

TOHICKON CREEK BASIN

01459350 NOCKAMIXON RESERVOIR NEAR OTTSVILLE, PA

LOCATION.--Lat 40°28'13", long 75°11'10", Bucks County, Hydrologic Unit 02040105, at dam on Tohickon Creek, 6.2 mi upstream from gaging station on Tohickon Creek, 1.3 mi east of Ottsville, and 2.9 mi upstream from Mink Run.

DRAINAGE AREA.-- 73.3 mi².

PERIOD OF RECORD.--October 2003 to current year. December 1973 to September 2000.

GAGE.--Nonrecording gage. Datum of gage is sea level (levels by Pennsylvania Department of Environmental Protection).

REMARKS.--Reservoir formed by earthfill dam with concrete spillway at elevation 395.0 ft. Storage began December 1973. Total capacity is 66,500 acre-ft at elevation 410 ft. Reservoir is used primarily for recreation, but can be used for water supply and flood control.

COOPERATION.--Records furnished by Pennsylvania Department of Environmental Protection.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 45,390 acre-ft, Sept. 17, 1999, elevation, 398.50 ft; minimum contents (after first filling), 15,900 acre-ft, around Dec. 31, 1975, elevation, 372.78 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 43,690 acre-ft, Sept. 30, elevation, 397.40 ft; minimum contents, 39,920 acre-ft, June 30, elevation, 394.80 ft.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Elevation (feet)	Contents (acre- feet)	Change in contents (equivalent in ft ³ /s)
Sept. 30	395.84	41,370	---
Oct. 31	395.80	41,320	-1.6
Nov. 30	^a 395.20	40,480	-13.4
Dec. 31	395.10	40,340	-3.3
Jan. 31	^b 395.20	40,480	+3.3
Feb. 29	^b 395.20	40,480	0
Mar. 31	395.28	40,590	+1.6
Apr. 30	395.20	40,480	-1.7
May 31	395.00	40,200	-4.9
June 30	394.80	39,920	-5.0
July 31	395.20	40,480	+9.8
Aug. 31	395.04	40,260	-3.3
Sept. 30	397.40	43,690	+57.1
WTR YR 2004	--	--	+3.2

a Estimated. No reading.

b Estimated. Ice cover on reservoir.