



Water-Data Report 2011

383934076320001 Local number CA Cc 56

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Calvert County, MD

LOCATION.--Lat 38°39'34", long 76°32'00" referenced to North American Datum of 1927, Calvert County, MD, Hydrologic Unit 02060004, near the northwest corner of Karen Drive and MD Rt. 261.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 724 ft. Upper casing diameter 6 in; top of first opening 704 ft, bottom of last opening 724 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 96.11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pipe flange, 3.50 ft above land-surface datum, Feb. 14, 1974, to present.

PERIOD OF RECORD.--February 14, 1974 to current year.

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

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 83.00 ft below land surface, February 14, 1974; lowest measured, 135.19 ft below land surface, September 20, 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 25	134.70	T	--	Sep 20	135.19	T	--

Water year 2011 highest: 134.70, Apr 25, 2011; lowest: 135.19, Sep 20, 2011