

Water-Data Report 2011

**400039075335201 Local number CH 2457**

Piedmont and Blue Ridge crystalline-rock aquifers  
Wissahickon Formation, Oligoclase Mica Schist

Chester County, PA

LOCATION.--Lat 40°00'39", long 75°33'52" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040202, at Upton Circle and Green Hill Road, at Hersheys Mill.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 285 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Drilled unused observation well.

DATUM.--Land-surface datum is 470 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.50 ft above land-surface datum, Mar. 1, 1979, to present.

PERIOD OF RECORD.--February 1982 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, 10.35 ft below land-surface datum, Dec. 18, 1996; lowest, 26.08 ft below land-surface datum, Oct. 20, 1986.

**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	19.70	V	--	Apr 20	13.63	V	--
Nov 19	19.05	V	--	May 20	15.77	V	--
Dec 20	19.91	V	--	Jun 20	18.48	V	--
Jan 20	20.34	V	--	Jul 20	20.54	V	--
Feb 17	19.39	V	--	Aug 18	20.88	V	--
Mar 17	12.87	V	--	Sep 20	13.54	V	--

Water year 2011 highest: 12.87, Mar 17, 2011; lowest: 20.88, Aug 18, 2011