

WAKE COUNTY—Continued

354400078403301. County number, WK-290; DENR Lake Wheeler Research Station PZ-3.

LOCATION.--Lat 35°44'01", long 78°40'34", Hydrologic Unit 03020201, .6 mi south of Tryon Road, .2 mi east of Lake Wheeler Road on North Carolina State University Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Regolith (saprolitic Raleigh Gneiss).

WELL CHARACTERISTICS.--Drilled observation well, depth 47 ft, diameter 2 in., cased to 32 ft, screened interval from 32 to 47 ft.

INSTRUMENTATION.--Measured periodically with electric tape (by DENR and USGS).

DATUM.--Land-surface datum is 358.83 ft above NGVD of 1929. Measuring point: Top of 2-inch casing, 1.35 ft above land-surface datum.

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

PERIOD OF RECORD.--May 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.30 ft below land-surface datum, Aug. 13, 2003; lowest water level measured 17.68 ft below land-surface datum, Aug. 3, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

