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 mi^2.

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 ft^3. 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 mi^2. 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 ft^3 (corrected), May 13-15, 1971, gage height, 18.5 ft; minimum contents observed, 70 mil ft^3, Apr. 1-4, 1956, gage height, 6.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 2,890 mil ft^3, Apr. 30, gage height, 18.2 ft; minimum contents observed, 1,580 mil ft^3, Apr. 2, 3, 4, 5, gage height, 13.5 ft.

MONTH-END ELEVATION AND CONTENTS

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Gage Height (feet) *	Contents (million ft^3)	Change in contents (equivalent in ft^3/s)
Sept. 30	16.3	2,324	
Oct. 31	16.8	2,470	+54.5
Nov. 30	15.7	2,156	-121
Dec. 31	15.1	1,996	-59.7
CAL YR 2010	--	--	+9.07
Jan. 31	13.8	1,658	-126
Feb. 28	13.6	1,606	-21.5
Mar. 31	13.6	1,606	0.0
Apr. 30	18.2	2,890	+495
May 31	16.6	2,410	-179
June 30	16.6	2,410	0.0
July 31	16.8	2,470	+22.4
Aug. 31	16.5	2,380	-33.6
Sept. 30	15.9	2,212	-64.8
WTR YR 2011	--	--	-3.55

***** Gage heights at 2400 hours, by interpolation.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 04260990, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/04260990.2011.pdf