



Water-Data Report 2011

381457075174101 Local number WO De 36

Northern Atlantic Coastal Plain aquifer system
Manokin Aquifer

Worcester County, MD

LOCATION.--Lat 38°14'58.6", long 75°17'34.4" referenced to North American Datum of 1983, Worcester County, MD, Hydrologic Unit 02060010, at Newark.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 330 ft. Upper casing diameter 4 in; top of first opening 320 ft, bottom of last opening 330 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top lip of inner sleeve on locking cap, 1.84 ft above land-surface datum, Nov. 29, 1993, to present.

PERIOD OF RECORD.--September 1975 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 regional groundwater withdrawal. Water-quality records for some prior periods have been collected at this location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.09 ft below land surface, April 22, 2011; lowest measured, 18.72 ft below land surface, September 26, 2008.

**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 22	4.09	T	--	Sep 26	4.58	T	--

Water year 2011 highest: 4.09, Apr 22, 2011; lowest: 4.58, Sep 26, 2011