

0351706800 CHEOAH RIVER NEAR BEAR PEN 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, 27.0°C, Aug. 26; minimum recorded, .1°C, Jan. 18, 23, 24, 27.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.2	18.9	20.3	11.7	10.2	10.9	4.8	2.4	3.3	9.7	8.4	9.1
2	22.9	19.3	20.9	10.5	8.7	9.7	4.2	1.7	2.9	9.9	9.2	9.5
3	23.0	19.7	21.1	10.6	9.0	9.8	6.5	4.2	5.4	9.4	5.4	7.5
4	22.5	19.9	21.0	11.9	10.3	11.0	7.1	6.2	6.8	5.4	4.5	4.9
5	22.8	19.8	20.9	12.3	11.1	11.7	8.0	7.0	7.5	6.4	4.7	5.6
6	22.8	19.1	20.7	12.4	10.2	11.6	7.0	4.9	6.0	6.2	4.5	5.6
7	20.3	18.7	19.6	10.4	9.1	9.8	4.9	3.6	4.3	4.5	3.6	4.0
8	20.4	17.4	18.8	10.0	8.0	9.2	5.0	3.3	4.2	5.3	3.3	4.3
9	19.9	18.2	19.0	12.1	9.1	10.6	5.9	4.2	5.1	7.4	4.9	6.0
10	19.3	18.5	18.9	14.5	12.1	13.5	7.2	5.6	6.3	7.4	4.5	6.2
11	20.6	18.5	19.4	14.9	14.1	14.5	8.2	7.2	7.7	4.5	2.1	3.1
12	20.8	18.5	19.5	14.1	12.6	13.5	7.7	7.0	7.3	2.1	0.7	1.5
13	20.6	18.7	19.5	12.6	9.7	11.2	7.9	6.9	7.4	2.3	0.9	1.6
14	19.3	17.0	18.1	9.7	8.2	9.1	7.6	5.7	6.5	3.5	1.3	2.4
15	17.6	16.6	17.1	10.4	8.5	9.4	5.7	4.8	5.4	3.1	1.4	2.0
16	16.6	14.5	15.5	10.9	10.0	10.7	6.9	4.8	5.9	2.1	1.2	1.5
17	15.3	12.9	13.9	10.0	7.2	8.6	8.5	6.7	7.5	1.8	0.2	1.1
18	14.5	11.4	12.7	7.6	6.0	7.0	8.3	6.9	7.7	0.2	0.1	0.2
19	14.4	11.6	12.9	8.7	7.3	8.1	10.0	7.7	8.7	0.6	0.2	0.3
20	14.7	13.5	14.1	10.1	8.4	9.2	10.0	7.4	9.1	3.3	0.3	1.8
21	16.4	14.6	15.3	10.9	10.1	10.4	7.4	6.0	6.7	5.0	3.3	4.4
22	17.3	14.5	15.6	10.2	7.2	8.6	8.2	6.0	7.2	5.4	3.8	4.7
23	16.7	13.9	15.3	7.2	5.9	6.7	7.2	5.6	6.5	3.8	0.1	1.2
24	16.1	15.1	15.6	7.2	5.6	6.6	8.9	7.1	7.9	0.3	0.1	0.2
25	16.1	14.8	15.4	8.0	6.5	7.2	9.0	5.2	7.1	0.3	0.2	0.2
26	16.7	15.4	15.9	8.8	7.0	7.9	5.2	4.4	4.9	0.9	0.2	0.5
27	17.8	15.9	16.8	8.8	5.8	7.3	4.5	3.5	4.2	1.2	0.1	0.8
28	17.0	16.4	16.7	5.8	4.1	5.0	4.6	3.4	4.1	2.3	0.6	1.3
29	18.0	16.4	17.1	4.8	3.0	4.0	5.2	3.7	4.5	4.9	2.3	3.6
30	17.1	13.8	15.8	6.4	4.8	5.4	6.4	4.2	5.3	5.5	4.9	5.2
31	13.8	11.7	12.9	---	---	---	8.4	6.3	7.3	6.4	4.9	5.6
MONTH	23.0	11.4	17.3	14.9	3.0	9.3	10.0	1.7	6.2	9.9	0.1	3.4

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TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.4	5.1	5.7	11.2	8.0	9.6	12.5	6.3	9.4	18.9	14.6	16.5
2	6.2	3.9	5.2	10.5	8.2	9.8	14.8	9.2	11.9	17.1	15.2	16.1
3	8.3	5.3	6.8	9.2	6.5	7.8	16.1	10.4	13.2	18.4	14.5	16.1
4	8.9	5.9	7.6	9.4	5.9	7.8	14.3	12.4	13.4	18.8	14.3	16.4
5	5.9	4.1	5.0	11.7	9.0	10.3	16.5	13.2	14.5	16.6	14.3	15.3
6	5.2	4.2	4.7	11.5	9.7	10.8	14.5	11.2	12.9	15.9	13.7	14.9
7	4.2	3.5	4.0	11.5	8.4	9.8	14.0	12.5	13.3	16.7	15.1	15.8
8	3.5	2.0	2.8	11.1	7.3	9.3	13.7	12.8	13.3	17.9	16.1	16.9
9	4.2	1.9	3.0	13.1	9.4	10.9	13.0	10.9	12.2	18.4	16.5	17.4
10	4.5	3.8	4.1	10.5	7.8	9.2	10.9	9.7	10.2	20.0	17.0	18.2
11	5.5	3.0	4.3	10.7	6.9	8.7	10.3	9.3	9.7	19.6	17.5	18.3
12	6.3	4.0	4.9	11.7	7.4	9.6	13.8	8.6	11.0	18.8	15.5	17.1
13	5.2	2.6	4.1	12.8	9.1	11.1	15.0	10.0	12.4	17.8	13.2	15.4
14	5.7	4.0	4.6	12.4	10.9	11.8	15.6	10.1	12.9	16.5	13.7	15.2
15	8.3	5.7	7.2	12.6	10.8	11.7	16.0	11.9	14.0	17.7	14.7	16.0
16	9.1	8.3	8.7	13.3	11.3	12.2	16.4	12.6	14.5	19.3	15.2	17.0
17	8.4	6.2	7.3	13.0	11.2	12.3	14.9	13.3	13.9	19.0	16.0	17.3
18	6.2	5.3	5.7	13.6	12.0	12.8	15.3	12.8	14.0	19.6	16.4	17.7
19	7.9	5.2	6.5	13.9	12.5	13.1	18.2	13.1	15.5	19.5	16.3	17.6
20	8.5	7.5	8.0	14.2	12.2	13.0	17.2	14.7	15.9	17.9	16.5	17.2
21	8.8	8.0	8.4	13.6	11.1	12.4	17.2	15.0	15.8	17.1	16.1	16.5
22	10.7	8.8	9.7	13.2	11.6	12.4	15.6	13.1	14.3	17.6	15.3	16.3
23	10.1	7.0	7.9	14.1	9.8	11.7	15.8	10.9	13.2	19.9	15.2	17.2
24	9.6	6.8	8.1	14.1	9.2	11.7	13.7	10.9	12.5	20.2	15.6	17.6
25	7.9	6.4	6.8	14.7	9.8	12.3	15.0	12.4	13.5	17.3	14.8	16.1
26	7.8	6.3	7.0	13.1	11.5	12.3	16.0	13.1	14.4	20.4	15.5	17.5
27	9.0	7.8	8.4	15.5	10.7	12.9	18.1	12.9	15.3	18.9	15.4	17.0
28	10.3	8.5	9.2	15.7	12.1	13.6	18.4	13.5	15.9	19.3	14.5	16.9
29	---	---	---	14.3	10.7	12.7	19.8	14.3	16.9	17.4	15.7	16.5
30	---	---	---	10.7	7.5	8.9	18.1	15.5	16.5	19.1	14.7	16.8
31	---	---	---	10.1	6.1	8.0	---	---	---	20.1	15.7	17.5
MONTH	10.7	1.9	6.3	15.7	5.9	11.0	19.8	6.3	13.5	20.4	13.2	16.7
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.3	15.6	17.6	20.0	17.4	19.0	23.3	20.2	21.5	26.4	22.0	23.9
2	19.4	14.3	16.8	18.2	16.9	17.4	23.3	19.9	21.3	24.6	21.6	23.2
3	17.7	16.3	17.0	21.7	16.8	18.9	22.6	19.8	21.0	23.9	21.4	22.7
4	19.5	16.3	17.6	23.1	18.0	20.3	23.4	19.1	21.2	23.2	21.4	22.2
5	21.0	15.7	18.1	21.9	19.1	20.3	23.0	19.0	21.1	24.4	20.0	21.8
6	20.0	16.0	18.0	20.9	18.9	19.8	22.0	19.7	20.8	23.0	20.1	21.6
7	18.7	17.4	17.9	22.1	19.1	20.3	22.2	19.1	20.4	21.6	20.1	20.8
8	21.7	16.9	18.9	24.4	19.3	21.5	23.6	18.7	20.9	21.7	18.6	20.1
9	23.0	17.4	19.8	25.0	20.2	22.2	24.3	19.3	21.6	22.5	18.2	20.2
10	22.6	16.9	19.6	22.4	19.9	21.4	22.7	19.8	21.3	23.7	19.5	21.2
11	23.0	18.3	20.4	21.5	19.0	20.0	23.0	19.5	21.2	22.4	18.9	20.5
12	21.6	18.5	19.8	23.0	18.1	20.3	23.3	19.8	21.5	23.2	19.1	21.0
13	21.3	19.0	19.9	22.7	18.8	20.4	23.3	20.4	21.7	23.6	19.0	21.1
14	21.6	18.5	19.8	22.3	18.4	20.1	25.9	20.5	22.9	21.1	19.3	19.9
15	22.6	19.1	20.7	23.2	18.7	20.7	26.3	21.8	23.9	22.7	19.0	20.5
16	21.4	19.2	20.2	22.0	19.6	20.7	25.2	20.7	22.8	22.3	17.9	20.0
17	21.9	18.3	19.6	25.0	19.8	22.0	25.8	21.2	23.3	22.8	18.1	20.2
18	18.8	17.7	18.2	24.3	20.2	22.2	26.1	21.5	23.6	22.4	18.1	20.0
19	21.7	17.8	19.4	25.3	20.7	22.7	25.7	21.0	23.3	21.8	17.2	19.4
20	23.0	18.3	20.2	25.7	20.6	23.0	25.7	21.7	23.5	22.3	17.8	20.0
21	21.7	16.0	18.7	24.3	20.6	22.4	25.1	22.1	23.4	21.6	18.7	20.1
22	22.1	15.7	18.8	21.9	19.4	20.6	26.1	21.4	23.5	20.1	17.9	19.1
23	23.4	16.9	19.9	22.5	18.7	20.3	26.9	22.0	24.2	20.4	17.1	18.4
24	23.9	17.6	20.6	22.9	17.6	20.0	26.8	22.1	24.3	19.7	16.0	17.7
25	24.6	18.9	21.6	23.6	18.1	20.7	26.8	22.1	24.3	20.3	16.5	18.3
26	23.4	19.8	21.6	23.7	19.1	21.3	27.0	22.4	24.4	20.5	17.2	18.7
27	21.7	19.8	20.5	25.2	20.1	22.3	26.2	22.3	24.2	20.0	17.7	18.6
28	22.0	18.6	20.2	25.4	20.7	22.7	24.2	21.4	22.6	18.3	15.5	17.2
29	23.8	18.7	21.1	23.7	21.0	22.2	24.2	20.9	22.4	16.6	13.4	14.8
30	21.8	19.9	20.5	24.5	20.5	22.2	24.8	22.1	23.2	16.2	12.2	14.0
31	---	---	---	22.4	20.8	21.5	24.1	21.2	22.7	---	---	---
MONTH	24.6	14.3	19.4	25.7	16.8	20.9	27.0	18.7	22.5	26.4	12.2	19.9