



Water-Data Report 2011

390123076241601 Local number AA Cg 22

Northern Atlantic Coastal Plain aquifer system
Patuxent Formation

Anne Arundel County, MD

LOCATION.--Lat 39°01'23", long 76°24'16" referenced to North American Datum of 1927, Anne Arundel County, MD, Hydrologic Unit 02060004, 1,500 ft northeast of Oceanic Dr. and South Beach Rd., at Sandy Point State Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,760 ft. Upper casing diameter 8 in; top of first opening 1,735 ft, bottom of last opening 1,755 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 12.61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum, Dec. 23, 2002, to present.

PERIOD OF RECORD.--September 1978 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.47 ft above sea level, September 6, 1979; lowest measured, 9.37 ft below sea level, January 3, 2005.

**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
Apr 27	-7.43	T	--	Sep 26	-7.44	T	--

Water year 2011 lowest: -7.44, Sep 26, 2011, highest: -7.43, Apr 27, 2011