

GROUND-WATER LEVELS
WAKE COUNTY—Continued

354404078403102. County number, WK-285; DENR Lake Wheeler Research Station MW-3I (Transition zone well).

LOCATION.--Lat 35°44'05", long 78°40'31", 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.--Transition zone (Raleigh Gneiss).

WELL CHARACTERISTICS.--Drilled observation well, depth 60 ft, diameter 4 in., cased to 45 ft, screened interval from 45 to 60 ft, sand filter packed from 33 to 60 ft.

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

DATUM.--Land-surface datum is 375.49 ft above NGVD of 1929. Measuring point: Top of 4-inch casing, 1.91 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.02 ft below land-surface datum, Oct. 13, 2003; lowest water level measured 27.16 ft below land-surface datum, Oct. 3, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL										
OCT 13	23.02*	DEC 29	23.35*	MAR 01	23.60*	MAY 10	23.55*	JUL 07	23.97*	AUG 31	24.35*
NOV 13	23.11*	JAN 30	23.47*	APR 05	23.40*	JUN 08	23.77*	AUG 03	24.24*		

*DENR measurement.

