

**354305078295804 Local number WK-339, NCDENR Raleigh Hydrogeologic Research Station WC-3CH,
near Raleigh, NC (Bedrock)**

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Intrusive Igneous Rock

Wake County, NC

LOCATION.--Lat 35°43'05", long 78°29'59" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, 9.3 mi east south east of Raleigh. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 125 ft, diameter 4 in., cased to 40 ft, open hole from 40 ft to 125 ft, diameter 4 in.

DATUM.--Land-surface datum is 206.06 ft above North American Vertical Datum of 1988. Measuring point: top of PVC casing, 2.42 ft above land-surface datum, December 14, 2004 to present.

PERIOD OF RECORD.--May 2005 to current year.

GAGE.--Measured periodically with electric tape by NCDENR, Division of Water Quality and USGS.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.03 ft below land-surface datum, May 9, 2005; lowest water level measured, 17.23 ft below land-surface datum, September 2, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Oct 2, 2007	16.05	May 1, 2008	16.26
7	16.05	16	16.10
Jan 28, 2008	16.93	Sep 2	17.23

Highest: 16.05 Oct 02, 2007 Oct 07, 2007

Lowest: 17.23 Sep 02, 2008

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