



Water-Data Report 2012

**364227076074711 Local number 61B 17 SOW 091K**

Northern Atlantic Coastal Plain aquifer system  
Upper Chesapeake Group

Chesapeake City, VA

LOCATION.--Lat 36°42'27", long 76°07'47" referenced to North American Datum of 1927, Chesapeake City, VA, Hydrologic Unit 03010205, 300 ft south of Lockheed Avenue, 0.7 mi east of intersection of State Highway 165 and Lockheed Avenue, 3.8 mi east of Fentress. Owner: Virginia Department of Environmental Quality.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 108 ft. Upper casing diameter 4.50 in; top of first opening 88 ft, bottom of last opening 98 ft. Drilled observation water well, diameter 2 in. from 80 to 108 ft, screened 88 to 98 ft.

DATUM.--Land-surface datum is 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.10 ft above land-surface datum, June 22, 2005, to present.

PERIOD OF RECORD.--March 1989 to current year.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to July 6, 1995, bimonthly measurement with chalked tape.

REMARKS.--Well is located in Yorktown-Eastover aquifer of Miocene-Pliocene age. Records provided by the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.00 ft below land-surface datum, Jan. 30, 1991; lowest measured, 10.18 ft below land-surface datum, Nov. 6, 2007.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: S, steel tape. Water-level status: - - , static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Nov 2	7.75	S	--	May 3	6.64	S	--
Jan 24	6.40	S	--	Jul 31	7.23	S	--

Water year 2012 highest: 6.40, Jan 24, 2012; lowest: 7.75, Nov 2, 2011

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