



Water-Data Report 2009

390359078163201 Local number 44W 10.

Valley and Ridge aquifers
 Beekmantown Group
 Frederick County, VA

LOCATION.--Lat 39°03'59.35", long 78°16'32.17" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070006, 250 ft south of the intersection of Hites Road and Clark Road and 10 ft west of Hites Road.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 136 ft. Upper casing diameter 6.00 in; top of first opening undefined, bottom of last opening undefined. Drilled domestic water well, cased to 45 ft, open hole 45 to 136 ft.

DATUM.--Land-surface datum is 835 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING (NORTH SIDE), INDICATED BY BLACK ARROW, 0.90 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, 53.53 ft below land-surface datum, Mar. 26, 2003; lowest measured, 97.44 ft below land-surface datum, Mar. 27, 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
Jan 14	81.38	S	--	Sep 22	78.53	S	--

Water year 2009 highest: 78.53 Sep 22, 2009; lowest: 81.38 Jan 14, 2009