



Water-Data Report 2009

344537077283601 Local number ON-310, CASTLE HAYNE MAJOR AQUIFER STUDY SITE 15 AT JACKSONVILLE, NC

Castle Hayne aquifer
Castle Hayne Formation
Onslow County, NC

LOCATION.--Lat 34°45'37", long 77°28'36" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, .31 mi northeast of North Carolina Highway 24/U.S. Highway 258, at Jacksonville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 110.6 ft. Upper casing diameter 2 in.

DATUM.--Land-surface datum is 22.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.1 ft above land-surface datum, April 19, 2007, to present.

PERIOD OF RECORD.--January 2003, April 2007 to July 2009.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.49 ft below land-surface datum, April 19, 2007; lowest water level measured 9.35 ft below land-surface datum, July 17, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Jul 1, 2009	7.48

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