



Water-Data Report 2011

**395141075525401 Local number CH 5422**

Piedmont and Blue Ridge crystalline-rock aquifers  
Wissahickon Formation

Chester County, PA

LOCATION.--Lat 39°51'41", long 75°52'54" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02060002, on Rt. 796 near intersection of Colton Drive at Daleville.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 49.4 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined. Drilled unused irrigation well.

DATUM.--Land-surface datum is 619 ft above North American Vertical Datum of 1988. Measuring point: top of casing, 3.40 ft above land-surface datum, Dec. 17, 1997, to present.

PERIOD OF RECORD.--July 2000 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, 13.20 ft below land-surface datum, Dec. 18, 2003; lowest, 26.38 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 20	20.60	V	--	Apr 20	15.16	V	--
Nov 18	20.19	V	--	May 20	17.28	V	--
Dec 20	19.21	V	--	Jun 20	18.98	V	--
Jan 20	19.71	V	--	Jul 20	20.64	V	--
Feb 17	18.63	V	--	Aug 18	21.80	V	--
Mar 17	14.63	V	--	Sep 20	17.35	V	--

Water year 2011 highest: 14.63, Mar 17, 2011; lowest: 21.80, Aug 18, 2011