



Water-Data Report 2007

**383934076320201 Local number CA Cc 55**

Northern Atlantic Coastal Plain aquifer system  
Upper Patapsco Aquifer In the Patapsco Formation  
Calvert County, MD

LOCATION.--Lat 38°39'34", long 76°32'02" referenced to North American Datum of 1927, Calvert County, MD, Hydrologic Unit 02060004, near the northwest corner of Karen Drive and MD Rt. 261.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 868 ft. Upper casing diameter 4 in, top of first opening 858 ft, bottom of last opening 868 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 95.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum, Jan. 28, 1974, to present.

PERIOD OF RECORD.--January 28, 1974 to current year.

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

REMARKS.--Maryland Ground-Water-Level Monitoring Network observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 80.90 ft below land surface, September 18, 1974; lowest measured, 116.27 ft below land surface, September 20, 2007.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[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 25	115.31	T	--	Sep 20	116.27	T	--

Water year 2007 highest: 115.31 Apr 25, 2007; lowest: 116.27 Sep 20, 2007