



Water-Data Report 2012

365212076091201 Local number 61C 45 SOW 212A

Northern Atlantic Coastal Plain aquifer system
Upper Chesapeake Group

Virginia Beach City, VA

LOCATION.--Lat 36°52'11.59", long 76°09'12.39" referenced to North American Datum of 1927, Virginia Beach City, VA, Hydrologic Unit 02080108, at Bayside High School in Virginia Beach. Owner: City of Virginia Beach.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 168 ft. Upper casing diameter 4.00 in; top of first opening 138 ft, bottom of last opening 158 ft. Drilled observation water well, screened 138 to 158 ft.

DATUM.--Land-surface datum is 20.41 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF PVC CASING, INDICATED BY BLACK MARK ON CASING, 1.80 ft above land-surface datum, July 17, 2000, to present.

PERIOD OF RECORD.--September 2000 to current year. Unpublished records available prior to October 2002 in files of the USGS.

GAGE.--Occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in Yorktown-Eastover aquifer of Miocene-Pliocene age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.24 ft below land-surface datum, Apr. 16, 2003; lowest measured, 18.16 ft below land-surface datum, July 20, 2012.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: S, steel tape; V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 7	13.32	S	--	Apr 24	14.03	S	--
Dec 12	15.13	S	--	Jul 18	17.61	S	--
Jan 5	15.41	S	--	20	18.16	S	--
27	14.42	V	--	Sep 16	15.35	S	--
Feb 15	15.01	V	--				

Water year 2012 highest: 13.32, Oct 7, 2011; lowest: 18.16, Jul 20, 2012

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