

## LACKAWANNA RIVER BASIN

## 01534180 STILLWATER LAKE NEAR FOREST CITY, PA

**LOCATION.**--Lat 41°41'46", long 75°29'10", Susquehanna County, Hydrologic Unit 02050107, at Stillwater Dam on Lackawanna River, 0.3 mi downstream from confluence of East and West Branches, 1.4 mi south of Union Dale, and 3.5 mi north of Forest City.

**DRAINAGE AREA.**--37.1 mi<sup>2</sup>.

**PERIOD OF RECORD.**--December 1959 to current year.

**GAGE.**--Water-stage recorder (U.S. Army Corps of Engineers datum).

**REMARKS.**--Reservoir formed by an earthfill dam, rock faced, with ungated concrete spillway at elevation 1,621.00 ft (capacity, 12,000 acre-ft). Storage began December 1959. Reservoir is used for flood control and municipal water supply. Figures given herein represent total contents. Flood storage is regulated by power-operated slide gate; water supply storage is regulated by a weir formed by stop-logs. Satellite and landline telemetry at station.

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

**EXTREMES FOR PERIOD OF RECORD.**--Maximum contents, 10,700 acre-ft, Apr. 2, 1993, elevation, 1,617.84 ft; minimum, 173 acre-ft, June 21, 1993, elevation, 1,569.69 ft; minimum elevation, 1,568.85 ft, Sept.10, 1960.

**EXTREMES FOR CURRENT YEAR.**--Maximum contents, 5,620 acre-ft, Mar. 23, elevation, 1,602.58 ft; minimum, 403 acre-ft, Oct. 10, 11, elevation, 1,572.67 ft.

## MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Elevation (feet)	Contents (acre- feet)	Change in contents (equivalent in ft <sup>3</sup> /s)
Sept. 30 .....	1,573.23.	460	---
Oct. 31 .....	1,573.52	480	+0.3
Nov. 30 .....	1,573.89	520	+0.7
Dec. 31 .....	1,573.99	530	+0.2
CAL YR 2002 .....	--	--	+0.1
Jan. 31 .....	1,573.17	450	-1.3
Feb. 28 .....	1,573.75	510	+1.1
Mar. 31 .....	1,576.94	850	+5.5
Apr. 30 .....	1,573.99	530	-5.4
May 31 .....	1,574.21	550	+0.3
June 30 .....	1,573.73	500	-0.8
July 31 .....	1,573.68	500	0
Aug. 31 .....	1,572.94	430	-1.1
Sept. 30 .....	1,575.45	680	+4.2
WTR YR 2003 .....	--	--	+0.3