

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1970 to current year.

pH: July 1981 to September 1993 (discontinued).

WATER TEMPERATURE: October 1970 to current year.

DISSOLVED OXYGEN: July 1981 to September 1995 (discontinued).

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

REMARKS.--Top and bottom temperature July 1975 to October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 4,270 microsiemens, Oct. 8, 1985; minimum, 30 microsiemens, Sep. 2 - 4, 1987.

pH: Maximum, 8.5 units, Sep. 29, 30, 1981; minimum, 5.3 units, May 29, 30, 1993.

WATER TEMPERATURE: Maximum, 32.5°C, Aug.1, 2, 1999; minimum, 3.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 15.2 mg/L, Feb. 4, 5, 1994; minimum, 0.0 mg/L, Oct. 2, 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 1,630 microsiemens, May 31; minimum, 81 microsiemens, Oct. 20.

WATER TEMPERATURE: Maximum, 31.0°C, July 21, 22; minimum, 6.0°C, Jan. 27-Feb. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	308	101	217	178	107	143	234	130	182	166	120	142
2	247	97	185	231	112	167	170	122	143	283	129	194
3	191	94	148	146	106	125	174	122	146	351	141	249
4	152	87	125	126	106	116	171	125	149	291	133	199
5	161	90	131	123	105	114	225	131	173	225	127	162
6	270	99	178	123	105	113	245	131	177	172	126	152
7	329	110	230	119	105	112	189	125	157	164	120	142
8	374	113	267	148	108	121	172	124	145	184	120	143
9	399	117	259	182	110	141	162	126	143	237	125	178
10	313	106	201	182	110	143	178	124	146	257	127	193
11	253	103	178	154	110	129	183	124	146	193	125	157
12	231	102	172	147	111	127	209	127	169	153	122	137
13	298	121	218	187	115	153	235	139	186	138	116	128
14	276	111	188	193	119	155	225	124	166	126	116	122
15	216	102	172	172	111	146	152	122	134	134	116	123
16	255	109	194	220	126	185	148	120	132	138	116	126
17	378	130	309	198	118	161	136	120	129	244	116	157
18	269	102	167	152	116	133	207	122	154	638	130	343
19	114	83	96	155	112	136	661	135	343	656	134	339
20	108	81	99	183	117	147	577	137	295	536	140	303
21	102	85	95	289	119	188	295	129	195	460	146	288
22	127	84	105	570	133	334	252	130	192	670	148	346
23	123	83	108	714	142	380	264	128	188	834	180	441
24	133	112	120	780	150	393	232	124	181	688	174	403
25	156	131	144	658	146	358	222	122	172	514	138	268
26	169	126	147	632	154	351	201	121	157	244	118	174
27	170	104	150	333	133	207	155	119	138	150	114	127
28	181	112	149	241	135	189	149	121	135	122	112	119
29	183	106	152	233	141	192	131	118	126	122	114	118
30	184	107	149	276	143	223	140	118	129	136	116	122
31	174	107	142	---	---	---	148	120	134	126	114	120
MONTH	399	81	168	780	105	186	661	118	167	834	112	200



## COOPER RIVER BASIN

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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	23.0	23.5	19.5	18.5	19.0	15.5	13.5	14.5	11.0	10.5	10.5
2	23.5	22.5	23.0	19.5	19.0	19.5	14.0	13.0	13.5	11.0	10.5	11.0
3	23.5	22.5	23.0	19.0	18.0	18.5	13.5	13.0	13.0	12.0	11.0	11.5
4	23.5	23.0	23.0	18.0	17.5	17.5	13.5	13.0	13.5	12.5	12.0	12.5
5	23.0	22.5	23.0	17.5	17.0	17.0	14.0	13.5	13.5	13.0	12.5	12.5
6	23.0	22.5	22.5	17.5	17.0	17.0	14.5	14.0	14.0	12.5	11.0	12.0
7	22.5	22.0	22.5	17.5	17.0	17.5	14.0	13.5	14.0	12.0	11.0	11.5
8	22.5	22.0	22.0	18.0	17.5	17.5	14.0	13.0	13.5	12.0	11.0	11.5
9	23.0	22.0	22.5	18.0	17.5	18.0	14.0	13.0	13.5	12.5	11.5	12.0
10	23.0	22.5	23.0	18.5	18.0	18.0	14.0	13.5	14.0	13.0	12.0	12.5
11	23.5	23.0	23.0	18.5	18.0	18.5	14.5	13.5	14.0	13.0	12.0	12.5
12	23.5	23.0	23.5	18.5	18.0	18.5	14.5	13.5	14.0	13.0	12.0	12.5
13	23.5	23.0	23.0	18.5	17.5	18.0	15.0	14.0	14.5	13.0	12.0	12.5
14	23.5	22.5	23.0	18.5	17.5	18.0	15.0	14.5	15.0	12.5	11.0	12.0
15	23.5	22.5	23.0	18.0	17.5	18.0	15.0	14.0	14.5	12.0	10.5	11.0
16	23.0	22.0	22.5	18.0	16.5	17.5	14.5	13.5	14.0	11.0	10.5	10.5
17	23.0	22.0	22.5	17.0	16.0	16.5	14.0	13.0	13.5	11.0	10.5	11.0
18	22.0	21.5	22.0	16.0	15.5	16.0	14.0	13.0	13.5	11.5	10.0	10.5
19	22.0	21.5	22.0	16.0	15.5	16.0	14.0	12.5	13.5	10.5	10.0	10.5
20	22.0	21.5	22.0	16.5	16.0	16.0	13.5	13.0	13.0	11.0	10.0	10.5
21	22.0	21.0	21.5	16.5	16.0	16.5	13.0	13.0	13.0	10.5	10.0	10.0
22	21.0	20.5	21.0	17.0	16.5	16.5	13.0	12.5	13.0	10.5	9.5	10.0
23	21.0	20.0	20.0	17.5	16.5	17.0	13.0	12.5	13.0	10.0	9.0	9.5
24	20.0	19.0	19.5	17.5	17.0	17.5	13.0	12.0	12.5	10.0	8.5	9.0
25	19.0	18.0	18.5	18.0	17.0	17.5	12.5	11.0	11.5	9.0	7.5	8.0
26	19.0	18.0	18.5	18.0	17.5	18.0	11.5	10.5	11.0	8.0	7.0	7.5
27	19.0	18.0	18.5	18.0	17.0	17.5	11.0	10.0	10.5	7.5	6.0	7.0
28	19.0	18.0	18.5	17.5	16.5	17.0	10.5	10.0	10.5	7.0	6.0	6.5
29	19.0	18.0	18.5	17.5	16.0	17.0	10.5	10.0	10.0	6.5	6.0	6.0
30	19.0	18.0	18.5	17.0	14.5	16.0	10.5	10.0	10.0	6.5	6.0	6.0
31	19.0	18.5	18.5	---	---	---	10.5	10.0	10.0	6.0	6.0	6.0
MONTH	24.0	18.0	21.5	19.5	14.5	17.4	15.5	10.0	13.0	13.0	6.0	10.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.5	6.0	6.0	14.5	13.5	14.0	18.5	18.0	18.5	21.0	20.0	20.5
2	6.5	6.5	6.5	15.0	14.0	14.5	19.0	18.0	18.5	21.5	20.5	21.0
3	7.0	6.5	6.5	15.0	14.5	14.5	19.5	18.5	19.0	22.0	21.0	21.5
4	7.5	6.5	7.0	15.0	14.0	14.5	19.5	19.0	19.5	22.5	21.5	22.0
5	7.5	7.0	7.5	15.0	14.0	15.0	19.0	17.0	18.0	22.5	21.5	22.0
6	8.0	7.0	7.5	15.5	14.5	15.0	18.5	17.0	18.0	23.0	21.5	22.5
7	8.0	7.5	7.5	16.0	15.0	15.5	19.0	17.5	18.5	23.0	22.0	23.0
8	8.5	8.0	8.0	16.5	15.5	16.0	19.0	18.5	18.5	24.0	22.5	23.5
9	9.0	8.5	8.5	17.0	16.0	16.5	19.0	17.0	18.0	24.0	23.0	23.5
10	9.5	8.0	8.5	17.5	16.5	17.0	18.5	17.0	17.5	24.0	23.0	23.5
11	9.5	8.5	9.0	18.0	17.0	17.5	18.5	17.5	18.0	24.0	23.0	23.5
12	10.0	9.0	9.5	18.0	17.0	17.5	19.0	18.0	18.5	24.5	23.5	24.0
13	10.0	9.5	10.0	17.5	16.0	17.0	19.0	17.5	18.5	25.5	24.5	25.0
14	11.0	10.0	10.5	17.0	15.5	16.5	18.5	17.0	18.0	25.5	25.0	25.5
15	11.5	11.0	11.0	16.5	15.5	16.0	18.0	16.5	17.5	25.5	25.0	25.0
16	11.5	11.0	11.0	17.0	16.0	16.5	18.5	17.5	18.0	25.0	24.5	25.0
17	12.0	11.0	11.5	17.5	17.0	17.0	20.0	18.5	19.0	25.0	24.0	24.5
18	12.0	11.0	11.5	17.0	15.5	16.5	19.5	19.0	19.5	25.0	24.0	24.5
19	13.0	11.5	12.0	16.0	15.0	16.0	19.5	18.5	19.0	25.0	24.0	24.5
20	13.0	12.5	12.5	16.5	15.5	16.5	20.0	19.0	19.5	25.5	24.5	25.0
21	13.0	12.0	12.5	17.5	16.5	17.0	20.5	19.5	20.0	25.5	25.0	25.5
22	13.5	12.0	12.5	18.0	17.0	17.5	20.5	19.5	20.0	25.5	25.0	25.5
23	13.0	11.5	12.5	17.5	17.0	17.0	20.0	19.5	20.0	25.5	24.5	25.5
24	13.0	12.0	12.5	17.0	16.5	17.0	20.0	19.5	20.0	26.0	25.0	25.5
25	13.5	12.5	13.0	18.0	16.5	17.0	20.0	19.0	19.5	26.5	25.5	26.0
26	13.5	13.0	13.5	18.5	17.5	17.5	19.5	19.0	19.5	27.0	26.0	26.5
27	14.0	13.5	14.0	18.5	18.0	18.0	19.5	19.0	19.5	27.5	26.5	27.0
28	14.5	14.0	14.5	18.5	17.5	18.0	19.5	19.5	19.5	27.5	27.0	27.5
29	14.5	13.5	14.0	18.5	17.5	17.5	20.0	19.0	19.5	27.5	27.0	27.5
30	---	---	---	18.5	17.5	18.0	20.0	19.5	20.0	27.0	26.0	26.5
31	---	---	---	18.5	18.0	18.0	---	---	---	26.5	25.5	26.0
MONTH	14.5	6.0	10.4	18.5	13.5	16.5	20.5	16.5	18.9	27.5	20.0	24.5

