

GROUND-WATER LEVELS

WAKE COUNTY—Continued

354305078295804. County number, WK-339; Raleigh Hydrogeologic Research Station WC-3CH (Bedrock).

LOCATION.--Lat 38°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 125 ft, diameter 4 in., cased to 40 ft, open hole from 40 to 125 ft, diameter 4 in.

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

DATUM.--Land-surface datum is 141.76 ft above NAVD of 1988. Measuring point: Top of PVC casing, 2.42 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, 12.03 ft below land-surface datum, May 9, 2005; lowest water level measured, 13.88 ft below land-surface datum, Sept. 1, 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	12.03	JUL 21	13.12	AUG 03	13.27	SEP 01	13.88
JUL 08	12.86	JUL 22	13.14	AUG 22	13.58		

