



Water-Data Report 2007

362328079421701 Local number RK-233; DENR Upper Piedmont Research Station MW-N3I (Transition Zone well).

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

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 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 30 ft, diameter 4 in., cased to 15 ft, screened interval from 25 to 30 ft, sand filter packed from 12 to 30 ft.

DATUM.--Land-surface datum is 770.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.20 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, 24.59 ft below land-surface datum, July 7, 2003; lowest water level measured, 29.30 ft below land-surface datum, March 10, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

Date	Water level	Date	Water level
Oct 27, 2006	27.64	Apr 27, 2007	25.94
Nov 20	27.66	May 30	26.09
Dec 19	27.40	Jun 21	26.18
Jan 24, 2007	26.83	Jul 20	26.35
Feb 28	26.61	Aug 31	26.75
Mar 28	26.25	Sep 18	26.94

Highest: 25.94 Apr 27, 2007

Lowest: 27.66 Nov 20, 2006

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