



Water-Data Report 2009

363655076332003 Local number 58A 78 SOW 180B.

Northern Atlantic Coastal Plain aquifer system
 Patapsco Formation
 Suffolk City, VA

LOCATION.--Lat 36°36'55", long 76°33'20" referenced to North American Datum of 1927, Suffolk City, VA, Hydrologic Unit 03010205, 0.3 mi north of Great Dismal Swamp Wildlife Refuge Headquarters on Desert Road, 2.0 mi east of Cypress Chapel. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 880 ft. Upper casing diameter 4.00 in; top of first opening 850 ft, bottom of last opening 860 ft. Drilled observation water well, diameter 2 in. from 766 to 880 ft, screened 850 to 860 ft.

DATUM.--Land-surface datum is 34.02 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.40 ft above land-surface datum, April 15, 1992, to present.

PERIOD OF RECORD.--February 1987 to current year.

GAGE.--Occasional measurement with chalked tape by USGS personnel. Prior to Apr. 15, 1992, digital recorder, 60-minute punch.

REMARKS.--Well is located in Middle Potomac aquifer of Cretaceous age. Water level affected by regional drawdown and occasional pumpage for water-quality sampling.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 102.14 ft below land-surface datum, June 5, 27, 1987; lowest measured, 127.22 ft below land-surface datum, Oct. 22, 2008.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[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 22	127.22	S	--	Apr 14	125.58	S	--
Feb 5	126.30	S	--	Jul 22	125.72	S	--

Water year 2009 highest: 125.58 Apr 14, 2009; lowest: 127.22 Oct 22, 2008

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