



Water-Data Report 2011

395701075561601 Local number CH 1201

Piedmont and Blue Ridge carbonate-rock aquifers
Conestoga Formation

Chester County, PA

LOCATION.--Lat 39°57'01", long 75°56'16" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02050306, at State Highway 372, near Atglen.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 83 ft. Upper casing diameter 6 in; top of first opening 33 ft, bottom of last opening 83 ft. Drilled withdrawal commercial well, cased to 33 ft, open hole.

DATUM.--Land-surface datum is 502 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.5 ft above land-surface datum, Oct. 26, 1973, to present.

PERIOD OF RECORD.--October 1973 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, 2.80 ft below land-surface datum, Dec. 19, 1996; lowest, 8.49 ft below land-surface datum, Sept. 18, 1985.

**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 20	5.23	V	--	Apr 20	3.92	V	--
Nov 18	5.38	V	--	May 20	4.57	V	--
Dec 20	5.29	V	--	Jun 20	5.27	V	--
Jan 20	5.58	V	--	Jul 20	5.83	V	--
Feb 17	5.00	V	--	Aug 18	6.07	V	--
Mar 17	4.02	V	--	Sep 20	4.67	V	--

Water year 2011 highest: 3.92, Apr 20, 2011; lowest: 6.07, Aug 18, 2011