



Water-Data Report 2007

01472200 GREEN LANE RESERVOIR

Lower Delaware Basin
Schuylkill Subbasin

LOCATION.--Lat 40°20'30", long 75°28'45" referenced to North American Datum of 1927, Montgomery County, PA, Hydrologic Unit 02040203, at dam on Perkiomen Creek, 0.4 mi west of Green Lane, and 2.1 mi upstream from Unami Creek.

DRAINAGE AREA.--70.9 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by Aqua Pennsylvania Inc.).

COOPERATION.--Records provided by Aqua Pennsylvania Inc.

REMARKS.--Reservoir formed by concrete, gravity-type dam with ungated spillway at elevation 286.00 ft. Storage began December 21, 1956. Capacity at elevation 286.00 ft is 13,430 acre-ft. Reservoir is used for municipal water supply. Figures given herein represent total contents. Regulation by valves on pipe through dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 17,030 acre-ft, Jun 23, 1972, elevation, 290.05 ft; minimum contents (after first filling), 1,270 acre-ft, Aug 25, 1957, elevation, 251.60 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 14,810 acre-ft, Apr 16, elevation, 287.55 ft; minimum contents, 11,920 acre-ft, Sep 30, elevation, 284.21 ft.

MONTHEND ELEVATION IN FEET ABOVE SEA LEVEL AND CONTENTS AT 2400 HOURS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Elevation, in ft	Contents, in acre-ft	Change in contents, in ft ³ /s
Sep 30	286.15	13,600	
Oct 31	286.24	13,600	0.0
Nov 30	286.23	13,600	0.0
Dec 31	286.13	13,600	0.0
CAL YR 2006			0.0
Jan 31	286.07	13,500	-1.6
Feb 28	286.17	13,600	+1.8
Mar 31	286.13	13,600	0.0
Apr 30	286.18	13,600	0.0
May 31	285.95	13,400	-3.3
Jun 30	286.02	13,400	0.0
Jul 31	285.62	13,100	-4.9
Aug 31	285.63	13,100	0.0
Sep 30	284.21	11,900	-20.2
WTR YR 2007			-2.4