

Water-Data Report 2013

400453075255601 Local number CH 210

Piedmont and Blue Ridge carbonate-rock aquifers
Elbrook Formation

Chester County, PA

LOCATION.--Lat 40°04'55.8", long 75°25'52.5" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040203, at Red Coat Lane, near Valley Forge Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 600 ft. Upper casing diameter 12 in; top of first opening 26 ft, bottom of last opening 600 ft. Drilled unused observation well, cased to 26 ft, open hole.

DATUM.--Land-surface datum is 150 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of PVC riser pipe, 1.60 ft above land-surface datum, May 20, 2008, to present.

PERIOD OF RECORD.--June 1978 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, 14.00 ft below land-surface datum, Feb. 26, 1979; lowest, 28.20 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	24.72	V	--	Apr 18	20.59	V	--
Nov 20	22.54	V	--	May 20	21.07	V	--
Dec 21	21.83	V	--	Jun 21	17.15	V	--
Jan 17	20.36	V	--	Jul 18	19.97	V	--
Feb 21	19.79	V	--	Aug 20	19.17	V	--
Mar 21	19.90	V	--	Sep 20	21.61	V	--

Water year 2013 highest: 17.15, Jun 21, 2013; lowest: 24.72, Oct 23, 2012