

GROUND-WATER LEVELS  
BUNCOMBE COUNTY—Continued

352827082383901. County number, BU-083; DENR Bent Creek Research Station MW-7S (Regolith well).

LOCATION.--Lat 35°28'27", long 82°38'39", Hydrologic Unit 06010105, 1.2 mi north of Blue Ridge Parkway, 3.1 mi west of Brevard Road in Bent Creek Research Forest. 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 25 ft, diameter 4 in., cased to 10 ft, screened interval from 10 ft to 25 ft, sand filter packed from 8 ft to 25 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 2,368.23 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.96 ft above land-surface datum.

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

PERIOD OF RECORD.--February 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.19 ft below land-surface datum, July 3, 2003; lowest water level measured 11.82 ft below land-surface datum, Sept. 1, 2004.

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

| DATE   | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 10 | 11.44       | DEC 02 | 10.93       | FEB 02 | 11.31       | APR 01 | 11.08       | JUN 04 | 11.28       | AUG 02 | 11.67       |
| NOV 07 | 11.32       | JAN 06 | 11.10       | MAR 05 | 11.11       | MAY 03 | 10.93       | JUL 02 | 11.34       | SEP 01 | 11.82       |

