01511000 WHITNEY POINT LAKE AT WHITNEY POINT, NY

Upper Susquehanna Basin
Chenango Subbasin

LOCATION.--Lat 42°20′34″, long 75°57′57″ referenced to North American Datum of 1927, Broome County, NY, Hydrologic Unit 02050102, on left bank at control-gate structure for Whitney Point Dam on Otselic River, 0.3 mi upstream from spillway, 0.9 mi upstream from mouth, and 1.0 mi north of Whitney Point.

DRAINAGE AREA.--257 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1942 to September 1985 (daily mean elevations and month-end contents), October 1985 to current year (month-end elevations and contents).

REVISED RECORDS.--WSP 2103: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Corps of Engineers). Prior to October 1970, published as "Whitney Point Reservoir at Whitney Point."

COOPERATION.--Capacity table furnished by Corps of Engineers.

REMARKS.--Lake is formed by earthfill dam with concrete spillway, completed by Corps of Engineers in 1942 for flood control; first used for flood regulation on Mar. 9, 1942. Usable capacity 86,440 acre-ft between elevations 950.0 ft (sill of gates) and 1,010.0 ft (crest of spillway). Dead storage, 28 acre-ft. Figures given herein represent total contents. Discharge is controlled by operation of three gates. Water is stored during high flows and released when downstream conditions warrant. Lake is for flood control and recreation. Telephone and satellite gage-height and precipitation telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 73,560 acre-ft, Apr. 5, 2005, elevation 1,005.76 ft; minimum contents, 36 acre-ft, Sept. 2, 3, 4, 1953, elevation 950.4 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 25,558 acre-ft, July 3, elevation 982.15 ft; minimum contents, 7,074 acre-ft, Oct. 13, elevation, 967.87 ft.

MONTH-END ELEVATION AND CONTENTS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (equivalent in ft^3/s)
Sep. 30	971.15	10,520	--
Oct. 31	972.01	11,497	+15.9
Nov. 30	973.12	12,837	+22.5
Dec. 31	973.10	12,812	-0.4
CAL YR 2012	--	--	+0.3
Jan. 31	978.17	19,625	+110.8
Feb. 28	973.19	12,926	-120.6
Mar. 31	973.28	13,041	+1.9
Apr. 30	973.55	13,383	+5.7
May 31	973.07	12,774	-9.9
Jun. 30	973.59	13,434	+11.1
Jul. 31	973.22	12,964	-7.6
Aug. 31	973.28	13,041	+1.3
Sep. 30	973.05	12,748	-4.9
WTR YR 2013	--	--	+3.1

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 01511000, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/01511000.2013.pdf