



Water-Data Report 2011

**390456076432501 Local number AA Cc 121**

Northern Atlantic Coastal Plain aquifer system  
Patuxent Formation

Anne Arundel County, MD

LOCATION.--Lat 39°04'56", long 76°43'25" referenced to North American Datum of 1927, Anne Arundel County, MD, Hydrologic Unit 02060006.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 683.67 ft. Upper casing diameter 2 in; top of first opening 583 ft, bottom of last opening 683.67 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 119 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pipe, 3.00 ft above land-surface datum, Oct. 2, 2008, to present.

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

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

REMARKS.--Water levels are affected by local groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured, 72.41 ft above sea level, September 23, 2011 ; lowest measured, 43.15 ft below sea level, October 24, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: T, electric tape. Water-level status: S, nearby site that taps the same aquifer was being pumped.]

<b>Date</b>	<b>Water level</b>	<b>Measurement method</b>	<b>Water- level status</b>
Sep 23	72.41	T	S