



Water-Data Report 2009

**362240079411802 Local number RK-238, NCDENR UPPER PIEDMONT RESEARCH STATION, MW-S1D,
NEAR REIDSVILLE, NC (BEDROCK)**

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Gneiss

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, 0.2 mi north of Wentworth Street, 1.5 mi west of North Carolina Highway 14 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 301.5 ft, diameter 6.25 in., cased to 62 ft, open hole from 62 ft to 301.5 ft.

DATUM.--Land-surface datum is 802.55 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.80 ft above land-surface datum, May 15, 2002, to present.

PERIOD OF RECORD.--June 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, 11.14 ft below land-surface datum, April 29, 2003; lowest water level measured, 23.95 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	21.44	Apr 30, 2009	17.38
Nov 26	21.75	May 29	17.31
Dec 31	21.34	Jun 30	17.86
Jan 30, 2009	20.17	Jul 31	18.65
Feb 27	19.49	Aug 31	19.77
Mar 31	18.20		

Highest: 17.31 May 29, 2009

Lowest: 21.75 Nov 26, 2008

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