



Water-Data Report NY-2005

01435900 NEVERSINK RESERVOIR NEAR NEVERSINK, NY

Middle Delaware - Mongaup - Brodhead Watershed

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

DRAINAGE AREA.--92.5 mi².

WATER-STAGE 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 read daily at 0900. 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 at daily 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 observed (after first filling), 1,985 mil gal, Nov. 25, 1964, elevation, 1,316.98 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 38,983 mil gal, Apr. 3, elevation, 1,443.66 ft; minimum observed, 20,802 mil gal, Sept. 30, elevation, 1,401.30 ft.

MONTH-END ELEVATION AND CONTENTS, AND MONTHLY DIVERSION

WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet) *	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)	01435800 Monthly Diversion (in ft ³ /s)
Sept. 30	1439.65	36,974		
Oct. 31	1434.92	34,686	-114	311
Nov. 30	1432.24	33,429	-64.8	315
Dec. 31	1434.23	34,360	+46.5	426
CAL YR 2004	--	--	-11.0	251
Jan. 31	1440.22	37,256	+145	33.9
Feb. 28	1440.24	37,266	+0.6	0.0
Mar. 31	1440.66	37,474	+10.4	0.0
Apr. 30	1440.19	37,241	-12.0	203
May 31	1438.81	36,560	-34.0	120
June 30	1437.05	35,704	-44.1	6.2
July 31	1415.41	26,156	-477	519
Aug. 31	1412.66	25,059	-54.8	0.0
Sept. 30	1400.25	20,430	-239	182
WTR YR 2005	--	--	-70.1	178

* Elevation at daily reading on first day of following month.