



Water-Data Report 2010

**394207075514501 Local number CE Ae 73**

Piedmont and Blue Ridge crystalline-rock aquifers  
 Gneisses, On Garret Island, Near Elk Milles, & Rolling Mill, Undivided  
 Cecil County, MD

LOCATION.--Lat 39°42'06.6", long 75°51'45.4" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, Fair Hill Natural Resources Management Area.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 380 ft. Upper casing diameter 6 in; top of first opening 69 ft, bottom of last opening 380 ft.

DATUM.--Land-surface datum is 390 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of fixed part of well cap near lock tab., 1.74 ft above land-surface datum, June 4, 2010, to present.

PERIOD OF RECORD.--June 2010.

GAGE.--Water-level measurements by Maryland Geological Survey personnel.

REMARKS.--Well is monitored as part of a water availability study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.75 ft below land surface, June 10, 2010; lowest measured, 38.85 ft below land surface, June 8, 2010.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM**

**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: S, steel tape; 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
Jun 8	38.85	S	--	Jun 24	23.76	T	--
10	22.75	S	--				

Water year 2010 highest: 22.75, Jun 10, 2010; lowest: 38.85, Jun 8, 2010