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362323079421202 Local number RK-236; DENR Upper Piedmont Research Station MW-N4D (Bedrock well).

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, .6 mi north of Wentworth Street, .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 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, Aug. 2, 2005, to present.

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. During period of continuous record, February 2005 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.

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 27, 2006	40.57	Apr 27, 2007	38.21
Nov 20	40.67	May 30	38.49
Dec 19	39.73	Jun 21	38.81
Jan 24, 2007	38.92	Jul 20	39.07
Feb 28	38.57	Aug 31	39.88
Mar 28	38.43	Sep 18	40.33

Highest: 38.21 Apr 27, 2007

Lowest: 40.67 Nov 20, 2006

U.S. Department of the Interior
U.S. Geological Survey

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