

BUNCOMBE COUNTY—Continued

352854082380503. County number, BU-073; DENR Bent Creek Research Station MW-2D (Bedrock well).

LOCATION.--Lat 35°28'40.9", long 82°38'11.7", 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.--Biotite Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, depth 300 ft, diameter 6 in., cased to 53 ft, open hole from 53 ft to 300 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 2,180 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 4.59 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project. Lower water levels recorded in May 2003 affected by April 2003 sampling event.

PERIOD OF RECORD.--February 2003 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.52 ft above land-surface datum, April 1, 2003; lowest water level measured 1.16 ft above land-surface datum, May 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"),
FOR PERIOD FEBRUARY TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 04	+4.13	APR 01	+4.52	JUN 06	+1.92	AUG 08	+2.67
MAR 13	+4.5	MAY 02	+1.16	JUL 03	+2.35	SEP 02	

