

Water-Data Report 2011

394624075444001 Local number CH 2663

Piedmont and Blue Ridge carbonate-rock aquifers
Cockeysville Marble

Chester County, PA

LOCATION.--Lat 39°46'24", long 75°44'40" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040205, at Broad Run Road and Newark Road, New Garden Township.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 150 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined. Drilled unused observation well.

DATUM.--Land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.20 ft above land-surface datum, May 21, 2001, to present. Prior to May 21, 2001 measuring point was 1.30 ft above land-surface datum.

PERIOD OF RECORD.--January 1984 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, 7.65 ft below land-surface datum, Sept. 23, 2003; lowest, 11.67 ft below land-surface datum, July 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	10.81	V	--	Apr 20	9.62	V	--
Nov 18	10.78	V	--	May 20	10.13	V	--
Dec 20	10.70	V	--	Jun 20	10.75	V	--
Jan 20	10.58	V	--	Jul 20	10.95	V	--
Feb 17	10.24	V	--	Aug 18	10.70	V	--
Mar 17	9.63	V	--	Sep 20	9.86	V	--

Water year 2011 highest: 9.62, Apr 20, 2011; lowest: 10.95, Jul 20, 2011