

GROUND-WATER LEVELS

WAKE COUNTY--Continued

354356078403503. County number, WK-279; DENR Lake Wheeler Research Station MW-1D (Bedrock well).
 LOCATION.--Lat 35°43'56.2", long 78°40'34.1", 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 302 ft, diameter 6 in., cased to 47 ft, open hole from 47 ft to 302 ft.
 INSTRUMENTATION.--Measured periodically with electric tape. (by DENR and USGS)
 DATUM.--Land-surface datum is 330 ft above sea level. Measuring point: Top of instrument shelter floor, 2.60 ft above land-surface datum.
 REMARKS.--Well is part of Piedmont/Mountains groundwater project.
 PERIOD OF RECORD.--June 2001 to September 2001.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.06 ft below land-surface datum, Aug. 1, 2001; lowest water level recorded 5.58 ft below land-surface datum, Sept. 13, Sept. 27, 2001.

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 20	5.28	AUG 01	5.06	AUG 17	5.27	SEP 13	5.58
JUL 03	5.37	15	5.23	27	5.36	27	5.58

