

Water-Data Report 2012

373059075484502 Local number 64J 10 SOW 112B

Northern Atlantic Coastal Plain aquifer system
Upper Chesapeake Group

Northampton County, VA

LOCATION.--Lat 37°30'59", long 75°48'45" referenced to North American Datum of 1927, Northampton County, VA, Hydrologic Unit 02080109, 100 ft northeast of State Highway 660, 0.3 mi southeast of intersection of State Highways 600 and 660, and 0.3 mi west of Willis Wharf. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 210 ft. Upper casing diameter 4.00 in; top of first opening 200 ft, bottom of last opening 210 ft. Drilled observation water well, screened 200 to 210 ft.

DATUM.--Land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF SHELF, 1.60 ft above land-surface datum, Aug. 12, 1987, to present.

PERIOD OF RECORD.--July 1979 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 Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.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. Oct. 5, 1985 to Oct. 23, 1995, continuous strip-chart recorder. Prior to Oct. 5, 1985, occasional measurement with chalked tape.

REMARKS.--Well is located in Yorktown-Eastover aquifer of Miocene-Pliocene age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by tidal effects and local pumpage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.42 ft below land-surface datum, Mar. 13, 1993; lowest measured, 33.58 ft below land-surface datum, Oct. 9, 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
Nov 30	25.35	S	--	Jun 26	25.36	S	--
Mar 15	23.09	S	--	Aug 21	29.70	S	--

Water year 2012 highest: 23.09, Mar 15, 2012; lowest: 29.70, Aug 21, 2012

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