

Water-Data Report 2011

384028076354201 Local number CA Bb 10

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Calvert County, MD

LOCATION.--Lat 38°40'28", long 76°35'42" referenced to North American Datum of 1927, Calvert County, MD, Hydrologic Unit 02060006, near northeast corner of Route 2 and Pushaw Station Road.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 703 ft. Upper casing diameter 6 in; top of first opening 688 ft, bottom of last opening 703 ft. Drilled, artesian well.

DATUM.--Land-surface datum is 186.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of manhole rim, 2 ft below land-surface datum, Oct. 24, 2003, to present.

PERIOD OF RECORD.--December 4, 1951 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 167.00 ft below land surface, December 4, 1951; lowest measured, 224.65 ft below land surface, September 22, 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
Oct 7	224.47	T	--	Sep 22	224.65	T	--
Apr 15	223.08	T	--				

Water year 2011 highest: 223.08, Apr 15, 2011; lowest: 224.65, Sep 22, 2011