



Water-Data Report 2011

342435077365401 Local number PE-099, CASTLE HAYNE MAJOR AQUIFER STUDY SITE 12B NEAR ANNANDALE, NC

Castle Hayne aquifer
Castle Hayne Limestone

Pender County, NC

LOCATION.--Lat 34°24'35", long 77°36'54" referenced to North American Datum of 1983, Pender County, NC, Hydrologic Unit 03030001, on Secondary Road 1563, 2 mi east of Woodside.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter undefined; top of first opening 80 ft, bottom of last opening 90 ft.

DATUM.--Land-surface datum is 25 ft above National Geodetic Vertical Datum of 1929. Measuring point: access port on well, 1.37 ft above land-surface datum, April 19, 2007 to present.

PERIOD OF RECORD.--February 2003, May 2005, 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. Water level periodically affected by pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.96 ft below land-surface datum, July 28, 2009; lowest water level measured 20.49 ft below land-surface datum, July 2, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Apr 20, 2011	15.40

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