



Water-Data Report 2009

390605078134701 Local number 45W 17.

Valley and Ridge aquifers
 Beekmantown Group
 Frederick County, VA

LOCATION.--Lat 39°06'04.78", long 78°13'47.19" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070007, 1.18 mi southwest of the intersection of Springdale Road and Baltimore & Ohio Railroad and 0.28 mi southeast of Springdale Road.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 400 ft. Upper casing diameter 6.25 in; top of first opening 114 ft, bottom of last opening 369 ft. Drilled domestic water well, cased to 60 ft, open hole 60 to 400 ft.

DATUM.--Land-surface datum is 785 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING (NORTH SIDE) INDICATED BY BLACK ARROW, 1.50 ft above land-surface datum, Aug. 7, 2001, to present.

PERIOD OF RECORD.--August 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, 48.55 ft below land-surface datum, Mar. 25, 2003; lowest measured, 67.27 ft below land-surface datum, Oct. 4, 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	62.09	S	--	Sep 23	62.25	S	--

Water year 2009 highest: 62.09 Jan 14, 2009; lowest: 62.25 Sep 23, 2009