

Water-Data Report 2012

**363836076201701 Local number 60B 3 SOW 090A**

Northern Atlantic Coastal Plain aquifer system  
Upper Cretaceous Series

Chesapeake City, VA

LOCATION.--Lat 36°38'36", long 76°20'17" referenced to North American Datum of 1927, Chesapeake City, VA, Hydrologic Unit 03010205, 0.15 mi north of intersection of Benefit and West Roads, 1.5 mi north of Cornland. Owner: Virginia Department of Environmental Quality.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 855 ft. Upper casing diameter 4.00 in; top of first opening 824 ft, bottom of last opening 834 ft. Drilled observation water well, screened 824 to 834 ft.

DATUM.--Land-surface datum is 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.00 ft above land-surface datum, July 11, 1978, to present.

PERIOD OF RECORD.--July 1978 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 Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.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. Aug. 25, 1985 to Oct. 12, 1995, continuous strip-chart recorder. Prior to Aug. 25, 1985, occasional measurement with chalked tape.

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.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.80 ft below land-surface datum, July 11, 1978; lowest recorded, 97.37 ft below land-surface datum, Oct. 13, 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
Oct 18	95.23	S	--	May 3	92.06	S	--
Feb 1	93.47	S	--	Aug 14	91.28	S	--

Water year 2012 highest: 91.28, Aug 14, 2012; lowest: 95.23, Oct 18, 2011

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