352854082380501 BU-071 DENR Bent Creek Research Station MW-2S (Regolith Well)—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD .-- July 2004 to November 2005 (discontinued).

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: July 2004 to November 2005.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from July 2004 to November 2005.

REMARKS.--Station operated in cooperation with North Carolina Department of Environment and Natural Resources, Division of Water Resources, as part of the Piedmont/Mountains ground-water project.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 14.4°C, Nov. 21, 22, 23, 2005; minimum recorded, 11.0°C, March 28, 29, 2005.

TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											12.0	12.3
2											12.0	12.5
3											12.0	12.5
4											12.0	12.5
5											12.0	12.4
6											12.0	12.4
7											12.0	12.7
8											12.0	13.1
9											12.1	13.2
10											12.1	13.0
												12.0
11											12.1	12.8
12											12.1	12.7
13											12.1	12.7
14											12.1	12.6
15											12.1	12.6
16												12.6
17											12.2	12.9
18											12.2	13.1
19											12.2	13.0
20											12.2	12.9
20											12.2	12.7
21											12.2	12.8
22											12.2	12.8
23											12.2	12.8
24											12.2	12.8
25											12.2	12.8
26											12.2	12.8
27											12.3	12.8
28											12.3	13.1
29											12.3	13.2
30										12.1	12.3	13.1
31										12.0	12.3	
MEAN												12.8
MAX												13.2
MIN												12.3
141114												14.3

352854082380501 BU-071 DENR Bent Creek Research Station MW-2S (Regolith Well)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1 2 3 4 5	13.0 12.9 12.9 12.9	 	13.9 13.9 13.8 13.8 13.7	13.4 13.4 13.4 13.4 13.4	13.0 13.0 12.9 12.9 12.9	11.6 11.8 11.9 12.0 12.1	11.5 11.4 11.2 11.4 11.6	11.7 11.8 11.8 11.8 11.8	11.6 11.6 11.6 11.6 11.6	12.7 12.5 12.3 12.2 12.3	13.1 12.8 12.6 12.5 12.4	13.2 12.9 12.9 12.8 12.8
6 7 8 9 10	13.2 13.2 13.2	 	13.6 13.6 13.6 13.7 13.7	13.4 13.3 13.3 13.3 13.3	12.9 12.9 12.9 12.9 12.9	12.2 12.2 12.1 12.0 12.1	11.6 11.7 11.6 11.6 11.7	11.8 11.8 11.8 11.8 11.8	11.6 11.6 11.6 11.6 11.6	12.2 12.8 13.3 13.0 12.7	12.4 12.4 13.2 13.2 13.1	12.8 12.8 12.8 12.8 12.8
11 12 13 14 15	13.2 13.2 13.2 13.2 13.2	 	13.7 13.7 13.7 13.6 13.6	13.3 13.3 13.3 12.5 12.4	12.9 12.9 12.9 12.9 12.8	12.2 12.2 12.2 12.2 12.3	11.7 11.8 11.4 11.2 11.3	11.8 11.8 11.8 11.8 11.8	11.6 11.8 12.2 12.1 11.9	12.7 13.3 13.2 13.3 13.0	12.8 12.6 12.6 12.5 12.5	12.8 12.8 12.8 12.8 12.8
16 17 18 19 20	13.2 13.2 13.2 13.2 13.2	 	13.6 13.6 13.6 13.5 13.5	12.6 12.8 12.9 12.9 12.9	12.8 12.8 12.8 12.8 12.8	12.2 12.1 12.0 12.1 12.1	11.4 11.5 11.6 11.7 11.7	11.8 11.8 11.8 11.8 11.7	11.8 11.8 11.7 11.8 12.3	12.9 12.6 12.4 12.5 13.4	12.5 12.5 12.5 12.6 12.6	12.8 12.8 12.9 12.9 12.9
21 22 23 24 25	13.2 13.2 13.2 13.2 13.2	 13.9 14.1	13.5 13.5 13.3 13.2 13.2	13.0 13.0 13.0 13.0 13.0	12.4 11.9 12.1 12.1 12.1	12.1 12.2 11.4 11.3 11.5	11.8 11.7 11.5 11.5 11.6	11.6 11.7 11.7 11.6 11.6	12.3 12.2 12.0 11.9 11.8	13.6 13.3 13.0 12.7 12.5	12.6 12.6 12.7 12.6 12.6	12.9 12.9 12.9 12.9 12.9
26 27 28 29 30 31	13.2 13.3 13.3 13.5 13.5 13.4	14.0 13.9 14.0 13.9 13.8	13.3 13.3 13.4 13.4 13.4 13.4	13.0 13.0 13.1 13.1 13.1 13.1	12.2 12.3 11.9 	11.7 11.7 11.1 11.0 11.2 11.4	11.7 11.7 11.7 11.8 11.8	11.6 11.6 11.6 11.6 11.6 11.6	11.8 12.9	12.4 12.8 13.2 13.4 13.1	12.6 12.6 12.6 12.6 13.2 13.7	13.0 13.0 13.0 13.0 13.0
MEAN MAX MIN			13.6 13.9 13.2	13.1 13.4 12.4	12.7 13.0 11.9	11.9 12.3 11.0	11.6 11.8 11.2	11.7 11.8 11.6		 	12.7 13.7 12.4	12.9 13.2 12.8

BUNCOMBE COUNTY--Continued

352854082380501 BU-071 DENR Bent Creek Research Station MW-2S (Regolith Well)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006 DAILY MEAN VALUES

1 13.0 13.5 .	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
3 13.0 13.5	1	13.0											
3 13.0 13.5	2	13.0											
5 13.1 13.5	3	13.0	13.5										
6 13.2 13.5	4	13.0	13.5										
7 13.6 13.5	5	13.1	13.5										
8 13.6 13.6 .													
9 13.3 13.6		13.6											
10 13.3 13.6	8	13.6											
11 13.2 13.6													
12	10	13.3	13.6										
13 13.2 13.6	11	13.2	13.6										
14 13.2 13.6	12	13.2	13.6										
15	13	13.2	13.6										
16 13.2 13.8	14	13.2	13.6										
17	15	13.2	13.6										
18 13.5 13.7	16	13.2	13.8										
19 13.4 13.7	17	13.4	13.8										
20	18	13.5	13.7										
21 13.4 13.8	19	13.4	13.7										
22 13.4 14.4	20	13.4	13.7										
22 13.4 14.4	21	13.4	13.8										
23													
24													
25													
27 13.5 13.8													
27 13.5 13.8	26	13.4	13.8										
28 13.5 13.9													
29 13.5 14.0													
30 13.5 14.0													
31 13.5													
MAX 13.6 14.4													
MAX 13.6 14.4	MEAN	13.3	13.7										
	MIN	13.0	13.5										