



Water-Data Report 2011

385406076383902 Local number AA Ed 65

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Anne Arundel County, MD

LOCATION.--Lat 38°54'07.9", long 76°38'37.0" referenced to North American Datum of 1983, Anne Arundel County, MD, Hydrologic Unit 02060006, off Elmer F Hagner Ln, 1.6 mi southwest of Davidsonville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 310 ft. Upper casing diameter 4.5 in; top of first opening 285 ft, bottom of last opening 305 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.60 ft above land-surface datum, Oct. 2000 to present.

PERIOD OF RECORD.--October 2000 to current year.

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

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well. Water levels are affected by local and regional groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.48 ft above sea level, April 10, 2001; lowest measured, 0.72 ft below sea level, September 27, 2010.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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
Apr 26	4.11	T	--	Sep 22	.87	T	--

Water year 2011 lowest: .87, Sep 22, 2011, highest: 4.11, Apr 26, 2011