

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, 9,130 acre-ft, Apr. 3, 2005, elevation, 1,140.90 ft; minimum (after first filling), 2,500 acre-ft, June 5, 1991, elevation, 1,121.46 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 9,130 acre-ft, Apr. 3, elevation, 1,140.90 ft; minimum contents, 2,900 acre-ft, Aug. 27, 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, 7,600 acre-ft, Apr. 3, 2005, elevation, 1,020.51 ft; minimum contents, no storage many times.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 7,600 acre-ft, Apr. 3, elevation, 1,020.51 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. Minimum pool elevation for usable storage since Sept. 30, 2004 is 1,160.00 ft. From 1984 to Sept. 30, 2004, minimum pool elevation for usable storage was 1,170.00 ft, which resulted in contents that are 48,900 acre-ft less than those currently used. Minimum pool elevation for usable storage prior to 1984 was 1,160.00 ft. Figures given herein represent usable contents.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 178,200 acre-ft, (pre-1984 contents), Aug. 19-21, 1955, elevation, 1,193.45 ft; minimum (after first filling), 12,280 acre-ft (pre-1984 contents), Mar. 28, 1958, elevation, 1,162.60 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 158,400 acre-ft, Apr. 3, elevation, 1,190.1 ft; minimum contents, 94,620 acre-ft, Sept. 24, elevation 1,178.7 ft.

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Lakes and Reservoirs in Lackawaxen River Basin--Continued

MONTH-END ELEVATION, IN FEET ABOVE SEA LEVEL, AND CONTENTS AT 2400 HRS. WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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	1,126.60	3,950	---	--	0	---
Oct. 31	1,125.27	3,580	-6.0	--	0	0
Nov. 30	1,127.25	4,130	+9.2	--	0	0
Dec. 31	1,125.32	3,590	-8.8	--	0	0
CAL YR 2004	--	--	-0.7	--	--	0
Jan. 31	1,125.16	3,540	-0.8	--	0	0
Feb. 28	1,125.24	3,570	+0.5	--	0	0
Mar. 31	1,129.01	4,620	+17.1	996.19	1,330	+21.6
Apr. 30	1,126.01	3,780	-14.1	--	0	-22.4
May 31	1,124.23	3,280	-8.1	--	0	0
June 30	1,123.27	3,020	-4.4	--	0	0
July 31	1,123.05	2,950	-1.1	--	0	0
Aug. 31	1,123.27	3,020	+1.1	--	0	0
Sept. 30	1,123.18	2,990	-0.5	--	0	0
WTR YR 2005	--	--	-1.3	--	--	0
<u>01431700 Lake Wallenpaupack</u>						
Sept. 30	1,186.1	^a 135,400	---			
Oct. 31	1,182.8	116,900	-301			
Nov. 30	1,185.3	130,900	+235			
Dec. 31	1,184.5	126,500	-71.6			
CAL YR 2004	--	--	-0.7			
Jan. 31	1,183.9	123,100	-55.3			
Feb. 28	1,183.3	119,700	-61.2			
Mar. 31	1,186.2	136,000	+265			
Apr. 30	1,184.8	128,100	-133			
May 31	1,186.1	135,400	+119			
June 30	1,185.0	129,300	-103			
July 31	1,181.8	111,400	-291			
Aug. 31	1,180.6	104,900	-106			
Sept. 30	1,178.8	95,160	-164			
WTR YR 2005	--	--	-55.6			

^a Contents were obtained using minimum pool elevation for usable storage of 1,160.00 ft, used since 2005 water year. Contents for 2004 water year were obtained using minimum pool elevation for usable storage of 1,170.00 ft.