



Water-Data Report 2011

400456075320301 Local number CH 2561

Piedmont and Blue Ridge carbonate-rock aquifers
Elbrook Formation

Chester County, PA

LOCATION.--Lat 40°04'27", long 75°32'03" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040203, at Yellow Springs Road and State Highway 29, at Devault.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 240 ft. Upper casing diameter 6 in; top of first opening 229 ft, bottom of last opening 240 ft. Drilled unused observation well, cased to 229 ft, open hole.

DATUM.--Land-surface datum is 338 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.90 ft above land-surface datum, Sep. 28, 1983, to present.

PERIOD OF RECORD.--January 1984 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, 82.22 ft below land-surface datum, May 20, 2010; lowest, 178.32 ft below land-surface datum, Sept. 21, 1992.

**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	85.88	V	--	Apr 21	85.74	V	--
Nov 19	87.46	V	--	May 19	85.55	V	--
Dec 21	88.05	V	--	Jun 21	85.76	V	--
Jan 21	87.99	V	--	Jul 21	85.49	V	--
Feb 18	87.47	V	--	Aug 19	86.20	V	--
Mar 18	86.16	V	--	Sep 20	86.48	V	--

Water year 2011 highest: 85.49, Jul 21, 2011; lowest: 88.05, Dec 21, 2010