Water-Data Report 2012

371045076310703 Local number 58F 63 SOW 187B

Northern Atlantic Coastal Plain aquifer system
Yorktown Formation

York County, VA

LOCATION.--Lat 37°10′45″, long 76°31′07″ referenced to North American Datum of 1927, York County, VA, Hydrologic Unit 02080206, 300 ft north of State Highway 105, 1.8 mi east of intersection of State Highways 105 and 143, 3.1 mi southeast of Lee Hall. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 28 ft. Upper casing diameter 4.50 in; top of first opening 18 ft, bottom of last opening 28 ft. Drilled observation water well, screened 18 to 28 ft.

DATUM.--Land-surface datum is 54.63 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.60 ft above land-surface datum, Aug. 1, 1990, to present.

PERIOD OF RECORD.--September 1990 to current year. Unpublished records available in files of the Virginia Department of Environmental Quality - Water Division.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. Sept. 4, 1991, to July 10, 1995, bimonthly measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to Sept. 4, 1991, occasional measurement with chalked tape by USGS and Virginia Department of Environmental Quality - Water Division personnel.

REMARKS.--Well is located in Cornwallis Cave aquifer of Pliocene-Holocene age. Records provided by the Virginia Department of Environmental Quality - Water Division.

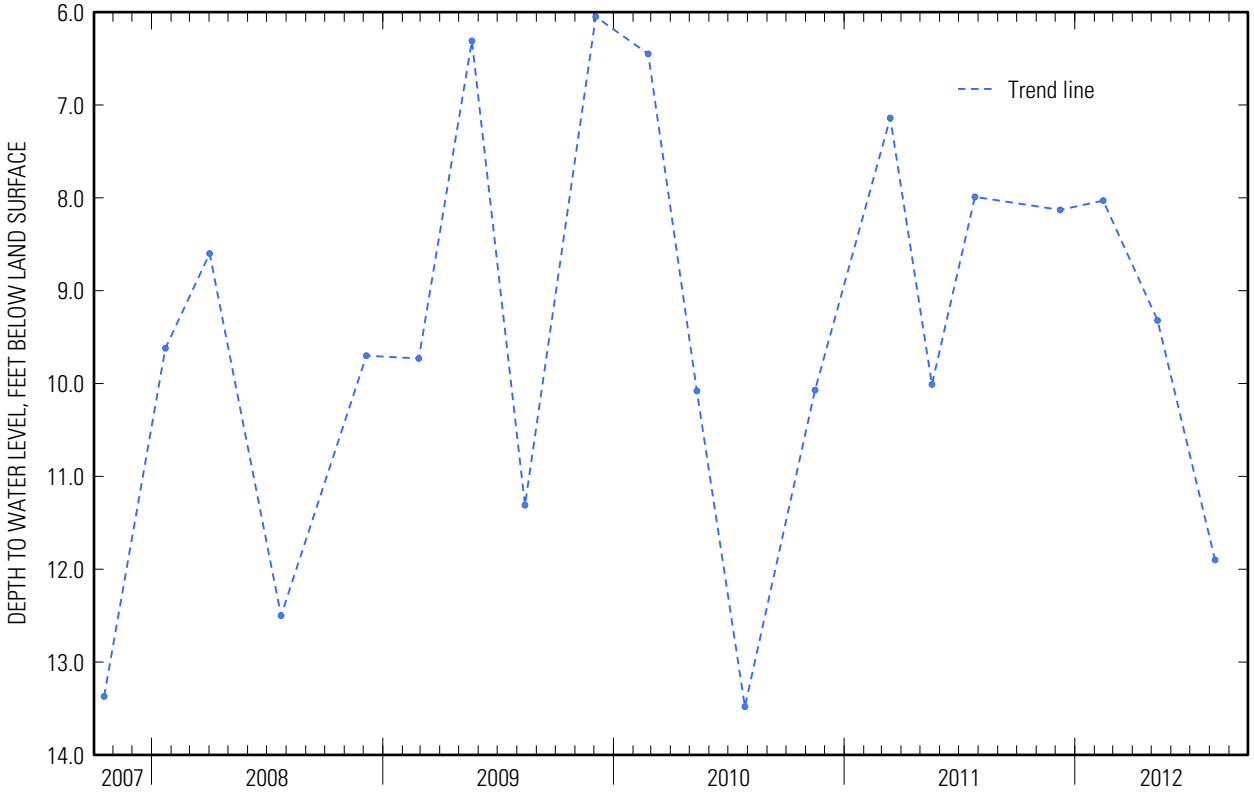
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.76 ft below land-surface datum, Apr. 19, 2000; lowest measured, 14.95 ft below land-surface datum, Jan. 18, 1996.

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
Dec 8	8.13	S	--	May 10	9.32	S	--
Feb 14	8.03	S	--	Aug 9	11.90	S	--

Water year 2012 highest: 8.03, Feb 14, 2012; lowest: 11.90, Aug 9, 2012

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 371045076310703, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/371045076310703.2012.pdf

371045076310703 Local number 58F 63 SOW 187B—Continued