

Water-Data Report 2012

375610075361801 Local number 66M 23 SOW 181A

Northern Atlantic Coastal Plain aquifer system
Upper Cretaceous Series

Accomack County, VA

LOCATION.--Lat 37°56'10", long 75°36'18" referenced to North American Datum of 1927, Accomack County, VA, Hydrologic Unit 02080109, 100 ft south of State Highway 703, 0.1 mi east of intersection of State Highways 701 and 703, and 2.7 mi northwest of Makemie Park. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,320 ft. Upper casing diameter 4.50 in; top of first opening 1,290 ft, bottom of last opening 1,298 ft. Drilled observation water well, screened 1,290 to 1,298 ft.

DATUM.--Land-surface datum is 6 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.50 ft above land-surface datum, Jan. 26, 1988, to present.

PERIOD OF RECORD.--January 1988 to current year.

GAGE.--Occasional measurement with manometer or chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to July 20, 1995, bimonthly measurement with manometer or 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 pumpage. Water from this well is known to contain concentrations of dissolved solids greater than 1,000 mg/L.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.38 ft above land-surface datum, Jan. 26, 1988; lowest measured, 16.69 ft below land-surface datum, Aug. 15, 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 16	15.71	S	--	May 29	16.31	S	--
Feb 28	16.18	S	--	Aug 15	16.69	S	--

Water year 2012 highest: 15.71, Nov 16, 2011; lowest: 16.69, Aug 15, 2012

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