



Water-Data Report 2012

364852076252203 Local number 59C 31 SOW 163C

Northern Atlantic Coastal Plain aquifer system
Upper Cretaceous Series

Chesapeake City, VA

LOCATION.--Lat 36°48'52", long 76°25'22" referenced to North American Datum of 1927, Chesapeake City, VA, Hydrologic Unit 02080208, 0.7 mi southeast of intersection of State Highways 191 and 337, in Chesapeake. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 631 ft. Upper casing diameter 2.00 in; top of first opening 621 ft, bottom of last opening 631 ft. Drilled observation water well, screened 621 to 631 ft.

DATUM.--Land-surface datum is 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 2.88 ft above land-surface datum, Mar. 11, 1996, to present.

PERIOD OF RECORD.--November 1981 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 Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.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. 21, 1985 to Oct. 9, 1996, bimonthly measurement with chalked tape. Prior to Aug. 21, 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, 67.13 ft below land-surface datum, Feb. 23, 1983; lowest measured, 106.01 ft below land-surface datum, July 24, 2008.

**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	100.38	S	--	Apr 25	95.01	S	--
Jan 17	96.67	S	--	Jul 30	96.34	S	--

Water year 2012 highest: 95.01, Apr 25, 2012; lowest: 100.38, Oct 18, 2011

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