



Water-Data Report 2008

363812076021202 Local number 62B 16 SOW 208B.

Northern Atlantic Coastal Plain aquifer system
 Pliocene Series
 Virginia Beach City, VA

LOCATION.--Lat 36°38'11.94", long 76°02'11.55" 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.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 77 ft. Upper casing diameter 4.00 in; top of first opening 65 ft, bottom of last opening 75 ft. Drilled observation water well, screened 65 to 75 ft.

DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF PVC CASING, INDICATED BY BLACK MARK ON CASING, 2.13 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 Unpublished records available prior to October 2002 in files of the USGS.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 April 11, 2001, occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in Yorktown confining unit of Pliocene age. Water level affected by local pumpage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.11 ft below land-surface datum, Apr. 12, 2003; lowest recorded, 13.77 ft below land-surface datum, Oct. 8, 2003, result of nearby pumpage.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

[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 3	12.85	S	--	Apr 17	10.91	S	--

Water year 2008 highest: 10.91 Apr 17, 2008; lowest: 12.85 Oct 03, 2007