

GROUND-WATER LEVELS

ROCKINGHAM COUNTY--Continued

362332079421603. County number, RK-257; DENR Upper Piedmont Research Station PZ-5D.

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 90 ft, diameter 2 in., cased to 70 ft, screened interval from 70 ft to 90 ft, sand filter packed from 67 ft to 90 ft.

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

DATUM.--Land-surface datum is 671.72 ft above NGVD of 1929. Measuring point: Top of protective steel casing, -0.51 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, 4.81 ft below land-surface datum, Sept. 10, 2003; lowest water level measured 5.51 ft below land-surface datum, June 11, 2004.

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 10	4.81	SEP 10	4.81	SEP 17	5.08

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

DATE	WATER LEVEL								
OCT 07	5.06	OCT 22	5.13	DEC 29	4.81	MAY 05	4.86	JUL 13	5.49
10	5.05	NOV 26	5.06	MAR 19	4.82	JUN 11	5.51	AUG 20	5.01

