



Water-Data Report 2011

381827076350402 Local number SM Dd 78

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

St. Mary's County, MD

LOCATION.--Lat 38°18'27", long 76°35'04" referenced to North American Datum of 1927, St. Mary's County, MD, Hydrologic Unit 02070011.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 945 ft. Upper casing diameter 8 in; top of first opening 766 ft, bottom of last opening 940 ft.

DATUM.--Land-surface datum is 130 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2" pipe, 2.5 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, 60.08 ft below sea level, May 1, 2008;lowest measured, 71.30 ft below sea level, September 27, 2011.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: S, steel tape; T, electric tape. Water-level status: T, nearby site that taps the same aquifer had been pumped recently; --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 7	-70.64	S	T	Sep 27	-71.30	T	--
May 11	-68.74	S	--				

Water year 2011 lowest: -71.30, Sep 27, 2011, highest: -68.74, May 11, 2011