



Water-Data Report 2009

391550078080301 Local number 45Y 3.

Valley and Ridge aquifers
Beekmantown Group
Frederick County, VA

LOCATION.--Lat 39°15'50.47", long 78°08'03.46" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070004, 150 ft northwest of the intersection of Branson Spring Road and Welltown Road and 40 ft north of Branson Spring 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 750 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING, INDICATED BY BLACK ARROW, 1.10 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, 16.14 ft below land-surface datum, Mar. 28, 2003; lowest measured, 54.48 ft below land-surface datum, Feb. 21, 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	46.80	S	--	Sep 24	39.80	S	--
Jun 29	31.44	S	--				

Water year 2009 highest: 31.44 Jun 29, 2009; lowest: 46.80 Jan 15, 2009

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