



Water-Data Report 2008

391432076015501 Local number KE Cd 44

Northern Atlantic Coastal Plain aquifer system
Aquia Formation
Kent County, MD

LOCATION.--Lat 39°14'32", long 76°01'55" referenced to North American Datum of 1927, Kent County, MD, Hydrologic Unit 02060002, 2.6 mi northeast of Chestertown.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 84 ft. Upper casing diameter 4 in; top of first opening 79 ft, bottom of last opening 84 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft above land-surface datum, July 1960 to present.

PERIOD OF RECORD.--July 1960 to current year.

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

REMARKS.--Maryland Ground-Water-Level Monitoring Network observation well. Food processing plant closed from August 31, 1995 to September 30, 1996. Water levels are affected by local and regional ground-water withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.92 ft below land surface, September 6, 1996; lowest measured, 54.46 ft below land surface, August 4, 1966.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

[Measurement method: T, electric tape. Water-level status: --, static.]

Date	Water level	Measurement method	Water- level status
Apr 23	29.86	T	--