

JUNIATA RIVER BASIN

01563100 RAYSTOWN LAKE NEAR HUNTINGDON, PA

LOCATION.--Lat 40°26'06", long 78°00'25", Huntingdon County, 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.

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

GAGE.--Water-stage recorder. Datum is given in feet above National Geodetic Vertical Datum of 1929 (levels by U.S. Army Corps of Engineers).

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. Satellite telemetry at station.

COOPERATION.--Records provided by the U.S. Army Corps of Engineers.

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, 656,300 acre-ft, Sept. 20, elevation, 801.81 ft; minimum, 511,500 acre-ft, Mar. 6, elevation, 785.71 ft.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Elevation (feet)	Contents (acre- feet)	Change in contents (equivalent in ft ³ /s)
Sept. 30	786.61	519,200	---
Oct. 31	786.56	518,800	-6.5
Nov. 30	786.75	520,400	+26.9
Dec. 31	786.30	516,500	-63.4
CAL YR 2003	--	--	+2.6
Jan. 31	786.13	515,100	-22.8
Feb. 29	786.04	514,300	-13.9
Mar. 31	786.35	517,000	+43.9
Apr. 30	786.69	519,900	+48.7
May 31	786.38	517,200	-43.9
June 30	786.40	517,400	+3.4
July 31	786.63	519,400	+32.5
Aug. 31	786.30	516,500	-47.2
Sept. 30	786.82	521,000	+75.6
WTR YR 2004	--	--	+2.5