



Water-Data Report 2007

**354359078403104 Local number WK-283, DENR Lake Wheeler Research Station MW-2D (Bedrock well).**

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

LOCATION.--Lat 35°43'59", long 78°40'32" 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 601 ft, diameter 4 in., cased to 80 ft, open hole from 80 to 447 ft, hole collapsed from 447 to 601 ft.

DATUM.--Land-surface datum is 359.77 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 4-inch PVC liner casing, 1.90 ft above land-surface datum, Mar. 21, 2002, to present.

PERIOD OF RECORD.--July 2001 to current year. Continuous record May 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, 29.02 ft below land-surface datum, September 18, 2003; lowest water level measured, 31.60 ft below land-surface datum, August 22, 2002.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM**

Date	Water level
Oct 10, 2006	30.94

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