



Water-Data Report 2009

390927078144801 Local number 45X 3.

Valley and Ridge aquifers
 Conococheague Formation
 Frederick County, VA

LOCATION.--Lat 39°09'27.33", long 78°14'48.08" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070004, 90 ft north of the intersection of Cedar Creek Grade and Miller Road and 20 ft west of Miller 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 834.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF 6-INCH PVC CASING, INDICATED BY BLACK ARROW, 0.80 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, 4.76 ft below land-surface datum, Mar. 25, 2003; lowest measured, 8.35 ft below land-surface datum, Nov. 14, 2001.

**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 15	7.19	S	--	Sep 22	7.90	S	--

Water year 2009 highest: 7.19 Jan 15, 2009; lowest: 7.90 Sep 22, 2009