

GROUND-WATER LEVELS

90

BUNCOMBE COUNTY—Continued

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

LOCATION.--Lat 35°28'54", long 82°38'06", 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.

WATER-LEVEL RECORDS

AQUIFER.--Biotite Gneiss.

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

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

DATUM.--Land-surface datum is 2,190.15 ft above NGVD of 1929. Measuring point: Top of 2-inch steel riser casing, 9.55 ft above land-surface datum.

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

PERIOD OF RECORD.--February 2003 to current year. Continuous record began August 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.91 ft above land-surface datum, Aug. 20, 2004; lowest water level recorded, 8.35 ft above land-surface datum, July 7, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	---	---	---	---	---	---	---	---	---	---	---	-7.13	
2	---	---	---	---	---	---	---	---	---	---	---	-7.18	
3	---	---	---	---	---	---	---	---	---	---	---	-7.19	
4	---	---	---	---	---	---	---	---	---	---	---	-7.18	
5	---	---	---	---	---	---	---	---	---	---	---	-7.18	
6	---	---	---	---	---	---	---	---	---	---	---	-7.20	
7	---	---	---	---	---	---	---	---	---	---	---	-7.31	
8	---	---	---	---	---	---	---	---	---	---	---	-7.54	
9	---	---	---	---	---	---	---	---	---	---	---	-7.49	
10	---	---	---	---	---	---	---	---	---	---	---	-7.45	
11	---	---	---	---	---	---	---	---	---	---	---	-7.44	
12	---	---	---	---	---	---	---	---	---	---	---	-7.43	
13	---	---	---	---	---	---	---	---	---	---	---	-7.42	
14	---	---	---	---	---	---	---	---	---	---	---	-7.42	
15	---	---	---	---	---	---	---	---	---	---	---	-7.42	
16	---	---	---	---	---	---	---	---	---	---	---	-7.46	
17	---	---	---	---	---	---	---	---	---	---	---	-7.79	
18	---	---	---	---	---	---	---	---	---	---	---	-7.75	
19	---	---	---	---	---	---	---	---	---	---	---	-7.74	
20	---	---	---	---	---	---	---	---	---	---	---	-7.73	
21	---	---	---	---	---	---	---	---	---	---	-7.01	-7.73	
22	---	---	---	---	---	---	---	---	---	---	-7.02	-7.72	
23	---	---	---	---	---	---	---	---	---	---	-7.03	-7.72	
24	---	---	---	---	---	---	---	---	---	---	-7.04	-7.73	
25	---	---	---	---	---	---	---	---	---	---	-7.04	-7.73	
26	---	---	---	---	---	---	---	---	---	---	-7.05	-7.74	
27	---	---	---	---	---	---	---	---	---	---	-7.06	-7.77	
28	---	---	---	---	---	---	---	---	---	---	-7.07	-7.92	
29	---	---	---	---	---	---	---	---	---	---	-7.09	-7.91	
30	---	---	---	---	---	---	---	---	---	---	-7.13	-7.90	
31	---	---	---	---	---	---	---	---	---	---	-7.13	---	
WTR YR	2004	MEAN	-7.41	HIGH	-7.92	LOW	-7.01						

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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	-7.89	-7.90	-8.04	-8.10	-8.13	-8.03	-8.06	-7.94	-7.97	---	-8.18	---
2	-7.89	-7.90	-8.03	-8.10	-8.13	-8.01	-8.08	-7.94	-8.01	-8.12	-8.17	---
3	-7.89	---	-8.04	-8.11	-8.15	-8.00	-8.05	-7.93	-8.01	-8.15	-8.16	---
4	-7.90	---	-8.03	-8.11	-8.14	-8.00	-8.03	-7.92	-8.00	-8.16	-8.15	---
5	---	---	-8.02	-8.13	-8.12	-8.00	-8.03	-7.92	-7.99	-8.17	-8.14	---
6	---	---	-8.03	-8.13	-8.11	-7.99	-8.02	-7.94	-8.00	-8.18	-8.14	---
7	---	---	-8.05	-8.11	-8.13	-8.01	-8.05	-7.94	-8.00	-8.27	-8.15	---
8	-7.93	---	-8.02	-8.12	-8.13	-8.01	-8.05	-7.94	-8.01	-8.28	-8.18	---
9	-7.93	---	-8.06	-8.11	-8.14	-7.99	-8.03	-7.94	-8.01	-8.25	-8.18	---
10	-7.94	---	-8.10	-8.13	-8.13	-7.99	-8.02	-7.94	-8.00	-8.24	-8.17	---
11	-7.93	---	-8.08	-8.13	-8.12	-7.99	-8.02	-7.94	-8.02	-8.24	-8.16	---
12	-7.94	---	-8.07	-8.12	-8.12	-7.99	-8.04	-7.93	-8.07	-8.25	-8.15	---
13	-7.96	---	-8.06	-8.14	-8.11	-7.96	-8.05	-7.92	-8.15	-8.24	-8.15	---
14	-7.95	---	-8.04	-8.17	-8.12	-7.95	-8.05	-7.94	-8.14	-8.22	-8.14	---
15	-7.94	---	-8.03	-8.15	---	-7.94	-8.03	-7.95	-8.12	-8.20	-8.13	---
16	-7.92	---	-8.04	-8.16	---	-7.96	-8.02	-7.94	-8.11	-8.19	-8.13	---
17	-7.91	---	-8.05	-8.15	---	-7.96	-8.03	-7.93	-8.10	-8.17	-8.14	---
18	-7.91	---	-8.07	-8.15	---	-7.95	-8.03	-7.92	-8.10	-8.16	-8.14	---
19	-7.92	---	-8.08	-8.18	---	-7.95	-8.03	-7.93	-8.10	-8.16	-8.15	---
20	-7.92	---	-8.05	-8.18	---	-7.94	-7.98	-7.98	-8.13	-8.19	-8.14	---
21	-7.91	---	-8.05	-8.18	---	-7.96	-7.95	-7.96	-8.14	-8.20	-8.14	---
22	-7.90	---	-8.07	-8.20	---	-7.98	-7.97	-7.96	-8.14	-8.19	-8.14	---
23	-7.91	---	-8.15	-8.16	---	-8.03	-7.98	-7.96	-8.13	-8.16	-8.14	---
24	-7.92	-8.04	-8.13	-8.17	---	-8.00	-7.97	---	-8.12	-8.15	-8.13	---
25	-7.91	-8.06	-8.12	-8.18	-8.00	-8.00	-7.95	-7.93	-8.12	-8.15	-8.12	---
26	-7.90	-8.03	-8.12	-8.19	-7.99	-7.99	-7.96	-7.93	-8.13	-8.13	-8.13	---
27	-7.90	-8.04	-8.09	-8.14	-8.00	-8.01	-7.95	-7.93	-8.18	-8.14	-8.13	---
28	-7.90	-8.03	-8.10	-8.12	-8.04	-8.13	-7.94	-7.94	---	-8.18	-8.13	---
29	-7.92	-8.02	-8.10	-8.15	---	-8.08	-7.95	-7.94	---	-8.18	-8.13	---
30	-7.92	-8.02	-8.11	-8.16	---	-8.07	-7.96	-7.95	---	-8.19	-8.20	---
31	-7.91	---	-8.10	-8.14	---	-8.06	---	-7.95	---	-8.18	---	---

WTR YR 2005 MEAN -8.06 HIGH -8.28 LOW -7.89

