



Water-Data Report 2009

**391101078121001 Local number 45X 18.**

Valley and Ridge aquifers  
 Conococheague Formation  
 Frederick County, VA

LOCATION.--Lat 39°11'00.80", long 78°12'10.31" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070004, 225 ft southeast of County highway 37 and 670 ft southwest of the intersection of Dutton Place and Wayland Drive.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth undefined. Upper casing diameter 8.00 in; top of first opening undefined, bottom of last opening undefined. Drilled unused water well, length of casing unknown.

DATUM.--Land-surface datum is 805 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF HOLE WHERE WIRE COMES OUT, 1.20 ft above land-surface datum, Dec. 19, 2002, to present.

PERIOD OF RECORD.--December 2002 to September 2009 (discontinued).

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.21 ft below land-surface datum, Mar. 27, 2003 ; lowest measured, 19.29 ft below land-surface datum, Jan. 16, 2008.

**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 16	18.22	S	--	Sep 23	19.09	S	--

Water year 2009 highest: 18.22 Jan 16, 2009; lowest: 19.09 Sep 23, 2009