



Water-Data Report 2011

383251076583901 Local number CH Ce 56

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

Charles County, MD

LOCATION.--Lat 38°32'51", long 76°58'39" referenced to North American Datum of 1927, Charles County, MD, Hydrologic Unit 02070011, Heritage Green, LaPlata.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,268 ft. Upper casing diameter 6 in; top of first opening 896 ft, bottom of last opening 1,258 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 196.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter platform, 2.85 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--15-minute recorder interval, August 1997 to September 2004.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 87.67 ft below sea level, July 15, 1997; lowest measured, 187.11 ft below sea level, September 21, 2007.

**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
Nov 12	-144.71	T	--	May 5	-138.58	T	--
Dec 29	-144.53	T	--	Sep 20	-147.52	T	--
Mar 18	-140.19	T	--				

Water year 2011 lowest: -147.52, Sep 20, 2011, highest: -138.58, May 5, 2011