

GROUND-WATER LEVELS
ROCKINGHAM COUNTY—Continued

362331079421602. County number, RK-231; DENR Upper Piedmont Research Station MW-N2I (Transition Zone well).

LOCATION.--Lat 36°23'32.1", long 79°42'16.2", 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 50 ft, diameter 4 in., cased to 25 ft, open hole from 25 ft to 50 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, 2.99 ft above land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.90 ft below land-surface datum, Aug. 12, 2003; lowest water level measured, 6.98 ft below land-surface datum, Aug. 7, 2002.

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 05	6.50*	AUG 07	6.98*	SEP 05	6.82*

*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
OCT 23	5.68*	FEB 03	5.08*	APR 29	4.76*	AUG 12	3.90*	SEP 30	4.60*
NOV 20	4.62*	MAR 10	4.42*	JUN 02	4.47*	SEP 10	4.62*		
DEC 12	5.39*	APR 02	4.26*	JUL 07	4.75*	17	4.89*		

*DENR measurements.

