



Water-Data Report 2013

**01534180 STILLWATER LAKE NEAR FOREST CITY, PA**

Upper Susquehanna Basin  
Upper Susquehanna-Lackawanna Subbasin

LOCATION.--Lat 41°41'46", long 75°29'10" referenced to North American Datum of 1927, Susquehanna County, PA, Hydrologic Unit 02050107, at Stillwater Dam on Lackawanna River, 0.3 mi downstream from confluence of East and West Branches, 1.4 mi south of Union Dale, and 3.5 mi north of Forest City.

DRAINAGE AREA.--37.1 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--December 1959 to current year.

GAGE.--Water-stage recorder. Datum of gage is U.S. Army Corps of Engineers local project datum. Prior to water year 2007, the datum was incorrectly reported as NGVD 1929. Satellite and landline telemetry at station.

COOPERATION.--Content tables provided by U.S. Army Corps of Engineers. 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 formed by an earthfill dam, rock faced, with ungated concrete spillway at elevation 1,621.00 ft (capacity, 11,560 acre-ft). Storage began December 1959. Reservoir is used for flood control and municipal water supply. Figures given herein represent total contents. Flood storage is regulated by power-operated slide gate; water supply storage is regulated by a weir formed by stop-logs.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 10,700 acre-ft, Apr 2, 1993, elevation, 1,617.84 ft; minimum, 173 acre-ft, Jun 21, 1993, elevation, 1,569.69 ft; minimum elevation, 1,568.85 ft, Sep 10, 1960.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 2,880 acre-ft, Jun 28, elevation, 1,591.83 ft; minimum, 307 acre-ft, June 6, elevation, 1,572.84 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 <sup>3</sup> /s
Sep 30	1,573.29	341	
Oct 31	1,577.63	740	+6.5
Nov 30	1,573.15	330	-6.9
Dec 31	1,573.91	388	+0.9
CAL YR 2012			0.0
Jan 31	1,583.93	1,560	+19.1
Feb 28	1,573.69	371	-21.4
Mar 31	1,573.67	370	0.0
Apr 30	1,573.36	346	-0.4
May 31	1,574.29	421	+1.2
Jun 30	1,583.36	1,480	+17.8
Jul 31	1,573.16	331	-18.7
Aug 31	1,574.14	407	+1.2
Sep 30	1,573.33	344	-1.1
WTR YR 2013			0.0