



Water-Data Report 2011

400358075311301 Local number CH 3289

Piedmont and Blue Ridge crystalline-rock aquifers
Elbrook Formation

Chester County, PA

LOCATION.--Lat 40°03'58", long 75°31'13" referenced to North American Datum of 1927, 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 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	22.08	V	--	Apr 21	12.77	V	--
Nov 19	22.14	V	--	May 19	19.55	V	--
Dec 21	21.01	V	--	Jun 21	21.48	V	--
Jan 21	21.85	V	--	Jul 21	23.50	V	--
Feb 18	20.09	V	--	Aug 19	24.97	V	--
Mar 18	13.25	V	--	Sep 20	18.67	V	--

Water year 2011 highest: 12.77, Apr 21, 2011; lowest: 24.97, Aug 19, 2011