



Water-Data Report 2011

**385751076171603 Local number QA Eb 110**

Northern Atlantic Coastal Plain aquifer system  
Patuxent Formation

Queen Annés County, MD

LOCATION.--Lat 38°57'51", long 76°17'16" referenced to North American Datum of 1927, Queen Annés County, MD, Hydrologic Unit 02060002, near Chester, Kent Island.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 2,475 ft. Upper casing diameter 4 in; top of first opening 2,413 ft, bottom of last opening 2,475 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 13.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.36 ft above land-surface datum, Jan. 4, 1991, to present.

PERIOD OF RECORD.--January 1980 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 regional groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.99 ft above land surface, January 21, 1980; lowest measured, 12.79 ft below land surface, April 21, 2011.

**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	12.79	T	--	Sep 26	12.54	T	--

Water year 2011 highest: 12.54, Sep 26, 2011; lowest: 12.79, Apr 21, 2011