



Water-Data Report 2013

01534490 AYLESWORTH CREEK LAKE AT JERMYN, PA

Upper Susquehanna Basin
Upper Susquehanna-Lackawanna Subbasin

LOCATION.--Lat 41°31'20", long 75°31'48" referenced to North American Datum of 1927, Lackawanna County, PA, Hydrologic Unit 02050107, at right end of Aylesworth Creek Dam at Jermyn, PA, 0.9 mile upstream from mouth, and 1 mile southeast of Jermyn, PA.

DRAINAGE AREA.--6.20 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 9, 1970 to current.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is U.S. Army Corps of Engineers local project datum. Satellite telemetry at station.

COOPERATION.--Station established and maintained by the U.S. Geological Survey. . Funding for this station is provided by the U.S. Army Corps of Engineers, Baltimore District.

REMARKS.--Reservoir is formed by an earth and rockfill dam with an ungated spillway at 1,150 ft above mean sea level (capacity, 1,700 acre-feet). The dam has a maximum height of 90 ft above the streambed and a top length of 1,270 ft. The outlet conduit is uncontrolled and consists of a 490-foot-long, 36-inch diameter vitrified clay pipe encased in reinforced concrete. Storage began in October 1970. Reservoir is used for flood control and recreation.

EXTREMES FOR PERIOD OF RECORD.--(Corps of Engineers Records). Maximum contents, 1,190 acre-feet, June 28, 2006, elevation, 1,141.70 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 165 acre-ft, June 28, elevation 1,117.08 ft; minimum, 59 acre-ft, on June 5, elevation, 1,107.53 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Date	Elevation, in ft	Contents, in acre-ft	Change in contents, in ft ³ /s
Sep 30	1,108.10	63	
Oct 31	1,108.82	69	+0.1
Nov 30	1,108.14	63	-0.1
Dec 31	1,108.26	64	0.0
CAL YR 2012			0.0
Jan 31	1,108.82	69	+0.1
Feb 28	1,108.31	64	-0.1
Mar 31	1,108.23	64	0.0
Apr 30	1,108.21	64	0.0
May 31	1,108.25	64	0.0
Jun 30	1,108.96	70	+0.1
Jul 31	1,108.00	62	-0.1
Aug 31	1,108.02	62	0.0
Sep 30	1,107.99	62	0.0
WTR YR 2013			0.0