



Water-Data Report 2011

**390450076343402 Local number AA Ce 117**

Northern Atlantic Coastal Plain aquifer system  
Patuxent Formation

Anne Arundel County, MD

LOCATION.--Lat 39°04'50", long 76°34'33" referenced to North American Datum of 1983, Anne Arundel County, MD, Hydrologic Unit 02060004, 0.1 mi southwest of intersection of Severndale Road and Southway Road.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 922 ft. Upper casing diameter 6 in; top of first opening 836 ft, bottom of last opening 922 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter platform, 0.50 ft above land-surface datum, Aug. 17, 2001, to present.

PERIOD OF RECORD.--September 1972 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel. Equipped with digital water-level recorder--30-minute recorder interval from August 1977 to April 1980, and August 1983 to September 2002.

REMARKS.--Anne Arundel County Groundwater-Level Monitoring Network observation well. Water levels are affected by local groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.52 ft above sea level, May 15, 1975; lowest measured, 28.66 ft below sea level, September 26, 2002 (recorder).

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
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
Nov 12	-5.33	T	--	Apr 14	-.96	T	--
Dec 14	-4.11	T	--	Jun 8	-2.03	T	--
Feb 17	-1.81	T	--	Aug 30	-5.52	T	--

Water year 2011 lowest: -5.52, Aug 30, 2011, highest: -.96, Apr 14, 2011

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