

Water-Data Report 2013

**400956075391501 Local number CH 1571**

Early Mesozoic basin aquifers  
Stockton Formation

Chester County, PA

LOCATION.--Lat 40°09'55.7", long 75°39'12.6" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040203, at Pughtown Road and Bertolet School Road, near Pughtown, East Vincent Township.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 16 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined. Dug unused observation well.

DATUM.--Land-surface datum is 282 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of hole in concrete slab, 0.20 ft above land-surface datum, May 21, 1974, to present.

PERIOD OF RECORD.--June 1974 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, 4.55 ft below land-surface datum, Dec. 19, 2003, June 20, 2003; lowest, 11.74 ft below land-surface datum, Dec. 23, 1998.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[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 23	8.68	V	--	Apr 19	6.34	V	--
Nov 19	7.84	V	--	May 20	6.24	V	--
Dec 21	6.00	V	--	Jun 21	5.86	V	--
Jan 17	5.88	V	--	Jul 18	6.62	V	--
Feb 21	6.20	V	--	Aug 20	7.02	V	--
Mar 21	5.70	V	--	Sep 20	8.54	V	--

Water year 2013 highest: 5.70, Mar 21, 2013; lowest: 8.68, Oct 23, 2012