



Water-Data Report 2010

345809077301401 Local number JO-064, NCDENR COMFORT RESEARCH STATION U26j1 NEAR COMFORT, NC

Castle Hayne aquifer
Castle Hayne Limestone

Jones County, NC

LOCATION.--Lat 34°58'12", long 77°30'12" referenced to North American Datum of 1927, Jones County, NC, Hydrologic Unit 03020204, 2.5 mi south of Comfort at North Carolina Division of Forest Resources fire tower on Secondary Road 1003. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 4 in; top of first opening 27 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 65 ft above National Geodetic Vertical Datum of 1929. Measuring point: 0.99 ft above land-surface datum, October 19, 2005 to present.

PERIOD OF RECORD.--July 1971, May 1979, June 1986 to July 1987, November 2002, November 2004 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.46 ft below land-surface datum, June 26, 2006; lowest water level measured, 14.75 below land-surface datum, November 13, 2002.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

| Date | Water level |
|--------------|--------------------|
| May 25, 2010 | 12.16 |

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