



Water-Data Report 2012

**344922077484705 Local number DU-128, NCDENR CHINQUAPIN RESEARCH STATION W29D5 AT CHINQUAPIN, NC (CASTLE HAYNE)**

Castle Hayne aquifer  
Castle Hayne Limestone

Duplin County, NC

LOCATION.--Lat 34°49'22", long 77°48'47" referenced to North American Datum of 1927, Duplin County, NC, Hydrologic Unit 03030007, .13 mi west of North Carolina Highway 50 and .46 mi south of Chinquapin. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 130 ft. Upper casing diameter 4 in; top of first opening 100 ft, bottom of last opening 130 ft.

DATUM.--Land-surface datum is 42.62 ft above National Geodetic Vertical Datum of 1929. Measuring point: 0.65 ft below land-surface datum, October 19, 2005 to present.

PERIOD OF RECORD.--January 1980 to July 1981, August 1986 to November 1987, August 2003 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.49 ft below land-surface datum, January 24, 1980; lowest water level measured, 11.58 ft below land-surface datum, November 3, 1986.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM**

Date	Water level
Jun 5, 2012	7.14

