

**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, 525,000 acre-ft, Mar. 22, elevation, 787.33 ft; minimum, 487,000 acre-ft, Jan. 30, elevation, 782.78 ft.

**MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001**

Date	Elevation (feet)	Contents (acre- feet)	Change in contents (equivalent in ft <sup>3</sup> /s)
Sept. 30 .....	786.17	515,450	---
Oct. 31 .....	786.00	514,000	-24
Nov. 30 .....	785.12	506,340	-129
Dec. 31 .....	784.20	498,500	-128
CAL YR 2000 .....	--	--	-15
Jan. 31 .....	783.04	488,740	-159
Feb. 28 .....	786.57	518,850	+542
Mar. 31 .....	787.15	523,780	+80
Apr. 30 .....	786.61	519,190	-77
May 31 .....	786.60	519,100	-1.5
June 30 .....	786.78	520,630	+26
July 31 .....	786.04	514,340	-102
Aug. 31 .....	785.00	505,300	-147
Sept. 30 .....	783.88	495,790	-160
WTR YR 2001 .....	--	--	-27