



Water-Data Report 2009

**362323079421201 Local number RK-235, NCDENR UPPER PIEDMONT RESEARCH STATION, MW-N4I,
NEAR REIDSVILLE, NC (TRANSITION ZONE)**

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

Rockingham County, NC

LOCATION.--Lat 36°23'23", long 79°42'13" 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 70 ft, diameter 6.25 in., cased to 44 ft, open hole from 44 ft to 70 ft.

DATUM.--Land-surface datum is 839.63 ft above National Geodetic Vertical Datum of 1929. Measuring point: February 2005 to August 2005, floor of shelter, 2.85 ft above land-surface datum. Shelter removed August 2005, measuring point returned to 2.80 ft above land-surface datum.

PERIOD OF RECORD.--June 2002 to September 2009 (discontinued). Continuous record February 2005 to August 2005.

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, 24.36 ft below land-surface datum, July 7, 2003; lowest water level measured, 37.54 ft below land-surface datum, October 23, 2002.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Oct 31, 2008	35.02	Apr 30, 2009	33.14
Nov 26	35.32	May 29	32.39
Dec 31	35.43	Jun 30	32.08
Jan 30, 2009	35.14	Jul 31	32.14
Feb 27	34.77	Aug 31	32.58
Mar 31	33.90		

Highest: 32.08 Jun 30, 2009

Lowest: 35.43 Dec 31, 2008

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