



Water-Data Report 2011

**383250076584001 Local number CH Ce 57**

Northern Atlantic Coastal Plain aquifer system  
Patuxent Formation

Charles County, MD

LOCATION.--Lat 38°32'50", long 76°58'40" referenced to North American Datum of 1927, Charles County, MD, Hydrologic Unit 02070011, Heritage Green, LaPlata.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 1,703 ft. Upper casing diameter 6 in; top of first opening 1,406 ft, bottom of last opening 1,698 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 193.47 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter platform, 5.00 ft above land-surface datum, Mar. 1997 to present.

PERIOD OF RECORD.--March 1997 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel. Equipped with digital water-level recorder--60-minute recorder interval, March 1997 to July 1998.

REMARKS.--Charles County Groundwater-Level Monitoring Network observation well. Water levels are affected by regional groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.13 ft above sea level, May 1, 1997 (recorder); lowest measured, 19.99 ft below sea level, September 20, 2011.

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
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
May 5	-18.76	T	--	Sep 20	-19.99	T	--

Water year 2011 lowest: -19.99, Sep 20, 2011, highest: -18.76, May 5, 2011