



Water-Data Report 2012

363812076021201 Local number 62B 15 SOW 208A

Northern Atlantic Coastal Plain aquifer system
Pliocene Series

Virginia Beach City, VA

LOCATION.--Lat 36°38'11.96", long 76°02'11.52" referenced to North American Datum of 1927, Virginia Beach City, VA, Hydrologic Unit 03010205, at Creeds Elementary School in Virginia Beach. Owner: City of Virginia Beach.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 208 ft. Upper casing diameter 4.00 in; top of first opening 193 ft, bottom of last opening 203 ft. Drilled observation water well, screened 193 to 203 ft.

DATUM.--Land-surface datum is 13.78 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF PVC CASING, INDICATED BY BLACK MARK ON CASING, 1.95 ft above land-surface datum, July 18, 2000, to present.

PERIOD OF RECORD.--August 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 Unpublished records available prior to October 2002 in files of the USGS.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. Apr. 11, 2001 to Feb. 11, 2004, electronic data logger and pressure transducer, 60-minute record interval. Prior to Apr. 11, 2001, occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in Yorktown confining unit of Pliocene age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.93 ft below land-surface datum, Mar. 13, 2003; lowest measured, 13.69 ft below land-surface datum, Sept. 19, 2001.

**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 6	10.84	S	--	Apr 5	9.74	S	--
Dec 13	10.60	S	--	Jul 12	10.06	S	--

Water year 2012 highest: 9.74, Apr 5, 2012; lowest: 10.84, Oct 6, 2011

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