Water-Data Report 2011

400956075391501 Local number CH 1571

Early Mesozoic basin aquifers
Stockton Formation

Chester County, PA

LOCATION.--Lat 40°09′56″, long 75°39′15″ referenced to North American Datum of 1927, 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 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 21	7.30	V	--	Apr 21	5.38	V	--
Nov 19	7.42	V	--	May 20	5.50	V	--
Dec 21	7.18	V	--	Jun 21	7.55	V	--
Jan 20	7.18	V	--	Jul 21	9.18	V	--
Feb 18	5.90	V	--	Aug 19	8.77	V	--
Mar 18	5.35	V	--	Sep 20	6.31	V	--

Water year 2011 highest: 5.35, Mar 18, 2011; lowest: 9.18, Jul 21, 2011

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 400956075391501, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/400956075391501.2011.pdf