



Water-Data Report 2007

**362240079411802 Local number RK-238, DENR Upper Piedmont Research Station MW-S1D (Bedrock well).**

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, .2 mi north of Wentworth Street, 1.5 mi west of State 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 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
Oct 27, 2006	18.55	Apr 27, 2007	16.10
Nov 20	18.35	May 30	16.63
Dec 19	17.15	Jun 21	17.2
Jan 24, 2007	16.17	Jul 20	18.06
Feb 28	16.31	Aug 31	19.35
Mar 28	16.12	Sep 18	19.84

Highest: 16.10 Apr 27, 2007

Lowest: 19.84 Sep 18, 2007

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