



Water-Data Report 2011

**381527076283101 Local number SM Df 71**

Northern Atlantic Coastal Plain aquifer system  
Aquia Formation

St. Mary's County, MD

LOCATION.--Lat 38°15'25.1", long 76°28'31.0" referenced to North American Datum of 1983, St. Mary's County, MD, Hydrologic Unit 02070011, off Great Mills Rd, just west of the intersection with Forest Run Dr, Lexington Park.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 560 ft. Upper casing diameter 4 in; top of first opening 550 ft, bottom of last opening 560 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 69.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.80 ft above land-surface datum, Oct. 18, 1990, to present.

PERIOD OF RECORD.--August 1979 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, 119.19 ft below land surface, May 1, 1980; lowest measured, 218.32 ft below land surface, August 29, 2002.

**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 | 200.00      | T                   | --                 | Sep 28 | 207.48      | T                   | --                 |

Water year 2011 highest: 200.00, Apr 25, 2011; lowest: 207.48, Sep 28, 2011