



Water-Data Report 2013

**382621075174202 Local number WO Ae 24**

Northern Atlantic Coastal Plain aquifer system  
Ocean City Aquifer

Worcester County, MD

LOCATION.--Lat 38°26'21", long 75°17'42" referenced to North American Datum of 1927, Worcester County, MD, Hydrologic Unit 02060009, 2.75 mi north of Whaleyville.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 200 ft. Upper casing diameter 4 in; top of first opening 190 ft, bottom of last opening 200 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top lip of inner sleeve on locking cap, 4.00 ft above land-surface datum, May 19, 1999, to present.

PERIOD OF RECORD.--October 1975 to current year.

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

REMARKS.--Ocean City Groundwater Monitoring Network observation well. Water levels are affected by local and 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, 9.49 ft below land surface, May 31, 1978; lowest measured, 17.52 ft below land surface, July 31, 2012.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[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
Oct 25	12.51	T	--	Apr 17	10.40	T	--
Nov 27	10.97	T	--	May 22	10.92	T	--
Dec 21	11.18	T	--	Jun 24	10.85	T	--
Jan 24	10.54	T	--	Jul 24	12.34	T	--
Feb 15	10.39	T	--	Aug 22	11.00	T	--
Mar 26	10.10	T	--	Sep 26	13.00	T	--

Water year 2013 highest: 10.10, Mar 26, 2013; lowest: 13.00, Sep 26, 2013

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