



Water-Data Report 2012

**371654076401601 Local number 57G 17 SOW 068**

Northern Atlantic Coastal Plain aquifer system  
Upper Cretaceous Series

York County, VA

LOCATION.--Lat 37°16'54", long 76°40'16" referenced to North American Datum of 1927, York County, VA, Hydrologic Unit 02080107, 250 ft east of State Highway 716 at Parkway Estates, 0.5 mi east of Williamsburg. Owner: Sydnor Hydrodynamics.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 465 ft. Upper casing diameter 8.00 in; top of first opening 411 ft, bottom of last opening 452.33 ft. Drilled unused water well, screened 411 to 426 ft, 442.2 to 452.3 ft.

DATUM.--Land-surface datum is 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 0.85 ft above land-surface datum, Nov. 22, 1972, to present.

PERIOD OF RECORD.--November 1972 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 Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.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. 1, 1985, to July 7, 1995, bimonthly measurement with chalked tape. Apr. 30, 1978, to Sept. 30, 1985, occasional measurement with chalked tape. Jan. 15, 1974, to Apr. 30, 1978, continuous strip-chart recorder. Prior to Jan. 15, 1974, occasional measurement with chalked tape.

REMARKS.--Well is located in Brightseat-Upper Potomac aquifer of Cretaceous-Paleocene age and Aquia aquifer of Paleocene age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water from this well is known to contain concentrations of dissolved solids greater than 1,000 mg/L. Water level affected by regional drawdown.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 106.09 ft below land-surface datum, Nov. 22, 1972; lowest measured, 159.41 ft below land-surface datum, Aug. 30, 2010.

**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 15	154.61	S	--	May 24	156.11	S	--
Feb 23	155.03	S	--	Aug 28	158.76	S	--

Water year 2012 highest: 154.61, Dec 15, 2011; lowest: 158.76, Aug 28, 2012

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