



Water-Data Report 2011

395540075332601 Local number CH 1387

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

Chester County, PA

LOCATION.--Lat 39°55'40", long 75°33'26" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040202, at State Highway 926 and Northgate Road, near Westtown.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 159 ft. Upper casing diameter 5 in; top of first opening 41 ft, bottom of last opening 159 ft. Drilled unused observation well, cased to 41 ft, open hole.

DATUM.--Land-surface datum is 329 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.00 ft above land-surface datum, July 11, 1974, to present.

PERIOD OF RECORD.--September 1974 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, 27.74 ft below land-surface datum, Mar. 19, 2010; lowest, 39.45 ft below land-surface datum, Oct. 21, 1977.

**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	34.27	V	--	Apr 20	30.09	V	--
Nov 19	34.40	V	--	May 20	30.84	V	--
Dec 20	33.74	V	--	Jun 20	31.82	V	--
Jan 20	34.29	V	--	Jul 20	34.13	V	--
Feb 17	34.13	V	--	Aug 18	33.43	V	--
Mar 17	31.05	V	--	Sep 20	31.04	V	--

Water year 2011 highest: 30.09, Apr 20, 2011; lowest: 34.40, Nov 19, 2010