



Water-Data Report 2013

394846075444901 Local number CH 38

Piedmont and Blue Ridge crystalline-rock aquifers
Wissahickon Formation, Oligoclase Mica Schist

Chester County, PA

LOCATION.--Lat 39°48'45.4", long 75°44'46.9" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040205, at New Garden Road and State Highway 41 at New Garden.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 18.45 ft. Upper casing diameter 46 in; top of first opening undefined, bottom of last opening undefined. Dug unused observation well.

DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of opening in concrete slab, 0.5 ft above land-surface datum, Mar. 7, 1956, 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, 1.98 ft below land-surface datum, Dec. 18, 2003; lowest, 16.52 ft below land-surface datum, Sept. 18, 2002.

**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	15.74	V	--	Apr 18	7.00	V	--
Nov 19	12.49	V	--	May 20	7.57	V	--
Dec 20	12.61	V	--	Jun 20	5.11	V	--
Jan 18	9.00	V	--	Jul 18	4.03	V	--
Feb 20	7.31	V	--	Aug 21	5.91	V	--
Mar 20	7.32	V	--	Sep 19	7.50	V	--

Water year 2013 highest: 4.03, Jul 18, 2013; lowest: 15.74, Oct 22, 2012