,650.11	1,648.46	1,647.28	1,646.94
23	1,648.19	1,643.35	1,641.28	1,640.54	1,639.20	1,642.08	1,649.68	1,651.63	1,650.23	1,648.41	1,647.16	1,646.61
24	1,648.01	1,643.24	1,641.24	1,640.51	1,639.14	1,642.00	1,649.70	1,651.49	1,650.20	1,648.35	1,647.06	1,646.29
25	1,647.83	1,643.15	1,641.23	1,640.47	1,639.07	1,641.89	1,649.78	1,651.30	1,650.46	1,648.34	1,646.95	1,645.97
26	1,647.64	1,643.05	1,641.20	1,640.42	1,639.01	1,641.75	1,650.49	1,651.22	1,650.76	1,648.34	1,646.82	1,645.63
27	1,647.54	1,642.89	1,641.18	1,640.36	1,638.92	1,641.60	1,652.60	1,651.37	1,650.80	1,648.29	1,646.69	1,645.31
28	1,647.50	1,642.73	1,641.15	1,640.32	1,638.85	1,641.44	1,654.27	1,651.55	1,650.70	1,648.25	1,646.87	1,645.01
29	1,647.40	1,642.57	1,641.11	1,640.27	---	1,641.28	1,654.83	1,651.72	1,650.59	1,648.21	1,647.71	1,644.72
30	1,647.30	1,642.45	1,641.07	1,640.23	---	1,641.09	1,654.39	1,651.87	1,650.44	1,648.17	1,648.05	1,644.52
31	1,647.12	---	1,641.04	1,640.19	---	1,640.93	---	1,651.92	---	1,648.13	1,648.13	---
Mean	1,648.53	1,644.48	1,642.25	1,640.70	1,639.60	1,640.82	1,645.89	1,651.90	1,650.80	1,648.86	1,647.58	1,647.89
Max	1,649.63	1,646.95	1,643.60	1,641.01	1,640.18	1,642.12	1,654.83	1,653.82	1,651.90	1,650.20	1,648.13	1,650.34
Min	1,646.24	1,642.45	1,641.04	1,640.19	1,638.85	1,638.44	1,640.34	1,651.07	1,650.11	1,648.13	1,646.69	1,644.52
†	3.903	3.127	2.898	2.759	2.549	2.867	5.240	4.792	4.475	4.090	4.093	3.454
††	+109	-299	-85.5	-51.9	-86.8	+119	+916	-167	-122	-144	+1.12	-246

	Calendar Year 2010	Water Year 2011
Mean	1,645.85	1,645.81
Max	1,651.22	1,654.83
Min	1,638.03	1,638.44
††	+1.43	-4.98

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

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

Note: Mean elevations for Apr. 29, 30, May 1-4, computed based on readings at 0800 and on adjacent days.

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