



Water-Data Report 2010

**341346077522601 Local number NH-526, CASTLE HAYNE MAJOR AQUIFER STUDY SITE 4 AT WILMINGTON, NC**

Castle Hayne aquifer  
Castle Hayne Limestone  
New Hanover County, NC

LOCATION.--Lat 34°13'46", long 77°52'26" referenced to North American Datum of 1983, New Hanover County, NC, Hydrologic Unit 03030007, .17 mi east of College Road at Wilmington.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 72.38 ft. Upper casing diameter 2 in; top of first opening 62.38 ft, bottom of last opening 72.38 ft.

DATUM.--Land-surface datum is 42.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.5 ft below land-surface datum, April 27, 2007 to present.

PERIOD OF RECORD.--February 2003 to September 2005, April 2007 to current year.

GAGE.--Measured periodically with electric tape, steel tape and transducer.

REMARKS.--Well measured in 2009 as part of the National Water Quality Assessment (NAWQA) program.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.29 ft below land-surface datum, July 28, 2009; lowest water level measured, 9.48 ft below land-surface datum, April 27, 2007.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Apr 26, 2010	7.00	May 26, 2010	6.65

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