



Water-Data Report 2009

390253077542301 Local number 47W 86

Piedmont and Blue Ridge crystalline-rock aquifers
 Catoctin Formation
 Clarke County, VA

LOCATION.--Lat 39°02'52.97", long 77°54'22.78" referenced to North American Datum of 1983, Clarke County, VA, Hydrologic Unit 02070007, 6.29 mi southwest of intersection of State Highways 7 and 601.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 400 ft. Upper casing diameter 6 in; top of first opening 259 ft, bottom of last opening 260 ft.

DATUM.--Land-surface datum is 1,675.52 ft above North American Vertical Datum of 1988. Measuring point: TOP OF STEEL CASING, 2.20 ft above land-surface datum, Oct. 23, 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 Catoctin Formation of Neoproterozoic age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.15 ft below land-surface datum, Jan. 19, 2005; lowest measured, 41.14 ft below land-surface datum, Oct. 17, 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 21	36.90	S	--	Apr 22	26.56	S	--

Water year 2009 highest: 26.56 Apr 22, 2009; lowest: 36.90 Oct 21, 2008