



Water-Data Report 2012

**380024076585801 Local number 55N 2**

Northern Atlantic Coastal Plain aquifer system  
Patapsco Formation

Essex County, VA

LOCATION.--Lat 38°00'24", long 76°58'58" referenced to North American Datum of 1927, Essex County, VA, Hydrologic Unit 02080104, 250 feet northeast of U.S. Highway 17, 1.6 mi northwest of State Highway 624, 1.2 mi southeast of Champlain on the north bound side of U.S. Highway 17.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 516 ft. Upper casing diameter 4 in; top of first opening 494 ft, bottom of last opening 514 ft. Drilled unused water well, screened 494 to 514 ft.

DATUM.--Land-surface datum is 141 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF SANITARY SEAL, 1.96 ft above land-surface datum, Sep. 1, 1999, to present.

PERIOD OF RECORD.--September 1999 to current year.

GAGE.--Occasional measurement with chalk 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, 153.12 ft below land-surface datum, Sept. 9, 1999; lowest measured, 167.65 ft below land-surface datum, June 26, 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
Oct 24	166.82	S	--	Apr 23	167.11	S	--
Jan 23	167.02	S	--	Jun 26	167.65	S	--

Water year 2012 highest: 166.82, Oct 24, 2011; lowest: 167.65, Jun 26, 2012

380024076585801 Local number 55N 2—Continued

