



Water-Data Report 2008

**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.

**GROUND-WATER 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 current year.

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
Nov 29, 2007	21.44	May 30, 2008	19.38
Dec 27	21.82	Jun 30	19.06
Jan 30, 2008	22.10	Jul 31	19.41
Feb 29	22.17	Sep 5	20.32
Mar 31	21.77	30	20.74
Apr 26	20.64		

Highest: 19.06 Jun 30, 2008

Lowest: 22.17 Feb 29, 2008

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