



Water-Data Report 2011

392545075592901 Local number CE Dd 176

Northern Atlantic Coastal Plain aquifer system
Upper Patapsco Aquifer In the Patapsco Formation

Cecil County, MD

LOCATION.--Lat 39°25'45", long 75°59'29" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, at West View Shores.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 74 ft. Upper casing diameter 4 in; top of first opening 64 ft, bottom of last opening 74 ft. Drilled well.

DATUM.--Land-surface datum is 34.38 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.75 ft above land-surface datum, June 7, 2010, to present.

PERIOD OF RECORD.--June 2010 to January 2011.

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, 7.04 ft above sea level, June 7, 2010; lowest static measured, 5.11 ft above sea level, January 27, 2011. Lowest water level affected by pumping measured, 12.82 ft below sea level, January 27, 2011.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: 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
Jan 27	5.11	T	--	Jan 27	-6.67	T	P
27	-12.82	T	P				

Water year 2011 lowest: 5.11, Jan 27, 2011, highest: 5.11, Jan 27, 2011