



Water-Data Report 2011

385852076195201 Local number QA Eb 156

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, at Terrapin Beach Park, Kent Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 220 ft. Upper casing diameter 4 in; top of first opening 210 ft, bottom of last opening 220 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 12.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.20 ft above land-surface datum, Nov. 1989 to present.

PERIOD OF RECORD.--October 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, 11.97 ft below land surface, August 1, 1990; lowest measured, 15.81 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	13.51	T	--	Sep 26	13.78	T	--
Aug 16	13.93	T	--				

Water year 2011 highest: 13.51, Apr 21, 2011; lowest: 13.93, Aug 16, 2011