



Water-Data Report 2009

390647078170201 Local number 44W 13.

Valley and Ridge aquifers
 Conococheague Formation
 Frederick County, VA

LOCATION.--Lat 39°06'46.73", long 78°17'02.08" referenced to North American Datum of 1983, Frederick County, VA, Hydrologic Unit 02070006, 1.0 mi west of the intersection of Middle Road and Laurel Grove Road and 750 ft south of Laurel Grove Road.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 285 ft. Upper casing diameter 6.00 in; top of first opening undefined, bottom of last opening undefined. Drilled water well, cased to 135 ft, open hole 135 to 285 ft.

DATUM.--Land-surface datum is 930 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING (SOUTH SIDE), INDICATED BY BLACK ARROW, 2.00 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 Conococheague Limestone of Upper Cambrian to Lower Ordovician age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.79 ft below land-surface datum, Mar. 30, 2004; lowest measured, 168.33 ft below land-surface datum, Oct. 3, 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	139.30	S	--	Sep 23	113.42	S	--

Water year 2009 highest: 113.42 Sep 23, 2009; lowest: 139.30 Jan 14, 2009