



Water-Data Report 2011

390150076283002 Local number AA Cf 99

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Anne Arundel County, MD

LOCATION.--Lat 39°01'50", long 76°28'30" referenced to North American Datum of 1927, Anne Arundel County, MD, Hydrologic Unit 02060004, 3.1 mi northeast of Annapolis, near Anne Arundel Co. Traffic Engineering Building, Broad Neck.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 220 ft. Upper casing diameter 2 in; top of first opening 210 ft, bottom of last opening 220 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 93.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.60 ft above land-surface datum, Nov. 3, 1993, to present.

PERIOD OF RECORD.--September 1969 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel. Equipped with graphic water-level recorder from September 1969 to July 1971.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 89.29 ft below land surface, April 13, 1976; lowest measured, 123.10 ft below land surface, September 24, 2010.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
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 21	120.09	T	--	Sep 26	121.83	T	--

Water year 2011 highest: 120.09, Apr 21, 2011; lowest: 121.83, Sep 26, 2011