



Water-Data Report 2011

381914076331002 Local number SM De 59

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

St. Mary's County, MD

LOCATION.--Lat 38°19'12", long 76°33'10" referenced to North American Datum of 1983, St. Mary's County, MD, Hydrologic Unit 02070011.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 989 ft. Upper casing diameter 10 in; top of first opening 770 ft, bottom of last opening 984 ft.

DATUM.--Land-surface datum is 150 ft above North American Vertical Datum of 1988. Measuring point: Top of vent pipe, 3.1 ft above land-surface datum, May 13, 2011, to present.

PERIOD OF RECORD.--October 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.74 ft below sea level, October 31, 2007;lowest measured, 72.92 ft below sea level, September 27, 2011.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
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	-71.84	T	--	Sep 27	-72.92	T	--
May 11	-70.68	T	--				

Water year 2011 lowest: -72.92, Sep 27, 2011, highest: -70.68, May 11, 2011