

Water-Data Report 2013

01449790 BELTZVILLE LAKE NEAR PARRYVILLE, PA

Upper Delaware Basin
Lehigh Subbasin

LOCATION.--Lat 40°50'56", long 75°38'19" referenced to North American Datum of 1927, Carbon County, PA, Hydrologic Unit 02040106, at dam on Pohopoco Creek, 0.4 mi upstream from gaging station on Pohopoco Creek, 0.6 mi upstream from Sawmill Run, and 2.3 mi northeast of Parryville.

DRAINAGE AREA.--96.3 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 1971 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is sea level. U.S. Army Corps of Engineers datum. 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 in cooperation with the U. S. Army Corps of Engineers, Philadelphia District.

REMARKS.--Lake formed by an earth and rockfill dam with ungated, partially lined spillway at an elevation of 651.00 ft. Storage began Feb. 8, 1971. Capacity at elevation 651.00 ft is 68,300 acre-ft. Ordinary minimum contents (conservation) pool elevation is 628.00 ft, capacity, 44,140 acre-ft. Dead storage is 1,390 acre-ft. Lake is used for recreation, flood control, low-flow augmentation, and water supply. Figures given herein represent total contents. Regulation is accomplished by a multi-level water-quality outlet system, and two flood-control gates.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 57,430 acre-ft, Mar 13, 2011, maximum elevation, 640.76 ft, June 29, 2006; minimum contents, 15,110 acre-ft, Mar 31, 1983, elevation, 588.79 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 47,000 acre-ft, Dec 26, elevation, 630.49 ft; minimum contents, 43,480 acre-ft, Oct 29, elevation, 627.38 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	627.98	44,120	
Oct 31	627.93	44,060	-1.0
Nov 30	628.02	44,160	+1.7
Dec 31	628.12	44,270	+1.8
CAL YR 2012			-0.1
Jan 31	628.84	45,090	+13.3
Feb 28	628.05	44,190	-16.2
Mar 31	628.08	44,230	+0.7
Apr 30	628.07	44,220	+74.6
May 31	628.06	44,200	-0.3
Jun 30	628.84	45,090	+15.0
Jul 31	628.01	44,150	-15.3
Aug 31	628.33	44,510	+5.9
Sep 30	627.97	44,100	-6.9
WTR YR 2013			0.0