

STREAMS TRIBUTARY TO ST. LAWRENCE RIVER

LAKES AND RESERVOIRS IN STREAMS TRIBUTARY TO ST. LAWRENCE RIVER

04260990 CRANBERRY LAKE AT CRANBERRY LAKE, NY--Lat 44°13'14", long 74°50'55", St. Lawrence County, Hydrologic Unit 04150302, on right wall at outlet structure, at village of Cranberry Lake. **DRAINAGE AREA**, 140 mi². **PERIOD OF RECORD**, April 1923 to current year. **GAGE**, nonrecording gage read daily at 1200 hours. Datum of gage is 1,469.75 ft above NGVD of 1929.

Dam completed in 1867 and controlled storage for which records are available began in 1923. Usable capacity above elevation 1,475.25 ft is 2,530 mil ft³. Crest at spillway is at elevation, 1,486.43 ft. Length of spillway is 110 ft. Area of water surface at crest elevation is 10.9 mi². Records provided by Oswegatchie River-Cranberry Reservoir Commission.

EXTREMES FOR PERIOD OF RECORD--Maximum contents observed, 2,985 mil ft³, May 13-15, 1971, gage height, 18.5 ft; minimum observed, 70 mil ft³, Apr. 1-4, 1956, gage height, 6.0 ft.

EXTREMES FOR CURRENT YEAR--Maximum contents observed, 2,590 mil ft³, May 26, gage height, 17.2 ft; minimum observed, 1,436 mil ft³, Mar. 25, gage height, 12.9 ft.

04278000 LAKE GEORGE AT ROGERS ROCK, NY (see station for daily mean gage heights).

04294500 LAKE CHAMPLAIN AT BURLINGTON, VT (see station for daily mean gage heights).

04295000 RICHELIEU RIVER (LAKE CHAMPLAIN) AT ROUSES POINT, NY (see station for daily mean elevations).

MONTH-END GAGE HEIGHT AND CONTENTS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Gage height (feet) *	Contents (million ft ³)	Change in contents (equivalent in ft ³ /s)
04260990 Cranberry Lake			
Sept. 30	16.0	2,240	
Oct. 31	16.4	2,352	+41.8
Nov. 30	16.2	2,296	-21.6
Dec. 31	14.6	1,866	-161
CAL YR 2003	--	--	+7.42
Jan. 31	13.5	1,580	-107
Feb. 29	13.2	1,508	-28.7
Mar. 31	14.3	1,788	+105
Apr. 30	17.0	2,530	+286
May 31	16.8	2,470	-22.4
June 30	16.5	2,380	-34.7
July 31	16.4	2,352	-10.5
Aug. 31	16.4	2,352	0.0
Sept. 30	14.8	1,918	-167
WTR YR 2004	--	--	-10.2

* Gage heights at 2400 hours, by interpolation.