



Water-Data Report 2009

**391738078085501 Local number 45Y 6.**

Valley and Ridge aquifers  
 Elbrook Formation  
 Frederick County, VA

LOCATION.--Lat 39°17'37.96", long 78°08'55.00" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070004, 905 ft north of the intersection of White Hall Road and Apple Pie Ridge Road and 450 ft west of Apple Pie Ridge 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 905 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING, INDICATED BY BLACK ARROW, 1.55 ft above land-surface datum, May 31, 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 Elbrook Formation of Middle to Upper Cambrian age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.14 ft below land-surface datum, Mar. 28, 2003; lowest measured, 118.01 ft below land-surface datum, Sept. 19, 2007.

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

[Measurement method: T, electric 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	92.05	T	--	Sep 24	113.45	T	--

Water year 2009 highest: 92.05 Jan 15, 2009; lowest: 113.45 Sep 24, 2009