Water-Data Report 2006

362226079410102 Local number RK-244; DENR Upper Piedmont Research Station MW-S4I (Transition Zone well).

Piedmont and Blue Ridge crystalline-rock aquifers
Quaternary Saprolite

Rockingham County, NC

LOCATION.--Lat 36°22′26″, long 79°41′01″ 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 35 ft, diameter 4 in., cased to 25 ft, open hole from 25 to 35 ft.

DATUM.--Land-surface datum is 659.32 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.85 ft above land-surface datum.

PERIOD OF RECORD.--May 2002 to current year. Continuous record May 2003 to October 2004.

GAGE.--Measured periodically with electric tape.

REMARKS.--Well is part of Piedmont/Mountains ground-water study. Well is located in close proximity to stream.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.11 ft below land-surface datum, May 26, 2003; lowest water level measured, 5.28 ft below land-surface datum, Aug. 7, 2002.

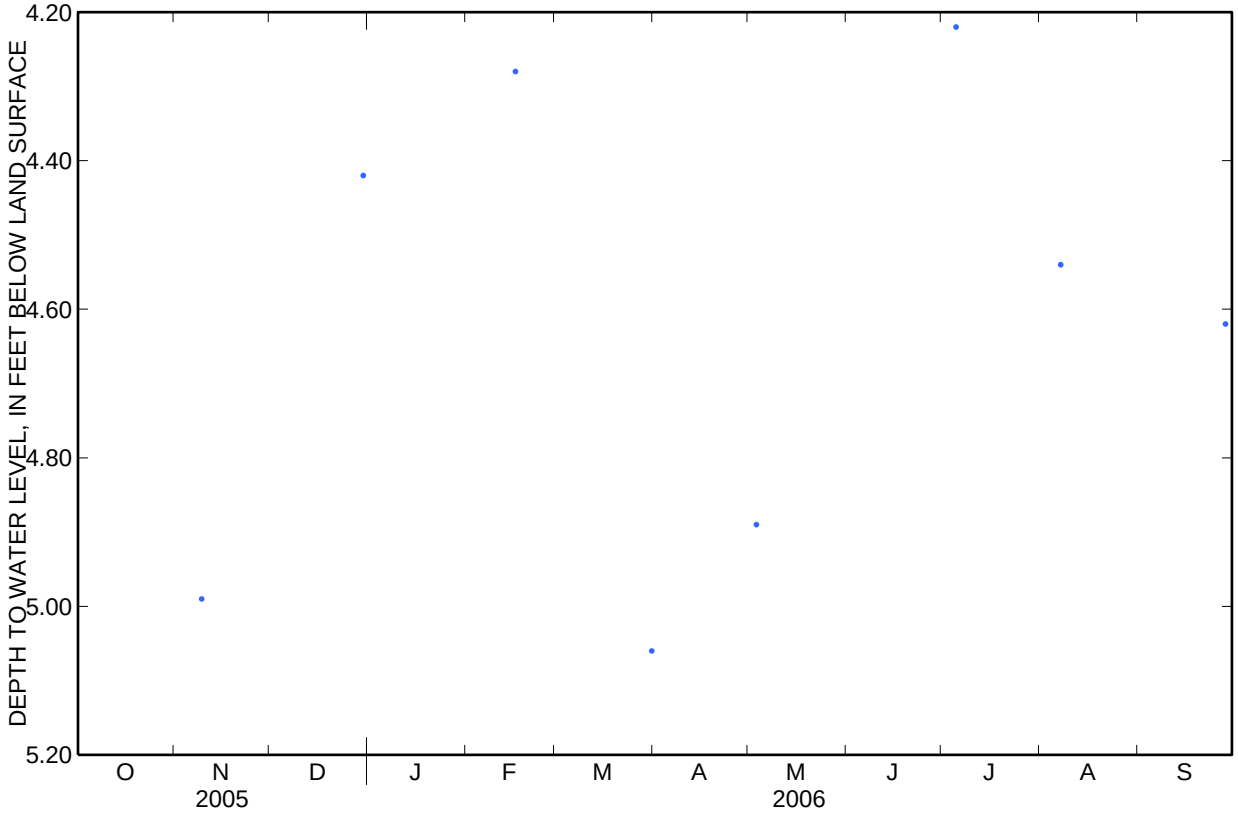
WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Nov 9	4.99	T	--	May 3	4.89	T	--
Dec 30	4.42	T	--	Jul 5	4.22	T	--
Feb 16	4.28	T	--	Aug 7	4.54	T	--
Mar 31	5.06	T	--	Sep 28	4.62	T	--

Water year 2006 highest: 4.22 Jul 05, 2006; lowest: 5.06 Mar 31, 2006

Period of record highest: 3.43 Aug 12, 2003; lowest: 5.28 Aug 07, 2002

Record available from May 06, 2002, to Oct 27, 2006; 44 entries

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