



Water-Data Report 2007

354404078403103 Local number WK-286, DENR Lake Wheeler Research Station MW-3D (Bedrock well)

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Metagneous Rock
Wake County, NC

LOCATION.--Lat 35°44'05", long 78°40'31" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, .6 mi south of Tryon Road, .2 mi east of Lake Wheeler Road on North Carolina State University Research Farm. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 301 ft, diameter 6.25 in., cased to 66 ft, open hole from 66 to 301 ft.

DATUM.--Land-surface datum is 376.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of PVC casing, 1.73 ft above land-surface datum, September 26, 2003, to present.

PERIOD OF RECORD.--July 2001 to current year. Continuous record February 2003 to September 2003.

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

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.55 ft below land-surface datum, September 18, 2003; lowest water level measured 27.87 ft below land-surface datum, October 3, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

Date	Water level
Oct 10, 2006	27.24

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