



Water-Data Report 2011

361420077111407 Local number BE-080 (NC-154), NCDENR ROXOBEL RESEARCH STATION, F22b7

Surficial aquifer system
Post Miocene (Quaternary + Pliocene) Rocks

Bertie County, NC

LOCATION.--Lat 36°14'21", long 77°11'13" referenced to North American Datum of 1983, Bertie County, NC, Hydrologic Unit 03010203, 3.8 mi northeast of Roxobel on Secondary Road 1249. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 12 ft. Upper casing diameter 4 in; top of first opening 7 ft, bottom of last opening 12 ft. Drilled observation well, drilled to 12 ft, diameter 4 in., cased to 7 ft, screened interval from 7 to 12 ft.

DATUM.--Land-surface datum is 74 ft above National Geodetic Vertical Datum of 1929. Measuring point: MP TOP OF INST. SHELF, 3.05 ft above land-surface datum, 1987 to present. Land-surface datum is 74 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Measuring point: top of instrument shelf, 3.05 ft above land-surface datum, November 14, 1986 to present.

PERIOD OF RECORD.--October 1994 to current year. Continuous record November 1986 to October 2009.

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 recorded, 0.19 ft below land-surface datum, March 29, 2009; lowest water level recorded, 9.76 ft below land-surface datum, November 12, 13, 14, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Jun 9, 2011	6.60

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