



Water-Data Report 2007

**352856082381203 Local number BU-076, DENR Bent Creek Research Station MW-3D (Bedrock well)**

Piedmont and Blue Ridge crystalline-rock aquifers  
Mafic Gneiss  
Buncombe County, NC

LOCATION.--Lat 35°28'57", long 82°38'12" referenced to North American Datum of 1983, Buncombe County, NC, 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.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, depth 300 ft, diameter 6.25 in., cased to 61 ft, open hole from 61 to 300 ft.

DATUM.--Land-surface datum is 2,209.07 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING, 2.74 ft above land-surface datum, February 4, 2003, to present.

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

GAGE.--Measured periodically with electric and steel tape.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.68 ft below land-surface datum, July 3, 2003; lowest water level measured, 9.85 ft below land-surface datum, September 25, 2007.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM**

Date	Water level	Date	Water level
Nov 14, 2006	9.22	May 11, 2007	9.31
Mar 14, 2007	9.10	Jul 3	9.85

Highest: 9.10 Mar 14, 2007

Lowest: 9.85 Jul 03, 2007

352856082381203 Local number BU-076, DENR Bent Creek Research Station MW-3D (Bedrock well)—Continued

