



Water-Data Report 2011

381213076222801 Local number SM Eg 27

Northern Atlantic Coastal Plain aquifer system
Piney Point Formation

St. Mary's County, MD

LOCATION.--Lat 38°12'12.6", long 76°22'25.8" referenced to North American Datum of 1983, St. Mary's County, MD, Hydrologic Unit 02060004, 0.2 mi north of St. James Church Rd and 1.2 mi east of Three Notch Rd, at the St. Marys County Environmental Studies Area.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 320 ft. Upper casing diameter 6 in; top of first opening 310 ft, bottom of last opening 320 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum, July 11, 1990, to present.

PERIOD OF RECORD.--August 1976 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, 19.84 ft below land surface, May 12, 1978; lowest measured, 33.93 below land surface, September 10, 2010.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
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
Apr 25	32.21	T	--	Sep 28	32.17	T	--

Water year 2011 highest: 32.17, Sep 28, 2011; lowest: 32.21, Apr 25, 2011