

Water-Data Report 2011

394457075581601 Local number CH 254

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

Chester County, PA

LOCATION.--Lat 39°44'57", long 75°58'16" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02060002, at Mt. Pleasant Road, near Oxford.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 250 ft. Upper casing diameter 6 in; top of first opening 102 ft, bottom of last opening 250 ft. Drilled unused domestic well, cased to 102 ft, open hole.

DATUM.--Land-surface datum is 517 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.35 ft above land-surface datum, Dec. 22, 1982, to present.

PERIOD OF RECORD.--January 1987 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, 15.32 ft below land-surface datum, Apr. 19, 2005; lowest, 31.16 ft below land-surface datum, Oct. 21, 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	22.12	V	--	Apr 20	21.95	V	--
Nov 18	22.80	V	--	May 20	21.20	V	--
Dec 20	23.40	V	--	Jun 20	21.42	V	--
Jan 20	23.95	V	--	Jul 20	22.03	V	--
Feb 17	24.07	V	--	Aug 18	22.87	V	--
Mar 17	23.36	V	--	Sep 20	22.46	V	--

Water year 2011 highest: 21.20, May 20, 2011; lowest: 24.07, Feb 17, 2011