



Water-Data Report 2009

**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.

GROUNDWATER 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. 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 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, 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
Oct 31, 2008	42.25	Apr 30, 2009	40.19
Nov 26	42.43	May 29	39.82
Dec 31	41.88	Jun 30	39.91
Jan 30, 2009	41.81	Jul 31	39.98
Feb 27	40.84	Aug 31	40.56
Mar 31	40.79		

Highest: 39.82 May 29, 2009

Lowest: 42.43 Nov 26, 2008

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