

Water-Data Report 2013

400358075311301 Local number CH 3289

Piedmont and Blue Ridge crystalline-rock aquifers
Elbrook Formation

Chester County, PA

LOCATION.--Lat 40°03'58.6", long 75°31'11.1" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040203, at Church Road, near Cedar Hollow.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 202 ft. Upper casing diameter 8 in; top of first opening 40 ft, bottom of last opening 202 ft. Drilled unused observation well, cased to 40 ft, open hole.

DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.50 ft above land-surface datum, April 14, 1988, to present.

PERIOD OF RECORD.--May 1988 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, 9.81 ft below land-surface datum, Apr 20, 2007; lowest, 33.18 ft below land-surface datum, Sept. 19, 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 23	24.62	V	--	Apr 18	20.52	V	--
Nov 20	21.43	V	--	May 20	19.82	V	--
Dec 20	21.86	V	--	Jun 21	16.42	V	--
Jan 17	19.65	V	--	Jul 18	20.63	V	--
Feb 21	19.70	V	--	Aug 20	18.66	V	--
Mar 21	19.80	V	--	Sep 20	22.23	V	--

Water year 2013 highest: 16.42, Jun 21, 2013; lowest: 24.62, Oct 23, 2012