

Water-Data Report 2012

**380538076490801 Local number 56N 1 SOW 016**

Northern Atlantic Coastal Plain aquifer system  
Upper Cretaceous Series

Westmoreland County, VA

LOCATION.--Lat 38°05'38", long 76°49'08" referenced to North American Datum of 1927, Westmoreland County, VA, Hydrologic Unit 02080104, at Washington and Lee School, 0.5 mi east of Montross. Owner: Westmoreland County Public Schools.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 641 ft. Upper casing diameter 4.00 in; top of first opening 608 ft, bottom of last opening 628 ft. Drilled unused water well, diameter 2 in. from 189 to 641 ft, screened 608 to 628 ft.

DATUM.--Land-surface datum is 149 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.00 ft above land-surface datum, Aug. 25, 1967, to present.

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 3, 1985, to July 11, 1995, bimonthly measurement with chalked tape. Mar. 31, 1979, to Oct. 2, 1985, occasional measurement with chalked tape. Prior to Mar. 31, 1979, continuous strip-chart recorder.

REMARKS.--Well is located in Brightseat-Upper Potomac aquifer of Cretaceous-Paleocene age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by regional drawdown. Cause of drop in water level of Aug. 8, 2012 not determined.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 133.47 ft below land-surface datum, Aug. 28, 1967; lowest measured, 191.80 ft below land-surface datum, Aug. 8, 2012.

**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 1	185.27	S	--	May 15	185.67	S	--
Feb 9	185.39	S	--	Aug 8	191.80	S	--

Water year 2012 highest: 185.27, Nov 1, 2011; lowest: 191.80, Aug 8, 2012

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