

Water-Data Report 2011

394008077005601 Local number CL Ad 47

Piedmont and Blue Ridge crystalline-rock aquifers
 Marburg Formation

Carroll County, MD

LOCATION.--Lat 39°40'06.9", long 77°00'53.5" referenced to North American Datum of 1927, Carroll County, MD, Hydrologic Unit 02070009, at Union Mills Homestead Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 310 ft. Upper casing diameter 6 in; top of first opening 35 ft, bottom of last opening 310 ft. Drilled, observation, water-table well, open hole below 35 ft.

DATUM.--Land-surface datum is 540 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.97 ft above land-surface datum, Aug. 7, 1985, to present.

PERIOD OF RECORD.--August 1985 to current year.

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

REMARKS.--Collection of Basic Records (CBR) observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.00 ft below land surface, February 25, 2003; lowest measured, 4.95 ft below land surface, August 28, 2002.

**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 25	3.59	T	--	Apr 25	2.19	T	--
Nov 22	3.17	T	--	May 23	2.41	T	--
Dec 22	3.37	T	--	Jun 28	4.07	T	--
Jan 24	3.64	T	--	Jul 19	4.01	T	--
Feb 23	2.49	T	--	Aug 18	4.49	T	--
Mar 21	2.51	T	--	Sep 20	2.48	T	--

Water year 2011 highest: 2.19, Apr 25, 2011; lowest: 4.49, Aug 18, 2011

