



Water-Data Report 2009

352832076470102 Local number BO-384, BATH RESEARCH STATION 017I2 NEAR BATH, NC

Castle Hayne aquifer
Castle Hayne Formation
Beaufort County, NC

LOCATION.--Lat 35°28'32", long 76°47'01" referenced to North American Datum of 1927, Beaufort County, NC, Hydrologic Unit 03020104, .17 mi west of Secondary Road 1743 and 1.5 east of Bath.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 200 ft. Upper casing diameter 4 in; top of first opening 165 ft, bottom of last opening 200 ft.

DATUM.--Land-surface datum is 7.97 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.05 ft above land-surface datum, February 4, 2009 to present.

PERIOD OF RECORD.--January 1973, September 1981, December 1987, August 2003 to September 2005, June 2007 to April 2009.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.57 ft below land-surface datum, May 3, 2005; lowest water level measured, 32.43 ft below land-surface datum, July 10, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Apr 28, 2009	32.33

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