



Water-Data Report 2009

391341078021001 Local number 46X111

Valley and Ridge aquifers
 Beekmantown Group
 Clarke County, VA

LOCATION.--Lat 39°13'40.76", long 78°02'10.37" referenced to North American Datum of 1983, Clarke County, VA, Hydrologic Unit 02070004, 0.46 mi northwest of intersection of State Highways 661 and 761.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 300 ft. Upper casing diameter 6 in; top of first opening 280 ft, bottom of last opening 281 ft.

DATUM.--Land-surface datum is 540.88 ft above North American Vertical Datum of 1988. Measuring point: TOP OF STEEL CASING, 1.47 ft above land-surface datum, Oct. 21, 2002, to present.

PERIOD OF RECORD.--October 2002 to April 2009.

GAGE.--Occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in the Beekmantown Group (Undivided) of Lower and Middle Ordovician age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.69 ft below land-surface datum, Apr. 17, 2003; lowest measured, 60.79 ft below land-surface datum, Oct. 19, 2007.

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
Oct 22	57.48	S	--	Apr 22	40.82	S	--

Water year 2009 highest: 40.82 Apr 22, 2009; lowest: 57.48 Oct 22, 2008