



Water-Data Report 2009

362335079421701 Local number RK-251, NCDENR UPPER PIEDMONT RESEARCH STATION, PZ-1, NEAR REIDSVILLE, NC (REGOLITH)

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

Rockingham County, NC

LOCATION.--Lat 36°23'35", long 79°42'17" referenced to North American Datum of 1983, Rockingham County, NC, Hydrologic Unit 03010103, 0.6 mi north of Wentworth Street, 0.6 mi west of Secondary Road 1993 on North Carolina State University Research Farm. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 50 ft, diameter 2 in., cased to 40 ft, screened interval from 40 ft to 50 ft, sand filter packed from 38 ft to 50 ft.

DATUM.--Land-surface datum is 675.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.33 ft above land-surface datum, June 2, 2003, to present.

PERIOD OF RECORD.--June 2003 to September 2009 (discontinued).

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.77 ft below land-surface datum, July 5, 2006; lowest water level measured 10.09 ft below land-surface datum, August 31, 2009.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Oct 31, 2008	9.86	Apr 30, 2009	9.12
Nov 26	9.63	May 29	9.24
Dec 31	9.33	Jun 30	9.54
Jan 30, 2009	9.18	Jul 31	9.82
Feb 27	9.37	Aug 31	10.09
Mar 31	8.79		

Highest: 8.79 Mar 31, 2009

Lowest: 10.09 Aug 31, 2009

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