



Water-Data Report 2011

**391815075472101 Local number KE Bg 33**

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

Kent County, MD

LOCATION.--Lat 39°18'13.6", long 75°47'19.8" referenced to North American Datum of 1983, Kent County, MD, Hydrologic Unit 02060002, 2 mi east of Massey, at Millington Wildlife Management Area.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 710 ft. Upper casing diameter 4 in; top of first opening 695 ft, bottom of last opening 700 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.50 ft above land-surface datum, Sep. 1978 to present.

PERIOD OF RECORD.--October 1978, March 1979 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well. Water levels are affected by regional groundwater withdrawal. Water-quality records for some prior periods have been collected at this location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.62 ft below land surface, June 5, 1979; lowest measured, 83.32 ft below land surface, September 27, 2010.

**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 12	80.79	T	--	Sep 16	83.13	T	--

Water year 2011 highest: 80.79, Apr 12, 2011; lowest: 83.13, Sep 16, 2011