



Water-Data Report 2011

385748076172001 Local number QA Eb 113

Northern Atlantic Coastal Plain aquifer system
Aquia Formation

Queen Annés County, MD

LOCATION.--Lat 38°57'48", long 76°17'20" referenced to North American Datum of 1927, Queen Annés County, MD, Hydrologic Unit 02060002, near Chester, Kent Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 216 ft. Upper casing diameter 6 in; top of first opening 176 ft, bottom of last opening 216 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 11.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.60 ft above land-surface datum, Nov. 25, 2002, to present.

PERIOD OF RECORD.--October 1982 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel. Equipped with graphic water-level recorder from June 1986 to October 1994.

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, 14.28 ft below land surface, April 1, 1983; lowest measured, 24.68 ft below land surface, October 29, 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	17.99	T	--	Sep 26	19.95	T	--

Water year 2011 highest: 17.99, Apr 21, 2011; lowest: 19.95, Sep 26, 2011