



Water-Data Report 2009

340052078045901 Local number BR-112, BOILING SPRING RESEARCH STATION 2, FF32y1 NEAR BOILING SPRING LAKE, NC

Castle Hayne aquifer
Castle Hayne Formation
Brunswick County, NC

LOCATION.--Lat 34°00'51.92", long 78°04'58.94" referenced to North American Datum of 1983, Brunswick County, NC, Hydrologic Unit 03030005, 1.5 mi west of North Carolina Highway 87, near Boiling Spring Lake. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 150 ft. Upper casing diameter 4.00 in; top of first opening 67 ft, bottom of last opening 150 ft.

DATUM.--Land-surface datum is 51.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2.30 ft above land-surface datum, as determined by NCDENR, Division of Water Resources, April 26, 2007, to present.

PERIOD OF RECORD.--June 1977 to December 1978, July 1983 to October 1989, August 2000, March 2003 to September 2005, April 2007 to May 2009. Records prior to August 2000, furnished by NCDENR, Division of Water Quality.

GAGE.--Measured periodically with electric and steel tape by USGS and NCDENR, Division of Water Quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.14 ft below land-surface datum, July 17, 1978; lowest water level measured, 6.88 ft below land-surface datum, July 7, 1987.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
May 6, 2009	5.46

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