



Water-Data Report 2009

**390228078170301 Local number 44W 9.**

Valley and Ridge aquifers  
 Beekmantown Group  
 Frederick County, VA

LOCATION.--Lat 39°02'27.51", long 78°17'02.92" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070006, 440 ft north of the intersection of Chapel Road and Veterans Road and 210 ft east of Chapel Road.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth undefined. Upper casing diameter 6.00 in; top of first opening undefined, bottom of last opening undefined. Drilled domestic water well, length of casing unknown.

DATUM.--Land-surface datum is 730 ft above National Geodetic Vertical Datum of 1929. Measuring point: HIGH POINT OF STEEL CASING (EAST SIDE), INDICATED BY BLACK ARROW, 1.35 ft above land-surface datum, May 29, 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 Rockdale Run Formation of the Beekmantown Group of Lower to Middle Ordovician age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.81 ft below land-surface datum, Mar. 24, 2003; lowest measured, 60.55 ft below land-surface datum, Mar. 25, 2002.

**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
Oct 28	52.55	S	--	Sep 22	49.63	S	--
Jan 13	51.68	S	--				

Water year 2009 highest: 49.63 Sep 22, 2009; lowest: 52.55 Oct 28, 2008

390228078170301 Local number 44W 9.—Continued

