



Water-Data Report 2009

352734077111301 Local number PI-612, VOICE OF AMERICA 02211, NEAR BLACK JACK, NC

Castle Hayne aquifer
Castle Hayne Formation
Pitt County, NC

LOCATION.--Lat 35°27'34", long 77°11'13" referenced to North American Datum of 1983, Pitt County, NC, Hydrologic Unit 03020202, at Voice of America site, 4.7 mi southeast of Black Jack.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 4 in; top of first opening 51.5 ft, bottom of last opening 80 ft.

DATUM.--Land-surface datum is 46.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2.54 ft above land-surface datum, June 6, 2007 to present.

PERIOD OF RECORD.--August 2003 to September 2005, June 2007 to May 2009.

GAGE.--Measured periodically with electric tape, steel 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, 5.70 ft below land-surface datum, May 4, 2005; lowest water level measured, 9.22 ft below land-surface datum, July 10, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
May 6, 2009	6.6

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