

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1983 to current year.

pH: April 1983 to September 1993 (discontinued).

WATER TEMPERATURE: August 1975 to current year.

DISSOLVED OXYGEN: April 1983 to September 1993 (discontinued).

INSTRUMENTATION.--Data collection platform and mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sep. 17, 1985; minimum, 40 microsiemens, Sep. 7, 1987.

pH: Maximum, 8.4 units, Jul. 26, 27, 1988; minimum, 5.6 units, Sep. 7, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21, 1986; minimum, 2.5°C, Jan. 12-13, 1981, Dec. 25, 1989.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 20, 23, 1988; minimum, 0.0 mg/L, Sep. 24, 25, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 171 microsiemens, Mar. 14; minimum, 83 microsiemens, May 2.

WATER TEMPERATURE: Maximum, 31.5°C, Jul. 31, Aug. 1, 2; minimum, 8.0°C, Jan. 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	94	92	93	101	96	98	109	100	103	104	102	103
2	95	92	93	102	96	99	107	100	102	106	102	104
3	101	92	94	104	97	99	111	102	106	110	103	105
4	112	94	98	106	96	98	110	98	102	105	102	104
5	114	93	97	109	96	100	108	96	101	105	101	103
6	110	92	95	102	95	97	117	102	108	103	101	102
7	105	92	95	98	93	95	115	102	106	105	101	103
8	99	92	94	103	94	98	112	98	105	105	102	104
9	99	92	94	104	97	100	106	98	101	107	103	104
10	100	93	96	104	97	100	105	100	102	107	102	105
11	99	94	96	102	97	100	102	99	101	106	100	103
12	101	94	97	99	96	98	102	99	100	103	101	102
13	100	95	97	100	95	97	103	100	101	103	101	102
14	98	94	96	98	94	96	103	100	102	105	102	103
15	98	95	97	100	96	98	101	98	100	104	101	103
16	100	95	97	100	97	99	100	95	97	103	101	102
17	100	94	96	101	97	99	99	95	97	105	101	103
18	102	96	98	100	96	98	100	97	99	114	103	109
19	98	95	96	99	96	97	118	99	104	111	101	103
20	100	95	97	99	96	97	142	107	118	102	99	101
21	102	96	99	99	95	97	128	102	113	109	101	104
22	101	98	99	100	96	98	156	104	121	105	103	104
23	100	94	96	103	98	100	112	99	102	107	102	104
24	99	95	97	102	98	100	104	98	100	104	100	102
25	99	96	97	102	99	100	101	97	99	105	101	104
26	99	96	97	101	98	100	99	97	98	105	103	104
27	99	95	97	99	97	98	102	98	100	107	104	106
28	99	96	98	99	96	98	104	101	102	108	106	107
29	98	96	97	101	97	99	107	103	105	108	106	107
30	98	96	97	105	99	102	105	101	103	109	106	108
31	99	96	97	---	---	---	105	102	103	111	108	109
MONTH	114	92	96	109	93	98	156	95	103	114	99	104

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.5	26.0	26.0	21.0	20.0	20.5	17.5	17.0	17.5	10.5	10.0	10.5
2	26.0	26.0	26.0	21.0	20.5	20.5	17.5	17.0	17.5	10.5	10.0	10.0
3	26.0	25.5	25.5	20.5	20.0	20.5	18.0	17.0	17.5	11.5	10.5	11.0
4	26.0	25.5	26.0	20.5	19.5	20.0	18.0	17.5	17.5	11.0	10.0	10.0
5	26.0	25.5	26.0	19.5	18.0	19.0	18.0	17.5	17.5	10.0	9.0	9.0
6	26.0	25.5	25.5	18.5	17.5	18.0	18.5	18.0	18.0	9.0	8.5	8.5
7	25.5	25.0	25.5	18.5	17.0	17.5	18.5	18.0	18.0	8.5	8.0	8.5
8	25.5	25.0	25.5	17.5	16.5	17.0	18.5	18.0	18.5	9.0	8.5	9.0
9	25.5	25.0	25.5	17.5	17.0	17.0	18.5	18.0	18.0	10.0	9.0	9.5
10	25.5	24.5	25.0	18.0	17.0	17.5	18.0	17.0	17.5	10.0	9.0	9.5
11	24.5	24.0	24.5	18.5	18.0	18.0	17.5	17.0	17.0	9.0	8.5	9.0
12	24.5	24.0	24.5	18.0	17.5	17.5	17.0	16.5	16.5	9.0	8.5	9.0
13	24.5	24.5	24.5	17.5	17.0	17.0	16.5	16.5	16.5	9.5	9.0	9.0
14	24.5	24.0	24.5	17.0	17.0	17.0	16.5	15.5	16.0	10.0	9.5	9.5
15	24.5	24.0	24.0	17.5	17.0	17.0	15.5	14.0	15.0	10.5	10.0	10.0
16	24.0	23.5	24.0	17.5	17.5	17.5	14.0	13.5	14.0	10.0	9.5	10.0
17	23.5	23.0	23.5	18.5	17.5	18.0	14.0	13.0	13.5	10.5	9.5	10.0
18	23.5	23.0	23.5	18.0	17.5	18.0	13.0	12.5	12.5	11.5	10.5	11.0
19	24.0	23.0	23.5	18.0	17.0	17.5	13.0	12.5	12.5	11.5	10.0	10.5
20	24.0	23.5	24.0	18.0	17.5	17.5	13.5	12.5	13.0	11.0	10.0	10.5
21	24.0	23.0	23.5	17.5	17.0	17.5	14.0	13.0	13.5	11.5	10.5	11.0
22	23.0	21.5	22.0	17.0	16.5	17.0	15.0	14.0	14.5	12.0	11.0	11.5
23	21.5	20.5	21.0	17.0	16.5	17.0	14.5	13.0	13.5	13.0	11.5	12.0
24	20.5	19.5	20.0	17.5	17.0	17.5	13.0	12.0	12.5	12.5	12.0	12.0
25	20.0	19.5	20.0	18.0	17.0	17.5	12.0	11.5	12.0	13.0	12.5	12.5
26	20.0	19.5	20.0	17.5	17.0	17.5	11.5	10.5	11.0	13.5	12.5	13.0
27	20.0	19.5	20.0	17.0	16.5	17.0	10.5	10.0	10.5	13.5	12.5	13.0
28	20.0	19.5	20.0	17.0	16.5	16.5	11.0	10.5	10.5	14.0	13.0	13.5
29	20.0	19.5	20.0	17.0	16.5	16.5	11.0	10.5	11.0	14.0	13.0	13.5
30	20.0	20.0	20.0	17.5	16.5	17.0	11.0	10.5	10.5	14.0	13.5	13.5
31	20.5	20.0	20.5	---	---	---	10.5	10.0	10.5	13.5	11.5	12.0
MONTH	26.5	19.5	23.4	21.0	16.5	17.8	18.5	10.0	14.6	14.0	8.0	10.7
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.0	11.5	11.5	13.0	12.5	13.0	15.5	14.5	15.0	16.5	15.0	15.5
2	13.0	12.0	12.5	13.0	12.0	12.5	17.0	15.0	16.0	16.0	14.5	15.0
3	13.0	12.0	12.5	13.0	11.5	12.5	17.5	16.0	16.5	17.5	15.0	16.0
4	14.0	13.0	13.5	11.5	10.5	11.0	18.5	16.5	17.5	18.5	16.5	17.5
5	14.0	13.0	13.5	12.0	11.0	11.5	18.5	17.0	17.5	19.0	17.5	18.0
6	13.5	12.5	13.0	13.0	11.5	12.0	18.5	17.0	18.0	19.0	17.5	18.5
7	14.0	13.0	13.5	13.0	12.0	12.5	18.5	17.0	18.0	19.5	18.0	18.5
8	14.5	13.5	14.0	12.5	11.0	11.5	19.0	17.0	17.5	20.0	19.0	19.5
9	14.5	14.0	14.0	11.5	11.0	11.5	18.5	17.5	18.0	21.5	19.5	20.5
10	14.5	13.5	14.0	12.0	10.5	11.0	19.0	18.0	18.5	20.5	19.5	20.0
11	15.0	13.5	14.5	11.5	10.5	11.0	20.5	19.0	19.5	20.5	19.0	19.5
12	15.0	14.0	14.5	12.0	11.0	11.5	20.0	18.5	19.5	20.0	19.0	19.5
13	14.0	13.0	13.5	12.0	11.0	11.5	20.0	19.0	19.5	21.0	19.0	20.0
14	13.0	12.0	12.5	12.5	11.5	12.0	20.5	19.0	19.5	21.5	20.5	21.0
15	12.5	12.0	12.0	12.5	11.0	11.5	20.0	19.5	20.0	21.5	20.5	20.5
16	13.0	12.0	12.5	12.5	10.5	11.5	20.0	19.0	19.5	22.0	20.0	21.0
17	14.0	12.5	13.0	13.5	12.0	12.5	19.0	18.5	19.0	21.5	20.0	21.0
18	14.5	13.5	14.0	14.0	13.0	13.5	19.0	18.0	18.5	22.5	20.5	21.5
19	14.5	14.0	14.0	14.5	13.0	13.5	19.5	18.5	19.0	23.0	22.0	22.5
20	14.0	13.0	13.5	14.5	13.0	13.5	19.5	18.5	19.0	23.5	22.0	22.5
21	13.5	12.5	13.0	15.0	14.0	14.5	21.0	19.0	20.0	23.5	22.0	23.0
22	12.5	11.0	11.5	15.0	13.0	14.0	21.0	19.5	20.0	23.0	22.0	22.5
23	11.5	10.5	11.0	14.5	13.0	14.0	21.0	20.0	20.0	23.5	22.5	23.0
24	11.0	10.0	10.5	15.5	13.5	14.5	21.5	20.5	21.0	23.0	22.5	22.5
25	11.5	10.0	10.5	15.5	14.0	14.5	21.0	20.0	20.5	23.5	22.5	23.0
26	12.0	11.0	11.5	15.0	13.0	14.0	21.5	20.5	21.0	24.0	23.0	23.5
27	12.5	11.0	12.0	14.0	13.0	13.5	22.0	20.5	21.0	24.5	23.0	24.0
28	13.0	12.5	12.5	15.0	13.5	14.0	21.5	20.0	21.0	---	---	---
29	---	---	---	15.5	14.5	15.0	20.5	18.0	19.0	---	---	---
30	---	---	---	15.5	14.5	15.0	18.0	16.5	17.5	24.5	23.5	24.0
31	---	---	---	15.0	14.5	15.0	---	---	---	25.0	24.0	24.5
MONTH	15.0	10.0	12.8	15.5	10.5	12.9	22.0	14.5	18.9	25.0	14.5	20.6

