



Water-Data Report 2008

**390930078134601 Local number 45X 14.**

Valley and Ridge aquifers  
Conococheague Formation  
Frederick County, VA

LOCATION.--Lat 39°09'30.20", long 78°13'45.62" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070004, 0.55 mi west of the intersection of Cedar Creek Grade and Merriman Road and 280 ft southeast of Cedar Creek Grade.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 250 ft. Upper casing diameter 6.25 in; top of first opening 142 ft, bottom of last opening 213 ft. Drilled domestic water well, cased to 84 ft, open hole 84 to 250 ft.

DATUM.--Land-surface datum is 850 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING (WEST SIDE) INDICATED BY BLACK ARROW, 1.30 ft above land-surface datum, Aug. 7, 2001, to present.

PERIOD OF RECORD.--August 2001 to current year.

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, 37.85 ft below land-surface datum, Sept. 29, 2004; lowest measured, 61.33 ft below land-surface datum, Nov. 5, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

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

Date	Water level	Measurement method	Water- level status
Jan 15	54.25	S	--