

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 NCSU 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 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	15.64*	DEC 29	15.87*	MAR 01	15.79*	MAY 10	16.57*	JUL 07	17.32*	AUG 31	16.32*
NOV 13	15.91*	JAN 30	16.29*	APR 05	16.05*	JUN 08	17.06*	AUG 03	17.68*		

*DENR measurement.

