

Water-Data Report 2006

04278000 LAKE GEORGE AT ROGERS ROCK, NY

Richelieu Basin
Lake George Subbasin

LOCATION.--Lat 43°48'28", long 73°27'30" referenced to North American Datum of 1927, Essex County, NY, Hydrologic Unit 02010001, on west shore about 500 ft north of Hooper's dock at Rogers Rock, and 0.4 mi west of Baldwin.

DRAINAGE AREA.--233 mi², at outlet at Ticonderoga.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1913 to current year.

REVISED RECORDS.--WDR NY-87-1: Datum.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to Nov. 4, 1929, nonrecording gages at several sites within a half mile of present site at same datum. Nov. 4, 1929 to Sept. 26, 1936, nonrecording gage at present site and datum.

REMARKS.--Elevation of lake regulated by floodgates at Ticonderoga. Prior to October 1974, lake was regulated by powerplant wheel gate and floodgates. Lake George has been controlled by a dam at its outlet for more than 100 years. Area of water surface is 44 mi². Satellite and telephone gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 321.15 ft, Apr. 9, 1936; minimum elevation, 316.70 ft, Dec. 20, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 320.69 ft, June 29; minimum elevation, 319.00 ft, Mar. 13.

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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	319.33	319.84	319.74	319.44	319.97	319.37	319.32	319.78	319.95	320.54	319.69	319.34
2	319.31	319.79	319.78	319.43	319.94	319.34	319.31	319.79	319.99	320.52	319.68	319.30
3	319.31	319.76	319.74	319.40	319.95	319.32	319.34	319.82	320.01	320.42	319.60	319.30
4	319.31	319.68	319.69	319.43	319.98	319.29	319.44	319.83	320.14	320.38	319.60	319.33
5	319.31	319.66	319.66	319.44	320.08	319.25	319.50	319.82	320.18	320.30	319.56	319.32
6	319.31	319.64	319.62	319.41	320.16	319.21	319.50	319.81	320.15	320.21	319.59	319.31
7	319.30	319.68	319.59	319.41	320.07	319.18	319.48	319.79	320.11	320.15	319.61	319.31
8	319.35	319.59	319.55	319.39	320.01	319.15	319.46	319.80	320.13	320.09	319.52	319.32
9	319.49	319.60	319.56	319.38	319.99	319.13	319.49	319.80	320.12	320.03	319.55	319.30
10	319.55	319.75	319.56	319.36	319.92	319.13	319.53	319.81	320.11	319.98	319.52	319.24
11	319.53	319.73	319.51	319.34	319.86	319.10	319.54	319.81	320.07	319.91	319.48	319.24
12	319.56	319.71	319.44	319.34	319.80	319.09	319.58	319.84	319.99	319.88	319.47	319.25
13	319.58	319.71	319.41	319.34	319.81	319.09	319.59	319.94	319.94	319.92	319.46	319.26
14	319.61	319.68	319.38	319.37	319.77	319.23	319.58	320.01	319.89	319.94	319.47	319.25
15	319.73	319.65	319.36	319.48	319.72	319.26	319.61	320.08	319.86	319.89	319.45	319.26
16	319.80	319.79	319.40	319.54	319.63	319.24	319.61	320.09	319.86	319.87	319.41	319.26
17	319.75	319.87	319.43	319.53	319.72	319.21	319.58	320.10	319.85	319.85	319.40	319.28
18	319.71	319.84	319.40	319.89	319.66	319.20	319.59	320.05	319.83	319.79	319.41	319.29
19	319.68	319.82	319.39	320.31	319.66	319.17	319.61	320.05	319.82	319.74	319.41	319.29
20	319.62	319.79	319.37	320.34	319.62	319.16	319.62	320.10	319.82	319.72	319.43	319.27
21	319.56	319.74	319.32	320.34	319.60	319.16	319.65	320.05	319.78	319.68	319.43	319.25
22	319.50	319.71	319.31	320.30	319.56	319.17	319.67	320.00	319.77	319.69	319.44	319.24
23	319.62	319.72	319.28	320.29	319.53	319.18	319.77	319.94	319.70	319.88	319.38	319.24
24	319.64	319.69	319.24	320.28	319.52	319.19	319.94	319.89	319.72	319.91	319.39	319.26
25	319.66	319.71	319.23	320.22	319.46	319.21	319.96	319.89	319.72	319.88	319.35	319.23
26	319.96	319.65	319.29	320.18	319.46	319.22	319.96	319.86	320.00	319.83	319.35	319.21
27	319.99	319.60	319.33	320.16	319.44	319.23	319.87	319.81	320.41	319.82	319.40	319.20
28	319.96	319.59	319.35	320.10	319.41	319.25	319.85	319.82	320.44	319.81	---	319.21
29	319.92	319.61	319.33	320.02	---	319.26	319.83	319.81	320.52	319.81	---	319.25
30	319.91	319.73	319.38	320.01	---	319.28	319.80	319.82	320.57	319.71	319.35	319.25
31	319.89	---	319.41	319.99	---	319.29	---	319.92	---	319.72	319.34	---
Mean	319.60	319.71	319.45	319.76	319.76	319.21	319.62	319.90	320.01	319.96	---	319.27
Max	319.99	319.87	319.78	320.34	320.16	319.37	319.96	320.10	320.57	320.54	---	319.34
Min	319.30	319.59	319.23	319.34	319.41	319.09	319.31	319.78	319.70	319.68	---	319.20

Calendar Year 2005	
Mean	319.56
Max	320.75
Min	318.79

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