



Water-Data Report 2009

390551078155801 Local number 44W 18.

Valley and Ridge aquifers
 Conococheague Formation
 Frederick County, VA

LOCATION.--Lat 39°05'50.88", long 78°15'57.64" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070006, 0.47 mi north of the intersection of German Road and Marlboro Road and 0.16 mi west of Germany Road.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 140 ft. Upper casing diameter 6.25 in; top of first opening 112 ft, bottom of last opening 133 ft. Drilled domestic water well, cased to 79 ft, open hole 79 to 140 ft.

DATUM.--Land-surface datum is 875 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING (WEST SIDE) INDICATED BY BLACK ARROW, 1.45 ft above land-surface datum, Aug. 7, 2001, to present.

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.65 ft below land-surface datum, Mar. 30, 2004; lowest measured, 105.75 ft below land-surface datum, Oct. 4, 2002.

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

[Measurement method: S, steel tape. Water-level status: R, site had been pumped recently; --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Jan 14	99.45	S	R	Sep 23	87.04	S	--

Water year 2009 highest: 87.04 Sep 23, 2009; lowest: 87.04 Sep 23, 2009