

0351706800 CHEOAH RIVER NEAR BEARPEN GAP NEAR TAPOCO, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1999 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1999 to current year.

INSTRUMENTATION.--Temperature probe since October 1999. Satellite telemetry at station.

REMARKS.--Records good. Station operated in cooperation with Tapoco, Inc.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 30.0°C, July 30, 2002; minimum recorded, 0°C, periodically in winter months.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 28.2°C, Aug. 21; minimum recorded, 0.0°C, Jan. 24.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.0	16.8	18.5	17.8	16.2	17.1	14.0	11.0	12.9	8.6	7.2	8.0
2	19.6	17.2	18.5	18.8	16.8	17.8	11.3	8.0	8.9	9.1	8.0	8.5
3	19.6	17.7	18.4	18.1	17.2	17.7	8.1	6.8	7.4	10.2	8.4	9.3
4	18.9	15.6	17.2	17.4	15.0	16.8	7.5	6.1	6.8	11.2	9.8	10.4
5	18.4	14.9	16.6	15.0	11.5	13.3	8.1	5.9	6.9	11.3	9.7	10.6
6	17.9	14.3	16.1	11.5	9.7	10.8	13.2	8.1	9.5	12.2	11.1	11.6
7	18.4	14.9	16.5	11.7	9.4	10.7	13.8	13.2	13.5	11.1	9.6	10.0
8	18.0	15.2	16.6	12.2	10.4	11.2	13.4	12.5	13.0	11.5	9.9	10.8
9	17.4	16.0	16.7	10.5	8.7	9.7	13.3	12.1	12.7	9.9	8.3	9.0
10	19.1	16.1	17.5	10.4	8.4	9.4	13.3	12.1	12.6	9.4	7.6	8.6
11	20.0	16.9	18.4	11.2	9.0	9.8	12.6	10.9	11.8	10.6	8.5	9.4
12	18.6	17.3	17.9	12.7	11.2	12.0	10.9	9.0	9.8	12.4	10.4	11.4
13	17.9	16.6	17.2	12.4	10.8	11.8	11.1	9.8	10.4	13.1	11.6	12.2
14	16.6	15.1	15.8	10.8	9.2	10.0	9.8	8.1	9.2	12.0	7.8	9.9
15	15.1	12.6	13.8	9.6	8.0	9.0	8.6	5.6	7.6	7.8	6.4	7.3
16	14.1	11.6	12.6	9.3	7.8	8.6	5.6	4.1	4.9	7.4	5.1	6.6
17	13.6	10.3	12.1	10.6	8.4	9.6	6.3	4.8	5.5	5.1	1.7	3.0
18	15.4	12.7	13.9	11.7	9.5	10.7	5.7	4.4	5.2	1.7	0.4	1.2
19	15.7	15.0	15.3	13.2	11.5	12.4	5.6	3.0	5.0	2.7	1.2	1.9
20	17.7	15.1	16.1	13.6	12.8	13.2	3.0	0.9	1.8	5.0	2.4	3.7
21	18.3	16.0	16.9	13.1	12.3	12.8	4.5	1.9	3.2	7.2	5.0	6.1
22	17.6	15.3	16.5	14.3	12.3	13.3	7.4	4.2	5.5	7.1	4.3	6.2
23	16.7	15.4	16.1	14.0	13.6	13.7	8.0	4.7	6.8	4.3	0.4	1.7
24	17.3	15.5	16.2	14.1	13.6	13.8	4.7	3.2	3.9	1.2	0.0	0.5
25	17.3	15.1	16.0	13.6	8.8	11.0	3.5	2.2	3.0	3.5	1.2	2.4
26	16.6	13.9	15.4	8.8	7.6	8.3	3.6	2.6	3.2	6.1	3.5	4.8
27	17.7	15.6	16.6	9.2	7.2	8.1	3.4	2.5	3.0	6.1	4.9	5.4
28	19.4	16.8	18.0	9.8	8.5	9.3	3.9	2.2	3.1	5.4	4.1	4.7
29	19.1	17.8	18.3	9.7	7.9	8.8	5.5	2.8	4.0	4.7	3.2	4.1
30	19.2	16.8	17.9	11.0	8.9	9.6	7.5	5.5	6.5	5.3	4.5	4.9
31	18.9	16.9	17.8	---	---	---	8.5	6.8	7.7	6.6	5.0	5.8
MONTH	20.0	10.3	16.5	18.8	7.2	11.7	14.0	0.9	7.3	13.1	0.0	6.8

0351706800 CHEOAH RIVER NEAR BEARPEN GAP NEAR TAPOCO, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.2	6.0	6.5	6.4	3.8	5.0	14.0	11.8	12.8	16.1	11.6	13.6
2	6.7	5.6	6.1	5.6	2.5	4.0	13.1	8.5	10.0	14.5	10.2	12.4
3	6.4	6.0	6.2	6.1	2.8	4.4	12.0	7.8	9.6	15.3	9.8	12.4
4	6.9	5.2	6.0	7.0	3.3	5.3	12.9	8.2	10.5	15.1	9.7	12.3
5	6.3	4.1	5.4	8.9	6.3	7.4	14.5	9.6	11.9	12.8	11.2	11.7
6	7.2	4.6	6.0	9.5	5.9	7.7	14.8	11.2	13.0	16.9	11.3	13.6
7	8.0	5.9	6.9	8.4	5.6	7.2	14.8	12.8	13.6	17.7	11.9	14.7
8	8.8	7.9	8.3	8.4	5.2	6.8	15.3	12.5	13.8	18.5	12.8	15.6
9	9.8	8.5	9.1	6.8	4.0	5.4	17.5	12.6	14.9	19.3	14.3	16.7
10	9.3	4.6	6.9	8.1	5.0	6.6	18.2	13.2	15.6	17.1	15.1	15.7
11	4.9	2.8	4.0	7.4	5.9	6.6	17.1	14.0	15.7	20.4	14.3	16.9
12	5.9	2.8	4.4	10.0	5.5	7.6	15.9	14.2	14.8	21.5	15.7	18.4
13	6.1	4.6	5.2	12.6	8.4	10.4	14.6	13.2	13.8	20.2	16.8	18.6
14	7.6	6.1	6.8	11.0	8.5	9.7	16.1	11.6	13.6	19.2	17.4	18.3
15	9.2	6.7	7.9	9.5	6.4	8.1	16.0	10.6	13.3	17.9	15.9	17.1
16	9.4	8.5	8.9	8.4	7.2	7.6	16.1	11.2	13.6	19.2	13.7	16.3
17	8.5	5.8	7.3	7.2	6.6	6.9	15.9	10.5	13.2	20.1	13.8	16.8
18	6.3	3.8	5.1	9.8	6.1	7.7	17.1	11.4	14.2	20.0	15.2	17.5
19	6.1	3.6	5.1	8.6	6.1	7.6	17.1	12.6	15.0	21.4	16.1	18.6
20	6.5	5.7	6.1	11.7	7.5	9.4	18.4	13.2	15.7	19.0	14.8	16.1
21	8.6	6.5	7.7	10.7	7.7	9.4	16.3	13.4	14.9	18.9	14.2	16.2
22	11.0	8.4	9.5	10.2	8.2	9.4	15.5	13.8	14.7	18.8	15.1	16.9
23	10.3	7.8	9.2	12.0	9.7	10.7	14.8	11.2	13.1	19.5	16.4	17.8
24	10.6	9.2	9.7	13.1	9.5	11.1	11.2	8.7	9.8	18.4	15.3	16.7
25	9.7	7.4	8.5	14.1	9.5	11.7	13.7	7.9	10.6	17.5	13.3	15.4
26	8.5	5.4	7.1	14.6	10.6	12.5	12.2	9.8	11.1	19.2	13.0	15.9
27	7.4	6.2	6.9	14.4	12.4	13.3	12.4	9.7	11.1	20.4	14.5	17.2
28	7.4	6.4	6.9	13.3	9.6	11.2	11.2	9.1	10.4	19.7	15.3	17.3
29	---	---	---	13.4	9.0	11.0	13.6	10.5	11.9	17.0	14.3	15.2
30	---	---	---	14.6	9.6	12.1	14.6	13.0	13.7	17.3	14.5	15.6
31	---	---	---	13.7	12.1	12.7	---	---	---	18.8	15.1	16.9
MONTH	11.0	2.8	6.9	14.6	2.5	8.6	18.4	7.8	13.0	21.5	9.7	15.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.7	16.3	16.9	26.2	21.8	23.7	25.3	20.8	22.8	25.2	20.5	22.6
2	18.4	15.5	16.8	25.5	20.8	22.9	26.2	21.1	23.3	25.3	21.6	23.3
3	17.8	16.5	17.1	23.2	21.2	21.9	26.2	21.0	23.5	25.5	21.9	23.5
4	22.1	16.2	18.8	23.9	20.2	22.0	26.8	21.4	23.9	24.7	20.6	22.6
5	22.7	17.8	20.2	24.8	20.5	22.6	24.8	21.6	23.2	24.8	21.0	22.7
6	24.5	18.7	20.9	22.7	20.8	21.5	25.2	21.1	22.9	24.3	20.6	22.4
7	21.2	17.5	19.2	20.8	18.0	18.9	23.0	20.3	21.4	24.4	20.3	22.1
8	19.8	17.7	18.7	22.0	17.3	19.3	22.4	19.9	20.9	24.5	20.3	22.3
9	20.2	17.4	18.6	22.0	18.0	19.9	24.2	20.3	22.2	24.5	20.5	22.3
10	21.3	18.0	19.4	21.8	19.3	20.4	26.4	21.3	23.5	24.3	20.2	22.1
11	19.7	18.3	19.0	21.2	19.7	20.3	26.9	21.7	23.9	24.5	20.7	22.4
12	19.3	18.5	18.9	21.1	19.0	20.0	26.9	21.6	24.0	24.4	20.7	22.5
13	21.1	18.1	19.2	20.3	19.2	19.7	26.1	22.2	23.8	24.4	20.7	22.5
14	23.3	18.1	20.3	20.2	19.0	19.6	26.0	21.2	23.3	24.2	20.6	22.4
15	24.2	19.2	21.3	21.9	19.0	20.3	27.3	21.9	24.3	25.1	21.3	23.1
16	23.1	18.4	20.6	22.5	20.0	21.1	27.6	22.5	24.8	23.5	21.9	22.6
17	23.0	18.0	20.3	24.0	20.2	21.7	27.4	23.3	25.1	25.7	21.5	23.4
18	21.4	16.7	19.1	24.0	20.2	21.9	27.7	23.0	24.7	24.9	22.1	23.4
19	21.4	17.2	19.3	24.0	20.7	21.9	26.3	22.1	23.9	24.0	20.2	22.1
20	20.1	16.9	18.3	25.4	19.8	22.2	27.9	22.8	25.0	24.3	20.8	22.6
21	20.7	16.0	18.0	26.0	21.3	23.4	28.2	23.6	25.7	24.7	21.1	22.9
22	22.1	17.3	19.5	25.9	21.9	23.6	27.2	23.6	25.2	24.9	21.5	23.2
23	24.1	18.2	20.9	26.8	21.5	23.9	26.0	23.3	24.4	24.6	21.6	23.1
24	24.6	19.2	21.8	26.3	21.6	23.9	27.9	22.6	25.0	24.5	21.3	23.0
25	24.8	20.0	22.3	27.5	22.0	24.5	25.6	23.3	24.2	25.0	22.1	23.2
26	22.9	20.7	21.7	28.0	22.8	25.2	24.7	21.7	23.1	23.0	21.8	22.3
27	25.2	20.0	22.3	28.0	23.1	25.3	24.6	21.9	23.2	24.1	20.9	22.3
28	23.4	20.3	22.0	25.6	21.1	23.5	25.0	21.6	23.3	23.0	20.7	22.0
29	25.0	19.7	22.1	23.2	20.5	21.6	23.8	21.9	22.9	22.4	19.7	21.3
30	26.4	21.2	23.5	23.8	20.7	22.1	23.0	21.5	22.3	21.1	17.9	19.6
31	---	---	---	24.5	21.0	22.6	25.6	21.2	22.9	---	---	---
MONTH	26.4	15.5	19.9	28.0	17.3	22.0	28.2	19.9	23.6	25.7	17.9	22.5