



Water-Data Report 2009

382838076470102 Local number SM Bb 22

Northern Atlantic Coastal Plain aquifer system
 Piney Point Formation
 St. Mary's County, MD

LOCATION.--Lat 38°28'38", long 76°47'01" referenced to North American Datum of 1927, St. Mary's County, MD, Hydrologic Unit 02070011, at Charlotte Hall Veterans Home.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 218 ft. Upper casing diameter 4 in; top of first opening 210 ft, bottom of last opening 218 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 165.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.55 ft above land-surface datum, April 11, 1990, to present.

PERIOD OF RECORD.--July 1980 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 groundwater withdrawal. On July 12, 1989, the lowest water-level measurement of 27.95 ft below land surface was due to a nearby production well aquifer test.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.27 ft below land surface, July 9, 1980; lowest measured, 22.96 ft below land surface, September 18, 2009--See REMARKS.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[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 28	22.63	T	--	Sep 18	22.96	T	--

Water year 2009 highest: 22.63 Apr 28, 2009; lowest: 22.96 Sep 18, 2009