



Water-Data Report 2010

342511077520701 Local number PE-100, CASTLE HAYNE MAJOR AQUIFER STUDY SITE 5B NEAR ROCKY POINT, NC

Castle Hayne aquifer
Castle Hayne Limestone
Pender County, NC

LOCATION.--Lat 34°25'11", long 77°52'07" referenced to North American Datum of 1983, Pender County, NC, Hydrologic Unit 03030007, at U.S. Interstate 40, 1.5 mi southeast of Rocky Point.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 21.75 ft. Upper casing diameter 2.0 in; top of first opening 12 ft, bottom of last opening 21.75 ft.

DATUM.--Land-surface datum is 37.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2.75 ft above land-surface datum June 20, 2007 to present.

PERIOD OF RECORD.--March 2003 to September 2005, June 2007 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.47 ft below land-surface datum, June 7, 2005; lowest water level measured, 14.49 ft below land-surface datum, September 8, 2005.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Apr 26, 2010	8.61

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