



Water-Data Report 2011

383940076314801 Local number CA Cc 18

Northern Atlantic Coastal Plain aquifer system
Aquia Formation

Calvert County, MD

LOCATION.--Lat 38°39'41.1", long 76°31'47.0" referenced to North American Datum of 1983, Calvert County, MD, Hydrologic Unit 02060004, Randle Cliff.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 476 ft. Upper casing diameter 4 in; top of first opening 462 ft, bottom of last opening 476 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 111.31 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum, Feb. 4, 1965, to present.

PERIOD OF RECORD.--September 1958 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with water-level recorder September 1958 to December 1962.

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well. Water levels are affected by local and regional groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.68 ft below land surface, September 10, 1952; lowest measured, 166.29 ft below land surface, September 15, 2010.

**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	162.09	T	--	Sep 20	166.00	T	--

Water year 2011 highest: 162.09, Apr 25, 2011; lowest: 166.00, Sep 20, 2011