



Water-Data Report 2012

**363410077150801 Local number 52A 1**

Northern Atlantic Coastal Plain aquifer system  
Patapsco Formation

Southampton County, VA

LOCATION.--Lat 36°34'10", long 77°15'08" referenced to North American Datum of 1927, Southampton County, VA, Hydrologic Unit 03010204, along Seaboard Coastline railroad, 0.15 mi northwest of intersection of State Highways 195 and 701 in Branchville.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 217 ft. Upper casing diameter 4.00 in; top of first opening 204 ft, bottom of last opening 217 ft. Drilled withdrawal water well, screened 204 to 217 ft.

DATUM.--Land-surface datum is 44 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 0.80 ft above land-surface datum, Sep. 9, 1970, to present.

PERIOD OF RECORD.--September 1970 to December 1975, January 1978 to current year. Unpublished records available prior to October 1985 in files of the USGS.

GAGE.--Occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in Middle Potomac aquifer of Cretaceous age. Water level affected by regional drawdown.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.85 ft below land-surface datum, Sept. 9, 1970; lowest measured, 56.06 ft below land-surface datum, Oct. 21, 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 3	48.80	S	--	Apr 3	45.59	S	--
Jan 25	46.77	S	--	Jul 10	44.83	S	--

Water year 2012 highest: 44.83, Jul 10, 2012; lowest: 48.80, Oct 3, 2011

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