



Water-Data Report 2011

363319076253802 Local number 59A 58

Northern Atlantic Coastal Plain aquifer system
Quaternary System

Chesapeake City, VA

LOCATION.--Lat 36°33'18.6", long 76°25'37.5" 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. ft. Upper casing diameter 2.0 in; top of first opening 5 ft, bottom of last opening 6 ft. Open interval is a gravel pack extending up from the bottom of an open pipe.

DATUM.--Land-surface datum is 17.14 ft above North American Vertical Datum of 1988. Measuring point: MP IS TOC, 4.30 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, 0.18 ft above land-surface datum, Mar. 24, 2011; lowest measured, 0.81 ft below land-surface datum, July 29, 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 6	.21	T	--	Jan 21	.37	T	--
Dec 8	.40	T	--	Mar 24	+.18	T	--

Water year 2011 highest: +.18, Mar 24, 2011; lowest: .40, Dec 8, 2010

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