

TENNESSEE RIVER BASIN

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.--Station operated in cooperation with Tapoco, Inc.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 29.0°C, Aug. 9, 2000; minimum recorded, 0°C, periodically in winter months.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 27.7°C, July 24; minimum recorded, 0°C, Dec. 20-25, 30-31, Jan. 1-7, 9-11.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	19.9	14.9	17.1	14.3	11.1	12.8	5.3	3.2	4.3	.2	.0	.1
2	20.0	15.2	17.4	15.2	11.9	13.6	6.2	4.7	5.4	.3	.0	.1
3	21.2	16.2	18.3	15.7	12.8	14.3	5.9	4.7	5.1	.1	.0	.0
4	21.7	17.0	19.0	14.5	13.4	13.9	5.4	3.8	4.6	.1	.0	.0
5	21.7	17.3	19.2	14.9	12.6	13.7	4.8	3.4	4.0	.5	.0	.2
6	19.4	17.4	18.4	13.2	11.4	12.5	4.1	2.7	3.5	.7	.0	.3
7	17.4	13.3	15.7	16.2	12.9	14.6	4.5	3.1	3.7	1.0	.0	.5
8	13.3	10.5	11.8	16.6	15.3	15.9	4.6	2.2	3.3	1.5	.9	1.2
9	12.3	9.0	10.4	16.2	14.2	15.5	5.1	2.4	3.7	1.3	.0	.8
10	12.1	7.6	9.7	14.2	10.2	12.0	6.4	4.7	5.6	.3	.0	.1
11	12.4	7.6	9.8	10.5	8.9	9.6	7.4	5.2	6.4	.9	.0	.3
12	12.8	7.9	10.3	10.3	7.7	9.0	7.7	4.0	6.1	2.9	.9	1.9
13	13.6	8.9	11.2	10.3	8.8	9.5	6.0	3.1	4.0	4.5	2.8	3.4
14	13.9	9.7	11.8	10.2	7.5	9.3	8.0	6.0	7.1	4.6	2.6	3.6
15	13.9	10.1	12.0	7.9	6.3	7.1	7.5	6.3	7.0	6.1	4.2	5.0
16	14.6	10.6	12.6	7.4	6.1	6.7	9.9	7.1	8.6	4.9	3.7	4.3
17	15.2	12.1	13.7	8.9	6.9	7.9	9.9	3.6	6.7	5.3	3.4	4.3
18	16.8	13.8	15.0	6.9	5.6	6.0	3.6	2.0	2.9	6.6	5.2	5.8
19	16.3	12.7	14.5	5.6	4.8	5.2	3.5	.8	2.7	8.3	6.6	7.6
20	15.6	13.2	14.5	5.5	3.9	4.5	.8	.0	.2	7.5	3.5	5.5
21	17.3	14.5	15.9	3.9	1.8	3.0	1.2	.0	.6	3.5	2.4	3.0
22	17.6	14.7	16.1	3.6	.7	2.2	1.1	.0	.5	3.8	2.1	3.0
23	17.9	14.8	16.4	4.9	2.8	3.9	.1	.0	.0	3.5	1.8	2.8
24	18.3	15.3	16.9	6.2	4.4	5.3	1.1	.0	.5	4.3	2.6	3.4
25	17.3	15.4	16.3	8.5	6.2	7.6	.9	.0	.4	3.3	1.6	2.5
26	17.7	14.9	16.2	8.9	7.7	8.4	1.6	.3	1.0	2.5	.4	1.6
27	17.9	14.9	16.4	7.8	6.2	7.0	2.4	1.4	1.9	4.5	2.3	3.4
28	18.1	15.0	16.5	6.6	4.7	5.6	3.2	2.1	2.6	3.7	1.7	2.7
29	16.5	13.7	15.2	7.0	5.5	6.2	3.2	1.6	2.3	6.7	2.7	4.5
30	15.1	12.4	13.7	6.0	4.3	5.2	1.9	.0	.5	7.9	6.3	7.0
31	14.0	11.0	12.6	---	---	---	.5	.0	.1	7.7	5.9	6.7
MONTH	21.7	7.6	14.7	16.6	.7	8.9	9.9	.0	3.4	8.3	.0	2.8

TENNESSEE RIVER BASIN

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0351706800 CHEOAH RIVER NEAR BEAR PEN GAP NEAR TAPOCO, NC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.8	5.4	6.0	10.0	7.0	8.6	10.7	8.1	9.4	19.7	15.3	17.1
2	5.4	3.4	4.6	10.1	8.6	9.2	9.6	6.6	8.1	17.9	14.7	16.3
3	4.1	1.7	2.9	10.4	9.6	10.0	9.2	8.6	8.9	20.7	14.5	17.3
4	4.9	2.3	3.6	12.5	10.0	11.0	14.6	9.2	11.5	21.7	15.4	18.3
5	4.5	3.5	4.1	10.0	6.2	7.9	13.0	11.8	12.2	22.2	16.2	19.0
6	5.1	2.1	3.6	6.4	4.0	5.2	14.0	11.4	12.5	20.8	16.2	18.3
7	5.9	2.9	4.3	7.1	3.3	5.0	16.1	12.1	13.9	19.2	15.5	17.0
8	7.3	4.2	5.7	7.9	3.6	5.8	18.4	13.4	15.7	17.4	15.1	15.8
9	9.7	6.2	8.0	8.9	5.1	6.7	19.4	14.1	16.5	16.4	14.3	15.4
10	9.7	6.1	7.8	8.4	4.0	6.1	20.2	14.8	17.3	19.5	14.4	16.4
11	7.4	5.0	6.2	9.1	4.6	6.9	19.6	15.8	17.6	19.5	14.7	16.9
12	7.2	6.2	6.8	9.0	7.2	8.1	17.7	16.2	16.9	18.1	16.4	17.2
13	8.4	7.2	7.8	12.5	8.5	10.1	17.8	15.6	16.5	20.5	15.0	17.3
14	10.2	8.4	9.4	11.2	8.1	9.7	16.0	13.5	14.9	19.7	13.2	16.3
15	11.4	10.0	10.6	10.0	8.8	9.4	15.7	13.5	14.6	21.1	14.5	17.4
16	12.4	10.5	11.3	12.1	8.6	10.1	16.2	12.5	14.1	22.4	16.2	19.0
17	10.7	6.3	8.4	10.3	7.8	8.9	13.5	8.9	11.0	23.4	17.1	20.0
18	6.5	4.6	5.5	10.7	6.8	8.4	12.5	7.6	9.7	24.2	17.7	20.6
19	7.5	4.4	5.9	10.3	6.0	8.3	13.3	7.4	10.2	22.1	17.9	19.9
20	7.4	5.8	6.5	8.9	7.3	7.8	14.0	9.2	11.7	20.6	18.3	19.4
21	8.9	7.4	8.0	7.3	6.8	6.9	17.9	11.9	14.5	23.4	18.2	20.4
22	8.6	8.1	8.3	11.5	6.8	8.8	19.6	13.6	16.3	21.0	17.0	19.2
23	9.5	7.3	8.2	11.4	6.8	9.1	20.3	15.1	17.5	19.9	14.8	17.1
24	9.7	6.6	8.3	9.1	7.0	7.9	17.9	14.5	16.0	19.2	14.5	16.5
25	11.4	9.7	10.5	10.5	6.5	8.2	17.9	12.5	14.9	17.3	14.7	15.9
26	10.8	8.4	9.6	9.0	4.9	6.8	17.3	11.3	14.1	18.9	13.2	15.7
27	9.0	7.4	8.4	8.8	3.9	6.2	17.7	11.1	14.2	20.1	14.1	16.8
28	10.2	8.5	9.1	8.9	3.9	6.5	18.7	12.7	15.5	17.5	15.4	16.0
29	---	---	---	7.7	6.9	7.4	17.5	13.4	15.6	19.9	15.0	17.1
30	---	---	---	10.4	7.6	9.0	18.6	14.0	16.1	21.3	15.3	18.0
31	---	---	---	10.9	9.3	10.1	---	---	---	18.5	15.9	17.2
MONTH	12.4	1.7	7.1	12.5	3.3	8.1	20.3	6.6	13.9	24.2	13.2	17.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	17.5	16.3	16.8	24.3	19.7	21.7	23.8	20.7	22.1	21.3	19.6	20.3
2	18.0	15.2	16.3	26.8	20.4	23.1	24.5	20.4	22.2	21.3	19.7	20.5
3	18.8	15.4	17.1	23.6	21.4	22.4	22.9	20.8	21.9	20.7	20.0	20.4
4	19.9	16.0	17.8	26.3	20.4	22.6	25.5	20.6	22.7	23.9	19.5	21.3
5	20.2	17.3	18.7	24.0	19.9	22.0	25.6	21.8	23.3	25.7	20.4	22.6
6	20.9	17.5	19.1	26.2	20.2	22.8	25.6	21.1	23.2	25.6	21.3	23.3
7	18.6	17.5	17.9	22.8	19.9	21.3	25.8	21.5	23.6	25.3	21.1	23.1
8	19.2	17.1	17.9	25.2	19.6	22.2	27.4	22.0	24.4	24.2	20.6	22.3
9	21.1	16.8	18.6	23.7	21.4	22.4	26.7	22.7	24.4	25.5	20.4	22.6
10	21.5	16.4	18.8	27.0	20.5	23.2	24.8	21.9	23.0	23.6	21.1	22.3
11	20.5	16.9	18.8	27.5	22.0	24.5	25.6	21.1	23.0	25.0	20.3	22.2
12	23.2	17.5	20.0	26.7	21.8	24.1	23.5	21.6	22.6	25.2	20.4	22.6
13	24.7	18.8	21.5	27.4	21.5	24.0	23.9	20.8	22.0	24.7	20.5	22.5
14	22.2	16.7	19.2	26.5	19.9	22.9	25.6	20.8	22.8	24.2	20.4	22.0
15	21.5	17.1	19.1	25.4	19.2	22.1	24.8	20.4	22.6	23.2	19.0	21.0
16	21.4	18.2	19.4	24.7	20.0	22.2	25.5	21.2	23.2	21.4	18.1	19.5
17	23.3	17.1	19.9	26.0	20.6	23.1	24.9	21.8	23.1	21.2	16.7	18.7
18	24.2	17.8	20.8	24.6	21.1	22.7	25.5	21.1	23.1	21.6	16.7	19.0
19	24.6	18.9	21.6	24.6	21.5	22.8	26.1	21.3	23.3	19.0	17.5	18.1
20	25.2	19.8	22.3	25.5	21.4	23.0	25.9	21.2	23.2	20.1	17.4	18.4
21	24.8	20.1	22.3	25.9	21.7	23.5	25.5	20.0	22.4	21.9	17.4	19.3
22	21.8	19.6	20.7	26.2	21.1	23.3	25.2	19.1	21.9	21.8	17.4	19.3
23	23.2	18.4	20.5	26.1	22.0	23.9	26.1	20.1	22.8	21.6	17.4	19.4
24	23.7	17.4	20.4	27.7	22.0	24.3	24.0	21.8	22.8	19.9	17.0	18.4
25	20.9	18.0	19.5	24.7	22.2	23.5	25.0	21.3	22.9	17.1	14.5	15.8
26	19.7	17.3	18.3	25.0	21.5	22.9	24.9	21.4	23.0	16.4	12.5	14.2
27	21.9	17.4	19.6	27.4	21.9	24.2	23.8	20.9	22.2	16.5	11.8	13.9
28	22.6	18.8	20.6	25.2	22.5	23.8	22.9	20.6	21.7	17.0	12.4	14.4
29	24.3	19.6	21.8	23.6	20.3	21.7	25.0	20.6	22.6	16.9	12.7	14.5
30	23.1	19.9	21.4	24.1	19.8	21.5	22.9	21.1	21.9	16.6	12.3	14.2
31	---	---	---	24.8	20.5	22.3	21.1	19.9	20.4	---	---	---
MONTH	25.2	15.2	19.6	27.7	19.2	22.9	27.4	19.1	22.7	25.7	11.8	19.5