

Water-Data Report 2011

395225075422001 Local number CH 2584

Piedmont and Blue Ridge carbonate-rock aquifers
Cockeysville Marble

Chester County, PA

LOCATION.--Lat 39°52'25", long 75°42'20" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040205, at Walnut Road near intersection of Rt. 926 near Willowdale.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 365 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.90 ft above land-surface datum, Aug. 17, 1983, to present.

PERIOD OF RECORD.--April 2002 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, 14.63 ft below land-surface datum, Mar. 19, 2010; lowest, 24.66 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	20.62	V	--	Apr 20	16.30	V	--
Nov 18	20.50	V	--	May 20	18.85	V	--
Dec 20	19.70	V	--	Jun 20	20.23	V	--
Jan 20	20.66	V	--	Jul 20	21.33	V	--
Feb 17	18.96	V	--	Aug 18	21.74	V	--
Mar 17	15.52	V	--	Sep 20	17.36	V	--

Water year 2011 highest: 15.52, Mar 17, 2011; lowest: 21.74, Aug 18, 2011