



Water-Data Report 2011

**392007076075501 Local number KE Ac 20**

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

Kent County, MD

LOCATION.--Lat 39°20'05.7", long 76°07'53.4" referenced to North American Datum of 1983, Kent County, MD, Hydrologic Unit 02060002, at end of Still Pond Neck Road, near Meeks Point.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 600 ft. Upper casing diameter 4 in; top of first opening 550 ft, bottom of last opening 560 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.30 ft above land-surface datum, Oct. 20, 1993, to present.

PERIOD OF RECORD.--December 1977 to December 1978, March 1981, December 1985, October 1986 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 local and regional groundwater withdrawal. Water-quality records for some prior periods have been collected.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.50 ft below land surface, April 13, 1978, May 5, 1978, and December 11, 1985; lowest measured, 7.94 ft below land surface, September 16, 2011.

**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 13	6.84	T	--	Sep 16	7.94	T	--

Water year 2011 highest: 6.84, Apr 13, 2011; lowest: 7.94, Sep 16, 2011