



Water-Data Report 2009

**362240079411801 Local number RK-237, NCDENR UPPER PIEDMONT RESEARCH STATION, MW-S11,
NEAR REIDSVILLE, NC (TRANSITION ZONE)**

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

Rockingham County, NC

LOCATION.--Lat 36°22'41", long 79°41'19" 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: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 50 ft, diameter 4 in., cased to 35 ft, screened interval from 35 to 50 ft, sand filter packed from 30 to 50 ft.

DATUM.--Land-surface datum is 803.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.50 ft above land-surface datum, May 1, 2002, to present.

PERIOD OF RECORD.--May 2002 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, 11.73 ft below land-surface datum, April 29, 2003; lowest water level measured, 31.36 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	28.39	Apr 30, 2009	20.90
Nov 26	29.09	May 29	20.94
Dec 31	28.65	Jun 30	22.05
Jan 30, 2009	26.13	Jul 31	23.36
Feb 27	24.49	Aug 31	24.83
Mar 31	22.43		

Highest: 20.90 Apr 30, 2009

Lowest: 29.09 Nov 26, 2008

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