



Water-Data Report 2013

01449700 WILD CREEK RESERVOIR NEAR TRACHSVILLE, PA

Upper Delaware Basin
Lehigh Subbasin

LOCATION.--Lat 40°53'50", long 75°33'50" referenced to North American Datum of 1927, Carbon County, PA, Hydrologic Unit 02040106, at dam on Wild Creek, 1.6 mi upstream from mouth, 2.4 mi south of hatchery, and 7.5 mi northeast of Palmerton.

DRAINAGE AREA.--22.2 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1941 to current year.

GAGE.--Non-recording gage. Datum of gage is sea level (levels by City of Bethlehem).

COOPERATION.--Records provided by city of Bethlehem.

REMARKS.--Reservoir formed by earth fill dam with concrete ungated spillway at elevation 820.00 ft. Storage began January 27, 1941; reservoir first reached minimum contents pool elevation in February 1941. Total capacity at elevation 820.00 ft is 12,500 acre-ft of which 12,000 acre-ft is controlled storage. Reservoir is used for municipal water supply. Regulation by valves on pipe through dam. Figures given herein represent total contents and include diversion since October 1969 from Tunkhannock Creek Basin to Wild Creek Basin. Prior to October 1, 2007 the content figures do not include the 500 acre-feet of dead storage.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 13,390 acre-ft, May 23, 1942, elevation, 822.93 ft; minimum contents (after first filling), 2,680 acre-ft, Nov 15, 1966, elevation, 774.10 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 12,790 acre-ft, July 2, elevation, 820.98 ft; minimum contents, 12,520 acre-ft, June 6 and Aug 26, elevation 820.06 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	820.29	12,590	
Oct 31	820.58	12,670	+1.3
Nov 30	820.21	12,560	-1.8
Dec 31	820.28	12,580	+0.3
CAL YR 2012			-0.1
Jan 31	820.39	12,620	+0.7
Feb 28	820.25	12,570	-0.9
Mar 31	820.19	12,560	-0.2
Apr 30	820.29	12,590	+0.5
May 31	820.13	12,540	-0.8
Jun 30	820.51	12,650	+1.8
Jul 31	820.16	12,550	-1.6
Aug 31	820.17	12,550	0.0
Sep 30	820.12	12,540	-0.2
WTR YR 2013			-0.1