



Water-Data Report 2012

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 undefined, bottom of last opening undefined. 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 2011 TO SEPTEMBER 2012**

[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	35.06	V	--	Apr 19	37.05	V	--
Nov 22	35.89	V	--	May 22	37.26	V	--
Dec 20	33.49	V	--	Jun 21	37.73	V	--
Jan 19	33.88	V	--	Jul 20	38.72	V	--
Feb 22	34.80	V	--	Aug 21	39.65	V	--
Mar 21	35.90	V	--				

Water year 2012 highest: 33.49, Dec 20, 2011; lowest: 39.65, Aug 21, 2012