



Water-Data Report 2009

**390456078191501 Local number 44W 6.**

Valley and Ridge aquifers  
Conococheague Formation  
Frederick County, VA

LOCATION.--Lat 39°04'55.92", long 78°19'14.61" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070006, 400 ft northeast of the intersection of Middle Road and Cedar Creek Grade and 45 ft west of Middle Road.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth undefined. Upper casing diameter 6.00 in; top of first opening undefined, bottom of last opening undefined. Drilled water well, length of casing unknown.

DATUM.--Land-surface datum is 725 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF WELL CAP FLANGE (WEST SIDE), INDICATED BY BLACK ARROW, 1.25 ft above land-surface datum, May 30, 2001, to present.

PERIOD OF RECORD.--May 2001 to September 2009 (discontinued).

GAGE.--Occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in Conococheague Limestone of Upper Cambrian to Lower Ordovician age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.89 ft below land-surface datum, June 4, 2003; lowest measured, 45.71 ft below land-surface datum, Sept. 14, 2005.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[Measurement method: S, steel tape. Water-level status: --, static.]

| Date   | Water level | Measure-ment method | Water-level status | Date   | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| Jan 14 | 36.02       | S                   | --                 | Sep 22 | 42.89       | S                   | --                 |

Water year 2009 highest: 36.02 Jan 14, 2009; lowest: 42.89 Sep 22, 2009