Water-Data Report 2012

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.

GROUNDWATER 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 Unpublished records available prior to October 2002 in files of the USGS.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 Apr. 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.

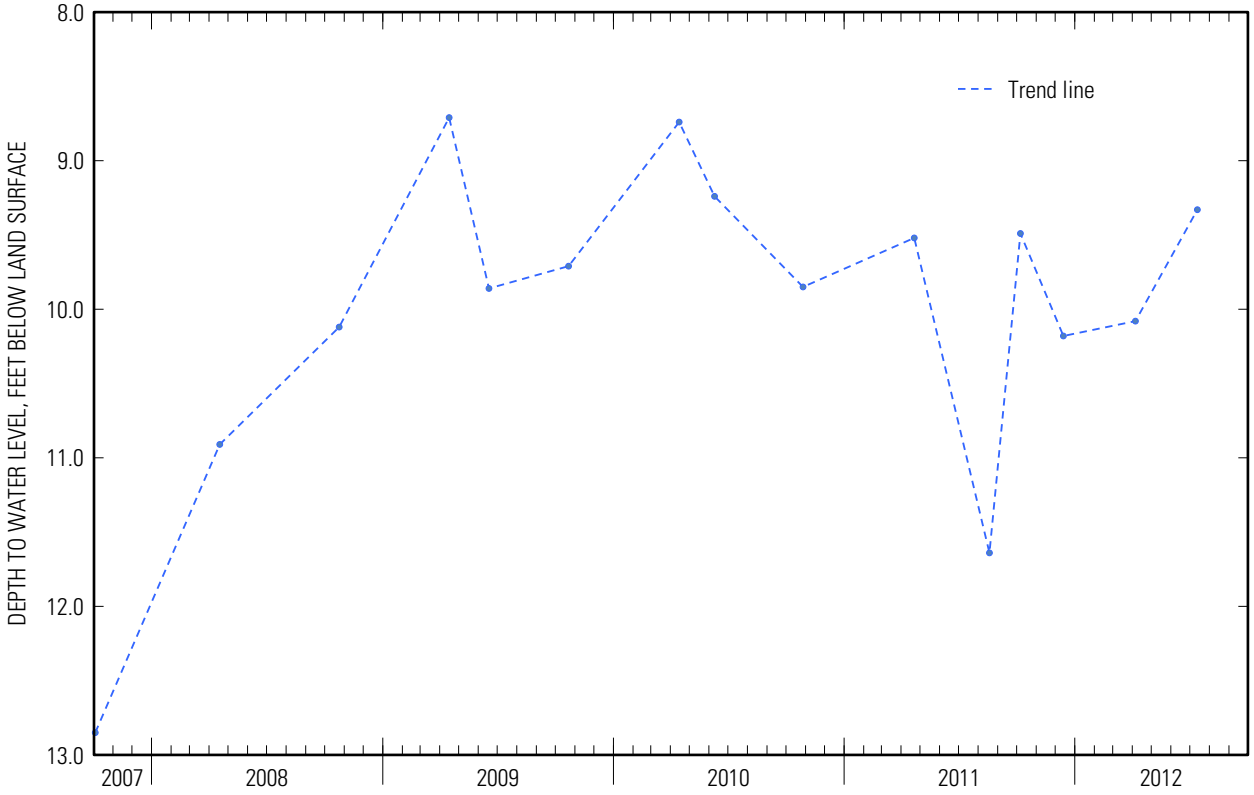
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.11 ft below land-surface datum, Apr. 12, 2003; lowest recorded, 13.77 ft below land-surface datum, Oct. 8, 2003, result of nearby pumpage.

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

[Measurement method: S, steel tape. Water-level status: - - , static.]

Date	Water level	Measurement method	Water-level status	Date	Water level	Measurement method	Water-level status
Oct 6	9.49	S	--	Apr 5	10.08	S	--
Dec 13	10.18	S	--	Jul 12	9.33	S	--

Water year 2012 highest: 9.33, Jul 12, 2012; lowest: 10.18, Dec 13, 2011

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 363812076021202, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/363812076021202.2012.pdf

363812076021202 Local number 62B 16 SOW 208B—Continued