



Water-Data Report 2011

363309076261103 Local number 59A 44

Northern Atlantic Coastal Plain aquifer system
Quaternary System

Chesapeake City, VA

LOCATION.--Lat 36°33'08.9", long 76°26'11.1" 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 9.60 ft. Upper casing diameter 2.0 in; top of first opening 8.6 ft, bottom of last opening 9.6 ft. Open interval is a gravel pack extending up from the bottom of an open pipe.

DATUM.--Land-surface datum is 18.02 ft above North American Vertical Datum of 1988. Measuring point: MP IS TOC, 3.40 ft above land-surface datum, May 19, 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, 0.59 ft below land-surface datum, Jan. 19, 2011; lowest measured, 1.46 ft below land-surface datum, June 19, 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	1.08	T	--	Mar 24	.77	T	--
Jan 19	.59	T	--				

Water year 2011 highest: .59, Jan 19, 2011; lowest: 1.08, Oct 6, 2010

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