



Water-Data Report 2011

363319076264802 Local number 59A 76

Northern Atlantic Coastal Plain aquifer system
Quaternary System

Chesapeake City, VA

LOCATION.--Lat 36°33'19.4", long 76°26'48.0" 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 5.30 ft. Upper casing diameter 2.0 in; top of first opening 4.3 ft, bottom of last opening 5.3 ft. Open interval is a gravel pack extending up from the bottom of an open pipe.

DATUM.--Land-surface datum is 17.4 ft above North American Vertical Datum of 1988. Measuring point: MP IS TOC, 3.30 ft above land-surface datum, April 28, 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, 0.36 ft above land-surface datum, Oct. 5, 2010; lowest measured, 1.90 ft below land-surface datum, July 30, 2010.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
(READINGS ABOVE LAND SURFACE INDICATED BY "+")
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	+0.36	S	--	Mar 24	.17	S	--
Dec 9	.74	S	--	Jun 13	1.17	T	--
Jan 18	.47	S	--				

Water year 2011 highest: +0.36, Oct 5, 2010; lowest: 1.17, Jun 13, 2011

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