



Water-Data Report 2011

395633075444401 Local number CH 7269

Piedmont and Blue Ridge crystalline-rock aquifers
Peters Creek Schist

Chester County, PA

LOCATION.--Lat 39°56'32.7", long 75°44'43.5" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040205.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 500 ft. Upper casing diameter 6 in; top of first opening 40 ft, bottom of last opening 500 ft. Drilled unused observation well, cased to 40 ft, open hole.

DATUM.--Land-surface datum is 320 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.95 ft above land-surface datum, Mar. 28, 2008, to present.

PERIOD OF RECORD.--March 2008 to current year.

GAGE.--Monthly measurement made 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, 7.42 ft below land-surface datum, Mar. 19, 2010; lowest, 10.09 ft below land-surface datum, Mar. 20, 2009.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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 20	9.45	V	--	Apr 20	8.02	V	--
Nov 18	9.60	V	--	May 20	8.19	V	--
Dec 20	9.58	V	--	Jun 20	8.48	V	--
Jan 20	9.62	V	--	Jul 20	8.92	V	--
Feb 17	9.37	V	--	Aug 18	9.15	V	--
Mar 17	8.35	V	--	Sep 20	8.93	V	--

Water year 2011 highest: 8.02, Apr 20, 2011; lowest: 9.62, Jan 20, 2011