

01563100 RAYSTOWN LAKE NEAR HUNTINGDON, PA

Lower Susquehanna Basin
Raystown Subbasin

LOCATION.--Lat 40°26'06", long 78°00'25" referenced to North American Datum of 1927, Huntingdon County, PA, Hydrologic Unit 02050303, at Raystown Dam on Raystown Branch Juniata River, 3.5 mi south of Huntingdon, and 5.7 mi upstream from mouth.

DRAINAGE AREA.--959 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is U.S. Army Corps of Engineers local project datum. Prior to water year 2007, the datum was incorrectly reported as NGVD 1929. Satellite telemetry at station.

COOPERATION.--Station established and maintained by the U.S. Geological Survey. Funding for this station provided by the U.S. Army Corps of Engineers, Baltimore District.

REMARKS.--Reservoir is formed by earthfill dam with a gated spillway in right abutment at elevation 768.6 ft (capacity, 383,500 acre-ft), and an ungated spillway separate from embankment at elevation 812.0 ft (capacity, 762,000 acre-ft). Storage began November 1972. Conservation pool elevation is 786.0 ft, capacity 514,000 acre-ft. Lake is used for flood control, low-flow augmentation, and recreation. Figures given herein represent total contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 667,010 acre-ft, Apr. 3, 1993, elevation, 802.89 ft; minimum, 2,240 acre-ft, March 2, 1973, elevation, 628.80 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 541,200 acre-ft, Oct 31, elevation, 789.20 ft; minimum, 510,100 acre-ft, Dec 9, elevation, 785.55 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	786.58	518,900	
Oct 31	788.94	539,000	+327
Nov 30	785.93	513,400	-430
Dec 31	786.33	516,800	+55.3
CAL YR 2012			-7.4
Jan 31	787.23	524,500	+125
Feb 28	786.38	517,200	-131
Mar 31	786.71	520,000	+45.5
Apr 30	786.25	516,100	-65.5
May 31	786.62	519,300	+52.0
Jun 30	786.59	519,000	-5.0
Jul 31	786.47	518,000	-16.3
Aug 31	786.52	518,400	+6.5
Sep 30	785.88	513,000	-90.8
WTR YR 2013			-8.1