



Water-Data Report 2012

**363345076470201 Local number 56A 10 SOW 088A**

Northern Atlantic Coastal Plain aquifer system  
Patuxent Formation

Suffolk City, VA

LOCATION.--Lat 36°33'45", long 76°47'02" referenced to North American Datum of 1927, Suffolk City, VA, Hydrologic Unit 03010203, 0.1 mi north of intersection of State Highways 668 and 669, 1.9 mi west of Somerton. Owner: Virginia Department of Environmental Quality.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 1,081 ft. Upper casing diameter 4.00 in; top of first opening 1,050 ft, bottom of last opening 1,060 ft. Drilled observation water well, screened 1,050 to 1,060 ft.

DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.30 ft above land-surface datum, Jan. 12, 1988, to present.

PERIOD OF RECORD.--June 1977 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 16, 1992, to July 19, 1995, bimonthly measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Mar. 2, 1989, to Oct. 15, 1992, occasional measurement with chalked tape by USGS. Prior to Oct. 16, 1989, bimonthly measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel.

REMARKS.--Well is located in Lower Potomac aquifer of Cretaceous age. Records provided by the Virginia Department of Environmental Quality - Water Division prior to Mar. 1, 1989; USGS Mar. 2, 1989, to Oct. 15, 1992; Virginia Department of Environmental Quality - Water Division thereafter. Water level affected by regional drawdown.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 104.70 ft below land-surface datum, June 30, 1980; lowest measured, 141.14 ft below land-surface datum, Feb. 24, 2009.

**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 25	132.15	S	--	May 23	128.25	S	--
Jan 25	130.55	S	--	Jul 26	127.27	S	--

Water year 2012 highest: 127.27, Jul 26, 2012; lowest: 132.15, Oct 25, 2011

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