



Water-Data Report 2007

354404078403102 Local number WK-285, DENR Lake Wheeler Research Station MW-3I (Transition zone well)

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite
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 60 ft, diameter 4 in., cased to 45 ft, screened interval from 45 to 60 ft, sand filter packed from 33 to 60 ft.

DATUM.--Land-surface datum is 375.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 4-inch PVC casing, 1.91 ft above land-surface datum, August 9, 2001, to present.

PERIOD OF RECORD.--May 2001 to current year.

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 measured, 23.02 ft below land-surface datum, October 13, 2003; lowest water level measured, 27.16 ft below land-surface datum, October 3, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

Date	Water level
Oct 10, 2006	26.32

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