



Water-Data Report 2007

**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<sup>2</sup>.

**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 elevation 1,475.25 ft is 2,530 mil ft<sup>3</sup>. 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 mi<sup>2</sup>. Records provided by Oswegatchie River-Cranberry Reservoir Commission. Gage heights at 2400 hours, by interpolation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 2,985 mil ft<sup>3</sup>, May 13-15, 1971, gage height, 18.5 ft; minimum contents observed, 70 mil ft<sup>3</sup>, Apr. 1-4, 1956, gage height, 6.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 2,560 mil ft<sup>3</sup>, May 18, 19, gage height, 17.1 ft; minimum contents observed, 1,484 mil ft<sup>3</sup>, Mar. 12, 13, 14, gage height, 13.1 ft.

**MONTH-END ELEVATION AND CONTENTS**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Gage Height (feet) *	Contents (million ft <sup>3</sup> )	Change in contents (equivalent in ft <sup>3</sup> /s)
<b>Sept. 30</b>	16.4	2,352	
<b>Oct. 31</b>	15.2	2,022	-123
<b>Nov. 30</b>	15.2	2,022	0.0
<b>Dec. 31</b>	15.2	2,022	0.0
<b>CAL YR 2006</b>	--	--	-1.65
<b>Jan. 31</b>	14.4	1,814	-77.6
<b>Feb. 28</b>	13.6	1,606	-86.0
<b>Mar. 31</b>	14.6	1,866	+97.1
<b>Apr. 30</b>	16.5	2,380	+198
<b>May 31</b>	16.5	2,380	0.0
<b>June 30</b>	16.2	2,296	-32.4
<b>July 31</b>	16.5	2,380	+31.4
<b>Aug. 31</b>	15.8	2,184	-73.2
<b>Sept. 30</b>	15.1	1,996	-72.5
<b>WTR YR 2007</b>	--	--	-11.3

\* Gage heights at 2400 hours, by interpolation.