



Water-Data Report 2009

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 mi².

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 ft³ 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 ft³, June 22, 1972, Apr. 17, 1994, Jan. 9, 1998, elevation, 552.8 ft; minimum contents observed, 2.0 mil ft³, 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, 3,040 mil ft³, Apr. 4, elevation, 552.0 ft; minimum contents observed, 1,173 mil ft³, Feb. 11, elevation, 532.9 ft.

MONTH-END ELEVATION AND CONTENTS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Elevation (feet) *	Contents (million ft ³)	Change in contents (equivalent in ft ³ /s)
Sept. 30	546.1	2,361	
Oct. 31	546.0	2,350	-4.1
Nov. 30	543.7	2,110	-92.6
Dec. 31	543.3	2,070	-14.9
CAL YR 2008	--	--	-3.8
Jan. 31	533.4	1,208	-322
Feb. 28	535.8	1,394	+76.9
Mar. 31	551.2	2,944	+579
Apr. 30	550.5	2,860	-32.4
May 31	550.5	2,860	0.0
June 30	550.2	2,824	-13.9
July 31	549.2	2,704	-44.8
Aug. 31	547.8	2,548	-58.2
Sept. 30	546.3	2,383	-63.7
WTR YR 2009	--	--	+0.7

* Elevation at 2400 hours by interpolation.