



Water-Data Report 2011

372331076312602 Local number 58H 6 SOW 168A

Northern Atlantic Coastal Plain aquifer system
Patuxent Formation

Gloucester County, VA

LOCATION.--Lat 37°23'31", long 76°31'26" referenced to North American Datum of 1927, Gloucester County, VA, Hydrologic Unit 02080102, at entrance to Gloucester County landfill, 0.3 mi east of U.S. Highway 17, and 1.4 mi south of Gloucester. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,300 ft. Upper casing diameter 4.00 in; top of first opening 1,290 ft, bottom of last opening 1,300 ft. Drilled observation water well, screened 1,290 to 1,300 ft.

DATUM.--Land-surface datum is 75 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 2.00 ft above land-surface datum, Aug. 24, 1982, to present.

PERIOD OF RECORD.--August 1982 to current year. Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.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. June 11, 1985, to July 7, 1995, bimonthly measurement with chalked tape. Prior to June 11, 1985, occasional measurement with chalked tape.

REMARKS.--Well is located in Lower Potomac aquifer of Cretaceous age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by regional drawdown. Water from this well is known to contain concentrations of dissolved solids greater than 1,000 mg/L.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 125.26 ft below land-surface datum, Feb. 14, 1983; lowest measured, 163.40 ft below land-surface datum, Aug. 9, 2011.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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 28	163.24	S	--	May 17	163.25	S	--
Feb 1	163.30	S	--	Aug 9	163.40	S	--

Water year 2011 highest: 163.24, Oct 28, 2010; lowest: 163.40, Aug 9, 2011

372331076312602 Local number 58H 6 SOW 168A—Continued

