



Water-Data Report 2006

362332079421603 Local number RK-257, DENR Upper Piedmont Research Station PZ-5D.

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

LOCATION.--Lat 36°23'32", 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 90 ft, diameter 2 in., cased to 70 ft, screened interval from 70 to 90 ft, sand filter packed from 67 to 90 ft.

DATUM.--Land-surface datum is 671.72 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 0.51 ft below land-surface datum.

PERIOD OF RECORD.--September 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, 4.63 ft below land-surface datum, Feb. 18, 2005; lowest water level measured, 6.56 ft below land-surface datum, Sept. 28, 2005.

**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	6.30	T	--	Mar 31	5.78	T	--
Dec 30	5.37	T	--	May 3	5.94	T	--
Feb 16	5.26	T	--	Aug 8	5.70	T	--

Water year 2006 highest: 5.26 Feb 16, 2006; lowest: 6.30 Nov 09, 2005

Period of record highest: 4.63 Feb 18, 2005; lowest: 6.56 Sep 28, 2005

Record available from Sep 10, 2003, to Aug 08, 2006; 27 entries

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