



Water-Data Report 2009

Local number SM Ff 62

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 Webster Field Annex.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 539 ft. Upper casing diameter 8 in; top of first opening 486 ft, bottom of last opening 536 ft. Drilled, artesian well.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2.5 in. vent pipe, 2.20 ft above land-surface datum, Feb. 2006 to present.

PERIOD OF RECORD.--February 2006 to current year.

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

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, 81.82 ft below sea level, July 9, 2008; lowest measured, 102.15 ft below sea level, July 7, 2009 (recovering water level due to recent pumpage).

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[Measurement method: S, steel tape. Water-level status: --, static; R, site had been pumped recently.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Jan 22	-87.40	S	--	Jul 7	-102.15	S	R

Water year 2009; lowest: -102.15 Jul 7, 2009 highest: -87.40 Jan 22, 2009