ROCKINGHAM COUNTY—Continued

362231079410802. County number, RK-240; DENR Upper Piedmont Research Station MW-S3UI (Transition Zone well).

LOCATION.--Lat 36°22'31.6", long 79°41'08.1", 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.

AQUIFER.--Regolith (saprolitic Biotite Gneiss).

WELL CHARACTERISTICS.--Drilled observation well, depth 55 ft, diameter 4 in., cased to 45 ft, screened interval from 45 ft to 55 ft, sand filter packed from 38 ft to 55 ft.

INSTRUMENTATION.--Measured periodically with electric tape (by both DENR and USGS).

DATUM.--Land-surface datum is 710 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.73 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

PERIOD OF RECORD.--May 2002 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.98 ft below land-surface datum, July 7, 2003; lowest water level measured 27.11 ft below land-surface datum, Oct. 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, FOR PERIOD MAY TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 15	25.33*	JUN 05	25.50*	AUG 07	26.57*	SEP 05	26.88*

*DENR measurements.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	27.11*	DEC 10	25.49*	MAR 10	22.90*	APR 29	21.02*	JUL 07	19.98*	SEP 10	20.04*
NOV 20	26.21*	FEB 03	23.69*	APR 02	22.04*	JUN 02	20.65*	AUG 12	20.24*		

*DENR measurements.