



Water-Data Report 2012

364242077121501 Local number 53B 6

Northern Atlantic Coastal Plain aquifer system
Paleocene Series

Southampton County, VA

LOCATION.--Lat 36°42'42", long 77°12'15" referenced to North American Datum of 1927, Southampton County, VA, Hydrologic Unit 03010201, at Virginia Department of Transportation - Capron Area Headquarters, 50 ft east of State Highway 654 and 2,000 ft north of U.S. Highway 58. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 115.65 ft. Upper casing diameter 2 in; top of first opening 110.65 ft, bottom of last opening 115.65 ft. Drilled observation water well, screened 110.65 ft to 115.65 ft.

DATUM.--Land-surface datum is 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL COVER, 1.16 ft above land-surface datum, Dec. 23, 1998, to present.

PERIOD OF RECORD.--May 1997 to current year.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Oct. 1, 1998 to Oct. 1, 1999, occasional measurement with chalked tape by USGS personnel. Prior to Oct. 1, 1998, monthly measurement with chalked tape.

REMARKS.--Well is located in Aquia aquifer of Paleocene age. Records provided by Virginia Department of Environmental Quality - Water Division. Well drilled as part of Fall Zone groundwater study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.59 ft below land-surface datum, Apr. 24, 2012; lowest measured, 56.91 ft below land-surface datum, Jan. 16, 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 26	53.41	S	--	Apr 24	51.59	S	--
Jan 17	51.89	S	--	Jul 20	51.70	S	--

Water year 2012 highest: 51.59, Apr 24, 2012; lowest: 53.41, Oct 26, 2011

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