

**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 mi<sup>2</sup>.

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

**GAGE.**--Water-stage recorder. Datum is given in feet above sea level (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, 531,000 acre-ft, Mar. 23, elevation, 788.04 ft; minimum, 490,000 acre-ft, Feb. 12, elevation, 783.14 ft.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre- feet)	Change in contents (equivalent in ft <sup>3</sup> /s)
Sept. 30 .....	784.25	498,940	---
Oct. 31 .....	784.06	497,310	-27
Nov. 30 .....	784.49	500,970	+62
Dec. 31 .....	785.49	509,560	+140
CAL YR 1999 .....	--	--	+105
Jan. 31 .....	783.92	496,130	-218
Feb. 29 .....	787.28	524,970	+501
Mar. 31 .....	786.82	520,970	-65
Apr. 30 .....	786.83	521,060	+1.5
May 31 .....	786.59	519,020	-33
June 30 .....	786.56	518,760	-4.4
July 31 .....	786.53	518,510	-4.1
Aug. 31 .....	786.46	517,910	-9.8
Sept. 30 .....	786.17	515,450	-41
WTR YR 2000 .....	--	--	+23