



Water-Data Report 2008

354305078295801 Local number WK-336, NCDENR Raleigh Hydrogeologic Research Station WC-3S near Raleigh, NC (Regolith)

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

Wake County, NC

LOCATION.--Lat 35°43'05", long 78°29'58" 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 28.6 ft, diameter 4 in., cased to 13.6 ft, screened interval from 13.6 ft to 28.6 ft, sand filter packed from 9 ft to 28.6 ft.

DATUM.--Land-surface datum is 209.53 ft above North American Vertical Datum of 1988. Measuring point: top of pvc casing, 2.69 ft above land-surface datum, February 15, 2005 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, 15.05 ft below land-surface datum, May 9, 2005; lowest water level measured, 20.33 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	19.13	May 1, 2008	19.38
7	19.13	16	19.17
Jan 28, 2008	20.02	Sep 2	20.33

Highest: 19.13 Oct 02, 2007 Oct 07, 2007

Lowest: 20.33 Sep 02, 2008

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