

Water-Data Report 2011

**01335900 DELTA RESERVOIR NEAR ROME, NY**

Upper Hudson Basin  
Mohawk Subbasin

LOCATION.--Lat 43°16'29", long 75°25'43" referenced to North American Datum of 1927, Oneida County, NY, Hydrologic Unit 02020004, on superstructure of gatehouse at Delta Dam on Mohawk River, and 4 mi upstream from Rome.

DRAINAGE AREA.--148 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

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

REVISED RECORDS.--WDR NY-85-1: Drainage area.

GAGE.--Nonrecording gage read daily at 0800. Datum of gage is Barge Canal datum.

REMARKS.--Dam completed Aug. 3, 1912, and controlled storage for which records are available began May 1, 1913. Usable capacity 2,800 mil ft<sup>3</sup> at crest of spillway, elevation 550.0 ft. Reservoir is used for navigation in Barge Canal. Records provided by New York State Thruway Authority. Elevation at 2400 hours by interpolation.

EXTREMES FOR PERIOD OF RECORD.--(1951 to current year)--Maximum contents observed, 3,136 mil ft<sup>3</sup>, June 22, 1972, Apr. 17, 1994, Jan. 9, 1998, elevation, 552.8 ft; minimum contents observed, 2.0 mil ft<sup>3</sup>, Jan. 10, 13, 16-21, Feb. 7-15, Feb. 22 to Mar. 2, 1959, elevation, 492.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 3,076 mil ft<sup>3</sup>, Apr. 28, elevation, 552.3 ft; minimum contents observed, 1,201 mil ft<sup>3</sup>, Feb. 16, elevation, 533.3 ft.

**MONTH-END ELEVATION AND CONTENTS**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Elevation (feet) *	Contents (million ft <sup>3</sup> )	Change in contents (equivalent in ft <sup>3</sup> /s)
<b>Sept. 30</b>	549.9	2,788	
<b>Oct. 31</b>	548.7	2,647	-52.6
<b>Nov. 30</b>	536.2	1,426	-471
<b>Dec. 31</b>	535.7	1,386	-14.9
<b>CAL YR 2010</b>	--	--	-8.4
<b>Jan. 31</b>	534.4	1,282	-38.8
<b>Feb. 28</b>	534.4	1,282	0.0
<b>Mar. 31</b>	550.1	2,812	+571
<b>Apr. 30</b>	551.1	2,932	+46.3
<b>May 31</b>	550.6	2,872	-22.4
<b>June 30</b>	550.7	2,884	+4.6
<b>July 31</b>	549.1	2,692	-71.7
<b>Aug. 31</b>	546.6	2,416	-103
<b>Sept. 30</b>	549.5	2,740	+125
<b>WTR YR 2011</b>	--	--	-1.5

\* Elevation at 2400 hours by interpolation.