



Water-Data Report 2011

**393026075523101 Local number CE Ce 56**

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

Cecil County, MD

LOCATION.--Lat 39°30'27.4", long 75°52'29.7" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, 1.2 mi east of Courthouse Point.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 121 ft. Upper casing diameter 4 in; top of first opening 116 ft, bottom of last opening 121 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum, Feb. 1983 to present.

PERIOD OF RECORD.--April 1983 to September 1984, April 1988 to current year.

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

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well. Water levels are affected by local and regional groundwater withdrawal. Water-quality records for some prior periods have been collected at this location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.42 ft below land surface, April 4, 1997; lowest measured, 34.48 ft below land surface, November 19, 1983.

**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
Apr 12	29.94	T	--	Sep 15	29.58	T	--

Water year 2011 highest: 29.58, Sep 15, 2011; lowest: 29.94, Apr 12, 2011