

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 fair. 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, 30.0°C, July 30; minimum recorded, .1°C, Jan. 1, 2, 4, 5.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	16.4	11.9	14.0	11.5	8.3	10	12.1	10.3	11.0	0.7	0.1	0.3
2	16.8	12.2	14.3	13.7	10.5	12.0	10.8	9.2	9.9	1.2	0.1	0.6
3	17.3	12.8	14.9	14.7	12.0	13.2	9.7	8.0	8.8	1.8	0.8	1.2
4	17.1	13.3	15.2	13.1	10.9	12.0	9.3	7.5	8.4	1.1	0.1	0.4
5	17.1	13.6	15.4	11.6	9.3	10.5	9.8	7.6	8.6	0.9	0.1	0.4
6	16.3	12.9	14.9	10.0	7.6	8.9	10.6	8.5	9.5	1.9	0.7	1.3
7	14.6	10.7	12.6	9.3	6.7	8.1	11.3	9.9	10.7	1.9	1.2	1.7
8	13.7	9.8	11.8	9.4	6.8	8.2	12.4	11.2	11.8	2.0	0.2	1.1
9	14.1	10.2	12.2	10.3	7.7	9.0	12.3	10.2	11.4	2.3	0.3	1.2
10	14.7	11.0	12.9	9.8	7.6	8.8	10.2	9.7	9.9	4.2	1.5	2.9
11	15.5	13.1	14.2	10.0	7.5	8.7	10.9	10.0	10.3	6.2	4.2	5.2
12	16.8	15.0	15.8	9.5	7.2	8.4	11.9	9.9	10.7	4.4	2.8	3.6
13	18.1	16.4	17.3	9.0	7.0	8.0	12.5	11.9	12.2	4.2	2.7	3.4
14	17.9	15.8	17.2	8.3	6.1	7.3	13.3	11.6	12.6	4.8	2.0	3.4
15	16.7	13.6	15.0	8.3	5.9	7.1	11.6	10.1	10.6	5.2	3.6	4.5
16	14.2	11.7	13.1	8.2	5.8	7.0	10.7	9.5	10.1	4.4	2.5	3.4
17	12.8	9.9	11.2	8.7	6.1	7.4	12.4	10.3	11.5	5.3	2.8	4.0
18	12.0	8.3	10.2	9.8	7.2	8.5	11.9	9.2	10.7	6.0	4.9	5.3
19	12.4	8.9	10.7	10.3	8.0	9.2	9.2	7.4	8.3	7.1	5.2	6.2
20	13.6	10.0	11.8	10.0	7.6	9.5	8.6	5.6	7.0	6.7	5.5	6.2
21	14.4	11.1	12.7	7.6	5.8	6.8	5.6	4.2	5.0	7.6	6.2	6.8
22	15.3	11.9	13.6	7.5	5.0	6.3	5.5	3.9	4.8	6.7	4.6	5.8
23	15.7	12.6	14.0	8.9	6.4	7.5	8.1	5.1	6.8	8.4	6.6	7.7
24	17.4	13.5	15.4	12.0	8.9	10.4	7.6	4.3	5.9	9.3	8.4	8.8
25	16.3	13.3	15.2	12.6	11.1	12.0	4.3	2.8	3.6	8.4	7.6	8.0
26	13.3	10.1	11.9	11.1	9.3	10.3	3.0	1.6	2.1	8.5	7.4	7.8
27	10.1	8.2	9.3	13.9	10.5	12.3	2.5	1.2	1.8	8.8	7.0	7.8
28	9.4	6.6	8.0	14.6	12.4	13.4	4.1	1.7	2.8	8.9	6.6	7.8
29	9.4	6.3	7.8	14.6	13.0	13.8	4.4	2.8	3.6	9.9	8.5	9.1
30	9.7	6.5	8.2	14.3	12.1	13.6	2.8	1.4	1.9	10.4	8.6	9.4
31	10.7	7.6	9.1	---	---	---	1.9	0.7	1.3	11.3	9.1	10.1
MONTH	18.1	6.3	12.9	14.7	5.0	9.6	13.3	0.7	7.9	11.3	0.1	4.7

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WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.5	9.7	11.3	5.2	0.9	3.0	13.4	10.8	11.8	16.6	14.6	15.7
2	9.7	6.8	7.9	6.6	4.0	5.3	15.0	10.4	12.5	19.8	15.6	17.3
3	6.9	6.1	6.5	6.7	3.5	5.9	13.1	10.5	12.3	17.9	14.9	16.1
4	6.4	3.9	5.6	4.2	1.3	2.6	13.4	9.4	11.1	16.8	14.2	15.1
5	4.2	2.6	3.5	5.3	0.6	2.8	13.4	9.4	11.1	18.6	16.2	17.2
6	4.9	3.7	4.1	7.0	2.4	4.6	12.8	8.3	10.5	18.9	15.9	17.4
7	5.8	4.9	5.3	8.7	4.3	6.3	12.8	7.8	10.3	20.7	16.9	18.6
8	8.1	4.1	5.9	10.1	5.5	7.8	15.0	10.3	12.3	20.8	17.5	19.0
9	8.6	6.6	7.5	11.7	8.9	10.3	14.7	13.0	13.7	21.2	18.4	19.6
10	9.6	7.4	8.4	9.7	6.3	7.9	16.8	12.8	14.6	19.4	18.3	18.9
11	8.4	5.9	7.2	9.2	4.5	6.9	16.7	12.9	14.6	21.1	17.8	19.4
12	6.9	4.4	5.7	8.6	7.4	8.0	15.5	13.9	14.7	21.9	19.3	20.3
13	6.8	4.3	5.5	9.6	8.4	8.9	16.8	14.2	15.4	20.6	16.8	19.4
14	6.8	4.0	5.5	13.9	9.1	11.3	16.9	14.9	15.9	18.1	14.6	16.4
15	7.8	4.8	6.4	15.2	10.8	12.9	18.9	14.6	16.7	19.1	14.0	16.4
16	9.2	6.9	7.7	15.0	12.9	13.8	20.1	15.7	17.8	19.3	15.2	17.3
17	7.4	5.3	6.3	13.8	12.9	13.3	20.2	16.9	18.5	20.2	16.7	18.3
18	6.9	3.6	5.3	13.5	12.7	13.1	20.8	16.5	18.5	19.0	15.7	17.4
19	6.4	4.1	5.4	14.7	12.0	13.2	22.2	17.1	19.3	18.5	15.5	16.9
20	10.1	6.4	8.3	13.9	12.7	13.3	22.0	18.1	19.8	15.5	11.6	13.7
21	10.4	7.6	8.9	14.3	10.9	12.6	20.7	17.9	19.1	16.0	11.2	13.3
22	8.6	5.6	6.9	10.9	6.7	8.5	20.7	16.9	18.7	16.6	10.7	13.5
23	8.0	4.7	6.0	9.7	4.7	7.1	18.4	13.8	16.1	18.1	12.1	14.9
24	8.1	4.3	6.2	11.2	5.8	8.6	16.2	14.0	15.0	19.0	13.2	16.0
25	9.2	5.5	7.4	14.1	8.3	11.2	17.8	14.1	15.5	20.1	14.3	17.1
26	9.2	6.1	7.8	13.4	11.6	12.4	14.8	12.0	13.0	20.2	15.7	17.7
27	6.1	1.8	3.5	11.6	7.8	9.5	15.1	12.1	13.5	17.1	15.4	16.2
28	4.4	0.5	2.2	12.2	6.7	9.3	18.6	14.3	16.1	18.9	15.2	16.9
29	---	---	---	14.7	9.5	11.9	19.5	15.2	17.1	20.6	16.1	18.2
30	---	---	---	13.4	11.6	12.4	17.6	13.4	15.7	21.9	16.6	19.0
31	---	---	---	12.3	11.5	11.9	---	---	---	23.6	17.5	20.3
MONTH	12.5	0.5	6.4	15.2	0.6	9.2	22.2	7.8	15.0	23.6	10.7	17.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.5	18.8	21.3	27.4	21.7	24.5	29.3	23.2	26.0	26.6	21.0	23.5
2	24.6	19.4	21.8	27.3	22.8	24.8	29.5	23.6	26.3	27.8	22.3	24.6
3	25.9	20.2	22.7	27.4	21.9	23.9	29.3	23.8	26.3	27.9	22.6	25.0
4	23.2	20.9	22.0	25.6	20.8	22.9	28.5	23.5	25.5	28.0	22.9	25.2
5	24.3	20.0	22.0	27.3	21.6	24.3	29.1	22.5	25.4	28.7	23.3	25.5
6	22.2	19.5	21.0	28.2	22.5	25.0	28.7	23.4	25.7	27.6	22.5	24.8
7	23.8	18.8	21.1	27.5	22.1	24.6	28.0	21.6	24.5	27.5	21.9	24.4
8	25.1	19.8	22.2	27.1	22.2	24.6	27.3	21.0	23.8	26.5	21.8	23.9
9	25.1	19.7	22.3	26.4	21.3	24.0	27.0	21.0	23.7	26.8	21.4	23.8
10	25.5	19.5	22.3	24.9	22.0	23.4	27.2	22.1	24.4	26.5	20.8	23.3
11	25.5	19.3	22.2	26.6	21.4	23.6	27.8	22.2	24.8	24.6	20.3	22.4
12	24.9	19.2	22.0	26.2	22.6	24.1	28.2	22.9	25.2	25.3	19.8	22.3
13	24.8	20.3	22.4	23.9	19.9	21.5	27.0	22.3	24.6	24.6	20.2	22.3
14	22.4	20.3	21.3	23.0	19.6	20.9	26.9	22.6	24.5	23.6	21.6	22.4
15	22.9	18.5	20.4	26.1	20.4	22.7	26.3	23.0	24.5	22.9	21.1	21.9
16	20.6	17.3	19.3	27.3	21.5	24.1	25.2	22.4	23.7	25.5	20.9	22.8
17	23.7	17.0	20.1	27.8	22.1	24.7	24.9	22.4	23.4	22.9	21.5	22.1
18	23.6	18.3	20.8	27.5	23.0	25.1	25.1	21.5	23.2	22.1	21.0	21.4
19	25.0	19.1	21.5	27.1	22.8	24.7	26.4	21.8	23.6	24.4	20.5	22.1
20	24.7	18.9	21.5	27.4	22.7	24.6	27.7	21.8	24.3	23.3	21.4	22.2
21	24.8	19.4	22.0	27.8	22.1	24.8	28.5	22.6	25.3	22.1	20.1	20.9
22	24.6	18.7	21.6	28.2	23.0	25.1	27.8	23.5	25.4	20.5	19.6	20.0
23	23.4	21.0	22.1	27.7	22.1	24.5	28.9	23.4	25.7	21.8	19.1	20.2
24	24.3	19.9	21.9	26.0	22.5	24.2	27.7	24.0	25.5	21.6	19.2	20.4
25	25.1	20.6	22.4	24.6	22.5	23.3	26.7	23.3	24.6	20.5	18.9	19.7
26	24.5	20.3	22.1	27.0	22.0	24.0	26.2	22.1	23.9	18.9	18.3	18.6
27	25.2	21.1	23.0	27.7	22.9	24.9	23.3	20.2	21.8	19.5	18.5	19.1
28	23.2	21.2	22.1	27.8	23.0	25.2	26.0	20.1	22.6	21.0	18.1	19.3
29	26.5	20.8	23.1	29.7	23.6	26.1	25.2	22.0	23.4	21.9	18.2	19.7
30	27.1	21.7	24.2	30.0	24.2	26.5	26.0	21.3	23.4	21.0	18.6	19.8
31	---	---	---	28.9	23.1	25.7	25.9	21.8	23.6	---	---	---
MONTH	27.1	17.0	21.8	30.0	19.6	24.3	29.5	20.1	24.5	28.7	18.1	22.1