



Water-Data Report 2011

**400325075332501 Local number CH 2313**

Piedmont and Blue Ridge carbonate-rock aquifers  
Elbrook Formation

Chester County, PA

LOCATION.--Lat 40°03'25", long 75°33'25" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040203, at Moores Road and Sidley Road, East Whiteland Township.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 507 ft. Upper casing diameter 8 in; top of first opening 22 ft, bottom of last opening 507 ft. Drilled unused artesian observation well, cased to 22 ft, open hole.

DATUM.--Land-surface datum is 329.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of inner 6 inch casing, 2.40 ft above land-surface datum, Mar. 25, 1975, to present.

PERIOD OF RECORD.--April 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, 1.50 ft above land-surface datum, April 21, 1983; lowest, 21.65 ft below land-surface datum, Sept. 18, 2002.

**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 21	10.26	V	--	Apr 21	4.26	V	--
Nov 19	10.76	V	--	May 19	4.75	V	--
Dec 20	10.40	V	--	Jun 20	6.83	V	--
Jan 21	10.68	V	--	Jul 20	9.30	V	--
Feb 18	9.35	V	--	Aug 18	10.19	V	--
Mar 17	5.66	V	--	Sep 20	5.37	V	--

Water year 2011 highest: 4.26, Apr 21, 2011; lowest: 10.76, Nov 19, 2010