



Water-Data Report 2009

390631078155301 Local number 44W 12.

Valley and Ridge aquifers
Beekmantown Group
Frederick County, VA

LOCATION.--Lat 39°06'30.90", long 78°15'52.87" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070006, 280 ft southeast of the intersection of Middle Road and Carters Lane and 180 ft south of Carters Lane.

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 835 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING (EAST SIDE), INDICATED BY BLACK ARROW, 1.80 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 Stonehenge Limestone of the Beekmantown Group of Lower Ordovician age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.35 ft below land-surface datum, Mar. 25, 2003; lowest measured, 60.91 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 13	47.05	S	--	Sep 23	35.57	S	--

Water year 2009 highest: 35.57 Sep 23, 2009; lowest: 47.05 Jan 13, 2009