



Water-Data Report 2009

342515077353901 Local number PE-098, CASTLE HAYNE MAJOR AQUIFER STUDY SITE 13B, AT WATTS LANDING, NC

Castle Hayne aquifer
Castle Hayne Formation
Pender County, NC

LOCATION.--Lat 34°25'15", long 77°35'39" referenced to North American Datum of 1983, Pender County, NC, Hydrologic Unit 03030001, .46 mi west of Secondary Road 1560, 2.7 mi east of North Carolina Highway 210 at Watts Landing.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 4 in; top of first opening 70 ft, bottom of last opening 80 ft.

DATUM.--Land-surface datum is 12.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.5 ft above land-surface datum, April 19, 2007 to present.

PERIOD OF RECORD.--February 2003, April 2007, July 2009.

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

REMARKS.--Well measured in 2009 as part of the National Water Quality Assessment (NAWQA) program.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.7 ft below land-surface datum, April 19, 2007; lowest water level measured, 5.45 ft below land-surface datum, July 28, 2009.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Jul 28, 2009	5.45

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