



Water-Data Report 2013

400242075484301 Local number CH 2273

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

Chester County, PA

LOCATION.--Lat 40°02'43.1", long 75°48'42.6" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040205, at Culbertson Run Road and State Highway 82, West Brandywine Township.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 298 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Drilled unused artesian observation well, cased to 45 ft, open hole.

DATUM.--Land-surface datum is 590 ft above National Geodetic Vertical Datum of 1929. Measuring point: floor of recorder platform, 4.55 ft above land-surface datum, Mar. 13, 1975, to present.

PERIOD OF RECORD.--October 1983 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, +4.49 ft above land-surface datum, Dec. 19, 1996; lowest, 4.91 ft below land-surface datum, Sept. 18, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
(READINGS ABOVE LAND SURFACE INDICATED BY "+")
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	3.31	V	--	Apr 19	+25	V	--
Nov 19	1.79	V	--	May 20	+36	V	--
Dec 21	1.72	V	--	Jun 20	+55	V	--
Jan 17	.48	V	--	Jul 18	+98	V	--
Feb 20	+35	V	--	Aug 20	+17	V	--
Mar 20	+70	V	--	Sep 19	.00	V	--

Water year 2013 highest: +98, Jul 18, 2013; lowest: 3.31, Oct 23, 2012