

Water-Data Report 2012

01435900 NEVERSINK RESERVOIR NEAR NEVERSINK, NY

Upper Delaware Basin
Middle Delaware-Mongaup-Brodhead Subbasin

LOCATION.--Lat 41°49'27", long 74°38'20" referenced to North American Datum of 1927, Sullivan County, NY, Hydrologic Unit 02040104, at a gatehouse at Neversink Dam on Neversink River, and 2 mi southwest of Neversink.

DRAINAGE AREA.--92.5 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1953 to current year.

REVISED RECORDS.--WDR NY-85-1: Drainage area. WDR NY-82-1: 1976 and 1977-Diversion.

GAGE.--Nonrecording gage. Datum of gage is NGVD of 1929 (levels by Board of Water Supply, City of New York).

REMARKS.--Reservoir is formed by an earthfill rockfaced dam. Storage began June 2, 1953. Usable capacity 34,941 mil gal between minimum operating level, elevation 1,319.0 ft, and crest of spillway, elevation 1,440.0 ft. Capacity at crest of spillway 37,146 mil gal; at minimum operating level, 2,205 mil gal; dead storage below diversion sill and outlet sill, elevation 1,314.0 ft, 1,680 mil gal. Figures given herein represent total contents. Reservoir impounds water for diversion (01435800) through Neversink-Grahamsville Tunnel to Rondout Reservoir on Rondout Creek, in Hudson River basin, for water supply of City of New York; for release during periods of low flow in the lower Delaware River basin, as directed by the Delaware River Master; and for conservation release. No diversion prior to Dec. 3, 1953. Records provided by New York City Department of Environmental Protection. Elevation is an instantaneous reading on first day of following month.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 38,983 mil gal, Apr. 3, 2005, elevation, 1,443.66 ft; minimum contents observed (after first filling), 1,985 mil gal, Nov. 25, 1964, elevation, 1,316.98 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 37,499 mil gal, Jan. 28, elevation, 1,440.71 ft; minimum contents observed, 25,380 mil gal, Sept. 18, elevation, 1,413.47 ft.

MONTH-END ELEVATION AND CONTENTS, AND MONTHLY DIVERSION
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Date	Elevation (feet) *	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)	01435800 Monthly Diversion (in ft ³ /s)
Sept. 30	1440.60	37,444		
Oct. 31	1439.32	36,811	-31.6	23.1
Nov. 30	1436.45	35,416	-71.9	134
Dec. 31	1440.27	37,280	+93.0	0.0
CAL YR 2011	--	--	+22.5	151
Jan. 31	1440.27	37,280	0.0	0.0
Feb. 29	1434.23	34,360	-156	127
Mar. 31	1433.23	33,891	-23.4	185
Apr. 30	1432.03	33,332	-28.8	161
May 31	1440.04	37,166	+191	188
June 30	1432.79	33,685	-180	300
July 31	1417.48	26,998	-334	331
Aug. 31	1414.07	25,618	-68.9	26.0
Sept. 30	1430.20	32,492	+354	6.6
WTR YR 2012	--	--	-20.9	123

* Elevation is an instantaneous reading on first day of following month.