

**400242075484301 Local number CH 2273**

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

Chester County, PA

LOCATION.--Lat 40°02'42", long 75°48'43" referenced to North American Datum of 1927, 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 32 ft, bottom of last opening 298 ft. 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 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	.86	V	--	Apr 21	+1.05	V	--
Nov 18	.74	V	--	May 20	+1.03	V	--
Dec 20	.85	V	--	Jun 20	+1.01	V	--
Jan 20	.61	V	--	Jul 20	+.37	V	--
Feb 17	+.23	V	--	Aug 18	.35	V	--
Mar 17	+1.02	V	--	Sep 20	+1.03	V	--

Water year 2011 highest: +1.05, Apr 21, 2011; lowest: .86, Oct 20, 2010