



Water-Data Report 2011

390756076464202 Local number AA Bb 92

Northern Atlantic Coastal Plain aquifer system
Patuxent Formation

Anne Arundel County, MD

LOCATION.--Lat 39°07'56", long 76°46'42" referenced to North American Datum of 1983, Anne Arundel County, MD, Hydrologic Unit 02060006.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 87 ft. Upper casing diameter 4.5 in; top of first opening 57 ft, bottom of last opening 82 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 174.44 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 1.61 ft above land-surface datum, May 29, 2009, to present.

PERIOD OF RECORD.--May 2009 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with a digital water-level recorder - 15 minute recording interval, June 2009 to September 2009.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 137.78 ft above sea level, June 18, 2009 (recorder); lowest measured, 136.27 ft above sea level, September 25 and 26, 2009 (recorder).

**WATER SURFACE ELEVATION IN FEET NAVD 1988
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
Oct 22	136.58	T	--	Aug 2	136.31	T	--
Apr 14	136.94	T	--	Sep 30	136.91	T	--

Water year 2011 lowest: 136.31, Aug 2, 2011, highest: 136.94, Apr 14, 2011