



Water-Data Report 2012

363916077201004 Local number 52B 11 SOW 178D

Northern Atlantic Coastal Plain aquifer system
Patapsco Formation

Southampton County, VA

LOCATION.--Lat 36°39'16", long 77°20'10" referenced to North American Datum of 1927, Southampton County, VA, Hydrologic Unit 03010204, 0.25 mi northeast of State Highway 661, 0.6 mi south of intersection of State Highways 652 and 661, and 4.5 mi southeast of Drewryville. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 190 ft. Upper casing diameter 4.00 in; top of first opening 160 ft, bottom of last opening 170 ft. Drilled observation water well, screened 160 to 170 ft.

DATUM.--Land-surface datum is 120 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 2.10 ft above land-surface datum, Dec. 1, 1985, to present.

PERIOD OF RECORD.--December 1985 to current year.

GAGE.--Occasional measurement with chalked tape by USGS personnel. Prior to November 1987, digital recorder, 60-minute punch.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 69.63 ft below land-surface datum, Apr. 3, 2012; lowest measured, 74.78 ft below land-surface datum, Jan. 23, 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 | 71.60 | S | -- | Apr 3 | 69.63 | S | -- |
| Jan 25 | 70.39 | S | -- | Jul 10 | 70.33 | S | -- |

Water year 2012 highest: 69.63, Apr 3, 2012; lowest: 71.60, Oct 3, 2011

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