

04260990 CRANBERRY LAKE AT CRANBERRY LAKE, NY

St. Lawrence Basin
Oswegatchie Subbasin

LOCATION.--Lat 44°13'14", long 74°50'55" referenced to North American Datum of 1927, St. Lawrence County, NY, Hydrologic Unit 04150302, on right wall at outlet structure, at village of Cranberry Lake.

DRAINAGE AREA.--140 mi².

SURFACE-WATER RECORDS

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.

REMARKS.--Dam completed in 1867 and controlled storage for which records are available began in 1923. Usable capacity above gage height 5.5 ft is 2,530 mil ft³. Crest at spillway is at gage height 17.0 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. Gage heights at 2400 hours, by interpolation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 2,980 mil ft³, May 13-15, 1971, gage height, 18.5 ft; minimum contents observed, 70 mil ft³, Apr. 1-4, 1956, gage height, 6.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 2,530 mil ft³, Aug. 10, 11, gage height, 17.0 ft; minimum contents observed, 1,580 mil ft³, Mar. 6-12, gage height, 13.5 ft.

MONTH-END ELEVATION AND CONTENTS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Date	Gage Height (feet) *	Contents (million ft ³)	Change in contents (equivalent in ft ³ /s)
Sept. 30	15.6	2,128	
Oct. 31	15.6	2,128	0.0
Nov. 30	14.8	1,918	-81.0
Dec. 31	15.2	2,022	+38.8
CAL YR 2012	--	--	+2.5
Jan. 31	14.6	1,866	-58.2
Feb. 28	13.7	1,632	-96.7
Mar. 31	14.1	1,736	+38.8
Apr. 30	16.8	2,470	+283
May 31	16.8	2,470	0.0
June 30	16.8	2,470	0.0
July 31	16.6	2,410	-22.4
Aug. 31	16.3	2,324	-32.1
Sept. 30	16.3	2,324	0.0
WTR YR 2013	--	--	+6.2

* Gage heights at 2400 hours, by interpolation.