

LACKAWAXEN RIVER BASIN

LAKES AND RESERVOIRS IN LACKAWAXEN RIVER BASIN

01428900 PROMPTON RESERVOIR.--Lat 41°35'18", long 75°19'39", Wayne County, Hydrologic Unit 02040103, at dam on West Branch Lackawaxen River, 0.3 mi north of Prompton, 0.4 mi upstream from highway bridge, and 0.5 mi upstream from Van Auken Creek. DRAINAGE AREA, 59.6 mi². PERIOD OF RECORD, December 1960 to current year. GAGE, data collection platform (U.S. Army Corps of Engineers datum).

REMARKS.--Reservoir formed by an earth and rockfill dam with ungated bedrock spillway at elevation 1,205.00 ft. Storage began July 1960. Capacity at elevation 1,205.00 ft is 51,700 acre-ft. Ordinary minimum (conservation) pool is 1,125.00 ft, capacity, 3,420 acre-ft. Reservoir is used for flood control and recreation. Figures given herein represent total contents. Regulation is accomplished by discharge through an ungated tunnel.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 8,170 acre-ft, June 29, 1973, elevation, 1,138.40 ft; minimum (after first filling), 2,500 acre-ft, June 5, 1991, elevation, 1,121.46 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 4,660 acre-ft, Jan. 24, elevation, 1,129.13 ft; minimum contents, 2,900 acre-ft, Aug. 13, elevation, 1,122.86 ft.

01429400 GENERAL EDGAR JADWIN RESERVOIR.--Lat 41°36'44", long 75°15'55", Wayne County, Hydrologic Unit 02040103, at dam on Dyberry Creek, 0.4 mi upstream from unnamed tributary, 2.4 mi north of Honesdale, and 2.9 mi upstream from mouth. DRAINAGE AREA, 64.5 mi². PERIOD OF RECORD, October 1959 to current year. GAGE, data collection platform (U.S. Army Corps of Engineers datum).

REMARKS.--Reservoir formed by an earth and rockfill dam with ungated concrete spillway at elevation 1,053.00 ft. Storage began October 1959. Capacity at elevation of 1,053.00 ft is 24,500 acre-ft. Reservoir is used for flood control. Figures given herein represent total contents. Regulation is accomplished by discharge through an ungated tunnel. Since Oct. 1, 1996, pool elevations below 990 ft NGVD are not recorded.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 6,520 acre-ft, June 19, 1973, elevation, 1,017.40 ft; minimum contents, no storage many times.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 940 acre-ft, Jan. 24, elevation, 993.31 ft; minimum contents, no storage many times.

01431700 LAKE WALLENPAUPACK.--Lat 41°27'35", long 75°11'10", Wayne County, Hydrologic Unit 02040103, at dam on Wallenpaupack Creek at Wilsonville, 1.2 mi south of Hawley, and 1.5 mi upstream from mouth. DRAINAGE AREA, 228 mi². PERIOD OF RECORD, January 1926 to current year. GAGE, vertical staff. Datum of gage is sea level (levels by Pennsylvania Power and Light Co.).

REMARKS.--Lake formed by concrete gravity-type and earthfill dam, with concrete spillway in two sections at elevation 1,176.00 ft. Spillway equipped with 14 ft high roller gate on each section. Storage began Nov. 3, 1925; water in reservoir first reached minimum pool elevation January 1926. Total capacity at elevation 1,190.00 ft (top of gates), is 209,300 acre-ft, of which 108,900 acre-ft, above elevation 1,170.00 ft (minimum pool), is controlled storage. Prior to 1984, minimum pool elevation was 1,160.00 ft. Reservoir is used for generation of hydroelectric power. Figures given herein represent usable contents. Records prior to 1984 included additional usable contents of 48,900 acre-ft.

COOPERATION.--Records provided by Pennsylvania Power and Light Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 129,300 acre-ft, Aug. 19-21, 1955, elevation, 1,193.45 ft; minimum (after first filling), 12,280 acre-ft (old minimum pool), Mar. 28, 1958, elevation, 1,162.60 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 86,400 acre-ft, May 31, June 1, 6, elevation, 1,186.2 ft; minimum contents, 46,370 acre-ft, Oct. 16-Nov. 6, elevation 1,179.1 ft.

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Lakes and Reservoirs in Lackawaxen River Basin--Continued

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS. WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

Date	Elevation (feet)	Contents (acre- feet)	Change in contents (equivalent in ft ³ /s)	Elevation (feet)	Contents (acre- feet)	Change in contents (equivalent in ft ³ /s)
<u>01428900 Prompton Reservoir</u>				<u>01429400 General Edgar Jadwin Reservoir</u>		
Sept. 30	1,123.47	3,070	---	--	0	---
Oct. 31	1,123.66	3,120	+0.8	--	0	0
Nov. 30	1,123.47	3,070	-0.8	--	0	0
Dec. 31	1,123.60	3,110	+0.7	--	0	0
CAL YR 1998	--	--	-0.7	--	--	0
Jan. 31	1,125.48	3,630	+8.5	--	0	0
Feb. 28	1,125.41	3,620	-0.2	--	0	0
Mar. 31	1,126.30	3,860	+3.9	--	0	0
Apr. 30	1,125.23	3,560	-5.0	--	0	0
May 31	1,125.10	3,530	-0.5	--	0	0
June 30	1,123.53	3,090	-7.4	--	0	0
July 31	1,123.01	2,940	-2.4	--	0	0
Aug. 31	1,123.02	2,940	0.0	--	0	0
Sept. 30	1,124.81	3,450	+8.6	--	0	0
WTR YR 1999	--	--	+0.5	--	--	0
<u>01431700 Lake Wallenpaupack</u>						
Sept. 30	1,180.0	52,700	---			
Oct. 31	1,179.1	46,370	-103			
Nov. 30	1,179.6	49,780	+57.3			
Dec. 31	1,180.2	53,600	+62.1			
CAL YR 1998	--	--	-18.1			
Jan. 31	1,185.5	82,790	+475			
Feb. 28	1,184.0	73,830	-161			
Mar. 31	1,185.7	83,810	+162			
Apr. 30	1,185.1	80,790	-50.8			
May 31	1,186.2	86,400	+91.2			
June 30	1,185.1	80,790	-94.3			
July 31	1,182.6	65,620	-247			
Aug. 31	1,181.4	59,310	-103			
Sept. 30	1,182.7	66,180	+115			
WTR YR 1999	--	--	+18.6			