

Water-Data Report 2011

Local number SM Df 61

Northern Atlantic Coastal Plain aquifer system
Aquia Formation

St. Mary's County, MD

LOCATION.-- St. Mary's County, MD, Hydrologic Unit 02070011, at the Naval Air Station Patuxent River.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 600 ft. Upper casing diameter 8 in; top of first opening 580 ft, bottom of last opening 600 ft. Drilled, artesian well.

DATUM.--Land-surface datum is 108.86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of PVC tube, 1.70 ft above land-surface datum, Sep. 1999 to present.

PERIOD OF RECORD.--September 1984 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with digital water-level recorder--15-minute recording interval, September 1999 to June 2004.

REMARKS.--Naval Air Station Patuxent River Groundwater Hydrology project well. Water levels are affected by local and regional groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.14 ft below sea level, March 3, 1964; lowest measured, 200.40 ft below sea level, August 16 and 22, 2002 (recorder).

**WATER SURFACE ELEVATION IN FEET NGVD 1929
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 27	-141.41	T	--	Jul 19	-152.34	T	--

Water year 2011 lowest: -152.34, Jul 19, 2011, highest: -141.41, Apr 27, 2011