

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, 529,810 acre-ft, May 1, elevation, 787.86 ft; minimum, 419,000 acre-ft, Mar. 2, elevation, 773.98 ft.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| Date | Elevation (feet) | Contents (acre- feet) | Change in contents (equivalent in ft ³ /s) |
|-------------------|---------------------|-----------------------------|--|
| Sept. 30 | 783.88 | 495,790 | --- |
| Oct. 31 | 782.61 | 485,200 | -172 |
| Nov. 30 | 780.65 | 469,330 | -267 |
| Dec. 31 | 777.98 | 448,660 | -336 |
| CAL YR 2001 | -- | -- | -69 |
| Jan. 31 | 775.63 | 431,200 | -284 |
| Feb. 28 | 774.04 | 419,690 | -207 |
| Mar. 31 | 781.56 | 476,640 | +926 |
| Apr. 30 | 787.85 | 529,730 | +892 |
| May 31 | 786.88 | 521,480 | -134 |
| June 30 | 786.55 | 518,680 | -47 |
| July 31 | 785.79 | 512,170 | -106 |
| Aug. 31 | 784.71 | 502,840 | -152 |
| Sept. 30 | 784.11 | 497,740 | -86 |
| WTR YR 2002 | -- | -- | +2.7 |