



Water-Data Report 2011

393637075535002 Local number CE Be 74

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

Cecil County, MD

LOCATION.--Lat 39°32'41.3", long 75°50'01.3" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, 2 mi west of Elkton, near US Rt. 40.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 115 ft. Upper casing diameter 2 in; top of first opening 110 ft, bottom of last opening 115 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 160 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum, Nov. 1982 to present.

PERIOD OF RECORD.--November 1982 to November 1984, April 1988 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, 82.12 ft below land surface, July 31, 1984; lowest measured, 88.20 ft below land surface, February 26, 2003.

**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	85.19	T	--	Sep 15	85.17	T	--

Water year 2011 highest: 85.17, Sep 15, 2011; lowest: 85.19, Apr 12, 2011