

ROCKINGHAM COUNTY—Continued

362334079421602. County number, RK-228; DENR Upper Piedmont Research Station MW-N11 (Transition Zone well).

LOCATION.--Lat 36°23'34.5", long 79°42'16.6", 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 65 ft, diameter 4 in., cased to 50 ft, screened interval from 50 ft to 65 ft, sand filter packed from 20 ft to 50 ft, natural fill from 50 ft to 65 ft.

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

DATUM.--Land-surface datum is 680 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.81 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, 4.99 ft below land-surface datum, Aug. 12, 2003; lowest water level measured 7.38 ft below land-surface datum, Aug. 7, 2002.

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 05	7.00*	AUG 07	7.38*	SEP 05	7.26*

*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	6.53*	DEC 11	5.72*	MAR 10	5.30*	APR 29	5.62*	JUL 07	5.63*	SEP 10	5.60*
NOV 20	5.65*	FEB 03	5.92*	APR 02	5.17*	JUN 02	5.35*	AUG 12	4.99*	17	5.81*

*DENR measurements.

