



Water-Data Report 2010

392544075594101 Local number CE Dd 186

Northern Atlantic Coastal Plain aquifer system
Magothy Formation
Cecil County, MD

LOCATION.--Lat 39°25'43.7", long 75°59'40.7" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, at West View Shores.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 40 ft. Upper casing diameter 4 in; top of first opening 30 ft, bottom of last opening 40 ft. Drilled well.

DATUM.--Land-surface datum is 18.37 ft above North American Vertical Datum of 1988. Measuring point: Top of 4 inch PVC casing, 1.65 ft above land-surface datum, May 19, 2010, to present.

PERIOD OF RECORD.--May 2010 to August 2010.

GAGE.--Intermittent water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Water levels may be affected by local groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.84 ft above sea level, May 19, 2010; lowest measured, 4.30 ft above sea level, August 17, 2010.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: S, steel tape; 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 |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| May 19 | 5.84 | S | -- | Aug 17 | 4.30 | T | -- |

Water year 2010 lowest: 4.30, Aug 17, 2010, highest: 5.84, May 19, 2010