



Water-Data Report 2007

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, 3,076 mil ft³, Nov. 17, elevation, 552.3 ft; minimum contents observed, 1,418 mil ft³, Dec. 22, elevation, 536.1 ft.

MONTH-END ELEVATION AND CONTENTS			
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007			
Date	Elevation (feet) *	Contents (million ft³)	Change in contents (equivalent in ft³/s)
Sept. 30	549.9	2,788	
Oct. 31	551.1	2,932	+53.8
Nov. 30	547.9	2,559	-144
Dec. 31	538.7	1,633	-346
CAL YR 2006	--	--	-15.8
Jan. 31	538.7	1,633	0.0
Feb. 28	537.3	1,514	-49.2
Mar. 31	551.2	2,944	+534
Apr. 30	550.7	2,884	-23.1
May 31	548.6	2,636	-92.6
June 30	546.1	2,361	-106
July 31	543.7	2,110	-93.7
Aug. 31	540.1	1,759	-131
Sept. 30	537.6	1,538	-85.3
WTR YR 2007	--	--	-39.6

* Elevation at 2400 hours by interpolation.