

Water-Data Report 2012

372641076235304 Local number 59H 7 SOW 193D

Northern Atlantic Coastal Plain aquifer system
Upper Chesapeake Group

Mathews County, VA

LOCATION.--Lat 37°26'41.02", long 76°23'52.30" referenced to North American Datum of 1983, Mathews County, VA, Hydrologic Unit 02080102, 0.45 mi. east of the intersection of State Highways 14 and 617, and 140 ft southeast of State Highway 14 at the North Park and Ride. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 117.52 ft. Upper casing diameter 4 in; top of first opening 87.52 ft, bottom of last opening 117.52 ft. Drilled observation water well, diameter 2 in. 76.22 to 117.52 ft, screened 87.52 to 117.52 ft.

DATUM.--Land-surface datum is 15.28 ft above North American Vertical Datum of 1988. Measuring point: TOP OF CASING, 2.45 ft above land-surface datum, Feb. 4, 2003, to present.

PERIOD OF RECORD.--April 2001 to current year.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Nov. 8, 2001 to Jan. 29, 2003, digital recorder, 60-minute punch.

REMARKS.--Well is located in Yorktown-Eastover aquifer of Miocene-Pliocene age. Records provided by the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.29 ft below land-surface datum, Mar. 28, 2005; lowest recorded, 13.74 ft below land-surface datum, Aug. 30, 2002.

**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 1	9.75	S	--	May 10	9.80	S	--
Feb 14	9.71	S	--	Jul 23	12.01	S	--

Water year 2012 highest: 9.71, Feb 14, 2012; lowest: 12.01, Jul 23, 2012

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