



Water-Data Report 2011

**385852076195202 Local number QA Eb 157**

Northern Atlantic Coastal Plain aquifer system  
Aquia Formation

Queen Annés County, MD

LOCATION.--Lat 38°58'52", long 76°19'52" referenced to North American Datum of 1927, Queen Annés County, MD, Hydrologic Unit 02060002, north of US Rt. 50, Terrapin Beach Park, Kent Island.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 120 ft. Upper casing diameter 4 in; top of first opening 110 ft, bottom of last opening 120 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 11.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum, Oct. 1984 to present.

PERIOD OF RECORD.--Intermittent water-quality samples collected from water year 1984 to current year.

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

REMARKS.--Kent Island Groundwater Monitoring Network observation well. Water levels are affected by local groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.40 ft below land surface, December 2, 1985; lowest measured, 14.19 ft below land surface, August 22, 2002.

**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 21	11.71	T	--	Sep 26	11.95	T	--
Aug 16	12.21	T	--				

Water year 2011 highest: 11.71, Apr 21, 2011; lowest: 12.21, Aug 16, 2011