



Water-Data Report 2012

**372506076511706 Local number 56H 30 SOW 177F**

Northern Atlantic Coastal Plain aquifer system  
Upper Chesapeake Group

James City County, VA

LOCATION.--Lat 37°24'51", long 76°51'33" referenced to North American Datum of 1927, James City County, VA, Hydrologic Unit 02080206, on the northwest side of State Highway 601, 0.7 mi north of the intersection of State Highways 168 and 601, and 3.15 mi west of the intersection of U.S. Highway 60 and State Highway 168. Owner: Virginia Department of Environmental Quality.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 4.00 in; top of first opening 50 ft, bottom of last opening 60 ft. Drilled observation water well, screened 50 to 60 ft.

DATUM.--Land-surface datum is 103 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.10 ft above land-surface datum, Dec. 4, 1989, to present.

PERIOD OF RECORD.--April 1985 to current year. Unpublished records available prior to October 1986 in files of the USGS.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Sept. 28, 1995 to Sept. 30, 1999, occasional measurement with chalked tape by USGS personnel. Sept. 25, 1991 to Sept. 28, 1995, monthly measurement with chalked tape. Sept. 20, 1989 to Sept. 25, 1991, occasional measurement with chalked tape. Prior to Sept. 20, 1989, digital recorder, 60-minute punch.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.73 ft below land-surface datum, June 29, 1998; lowest measured, 26.82 ft below land-surface datum, Oct. 24, 2002.

**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
Dec 14	20.91	S	--	May 17	20.97	S	--
Feb 22	21.29	S	--	Aug 13	21.80	S	--

Water year 2012 highest: 20.91, Dec 14, 2011; lowest: 21.80, Aug 13, 2012

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