Water-Data Report 2011

391823075594701 Local number KE Be 43

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Kent County, MD

LOCATION.--Lat 39°18'24.2", long 75°59'42.2" referenced to North American Datum of 1983, Kent County, MD, Hydrologic Unit 02060002, at Kennedyville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 297 ft. Upper casing diameter 4 in; top of first opening 275 ft, bottom of last opening 285 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.60 ft above land-surface datum, Oct. 19, 1999, to present.

PERIOD OF RECORD.--February 1979 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, 21.31 ft below land surface, June 5, 1979; lowest measured, 43.32 ft below land surface, June 24, 2002.

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 13	29.83	T	--	Sep 16	32.83	T	--

Water year 2011 highest: 29.83, Apr 13, 2011; lowest: 32.83, Sep 16, 2011

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 391823075594701, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/391823075594701.2011.pdf