



Water-Data Report 2011

**363319076254003 Local number 59A 62**

Northern Atlantic Coastal Plain aquifer system  
Quaternary System

Chesapeake City, VA

LOCATION.--Lat 36°33'19.0", long 76°25'39.6" 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 8. ft. Upper casing diameter 2.0 in; top of first opening 7 ft, bottom of last opening 8 ft. Open interval is a gravel pack extending up from the bottom of an open pipe.

DATUM.--Land-surface datum is 17.48 ft above North American Vertical Datum of 1988. Measuring point: MP IS TOC, 2.15 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, 0.79 ft below land-surface datum, Mar. 18, Apr. 28, 2010; lowest measured, 0.91 ft below land-surface datum, Sept. 15, Oct. 23, 2009.

**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
Oct 6	.88	T	--	Jan 21	.84	T	--
Dec 8	.85	T	--	Mar 24	.81	T	--

Water year 2011 highest: .81, Mar 24, 2011; lowest: .88, Oct 6, 2010

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