

GROUND-WATER LEVELS

ROCKINGHAM COUNTY--Continued

362331079421702. County number, RK-259; DENR Upper Piedmont Research Station PZ-6I.

LOCATION.--Lat 36°23'32", long 79°42'17", Hydrologic Unit 03010103, .6 mi north of Wentworth St, .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 40 ft, diameter 2 in., cased to 30 ft, screened interval from 30 ft to 40 ft, sand filter packed from 4 ft to 15 ft.

INSTRUMENTATION.--Measured periodically with electric tape by DENR.

DATUM.--Land-surface datum is 673.02 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.35 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

PERIOD OF RECORD.--September 2003 to September 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.86 ft below land-surface datum, Feb. 4, 2004; lowest water level measured 6.18 ft below land-surface datum, July 13, 2004.

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

DATE	WATER LEVEL						
SEP 10	5.32	SEP 10	5.32	SEP 17	5.62	SEP 30	5.33

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL										
OCT 07	5.58	OCT 22	5.69	DEC 29	5.35	MAR 19	5.38	JUN 11	6.14	AUG 20	5.86
10	5.56	NOV 26	5.63	FEB 04	4.86	MAY 05	5.40	JUL 13	6.18		

