

Water-Data Report 2011

**363319076264302 Local number 59A 70**

Northern Atlantic Coastal Plain aquifer system  
Quaternary System

Chesapeake City, VA

LOCATION.--Lat 36°33'19.3", long 76°26'43.3" 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 6.50 ft. Upper casing diameter 2.0 in; top of first opening 5.5 ft, bottom of last opening 6.5 ft. Open interval is a gravel pack extending up from the bottom of an open pipe.

DATUM.--Land-surface datum is 17.68 ft above North American Vertical Datum of 1988. Measuring point: MP IS TOC, 2.10 ft above land-surface datum, April 29, 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, 0.08 ft below land-surface datum, Dec. 10, 2009; lowest measured, 1.97 ft below land-surface datum, July 27, 2010.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: S, steel tape; 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	.10	S	--	Mar 24	.38	S	--
Dec 9	.73	S	--	Jun 13	1.37	T	--

Water year 2011 highest: .10, Oct 5, 2010; lowest: 1.37, Jun 13, 2011

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