



Water-Data Report 2011

390737076374402 Local number AA Bd 159

Northern Atlantic Coastal Plain aquifer system
Upper Patapsco Aquifer In the Patapsco Formation

Anne Arundel County, MD

LOCATION.--Lat 39°07'37.5", long 76°37'44.7" referenced to North American Datum of 1983, Anne Arundel County, MD, Hydrologic Unit 02060003, near Rippling Woods Elementary School, off Nolfield Dr, 0.1 mi east of Phrine Rd.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 99 ft. Upper casing diameter 4 in; top of first opening 89 ft, bottom of last opening 99 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 75.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum, April 2, 1991, to present.

PERIOD OF RECORD.--March 1985 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with digital water-level recorder--60-minute recorder interval from March 1985 to July 1989.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.77 ft below land surface, September 14, 1987; lowest measured, 42.38 ft below land surface, September 7, 1995.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
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
Apr 26	37.05	T	--	Sep 21	37.24	T	--

Water year 2011 highest: 37.05, Apr 26, 2011; lowest: 37.24, Sep 21, 2011