



Water-Data Report 2011

**383553077032401 Local number CH Bd 52**

Northern Atlantic Coastal Plain aquifer system  
Patuxent Formation

Charles County, MD

LOCATION.--Lat 38°35'53", long 77°03'24" referenced to North American Datum of 1927, Charles County, MD, Hydrologic Unit 02070011, 2.5 mi southeast of Pomonkey, on east side of MD Rt. 227.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 1,105 ft. Upper casing diameter 4 in; top of first opening 1,043 ft, bottom of last opening 1,095 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 47.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 3.00 ft above land-surface datum, Oct. 1996 to present.

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel.

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, 0.95 ft above sea level, November 20, 1996; lowest measured, 60.15 ft below sea level, September 16, 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 6	-57.43	T	--	Sep 16	-60.15	T	--

Water year 2011 lowest: -60.15, Sep 16, 2011, highest: -57.43, May 6, 2011