



Water-Data Report 2009

**382528076280701 Local number CA Ed 42**

Northern Atlantic Coastal Plain aquifer system  
Aquia Formation  
Calvert County, MD

LOCATION.--Lat 38°25'52", long 76°27'48" referenced to North American Datum of 1927, Calvert County, MD, Hydrologic Unit 02060006, near St. Leonards, MD.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 620 ft. Upper casing diameter 4 in; top of first opening 594 ft, bottom of last opening 620 ft. Drilled, artesian well.

DATUM.--Land-surface datum is 121.72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.84 ft above land-surface datum, Aug. 17, 1978, to present.

PERIOD OF RECORD.--August 17, 1978 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 regional groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 138.56 ft below land surface, August 17, 1978; lowest measured, 214.15 ft below land surface, September 22, 2004.

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

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measurement method	Water- level status
Sep 25	200.63	S	--