



Water-Data Report 2011

390123076241603 Local number AA Cg 24

Northern Atlantic Coastal Plain aquifer system
Upper Patapsco Aquifer In the Patapsco 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 664 ft. Upper casing diameter 6 in; top of first opening 605 ft, bottom of last opening 658 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 12.68 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 3.16 ft above land-surface datum, Sep. 1978 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 regional groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.21 ft above sea level, August 15, 1980; lowest measured, 19.28 ft below sea level, September 24, 2010.

**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	-16.87	T	--	Sep 26	-19.06	T	--

Water year 2011 lowest: -19.06, Sep 26, 2011, highest: -16.87, Apr 27, 2011