



Water-Data Report 2013

**400411075445901 Local number CH 7007**

Piedmont and Blue Ridge crystalline-rock aquifers  
Graphitic Gneiss, Amphibolite Facies

Chester County, PA

LOCATION.--Lat 40°04'11.0", long 75°44'58.5" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040205, at Wallace Township Building on Rt. 252 near Glenmoore.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth undefined. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Drilled observation well.

DATUM.--Land-surface datum is 443 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, near wires, 1.25 ft above land-surface datum, Nov. 1, 2005, to present.

PERIOD OF RECORD.--November 2005 to current year.

GAGE.--Monthly measurement by U.S. Geological Survey personnel.

COOPERATION.--Station established and maintained by the U.S. Geological Survey in cooperation with the Chester County Water Resources Authority.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.24 ft below land-surface datum, Apr. 20, 2010; lowest, 35.13 ft below land-surface datum, Nov 21, 2005

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 22	34.21	V	--	Apr 19	27.28	V	--
Nov 19	33.51	V	--	May 20	28.16	V	--
Dec 21	31.81	V	--	Jun 20	27.74	V	--
Jan 17	30.53	V	--	Jul 18	25.11	V	--
Feb 20	27.78	V	--	Aug 20	27.11	V	--
Mar 20	27.75	V	--	Sep 19	28.07	V	--

Water year 2013 highest: 25.11, Jul 18, 2013; lowest: 34.21, Oct 22, 2012