



Water-Data Report 2007

393652075380901 Local number Dc42-25

Northern Atlantic Coastal Plain aquifer system
Columbia Group
New Castle County, DE

LOCATION.--Lat 39°36'52", long 75°38'09" referenced to North American Datum of 1927, New Castle County, Hydrologic Unit 02040205.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 58 ft. Upper casing diameter 4 in; top of first opening 47.4 ft, bottom of last opening 57.4 ft. Drilled, observation well.

DATUM.--Land-surface datum is 46.62 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.--October 1993 to December 2006

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

REMARKS.--MW-07 - Potomac Aquifer Study at Standard Chlorine, Delaware City. Well abandoned in January 2007.

EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured, 5.83 ft above sea level, December 19, 2006; lowest measured, 2.87 ft above sea level, December 7, 1993.

**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	5.55	T	--	Dec 19	5.83	T	--
Nov 21	5.79	T	--				

Water year 2007; lowest: 5.55 Oct 26, 2006 highest: 5.83 Dec 19, 2006

393652075380901 Local number Dc42-25—Continued

