



Water-Data Report 2007

**352919082383802 Local number BU-103, BC-6D BENT CREEK RS MW-6D**

Piedmont and Blue Ridge crystalline-rock aquifers

Saprolite

Buncombe County, NC

LOCATION.--Lat 35°29'19", long 82°38'39" 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: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, depth 190 ft, diameter 6 in., cased to 53 ft, open hole from 53 ft to 190 ft.

DATUM.--Land-surface datum is 2,420 ft above North American Vertical Datum of 1988. Measuring point: Top of protective steel casing., 3.25 ft above land-surface datum.

PERIOD OF RECORD.--December 2005 to current year.

GAGE.--Measured periodically with electric and steel tape (by USGS and NCDENR, Division of Water Quality).

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 30.96 ft below land-surface datum, May 12, 2006; lowest water level measured 33.32 ft below land-surface datum, September 25, 2007.

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

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Nov 14, 2006	32.41	Jul 3, 2007	32.35
Mar 14, 2007	31.25	Sep 25	33.32
May 11	31.45		

Highest: 31.25 Mar 14, 2007

Lowest: 33.32 Sep 25, 2007

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