



Water-Data Report 2010

352226077080701 Local number CR-626, PURSER RESEARCH STATION P21n1, NEAR WILMAR, NC

Castle Hayne aquifer
Castle Hayne Limestone
Craven County, NC

LOCATION.--Lat 35°22'26", long 77°08'07" referenced to North American Datum of 1983, Craven County, NC, Hydrologic Unit 03020202, at intersection of Secondary Road 1642 and Secondary Road 1644, 1.43 mi south of Wilmar.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 172 ft. Upper casing diameter 4 in; top of first opening 52 ft, bottom of last opening 172 ft.

DATUM.--Land-surface datum is 43.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.84 ft above land-surface datum, February 4, 2009 to present.

PERIOD OF RECORD.--August 2003 to September 2005, July 2008 to current year.

GAGE.--Measured periodically with steel 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, 15.00 ft below land-surface datum, May 3, 2005; lowest water level measured, 22.60 ft below land-surface datum, July 10, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
May 19, 2010	18.41

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