



Water-Data Report 2011

390004076420001 Local number AA Cc 102

Northern Atlantic Coastal Plain aquifer system
Patuxent Formation

Anne Arundel County, MD

LOCATION.--Lat 39°00'04", long 76°42'00" referenced to North American Datum of 1927, Anne Arundel County, MD, Hydrologic Unit 02060006, on east side of MD Rt. 3, 1.2 mi south of MD Rt. 424.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 960 ft. Upper casing diameter 10 in; top of first opening 850 ft, bottom of last opening 960 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 53.96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter platform, 3.30 ft above land-surface datum, Sep. 27, 2004, to present.

PERIOD OF RECORD.--1972 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel. Equipped with digital water-level recorder--30-minute recording interval, October 2004 to July 2005.

REMARKS.--Formerly production well Crofton #3. Maryland Groundwater-Level Monitoring Network observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.82 ft above sea level, Dec 01, 1972; lowest measured, 32.36 ft below sea level, May 15, 2003.

**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	-9.89	T	--	Apr 14	1.25	T	--
Dec 17	-4.37	T	--	Jun 8	-2.05	T	--
Feb 17	2.28	T	--	Aug 30	-6.99	T	--

Water year 2011 lowest: -9.89, Nov 12, 2010, highest: 2.28, Feb 17, 2011

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