

Water-Data Report 2011

390524076442501 Local number AA Bc 163

Northern Atlantic Coastal Plain aquifer system
Patuxent Formation

Anne Arundel County, MD

LOCATION.--Lat 39°05'24", long 76°44'25" referenced to North American Datum of 1927, Anne Arundel County, MD, Hydrologic Unit 02060006.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 604 ft. Upper casing diameter 4 in; top of first opening 542 ft, bottom of last opening 552 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 135.11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pipe, 2.70 ft above land-surface datum, Oct. 1, 2008, to present.

PERIOD OF RECORD.--February 1968 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, 65.11 ft above sea level, February 1, 1968 ; lowest measured, 29.04 ft below sea level, October 5, 2005.

**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.]

Date	Water level	Measurement method	Water- level status
Sep 23	4.57	T	S