



Water-Data Report 2009

384458076375501 Local number CA Bb 23

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

LOCATION.--Lat 38°44'58", long 76°37'55" referenced to North American Datum of 1927, Calvert County, MD, Hydrologic Unit 02060006, at Cavalier Country, on the north side of Knight Avenue, 0.2 mi west of Cavalier Drive.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 552 ft. Upper casing diameter 6 in; top of first opening 533 ft, bottom of last opening 552 ft. Drilled, artesian well.

DATUM.--Land-surface datum is 146.86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.15 ft above land-surface datum, April 23, 1996, to present.

PERIOD OF RECORD.--August 11, 1970 to current year.

GAGE.--Water-level measurements by Maryland Geological Survey personnel.

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 131.63 ft below land surface, May 13, 1975; lowest measured, 170.43 ft below land surface, September 17, 2007.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measurement method	Water- level status
Sep 25	168.12	S	--