



Water-Data Report 2011

391124076101005 Local number KE Cb 103

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

Kent County, MD

LOCATION.--Lat 39°11'23.5", long 76°10'06.1" referenced to North American Datum of 1983, Kent County, MD, Hydrologic Unit 02060002, 1.3 mi southeast of McCleans Corner, at Remington Farms.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 404 ft. Upper casing diameter 4 in; top of first opening 389 ft, bottom of last opening 399 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 65.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel casing, 2.54 ft above land-surface datum, Oct. 28, 1993, to present.

PERIOD OF RECORD.--February 1992 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with digital water-level recorder--60-minute recorder interval from February 1992 to October 1993.

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, 65.64 ft below land surface, April 2, 1992; lowest measured, 73.90 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	72.82	T	--	Sep 16	73.90	T	--

Water year 2011 highest: 72.82, Apr 13, 2011; lowest: 73.90, Sep 16, 2011