



Water-Data Report 2008

**383027077013202 Local number CH Cd 61**

Northern Atlantic Coastal Plain aquifer system  
 Nanjemoy Formation  
 Charles County, MD

LOCATION.--Lat 38°30'27", long 77°01'32" referenced to North American Datum of 1983, Charles County, MD, Hydrologic Unit 02070011.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 17 ft. Upper casing diameter 1 in; top of first opening 16 ft, bottom of last opening 17 ft. Observation, water-table well.

DATUM.--Land-surface datum is 2.9 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing., 1.50 ft above land-surface datum, July 16, 2007, to present.

PERIOD OF RECORD.--September 2007 to August 2008.

GAGE.--Water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Port Tobacco project well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.44 ft above sea level, September 6, 2007; lowest measured, 2.57 ft below sea level, May 29, 2008.

**WATER SURFACE ELEVATION IN FEET NAVD 1988  
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

[Measurement method: T, electric tape. Water-level status: - , static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Dec 3	-1.87	T	--	May 29	-2.57	T	--
13	-1.87	T	--	Aug 5	-2.45	T	--

Water year 2008; lowest: -2.57 May 29, 2008 highest: -1.87 Dec 03, 2007 Dec 13, 2007