



Water-Data Report 2006

**01541180 CURWENSVILLE LAKE, PA**

West Branch Susquehanna Basin  
Upper West Branch Susquehanna Subbasin

LOCATION.--Lat 40°57'13", long 78°31'40" referenced to North American Datum of 1927, Clearfield County, PA, Hydrologic Unit 02050201, at Curwensville Dam on West Branch Susquehanna River, 0.7 mi upstream from State Highway 453, 1.2 mi south of Curwensville, and 2.5 mi upstream from Anderson Creek.

DRAINAGE AREA.--365 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--November 1965 to current year.

GAGE.--Water-stage recorder. 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, Baltimore District.

REMARKS.--Reservoir formed by earthfill dam with excavated chute spillway and concrete control sill at elevation 1,228.00 ft. Storage began in November 1965. Capacity at elevation 1,228.00 ft is 124,200 acre-ft. Conservation pool elevation is 1,155.00 ft, capacity, 4,870 acre-ft. Reservoir is used for flood control, recreation and study of water quality. Figures given herein represent total contents. Flow regulated by three gates and low-flow bypass system.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 87,650 acre-ft, Jun 25, 1972, elevation, 1,214.11 ft; minimum, 252 acre-ft, Nov 6, 1968, elevation, 1,136.70 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 14,780 acre-ft, Nov 30, elevation, 1,167.87 ft; minimum, 9,190 acre-ft, Jan 22, elevation, 1,161.54 ft.

MONTHEND ELEVATION ABOVE SEA LEVEL, AND CONTENTS AT 2400 HOURS  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Date	Elevation, in ft	Contents, in acre-ft	Change in contents, in ft <sup>3</sup> /s
Sep 30	1,162.41	9,880	
Oct 31	1,162.12	9,640	-3.9
Nov 30	1,167.66	14,600	+83.4
Dec 31	1,162.34	9,820	-77.7
CAL YR 2005			+0.1
Jan 31	1,162.28	9,770	-0.8
Feb 28	1,161.87	9,440	-5.9
Mar 31	1,162.05	9,580	+2.3
Apr 30	1,162.09	9,610	+0.5
May 31	1,162.23	9,730	+2.0
Jun 30	1,162.23	9,730	0
Jul 31	1,162.39	9,860	+2.1
Aug 31	1,162.05	9,580	-4.6
Sep 30	1,162.22	9,720	+2.4
WTR YR 2006			-0.2