

WAKE COUNTY—Continued

354305078295803. County number, WK-338; Raleigh Hydrogeologic Research Station WC-3D (Bedrock).

LOCATION.--Lat 35°43'05", long 78°29'58", Hydrologic Unit 03020201, 9.3 mi east south east of Raleigh. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Felsic intrusive igneous rock.

WELL CHARACTERISTICS.--Drilled observation well, depth 300 ft, diameter 6.25 in., cased to 40 ft, open hole from 40 to 300 ft, diameter 6 in.

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

DATUM.--Land-surface datum is 145.34 ft above North American Vertical Datum of 1988. Measuring point: Top of steel casing, 2.75 ft above land-surface datum.

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

PERIOD OF RECORD.--May 2005 to September 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.96 ft below land-surface datum, May 9, 2005; lowest water level measured, 17.77 ft below land-surface datum, Aug. 24, 2005.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 09	15.96	JUL 08	16.77	AUG 03	17.14	AUG 24	17.77
25	16.12	21	17.06	22	17.46		

