



Water-Data Report 2012

344747076352901 Local number CT-205, LU-S17B, AT BETTIE, NC (SURFICIAL)

Surficial aquifer system
Post Miocene (Quaternary + Pliocene) Rocks

Carteret County, NC

LOCATION.--Lat 34°47'47.5", long 76°35'29.0" referenced to North American Datum of 1983, Carteret County, NC, Hydrologic Unit 03020106, at Bettie.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 14.0 ft, diameter 2 in., cased to 9 ft, screened interval 9 ft to 14 ft.

DATUM.--Land-surface datum is 5 ft above North American Vertical Datum of 1988. Measuring point: TOP OF PVC CASING, 2.75 ft above land-surface datum, Oct. 27, 2009, to present. Land-surface datum is 5 ft above North American Vertical Datum of 1988. Measuring point: top of casing, 2.75 ft above land-surface datum, October 27, 2009 to present.

PERIOD OF RECORD.--October 2009 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, 1.85 ft below land-surface datum, October 27, 2009; lowest water level recorded, 4.40 ft below land-surface datum, May 27, 2011.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Apr 11, 2012	2.40

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