



Water-Data Report 2013

03042260 YELLOW CREEK LAKE NEAR BRUSH VALLEY, PA

Allegheny Basin
Conemaugh Subbasin

LOCATION.--Lat 40°35'27", long 79°03'11" referenced to North American Datum of 1927, Indiana County, PA, Hydrologic Unit 05010007, in gatehouse at right end of dam on Yellow Creek, at Yellow Creek State Park, and 3 mi southwest of town of Penn Run.

DRAINAGE AREA.--52.5 mi².

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder. Elevations referenced to National Geodetic Vertical Datum of 1929 (Pennsylvania Department of Environmental Protection bench mark).

COOPERATION.--Dam built by Pennsylvania Department of Forests and Waters and now maintained by Pennsylvania Department of Conservation and Natural Resources. Funding for the operation of this station is provided by the Pennsylvania Department of Environmental Protection and the U.S. Geological Survey through the Cooperative Water Program.

REMARKS.--Lake is formed by an earthfill dam with concrete spillway. Storage began July 11, 1971. Usable capacity, 13,800 acre-ft between elevation 1,245.5 ft, sill of 4-foot and 1.5-foot outlet gates, and 1,280.00 ft (spillway crest). No dead storage. Figures given herein represent usable contents. Lake is used for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 24,100 acre-ft, Jul 20, 1977, elevation, 1,290.29 ft; minimum (after first filling), 2,810 acre-ft, Apr 14, 1975, elevation, 1,261.47 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 15,290 acre-ft, Jan 31, elevation, 1,281.65 ft; minimum, 11,540 acre-ft, Oct 28, 29, elevation, 1,277.25 ft.

MONTHEND ELEVATION ABOVE SEA LEVEL, 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	1,278.22	12,280	
Oct 31	1,280.66	14,390	+34.0
Nov 30	1,279.42	13,280	-19.0
Dec 31	1,279.90	13,710	-7.0
CAL YR 2012			-0.8
Jan 31	1,281.60	15,240	+25.0
Feb 28	1,280.03	13,830	-25.0
Mar 31	1,280.02	13,820	-0.2
Apr 30	1,279.65	13,490	-5.5
May 31	1,279.42	13,280	-3.4
Jun 30	1,280.18	13,960	+11.0
Jul 31	1,279.39	13,250	-12.0
Aug 31	1,279.39	13,250	0.0
Sep 30	1,279.28	13,150	-1.6
WTR YR 2013			+1.2