



Water-Data Report 2011

**393738077275101 Local number FR Bd 116**

Undefined Aquifer  
Saprolite

Frederick County, MD

LOCATION.--Lat 39°37'38", long 77°27'51" referenced to North American Datum of 1983, Frederick County, MD, Hydrologic Unit 02070009, 0.4 mi west of Hunting Creek Lake, Cunningham Falls State Park.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 18.5 ft. Upper casing diameter 2 in; top of first opening 13.5 ft, bottom of last opening 18.5 ft. Drilled, observation, water table well.

DATUM.--Land-surface datum is 1,150 ft above North American Vertical Datum of 1988. Measuring point: Top of 6 in. protective casing, 3.15 ft above land-surface datum, Sep. 20, 2006, to present.

PERIOD OF RECORD.--December 2006 to current year.

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

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well. This well was drilled in the overburden near realtime observation well FR Bd 96.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.03 ft below land surface, April 19, 2011; lowest measured, dry on many dates.

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

[Measurement method: T, electric tape. Water-level status: D, site was dry (no water level was recorded); --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 27		T	D	Apr 19	4.03	T	--
Nov 29	17.48	T	--	May 24	6.95	T	--
Dec 29	16.10	T	--	Jun 27		T	D
Jan 24		T	D	Jul 27		T	D
Feb 24	7.43	T	--	Aug 23		T	D
Mar 28	7.40	T	--	Sep 26		T	D

Water year 2011 highest: 4.03, Apr 19, 2011; lowest: dry, many dates

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