

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, 530,000 acre-ft, Mar. 30, elevation, 787.88 ft; minimum, 502,700 acre-ft, Sept. 30, elevation, 784.69 ft.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre- feet)	Change in contents (equivalent in ft ³ /s)
Sept. 30	786.82	521,000	---
Oct. 31	786.45	517,800	-52.0
Nov. 30	786.27	516,300	-25.2
Dec. 31	786.41	517,500	+19.5
CAL YR 2004	--	--	+1.4
Jan. 31	786.15	515,300	-35.8
Feb. 28	786.25	516,100	+14.4
Mar. 31	786.30	516,500	+6.5
Apr. 30	786.38	517,200	+11.8
May 31	786.69	519,900	+43.9
June 30	786.53	518,500	-23.5
July 31	786.38	517,200	-21.1
Aug. 31	785.71	511,500	-92.7
Sept. 30	784.69	502,700	-148
WTR YR 2005	--	--	-25.3