

**400412075404301 Local number CH 1229**

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

Chester County, PA

LOCATION.--Lat 40°04'12", long 75°40'43" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040205, State Highway 100 and Pennsylvania Turnpike, near Eagle.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 165 ft. Upper casing diameter 6 in; top of first opening 31 ft, bottom of last opening 165 ft. Drilled unused observation well, cased to 31 ft, open hole.

DATUM.--Land-surface datum is 540 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.50 ft above land-surface datum, Feb. 13, 1974, to present.

PERIOD OF RECORD.--April 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, 29.15 ft below land-surface datum, April 21, 1952; lowest, 44.09 ft below land-surface datum, Aug. 20, 1985.

**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	38.34	V	--	Apr 20	31.28	V	--
Nov 19	39.03	V	--	May 20	33.62	V	--
Dec 20	38.59	V	--	Jun 21	35.25	V	--
Jan 21	39.29	V	--	Jul 21	37.25	V	--
Feb 18	37.06	V	--	Aug 19	38.61	V	--
Mar 18	33.04	V	--	Sep 20	34.57	V	--

Water year 2011 highest: 31.28, Apr 20, 2011; lowest: 39.29, Jan 21, 2011