



Water-Data Report 2011

**381753076310001 Local number SM De 52**

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

St. Mary's County, MD

LOCATION.--Lat 38°17'53", long 76°31'00" referenced to North American Datum of 1927, St. Mary's County, MD, Hydrologic Unit 02070011.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 955 ft. Upper casing diameter 8 in; top of first opening 782 ft, bottom of last opening 955 ft.

DATUM.--Land-surface datum is 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of riser pipe, 0.8 ft above land-surface datum, May 13, 2011, to present.

PERIOD OF RECORD.--May 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.43 ft below sea level, May 2, 2008; lowest measured, 73.07 ft below sea level, September 27, 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
Oct 7	-70.27	T	--	Sep 27	-73.07	T	--
May 11	-69.13	T	--				

Water year 2011 lowest: -73.07, Sep 27, 2011, highest: -69.13, May 11, 2011