

Water-Data Report 2013

**395201075363001 Local number CH 6516**

Piedmont and Blue Ridge crystalline-rock aquifers  
Felsic Gneiss, Hornblende-Bearing

Chester County, PA

LOCATION.--Lat 39°51'54.7", long 75°36'30.7" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040205, at Hillendale Road near Virginia Place near Chaddsford Junction.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Drilled unused artesian observation well.

DATUM.--Land-surface datum is 295 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of PVC riser pipe, 1.40 ft above land-surface datum, June 20, 2008, to present.

PERIOD OF RECORD.--November 2001 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, +0.65 ft above land-surface datum, Jul 18, 2013; lowest, 7.75 ft below land-surface datum, Sept. 18, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
(READINGS ABOVE LAND SURFACE INDICATED BY "+")  
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	4.27	V	--	Apr 18	.18	V	--
Nov 20	2.84	V	--	May 20	.10	V	--
Dec 20	3.03	V	--	Jun 20	+42	V	--
Jan 18	1.53	V	--	Jul 18	+65	V	--
Feb 20	.91	V	--	Aug 21	+25	V	--
Mar 20	.60	V	--	Sep 19	.30	V	--

Water year 2013 highest: +.65, Jul 18, 2013; lowest: 4.27, Oct 22, 2012