

Water-Data Report 2011

400650075514001 Local number CH 2

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Gneiss, Granulite Facies

Chester County, PA

LOCATION.--Lat 40°06'50", long 75°51'40" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040205, at Morgantown Road, near Strubel Lake, Honeybrook Township.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 15 ft. Upper casing diameter 36 in; top of first opening undefined, bottom of last opening undefined. Dug unused observation well.

DATUM.--Land-surface datum is 640 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of hole in concrete slab, 0.5 ft above land-surface datum, Sep. 25, 1951, to present.

PERIOD OF RECORD.--September 1951 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, 2.16 ft below land-surface datum, Mar 19, 2010; lowest, 14.47 ft below land-surface datum, Sep 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	10.20	V	--	Apr 21	5.05	V	--
Nov 18	10.39	V	--	May 20	6.84	V	--
Dec 21	9.98	V	--	Jun 20	8.92	V	--
Jan 20	10.47	V	--	Jul 20	10.16	V	--
Feb 17	9.52	V	--	Aug 19	10.49	V	--
Mar 17	5.31	V	--	Sep 21	8.28	V	--

Water year 2011 highest: 5.05, Apr 21, 2011; lowest: 10.49, Aug 19, 2011