



Water-Data Report 2011

380711076222201 Local number SM Fg 45

Northern Atlantic Coastal Plain aquifer system
Piney Point Formation

St. Mary's County, MD

LOCATION.--Lat 38°07'11", long 76°22'22" referenced to North American Datum of 1927, St. Mary's County, MD, Hydrologic Unit 02070011, Ridge.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 436 ft. Upper casing diameter 6 in; top of first opening 386 ft, bottom of last opening 415 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of sanitary seal, 0.55 ft above land-surface datum, Oct. 20, 1966, to present.

PERIOD OF RECORD.--May 1966 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Maryland 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, 9.83 ft below sea level, May 16, 1967; lowest measured, 29.79 ft below sea level, September 18, 2007.

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

[Measurement method: S, steel tape. Water-level status: - - , static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Apr 27	-28.30	S	--	Sep 21	-28.47	S	--

Water year 2011 lowest: -28.47, Sep 21, 2011, highest: -28.30, Apr 27, 2011