



Water-Data Report 2012

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 Jermyrn, PA, 0.9 mile upstream from mouth, and 1 mile southeast of Jermyrn, 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 in cooperation with 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, 83 acre-ft, May 15, elevation 1,010.38 ft; minimum, 62 acre-ft, on many days elevation, 1,108.02 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Date	Elevation, in ft	Contents, in acre-ft	Change in contents, in ft ³ /s
Sep 30	1,108.93	69	
Oct 31	1,108.43	65	-0.1
Nov 30	1,108.83	69	+0.1
Dec 31	1,108.45	66	0.0
CAL YR 2011			0.0
Jan 31	1,108.50	66	0.0
Feb 29	1,108.23	64	0.0
Mar 31	1,108.23	64	0.0
Apr 30	1,108.38	65	0.0
May 31	1,108.16	63	0.0
Jun 30	1,108.05	62	0.0
Jul 31	1,108.06	62	0.0
Aug 31	1,108.03	62	0.0
Sep 30	1,108.10	63	0.0
WTR YR 2012			0.0