



Water-Data Report 2007

362328079421702 Local number RK-234; DENR Upper Piedmont Research Station MW-N3D (Bedrock well).

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Gneiss

Rockingham County, NC

LOCATION.--Lat 36°23'28", long 79°42'17" referenced to North American Datum of 1983, Rockingham County, NC, Hydrologic Unit 03010103, .6 mi north of Wentworth Street, .6 mi west of State Highway 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 260 ft, diameter 4 in., cased to 40 ft, open hole from 40 to 260 ft.

DATUM.--Land-surface datum is 770.26 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.26 ft above land-surface datum, June 12, 2002, to present.

PERIOD OF RECORD.--August 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, 62.61 ft below land-surface datum, July 7, 2003; lowest water level measured, 68.06 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	66.56	Apr 27, 2007	64.47
Nov 20	66.59	May 30	64.59
Dec 19	66.08	Jun 21	64.69
Jan 24, 2007	65.86	Jul 20	64.73
Feb 28	65.62	Aug 31	65.14
Mar 28	65.04	Sep 18	65.54

Highest: 64.47 Apr 27, 2007

Lowest: 66.59 Nov 20, 2006

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