



Water-Data Report 2010

392539075593601 Local number CE Dd 165

Northern Atlantic Coastal Plain aquifer system
Magothy Formation
Cecil County, MD

LOCATION.--Lat 39°25'39", long 75°59'36" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, at West View Shores.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 57 ft. Upper casing diameter 4 in; top of first opening 50 ft, bottom of last opening 57 ft. Drilled well.

DATUM.--Land-surface datum is 31.08 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.96 ft above land-surface datum, May 19, 2010, to present.

PERIOD OF RECORD.--May 2010 to August 2010.

GAGE.--Intermittent water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Water levels may be affected by local groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 8.13 ft above sea level, May 19, 2010; lowest static measured, 6.34 ft above sea level, August 17, 2010. Lowest water level affected by pumping measured, 6.29 ft above sea level, June 3, 2010.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: S, steel tape; T, electric tape. Water-level status: --, static; P, site was being pumped.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
May 19	8.13	S	--	Jun 3	6.29	T	P
Jun 3	7.82	T	--	Aug 17	6.34	S	--

Water year 2010 lowest: 6.34, Aug 17, 2010, highest: 8.13, May 19, 2010