

Water-Data Report 2011

384333076394702 Local number CA Bb 28

Northern Atlantic Coastal Plain aquifer system
Nanjemoy Formation

Calvert County, MD

LOCATION.--Lat 38°43'33", long 76°39'47" referenced to North American Datum of 1927, Calvert County, MD, Hydrologic Unit 02060006, at Dunkirk Regional Park, Dunkirk.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 170 ft. Upper casing diameter 4 in; top of first opening 160 ft, bottom of last opening 170 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 138.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.60 ft above land-surface datum, Sep. 1, 1990, to present.

PERIOD OF RECORD.--July 1980 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 groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.55 ft below land surface, May 4, 1998; lowest measured, 86.23 ft below land surface, October 29, 2007.

**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 25	81.90	T	--	Sep 20	83.20	T	--

Water year 2011 highest: 81.90, Apr 25, 2011; lowest: 83.20, Sep 20, 2011, Sep 20, 2011