

WAKE COUNTY—Continued

354401078403401. County number, WK-287; DENR Lake Wheeler Research Station PW-1.

LOCATION.--Lat 35°44'00.9", long 78°40'33.7", 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.--Raleigh Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, depth 302 ft, diameter 6 in., cased to 62.5 ft, open hole from 62.5 to 302 ft.

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

DATUM.--Land-surface datum is 358.07 ft above NGVD of 1929. Measuring point: Top of 6-inch casing, 0.89 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.64 ft below land-surface datum, Aug. 13, 2003; lowest water level measured 23.82 ft below land-surface datum, Oct. 3, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	23.82*	DEC 30	21.21*	MAR 05	20.78*	MAY 14	21.41	AUG 13	20.64*
NOV 04	21.52*	FEB 03	21.41*	APR 03	21.08*	JUL 09*	20.92	SEP 17	20.92*

*DENR measurements.

