



Water-Data Report 2011

381952076270901 Local number CA Gd 6

Northern Atlantic Coastal Plain aquifer system
Aquia Formation

Calvert County, MD

LOCATION.--Lat 38°19'52", long 76°27'09" referenced to North American Datum of 1927, Calvert County, MD, Hydrologic Unit 02060001, at the Lord Calvert Yacht Club, 0.5 mi northeast of Solomons.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 493 ft. Upper casing diameter 8 in; top of first opening 472 ft, bottom of last opening 493 ft. Drilled, artesian well.

DATUM.--Land-surface datum is 12.58 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of manhole cover rim, 6.59 ft above land-surface datum, June 5, 1996, to present.

PERIOD OF RECORD.--October 1949 to current year.

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

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well. Water level reported at land surface 1942. Water levels are affected by local and regional groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.21 ft below land surface, May 19, 1950 (see remarks); lowest measured, 166.59 ft below land surface, August 23, 2006.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: S, steel 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	145.63	S	--	Sep 20	154.99	S	--

Water year 2011 highest: 145.63, Apr 25, 2011; lowest: 154.99, Sep 20, 2011