



Water-Data Report 2008

383011077014403 Local number CH Cd 78

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

LOCATION.--Lat 38°30'11", long 77°01'44" referenced to North American Datum of 1983, Charles County, MD, Hydrologic Unit 02070011.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 24 ft. Upper casing diameter 1 in; top of first opening 23 ft, bottom of last opening 24 ft. Observation, water-table well.

DATUM.--Land-surface datum is 20.18 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing., 1.95 ft above land-surface datum, July 24, 2007, to present.

PERIOD OF RECORD.--December 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, 15.70 ft above sea level, May 29, 2008; lowest measured, 13.42 ft above sea level, December 3, 2007.

**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 | 13.42 | T | -- | May 29 | 15.70 | T | -- |
| 13 | 13.82 | T | -- | Aug 5 | 14.35 | T | -- |

Water year 2008; lowest: 13.42 Dec 03, 2007 highest: 15.70 May 29, 2008