



Water-Data Report 2006

**362334079421602 Local number RK-228; DENR Upper Piedmont Research Station MW-N11 (Transition Zone well).**

Piedmont and Blue Ridge crystalline-rock aquifers  
 Quaternary Saprolite  
 Rockingham County, NC

LOCATION.--Lat 36°23'35", 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: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, depth 65 ft, diameter 4 in., cased to 50 ft, screened interval from 50 to 65 ft, sand filter packed from 20 to 50 ft, natural fill from 50 to 65 ft.

DATUM.--Land-surface datum is 672.27 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.82 ft above land-surface datum.

PERIOD OF RECORD.--May 2002 to current year.

GAGE.--Measured periodically with steel and electric tape by DENR.

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.83 ft below land-surface datum, July 5, 2006; lowest water level measured, 7.38 ft below land-surface datum, Aug. 7, 2002.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

[Measurement method: T, electric tape; S, steel tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Nov 9	6.66	T	--	May 3	6.43	T	--
Dec 30	6.07	T	--	Jul 5	4.83	S	--
Feb 16	5.97	T	--	Aug 8	6.02	T	--
Mar 31	6.32	T	--	Sep 26	6.27	T	--

Water year 2006 highest: 4.83 Jul 05, 2006; lowest: 6.66 Nov 09, 2005

Period of record highest: 4.83 Jul 05, 2006; lowest: 7.38 Aug 07, 2002

Record available from Jun 05, 2002, to Jan 24, 2007; 47 entries

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