

BUNCOMBE COUNTY—Continued

352808082382602. County number, BU-078; DENR Bent Creek Research Station MW-4I (Transition Zone well).

LOCATION.--Lat 35°28'08", long 82°38'26", 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 41 ft, diameter 4 in., cased to 26 ft, screened interval from 26 to 41 ft, sand filter packed from 24 to 41 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 2,258.80 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 3.02 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, 6.83 ft below land-surface datum, July 3, 2003; lowest water level measured, 9.17 ft below land-surface datum, Feb. 4, 2003.

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
OCT 05	7.68	MAR 21	8.15	MAY 24	8.29	JUL 27	8.03	AUG 31	7.97

