



Water-Data Report 2011

**363338076261102 Local number 59A 34**

Northern Atlantic Coastal Plain aquifer system  
Quaternary System

Chesapeake City, VA

LOCATION.--Lat 36°33'38.1", long 76°26'10.6" referenced to North American Datum of 1983, Chesapeake City, VA, Hydrologic Unit 03010205, in Great Dismal Swamp National Wildlife Refuge.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 5.60 ft. Upper casing diameter 2.0 in; top of first opening 4.6 ft, bottom of last opening 5.6 ft. Open interval is a gravel pack extending up from the bottom of an open pipe.

DATUM.--Land-surface datum is 16.73 ft above North American Vertical Datum of 1988. Measuring point: MP IS TOC, 1.6 ft above land-surface datum, April 30, 2009, to present.

PERIOD OF RECORD.--June 2009 to current year.

GAGE.--Occasional measurement with chalked and electric tape by USGS personnel.

REMARKS.--Well is located in Columbia aquifer of Quaternary age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.41 ft above land-surface datum, Dec. 11, 2009 and Oct. 5, 2010; lowest measured, 2.30 ft below land-surface datum, July 28, 2010.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
(READINGS ABOVE LAND SURFACE INDICATED BY "+")  
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
Oct 5	+41	T	--	Jan 19	.48	T	--
Dec 9	.89	T	--	Mar 24	.31	T	--

Water year 2011 highest: +.41, Oct 5, 2010; lowest: .89, Dec 9, 2010

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