

GROUND-WATER LEVELS  
ROCKINGHAM COUNTY—Continued

362240079411802. County number, RK-238; DENR Upper Piedmont Research Station MW-S1D (Bedrock well).

LOCATION.--Lat 36°22'41", long 79°41'19", Hydrologic Unit 03010103, .2 mi north of Wentworth Street, 1.5 mi west of State Highway 14 on North Carolina State University Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Biotite Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, depth 302 ft, diameter 6 in., cased to 62 ft, open hole from 62 to 302 ft.

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

DATUM.--Land-surface datum is 802.55 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.80 ft above land-surface datum.

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

PERIOD OF RECORD.--June 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.14 ft below land-surface datum, April 29, 2003; lowest water level measured, 23.95 ft below land-surface datum, Oct. 23, 2002.

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 | DATE   | WATER LEVEL | DATE   | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 04 | 17.98       | JAN 03 | 16.09       | MAR 09 | 16.22       | JUN 16 | 16.59       | AUG 02 | 18.11       | SEP 28 | 19.55       |
| NOV 22 | 17.69       | FEB 18 | 16.16       | MAY 04 | 15.65       | JUL 19 | 17.61       | 26     | 18.70       |        |             |

