



Water-Data Report 2011

383244076354201 Local number CA Db 96

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

Calvert County, MD

LOCATION.--Lat 38°32'44", long 76°35'42" referenced to North American Datum of 1927, Calvert County, MD, Hydrologic Unit 02060006, off of West Dares Beach Rd., Prince Frederick.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 970 ft. Upper casing diameter 4 in; top of first opening 930 ft, bottom of last opening 960 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 151.56 ft above North American Vertical Datum of 1988. Measuring point: Top of recorder shelter platform, 3.00 ft above land-surface datum, Mar. 2003 to present.

PERIOD OF RECORD.--March 2003 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with digital water-level recorder--60-minute recording interval, March 2003 to September 2005.

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.09 ft below sea level, April 12, 2003 (recorder); lowest measured, 44.93 ft below sea level, September 20, 2011.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
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 25	-44.17	T	--	Sep 20	-44.93	T	--

Water year 2011 lowest: -44.93, Sep 20, 2011, highest: -44.17, Apr 25, 2011