



Water-Data Report 2011

**400247075532401 Local number CH 6517**

Piedmont and Blue Ridge crystalline-rock aquifers  
Chickies Formation

Chester County, PA

LOCATION.--Lat 40°02'47", long 75°53'24" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040205, at Telegraph Road near Sandy Hill Road west of Martins Corner.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth undefined. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Drilled unused irrigation well.

DATUM.--Land-surface datum is 940 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.20 ft above land-surface datum, Sep. 13, 2001, to present.

PERIOD OF RECORD.--November 2001 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, 53.99 ft below land-surface datum, May 19, 2005; lowest, 75.83 ft below land-surface datum, Oct. 21, 2002.

**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 | 60.98       | V                   | --                 | Apr 21 | 60.67       | V                   | --                 |
| Nov 18 | 62.08       | V                   | --                 | May 20 | 58.74       | V                   | --                 |
| Dec 20 | 62.70       | V                   | --                 | Jun 20 | 58.09       | V                   | --                 |
| Jan 20 | 63.35       | V                   | --                 | Jul 20 | 58.76       | V                   | --                 |
| Feb 17 | 63.65       | V                   | --                 | Aug 18 | 60.23       | V                   | --                 |
| Mar 17 | 62.40       | V                   | --                 | Sep 20 | 60.82       | V                   | --                 |

Water year 2011 highest: 58.09, Jun 20, 2011; lowest: 63.65, Feb 17, 2011