Water-Data Report 2012

# 370807075570802 Local number 63F 51 SOW 182A

Northern Atlantic Coastal Plain aquifer system
Patapsco Formation

Northampton County, VA

LOCATION.--Lat 37°08′07″, long 75°57′08″ referenced to North American Datum of 1927, Northampton County, VA, Hydrologic Unit 02080110, at Kiptopeke Wildlife Refuge, 0.6 mi southeast of State Highway 600, 0.8 mi southeast of Kiptopeke, and 0.9 mi southeast of intersection of State Highway 600 and U.S. Highway 13. Owner: Virginia Department of Environmental Quality.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,730 ft. Upper casing diameter 4.00 in; top of first opening 1,720 ft, bottom of last opening 1,730 ft. Drilled observation water well, screened 1,720 to 1,730 ft.

DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.20 ft above land-surface datum, May 7, 1990, to present.

PERIOD OF RECORD.--May 1990 to current year.

GAGE.--Occasional measurement with manometer and/or chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to July 24, 1995, bimonthly measurement with manometer and/or chalked tape.

REMARKS.--Well is located in Middle Potomac aquifer of Cretaceous age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by occasional pumpage for water-quality sampling.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.35 ft above land-surface datum, May 7, 1990; lowest measured, 10.80 ft below land-surface datum, Mar. 1, 2012.

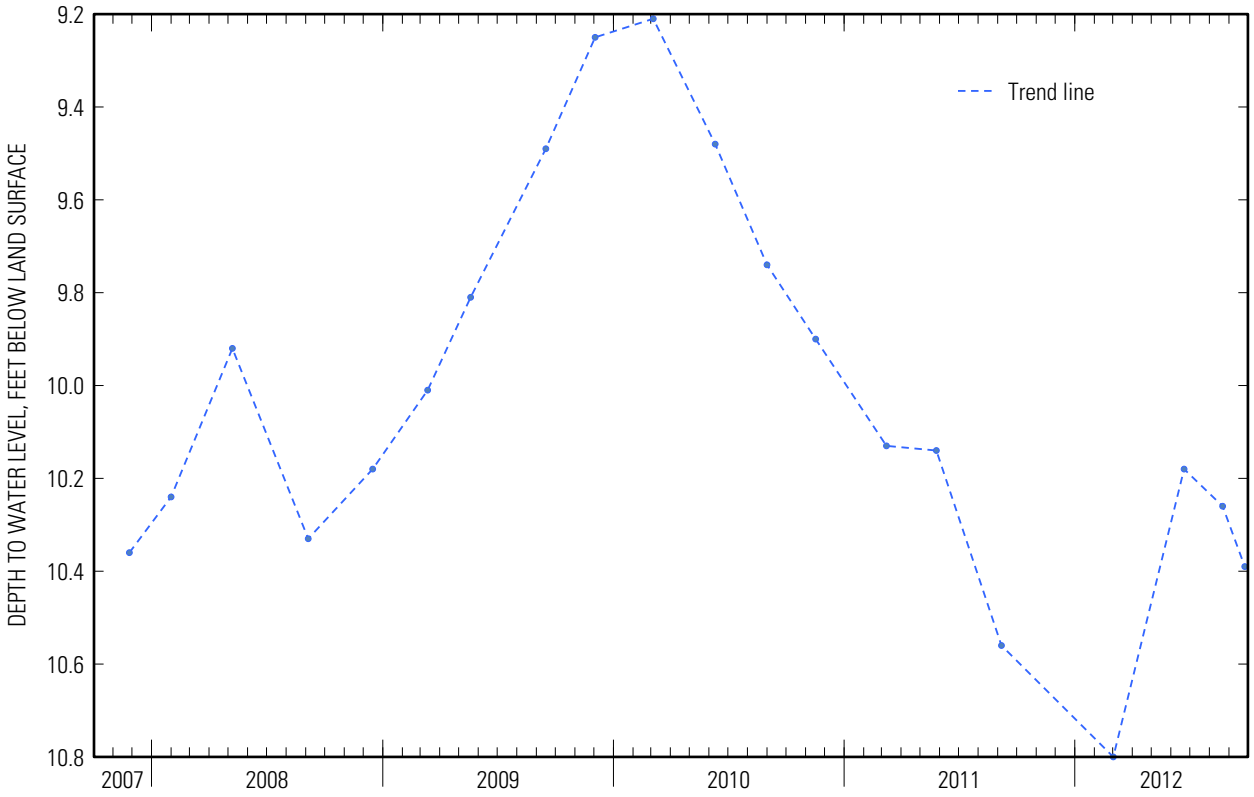
**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[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 |
|---|---|---|---|---|---|---|---|
| Mar 1 | 10.80 | S | -- | Aug 21 | 10.26 | S | -- |
| Jun 21 | 10.18 | S | -- | Sep 25 | 10.39 | S | -- |

Water year 2012 highest: 10.18, Jun 21, 2012; lowest: 10.80, Mar 1, 2012



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 370807075570802, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/370807075570802.2012.pdf

**370807075570802 Local number 63F 51 SOW 182A—Continued**