



Water-Data Report 2011

**391032076385902 Local number AA Ad 90**

Northern Atlantic Coastal Plain aquifer system  
Patuxent Formation

Anne Arundel County, MD

LOCATION.--Lat 39°10'32", long 76°38'59" referenced to North American Datum of 1927, Anne Arundel County, MD, Hydrologic Unit 02060003, off Aviation Blvd, 0.5 mi north of Dorsey Road intersection, Glen Burnie.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 453 ft. Upper casing diameter 6 in; top of first opening 438 ft, bottom of last opening 453 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 77.85 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter platform, 2.20 ft above land-surface datum, April 2, 1991, to present.

PERIOD OF RECORD.--April 1977 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel. Equipped with graphic water-level recorder from August 1977 to September 1979. Equipped with digital water-level recorder--30-minute recorder interval from March 1980 to December 1984, and August 1989 to February 2006.

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, 22.87 ft above sea level, November 20, 1978 (recorder); lowest measured, 85.10 ft below sea level, August 25, 2006.

**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	-43.49	T	--	Apr 14	-38.43	T	--
Dec 14	-48.98	T	--	Jun 8	-70.39	T	--
Feb 17	-47.33	T	--	Aug 30	-62.85	T	--

Water year 2011 lowest: -70.39, Jun 8, 2011, highest: -38.43, Apr 14, 2011

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