



Water-Data Report 2008

354305078295802 Local number WK-337, NCDENR Raleigh Hydrogeologic Research Station WC-3I near Raleigh, NC (Intermediate)

Piedmont and Blue Ridge crystalline-rock aquifers
Transition Zone
Wake County, NC

LOCATION.--Lat 35°43'06", 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 49 ft, diameter 4 in., cased to 34 ft, screened interval from 34 to 49 ft, sand filter packed from 22 to 53 ft.

DATUM.--Land-surface datum is 210.07 ft above North American Vertical Datum of 1988. Measuring point: 2.69 ft above land-surface datum, February 9, 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, 15.83 ft below land-surface datum, May 9, 2005; lowest water level measured, 21.09 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	19.86	May 1, 2008	20.16
7	19.86	16	19.93
Jan 28, 2008	20.78	Sep 2	21.09

Highest: 19.86 Oct 02, 2007 Oct 07, 2007

Lowest: 21.09 Sep 02, 2008

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