



Water-Data Report 2011

**352748077163101 Local number PI-613, CHICOD RESEARCH STATION O23L6 NEAR AYDEN, NC**

Castle Hayne aquifer  
Castle Hayne Limestone

Pitt County, NC

LOCATION.--Lat 35°27'48", long 77°16'31" referenced to North American Datum of 1983, Pitt County, NC, Hydrologic Unit 03020202, at intersection of Secondary Road 1753 and North Carolina Highway 43, 8 mi east of Ayden.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 82 ft. Upper casing diameter 4.5 in; top of first opening 72 ft, bottom of last opening 82 ft.

DATUM.--Land-surface datum is 39.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2.63 ft above land-surface datum, February 9, 2009 to present.

PERIOD OF RECORD.--August 2003 to May 2005, June 2007 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.13 ft below land-surface datum, August 12, 2003; lowest water level measured, 12.73 ft below land-surface datum, July 30, 2008.

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

<b>Date</b>	<b>Water level</b>
Jul 7, 2011	11.46

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