

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 to 90 ft, sand filter packed from 67 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 current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.63 ft below land-surface datum, Feb. 18, 2005; lowest water level measured, 6.56 ft below land-surface datum, Sept. 28, 2005.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 04 | 5.82 | JAN 03 | 5.03 | MAY 04 | 5.16 | JUL 19 | 5.57 |
| NOV 22 | 5.07 | FEB 18 | 4.63 | JUN 16 | 5.22 | SEP 28 | 6.56 |

