

Water-Data Report 2012

372315076415001 Local number 57H 14 SOW 095

Northern Atlantic Coastal Plain aquifer system
Upper Chesapeake Group

James City County, VA

LOCATION.--Lat 37°23'15", long 76°41'50" referenced to North American Datum of 1927, James City County, VA, Hydrologic Unit 02080107, 500 ft north of State Highway 606, 0.8 mi east of intersection of State Highway 606 and 646, and 3.3 mi east of Croaker. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 123 ft. Upper casing diameter 4.00 in; top of first opening 118 ft, bottom of last opening 123 ft. Drilled unused water well, screened 118 to 123 ft.

DATUM.--Land-surface datum is 93 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.40 ft above land-surface datum, Mar. 3, 1988, to present.

PERIOD OF RECORD.--September 1978 to current year. Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Sept. 30, 1985, to July 10, 1995, bimonthly measurement with chalked tape. Prior to Sept. 30, 1985, occasional 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. Water level affected by local pumpage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.00 ft below land-surface datum, Sept. 21, 1978; lowest measured, 56.18 ft below land-surface datum, May 6, 2003.

**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	54.05	S	--	May 17	54.53	S	--
Feb 22	54.33	S	--	Aug 13	55.10	S	--

Water year 2012 highest: 54.05, Dec 14, 2011; lowest: 55.10, Aug 13, 2012

372315076415001 Local number 57H 14 SOW 095—Continued

