



Water-Data Report 2011

**390837076140401 Local number KE Db 40**

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

Kent County, MD

LOCATION.--Lat 39°08'37.6", long 76°14'03.0" referenced to North American Datum of 1983, Kent County, MD, Hydrologic Unit 02060002, near Rock Hall.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 1,030 ft. Upper casing diameter 4 in; top of first opening 1,019 ft, bottom of last opening 1,030 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.65 ft above land-surface datum, Nov. 1978 to present.

PERIOD OF RECORD.--December 1978 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, 11.08 ft below land surface, October 30, 1980; lowest measured, 23.66 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 | 22.90       | T                   | --                 | Sep 16 | 23.66       | T                   | --                 |

Water year 2011 highest: 22.90, Apr 13, 2011; lowest: 23.66, Sep 16, 2011