



Water-Data Report 2006

**362335079421701 Local number RK-251, DENR Upper Piedmont Research Station PZ-1.**

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 St, .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 50 ft, diameter 2 in., cased to 40 ft, screened interval from 40 ft to 50 ft, sand filter packed from 38 ft to 50 ft.

DATUM.--Land-surface datum is 675.95 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.33 ft above land-surface datum.

PERIOD OF RECORD.--June 2003 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.77 ft below land-surface datum, July 5, 2006; lowest water level measured 9.58 ft below land-surface datum, Sept. 12, 2003.

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

[Measurement method: T, electric 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	9.36	T	--	May 3	9.19	T	--
Dec 30	8.88	T	--	Jul 5	7.77	T	--
Feb 16	8.81	T	--	Aug 8	8.82	T	--
Mar 31	9.05	T	--				

Water year 2006 highest: 7.77 Jul 05, 2006; lowest: 9.36 Nov 09, 2005

Period of record highest: 7.77 Jul 05, 2006; lowest: 9.58 Sep 17, 2003

Record available from Jun 02, 2003, to Oct 27, 2006; 28 entries

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