



Water-Data Report 2008

**362323079421202 Local number RK-236, NCDENR Upper Piedmont Research Station MW-N4D near Reidsville, NC (Bedrock)**

Piedmont and Blue Ridge crystalline-rock aquifers  
Felsic Gneiss

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.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.-- Drilled observation well, depth 300 ft, diameter 6.25 in., cased to 80 ft, open hole from 80 ft to 300 ft.

DATUM.--Land-surface datum is 840.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.58 ft above land-surface datum, August 2, 2005, to present. During period of continuous record, February to August 2005, measuring point, floor of shelter, 2.63 ft above land-surface datum. Shelter removed August 2005 and measuring point returned to 2.58 ft above land-surface datum.

PERIOD OF RECORD.--June 2002 to current year. Continuous record February 2005 to August 2005.

GAGE.--Measured periodically with electric tape. (by NCDENR, Division of Water Quality and USGS)

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.34 ft below land-surface datum, October 7, 2003; lowest water level measured, 43.96 ft below land-surface datum, September 5, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM**

Date	Water level	Date	Water level
Nov 29, 2007	41.29	May 30, 2008	41.23
Dec 27	41.55	Jun 30	41.11
Jan 30, 2008	41.52	Jul 31	40.76
Feb 29	41.70	Sep 5	41.56
Mar 31	42.11	30	42.22
Apr 26	41.85		

Highest: 40.76 Jul 31, 2008

Lowest: 42.22 Sep 30, 2008

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