



Water-Data Report 2006

362240079411802 Local number RK-238, DENR Upper Piedmont Research Station MW-S1D (Bedrock well).

Piedmont and Blue Ridge crystalline-rock aquifers
Felsic Gneiss

Rockingham County, NC

LOCATION.--Lat 36°22'41", long 79°41'19" referenced to North American Datum of 1983, Rockingham County, NC, Hydrologic Unit 03010103, .2 mi north of Wentworth Street, 1.5 mi west of State Highway 14 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 302 ft, diameter 6 in., cased to 62 ft, open hole from 62 to 302 ft.

DATUM.--Land-surface datum is 802.55 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.80 ft above land-surface datum.

PERIOD OF RECORD.--June 2002 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, 11.14 ft below land-surface datum, April 29, 2003; lowest water level measured, 23.95 ft below land-surface datum, Oct. 23, 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	20.51	T	--	May 3	20.37	T	--
Dec 30	20.84	T	--	Jul 5	20.89	T	--
Feb 16	20.57	T	--	Aug 7	20.03	T	--
Mar 31	20.28	T	--	Sep 28	18.95	T	--

Water year 2006 highest: 18.95 Sep 28, 2006; lowest: 20.89 Jul 05, 2006

Period of record highest: 11.14 Apr 29, 2003; lowest: 23.95 Oct 23, 2002

Record available from Jun 05, 2002, to Oct 27, 2006; 43 entries

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