

WAKE COUNTY--Continued

354359078403101. County number, WK-280; DENR Lake Wheeler Research Station MW-2S (Regolith well).

LOCATION.--Lat 35°43'59.7", long 78°40'31.4", North American Datum of 1983, 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 quartz diorite).

WELL CHARACTERISTICS.--Drilled observation well, depth 40 ft, diameter 4 in., cased to 20 ft, screened interval from 20 ft to 40 ft, sand filter packed from 17 ft to 40 ft.

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

DATUM.--Land-surface datum is 358 ft above sea level. Measuring point: Top of 4-inch casing, 1.81 ft above land-surface datum.

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

PERIOD OF RECORD.--May 2001 to September 2001.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.53 ft below land-surface datum, Aug. 1, 2001; lowest water level recorded 28.71 ft below land-surface datum, May 29, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR MAY 2001 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 29	28.70	JUL 03	28.71	AUG 01	28.53	SEP 13	28.68

