



Water-Data Report 2012

372031077200003 Local number 52G 24

Northern Atlantic Coastal Plain aquifer system
Patapsco Formation

Chesterfield County, VA

LOCATION.--Lat 37°20'31", long 77°20'00" referenced to North American Datum of 1927, Chesterfield County, VA, Hydrologic Unit 02080206, at Virginia Department of Transportation salt storage facility, 200 ft east of intersection of State Highway 10 and Interstate 295. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 64.79 ft. Upper casing diameter 2 in; top of first opening 59.79 ft, bottom of last opening 64.79 ft. Drilled observation water well, screened 59.79 ft to 64.79 ft.

DATUM.--Land-surface datum is 71.42 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 2.35 ft above land-surface datum, Aug. 2, 1995, to present.

PERIOD OF RECORD.--August 1995 to current year.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Unpublished digital recorder data Mar. 5, 1996, to Apr. 2, 1996.

REMARKS.--Well is located in Middle Potomac aquifer of Cretaceous age. Records provided by Virginia Department of Environmental Quality - Water Division. Well drilled as part of Fall Zone groundwater study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.16 ft below land-surface datum, Apr. 16, 2002; lowest measured, 17.67 ft below land-surface datum, Oct. 15, 1998.

**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 26	12.05	S	--	Apr 24	11.49	S	--
Jan 17	11.28	S	--	Jul 20	13.18	S	--

Water year 2012 highest: 11.28, Jan 17, 2012; lowest: 13.18, Jul 20, 2012

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