

WAKE COUNTY—Continued

354315078300103. County number, WK-334; Raleigh Hydrogeologic Research Station WC-2D (Bedrock).

LOCATION.--Lat 35°43'15", long 78°30'01", 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 460 ft, diameter 6.25 in., cased to 59 ft, open hole from 59 to 460 ft, diameter 6 in.

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

DATUM.--Land-surface datum is 123.98 ft above North American Vertical Datum of 1988. Measuring point: Top of steel casing, 2.58 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, 14.10 ft below land-surface datum, May 9, 2005; lowest water level measured, 17.67 ft below land-surface datum, Aug. 25, 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	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 09	14.10	MAY 25	14.39	JUL 08	15.31	JUL 20	15.61	AUG 03	15.75	AUG 25	16.23

