



Water-Data Report 2007

**372641076235303 Local number 59H 6 SOW 193C.**

Northern Atlantic Coastal Plain aquifer system  
 Eocene-Paleocene Series  
 Mathews County, VA

LOCATION.--Lat 37°26'40.86", long 76°23'52.64" referenced to North American Datum of 1983, Mathews County, VA, Hydrologic Unit 02080102, 0.45 mi. east of the intersection of State Highways 14 and 617, and 140 ft southeast of State Highway 14 at the North Park and Ride. Owner: Virginia Department of Environmental Quality.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 777 ft. Upper casing diameter 4 in., top of first opening 737 ft, bottom of last opening 777 ft. Drilled observation water well, diameter 2 in. 680.52 to 777 ft, screened 737 to 777 ft.

DATUM.--Land-surface datum is 15.47 ft above North American Vertical Datum of 1988. Measuring point: TOP OF CASING, 2.37 ft above land-surface datum, Mar. 29, 2005, to present.

PERIOD OF RECORD.--June 2001 to current year.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to Oct. 1, 2003, digital recorder, 60-minute punch.

REMARKS.--Well is located in Chesapeake Bay Impact Crater of Eocene age. Records provided by Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 58.88 ft below land-surface datum, July 10, 2001; lowest measured, 66.05 ft below land-surface datum, Aug. 16, 2007.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
 WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[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 7	64.89	S	--	Jun 27	65.71	S	--
Jan 25	65.11	S	--	Aug 16	66.05	S	--

Water year 2007 highest: 64.89 Nov 07, 2006; lowest: 66.05 Aug 16, 2007

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