



Water-Data Report 2011

393733077274801 Local number FR Bd 96

Piedmont and Blue Ridge crystalline-rock aquifers
Catoctin Metabasalt

Frederick County, MD

LOCATION.--Lat 39°37'33", long 77°27'48" referenced to North American Datum of 1927, Frederick County, MD, Hydrologic Unit 02070009, 0.4 mi west of Hunting Creek Lake, Cunningham Falls State Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 189 ft. Upper casing diameter 6 in; top of first opening 22 ft, bottom of last opening 189 ft. Drilled, observation, water-table well; open hole below 22 ft.

DATUM.--Land-surface datum is 1,150 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum, July 2003 to present.

PERIOD OF RECORD.--April 1982 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with digital water-level recorder from August 2003 to October 2010.

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well. Missing record due to recorder malfunction.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.96 ft below land surface, March 13, 2010, (recorder); lowest measured, 47.21 ft below land surface, December 16, 1998.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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 27	30.33	T	--	Apr 19	9.53	T	--
Nov 29	23.37	T	--	May 24	12.66	T	--
Dec 29	21.46	T	--	Jun 27	28.51	T	--
Jan 24	24.78	T	--	Jul 27	35.90	T	--
Feb 24	12.90	T	--	Aug 23	39.33	T	--
Mar 28	13.08	T	--	Sep 26	30.98	T	--

Water year 2011 highest: 9.53, Apr 19, 2011; lowest: 39.33, Aug 23, 2011

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