

GROUND-WATER LEVELS  
BUNCOMBE COUNTY—Continued

352911082383101. County number, BU-097; DENR Bent Creek Research Station PZ-7S.

LOCATION.--Lat 35°29'11", long 82°38'31", 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 13.5 ft, diameter 2 in., cased to 8 ft, screened interval from 8 to 13.5 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 2,271.29 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.97 ft above land-surface datum.

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

PERIOD OF RECORD.--October 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.54 ft below land-surface datum, Oct. 5, 2004; lowest water level measured, 7.93 ft below land-surface datum, May 24, 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 | DATE   | WATER LEVEL | DATE   | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 05 | 6.54        | FEB 24 | 7.61        | MAR 21 | 7.78        | MAY 24 | 7.93        | JUL 27 | 7.42        | AUG 31 | 7.64        |

