

GROUND-WATER LEVELS

WAKE COUNTY--Continued

354359078403104. County number, WK-283; DENR Lake Wheeler Research Station MW-2D (Bedrock well).  
 LOCATION.--Lat 35°43'59.0", long 78°40'31.6", 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.--Felsic Gneiss.  
 WELL CHARACTERISTICS.--Drilled observation well, depth 601 ft, diameter 6 in., cased to 80 ft, open hole from 80 ft to 447 ft, hole collapsed from 447 to 601 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 casing, 1.84 ft above land-surface datum.  
 REMARKS.--Well is part of Piedmont/Mountains groundwater project.  
 PERIOD OF RECORD.--July 2001 to September 2001.  
 EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.84 ft below land-surface datum, Aug. 1, 2001; lowest water level recorded 31.14 ft below land-surface datum, July 3, 2001.

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 03	31.14	JUL 11	30.87	AUG 01	30.84	SEP 13	31.08

