



Water-Data Report 2009

391524078080701 Local number 45Y 2.

Valley and Ridge aquifers
 Beekmantown Group
 Frederick County, VA

LOCATION.--Lat 39°15'24.46", long 78°08'07.07" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070004, 0.23 mi northwest of the intersection of Hiatt Road and Welltown Road and 370 ft west of Welltown Road.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 6.00 in; top of first opening 88 ft, bottom of last opening 97 ft. Drilled domestic water well, cased to 19 ft, open hole 19 to 100 ft.

DATUM.--Land-surface datum is 730 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING, INDICATED BY BLACK ARROW, 1.70 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 Pinesburg Station Dolomite and Rockdale Run Formation of Lower to Middle Ordovician age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.86 ft below land-surface datum, Mar. 28, 2003; lowest measured, 55.39 ft below land-surface datum, Jan. 17, 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 15	46.51	S	--	Sep 24	42.63	S	--

Water year 2009 highest: 42.63 Sep 24, 2009; lowest: 46.51 Jan 15, 2009