



Water-Data Report 2010

342142077430701 Local number PE-094, CASTLE HAYNE MAJOR AQUIFER STUDY SITE 12 AT HAMPSTEAD, NC

Castle Hayne aquifer
Castle Hayne Limestone
Pender County, NC

LOCATION.--Lat 34°21'42", long 77°43'07" referenced to North American Datum of 1983, Pender County, NC, Hydrologic Unit 03030001, on North Carolina Highway 210/U.S. Highway 17, .8 mi south of Hampstead.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 4 in; top of first opening 65 ft, bottom of last opening 90 ft.

DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of sanitary seal of 4-in PVC, 1.20 ft above land-surface datum, September 11, 2002, to present.

PERIOD OF RECORD.--September 2002, October 2004, April 2007 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.04 ft below land-surface datum, October 25, 2004; lowest water level measured, 21.35 ft below land-surface datum, July 2, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
May 25, 2010	15.89

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