



Water-Data Report 2008

**385637077062801 Local number MO Ff 33**

Piedmont and Blue Ridge crystalline-rock aquifers  
 Sykesville Formation  
 Montgomery County, MD

LOCATION.--Lat 38°56'41.0", long 77°06'27.8" referenced to North American Datum of 1983, Montgomery County, MD, Hydrologic Unit 02070010, area of the Dalecarlia Reservoir.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 44.5 ft. Upper casing diameter 2 in; top of first opening 24.5 ft, bottom of last opening 44.5 ft. Drilled, observation well.

DATUM.--Land-surface datum is 180.26 ft above North American Vertical Datum of 1988. Measuring point: Top of inner casing, 2.04 ft above land-surface datum, Mar. 2, 2006, to present.

PERIOD OF RECORD.--March 2006 to June 2008 (discontinued).

GAGE.--Water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Investigation of groundwater discharge to the Dalecarlia Reservoir

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 152.79 ft above sea level, April 19, 2007; lowest measured, 150.59 ft above sea level, October 16, 2007.

**WATER SURFACE ELEVATION IN FEET NAVD 1988  
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

[Measurement method: T, electric tape. Water-level status: - , static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 16	150.59	T	--	Feb 19	151.55	T	--
Dec 12	151.67	T	--	Apr 18	151.75	T	--
Jan 25	151.28	T	--	Jun 16	152.36	T	--

Water year 2008; lowest: 150.59 Oct 16, 2007 highest: 152.36 Jun 16, 2008

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