



Water-Data Report 2010

350816077101805 Local number CR-533, CLARKS RESEARCH STATION S22j5 NEAR CLARK, NC

Castle Hayne aquifer
Castle Hayne Limestone
Craven County, NC

LOCATION.--Lat 35°08'16", long 77°10'18" referenced to North American Datum of 1927, Craven County, NC, Hydrologic Unit 03020202, near U.S. Highway 70, .4 mi north of Secondary Road 1225 and 1.92 mi west of Clark.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 4 in; top of first opening 55 ft, bottom of last opening 80 ft.

DATUM.--Land-surface datum is 27.36 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.55 ft above land-surface datum, April 10, 2007 to present.

PERIOD OF RECORD.--July 1981, January 1986 to November 1987, October 2002, October 2004 to September 2005, April 2007 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, 8.98 ft below land-surface datum, January 7, 1986; lowest water level measured, 24.80 ft below land-surface datum, October 31, 2002.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Apr 20, 2010	18.28

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