



Water-Data Report 2012

390733077503601 Local number 48X 21

Piedmont and Blue Ridge crystalline-rock aquifers
Catoctin Formation

Clarke County, VA

LOCATION.--Lat 39°07'32.58", long 77°50'36.17" referenced to North American Datum of 1983, Clarke County, VA, Hydrologic Unit 02070007, 0.5 mi north of intersection of State Highways 7 and 601.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 423.6 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 1,274.42 ft above North American Vertical Datum of 1988. Measuring point: TOP OF STEEL CASING, 1.30 ft above land-surface datum, Oct. 22, 2002, to present.

PERIOD OF RECORD.--October 2002 to current year.

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, 38.14 ft below land-surface datum, Apr. 6, 2004; lowest measured, 65.20 ft below land-surface datum, Jan. 25, 2008.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[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
Nov 17	51.50	S	--	Jul 2	51.24	S	--
Mar 26	50.80	S	--				

Water year 2012 highest: 50.80, Mar 26, 2012; lowest: 51.50, Nov 17, 2011

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