



Water-Data Report 2013

**01543900 FIRST FORK SINNEMAHONING CREEK RESERVOIR NEAR SINNEMAHONING, PA**

West Branch Susquehanna Basin  
Sinnemahoning Subbasin

LOCATION.--Lat 41°24'25", long 78°01'10" referenced to North American Datum of 1927, Cameron County, PA, Hydrologic Unit 02050202, at control tower of George B. Stevenson Dam on First Fork Sinnemahoning Creek, 8.0 mi northeast of Sinnemahoning, and 8.0 mi upstream from mouth.

DRAINAGE AREA.--243 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--January 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level. Satellite and landline telemetry at station.

COOPERATION.--Content tables provided by Pennsylvania Department of Conservation and Natural Resources. 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, the Pennsylvania Department of Environmental Protection and the U.S. Geological Survey through the Cooperative Water Program.

REMARKS.--Reservoir is formed by an earthfill dam. Storage began Jan 31, 1956. Capacity, 75,800 acre-ft between elevations 890.00 ft (sill of outlet gates) and 1,026.00 ft (crest of spillway). No dead storage. Ordinary minimum (conservation) pool elevation is 920.00 ft, capacity, 2,000 acre-ft. Reservoir is used for flood control and recreation. Figures given herein represent total contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 62,030 acre-ft, Jun 26, 1972, elevation, 1,015.87 ft; minimum, (after first filling), 37 acre-ft many days in Oct 1973, elevation, 891.84 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 15,270 acre-ft, Mar 20, elevation, 960.11 ft; minimum, 2,250 acre-ft, Dec 20, elevation, 920.84 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	921.62	2,360	
Oct 31	921.58	2,360	0.0
Nov 30	921.70	2,370	+0.2
Dec 31	921.76	2,380	+0.2
CAL YR 2012			+0.0
Jan 31	931.60	4,220	+29.9
Feb 28	921.69	2,370	-33.3
Mar 31	923.58	2,640	+4.4
Apr 30	921.80	2,380	-4.4
May 31	921.93	2,390	+0.2
Jun 30	921.61	2,360	-0.5
Jul 31	921.64	2,360	0.0
Aug 31	921.64	2,360	0.0
Sep 30	921.65	2,370	+0.2
WTR YR 2013			0.0