



Water-Data Report 2010

351019077184102 Local number CR-543, NCDENR COVE CITY RESEARCH STATION R23x2, NEAR COVE CITY, NC

Castle Hayne aquifer
Castle Hayne Limestone
Craven County, NC

LOCATION.--Lat 35°10'19", long 77°18'41" referenced to North American Datum of 1927, Craven County, NC, Hydrologic Unit 03020202, on Secondary Road 1232, .6 mi east of Secondary Road 1001 and 2 mi south of Cove City. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 98 ft. Upper casing diameter 2.5 in; top of first opening 88 ft, bottom of last opening 98 ft.

DATUM.--Land-surface datum is 46 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.34 ft above land-surface datum, April 10, 2007 to present.

PERIOD OF RECORD.--March 1985, June 1986, October 2002, October 2004 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.39 ft below land-surface datum, January 24, 2006; lowest water level measured, 9.16 ft below land-surface datum, October 30, 2002.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Apr 20, 2010	6.04

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