

BUNCOMBE COUNTY—Continued

352827082383903. County number, BU-085; DENR Bent Creek Research Station MW-7D (Bedrock well).

LOCATION.--Lat 35°29'27", long 82°38'39", 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 285 ft, diameter 6 in., cased to 62 ft, open hole from 62 to 285 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals.

DATUM.--Land-surface datum is 2,369.88 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.93 ft above land-surface datum.

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

PERIOD OF RECORD.--February 2003 to current year. Continuous record began July 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.11 ft below land-surface datum, July 8, 2005; lowest water level measured 13.90 ft below land-surface datum, Feb. 4, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	13.27	13.33
2	---	---	---	---	---	---	---	---	---	13.27	13.29	13.36
3	---	---	---	---	---	---	---	---	---	13.32	13.30	13.38
4	---	---	---	---	---	---	---	---	---	13.35	13.32	13.40
5	---	---	---	---	---	---	---	---	---	13.38	13.34	13.41
6	13.29*	---	---	---	---	---	---	---	---	13.39	13.35	13.42
7	---	---	---	---	---	---	---	---	---	13.24	13.36	13.43
8	---	---	---	---	---	---	---	---	---	13.12	13.33	13.43
9	---	---	---	---	---	---	---	---	---	13.18	13.33	13.44
10	---	---	---	---	---	---	---	---	---	13.24	13.33	13.45
11	---	---	---	---	---	---	---	---	---	13.27	13.34	13.45
12	---	---	---	---	---	---	---	---	---	13.28	13.36	13.45
13	---	---	---	---	---	---	---	---	---	13.30	13.37	13.45
14	---	---	---	---	---	---	---	---	---	13.32	13.38	13.45
15	---	---	---	---	---	---	---	---	---	13.34	13.39	13.46
16	---	---	---	---	---	---	---	---	---	13.36	13.40	13.46
17	---	---	---	---	---	---	---	---	---	13.37	13.40	13.46
18	---	---	---	---	---	---	---	---	---	13.38	13.40	13.46
19	---	---	---	---	---	---	---	---	---	13.39	13.39	13.47
20	---	---	---	---	---	---	---	---	---	13.32	13.39	13.48
21	---	---	---	---	---	13.44*	---	---	---	13.22	13.40	13.48
22	---	---	---	---	---	---	---	---	---	13.24	13.40	13.49
23	---	---	---	---	---	---	---	---	---	13.27	13.40	13.49
24	---	---	---	---	---	---	---	13.43*	---	13.30	13.40	13.50
25	---	---	---	---	---	---	---	---	---	13.32	13.42	13.50
26	---	---	---	---	---	---	---	---	---	13.35	13.42	13.50
27	---	---	---	---	---	---	---	---	---	13.36	13.42	13.50
28	---	---	---	---	---	---	---	---	---	13.32	13.43	13.50
29	---	---	---	---	---	---	---	---	---	13.30	13.43	13.51
30	---	---	---	---	---	---	---	---	---	13.27	13.30	13.51
31	---	---	---	---	---	---	---	---	---	13.26	13.27	---

WTR YR 2005 MEAN 13.37 HIGH 13.12 LOW 13.51

*Periodic water-level measurements with electric tape.

