



Water-Data Report 2007

**393559075375801 Local number Dc53-67**

Northern Atlantic Coastal Plain aquifer system  
 Potomac Formation  
 New Castle County, DE

LOCATION.--Lat 39°35'59", long 75°37'58" referenced to North American Datum of 1983, New Castle County, Hydrologic Unit 02040205.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 66.8 ft. Upper casing diameter 4 in; top of first opening 55 ft, bottom of last opening 65 ft. Drilled, observation well.

DATUM.--Land-surface datum is 46.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of inner casing, 2.08 ft above land-surface datum, Aug. 10, 2005, to present.

PERIOD OF RECORD.--August 2005 to March 2007

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

REMARKS.--MW-15 - Potomac Aquifer Study at Standard Chlorine, Delaware City. Well abandoned in May 2007

EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured, 12.42 ft above sea level, March 20, 2007; lowest measured, 11.62 ft above sea level, June 21, 2006.

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
 WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[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 26	12.09	T	--	Jan 19	12.39	T	--
Nov 21	12.32	T	--	Feb 21	12.32	T	--
Dec 19	12.25	T	--	Mar 20	12.42	T	--

Water year 2007; lowest: 12.09 Oct 26, 2006 highest: 12.42 Mar 20, 2007

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