

Water-Data Report 2011

**370253076431202 Local number 57E 15 SOW 144C**

Northern Atlantic Coastal Plain aquifer system  
Quaternary System

Isle of Wight County, VA

LOCATION.--Lat 37°02'53", long 76°43'12" referenced to North American Datum of 1927, Isle of Wight County, VA, Hydrologic Unit 02080206, 0.5 mi east of State Highway 627, 1.0 mi north of State Highway 621, and 2.5 mi southwest of Rushmere. Owner: Virginia Department of Environmental Quality.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 20 ft. Upper casing diameter 4.00 in; top of first opening 10 ft, bottom of last opening 20 ft. Drilled observation water well, screened 10 to 20 ft.

DATUM.--Land-surface datum is 86 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 2.00 ft above land-surface datum, April 24, 1980, to present.

PERIOD OF RECORD.--April 1980 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.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. Oct. 7, 1985, to July 10, 1995, bimonthly measurement with chalked tape. Prior to Oct. 7, 1985, monthly measurement with chalked tape.

REMARKS.--Well is located in Columbia aquifer of Quaternary age. Records provided by the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.83 ft below land-surface datum, Nov. 14, 2006; well was observed to be dry on Nov. 24, 2008; lowest water level measured, 14.66 ft below land-surface datum, Jan. 2, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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 1	4.11	S	--	Apr 20	4.22	S	--
Feb 17	3.18	S	--	Jul 18	5.16	S	--

Water year 2011 highest: 3.18, Feb 17, 2011; lowest: 5.16, Jul 18, 2011

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