



Water-Data Report 2009

**352233077091901 Local number CR-624, CASTLE HAYNE MAJOR AQUIFER STUDY SITE 30 NEAR VANCEBORO, NC**

Castle Hayne aquifer  
Castle Hayne Formation  
Craven County, NC

LOCATION.--Lat 35°22'33", long 77°09'19" referenced to North American Datum of 1983, Craven County, NC, Hydrologic Unit 03020202, on Secondary Road 1644, .31 mi west of U.S. Highway 17, 5 mi north of Vanceboro.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 160 ft. Upper casing diameter 4 in; top of first opening 150 ft, bottom of last opening 160 ft.

DATUM.--Land-surface datum is 43 ft above National Geodetic Vertical Datum of 1929. Measuring point: mp taken from top of PVC, 1.45 ft above land-surface datum, September 12, 2002, to present.

PERIOD OF RECORD.--September 2002, August 2008 to August 2009.

GAGE.--Measured periodically with steel tape.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.89 ft below land-surface datum, August 4, 2009; lowest water level measured, 30.42 ft below land-surface datum, August 7, 2008.

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

| <b>Date</b> | <b>Water level</b> |
|-------------|--------------------|
| Aug 4, 2009 | 18.89              |

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