

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

## 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, 163 microsiemens, Aug. 30; minimum, 79 microsiemens, Sep. 24.

WATER TEMPERATURE: Maximum, 31.0°C, Jul. 21, 22; minimum, 5.5°C, Jan. 30, 31, Feb 3.

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	120	116	118	113	110	111	120	115	117	125	121	123
2	119	116	118	114	109	111	118	116	117	130	122	125
3	116	114	115	112	109	111	119	117	118	130	123	125
4	114	112	113	111	109	110	121	117	119	126	122	124
5	114	112	113	111	109	110	122	118	120	125	122	123
6	114	112	113	112	110	111	122	118	120	126	123	125
7	114	112	114	112	110	111	119	116	118	126	124	125
8	115	112	113	112	110	111	118	116	117	126	124	125
9	117	113	115	114	111	112	119	117	118	128	125	126
10	117	113	116	115	111	112	120	118	119	130	125	127
11	115	113	114	113	110	112	121	118	119	127	125	126
12	115	113	114	113	110	111	122	118	120	126	123	125
13	116	113	115	114	111	113	125	118	121	126	124	125
14	116	114	115	115	112	113	121	117	119	127	125	126
15	118	110	113	114	111	113	120	117	118	127	125	126
16	114	110	111	114	111	112	121	117	119	128	126	127
17	111	106	109	113	111	112	121	118	120	131	127	129
18	110	105	108	113	111	112	122	119	120	137	127	129
19	109	104	106	115	112	113	125	119	121	132	126	128
20	107	99	103	116	112	114	124	118	121	136	127	129
21	105	100	103	120	113	116	122	118	120	134	127	129
22	107	102	105	130	114	118	120	117	119	139	128	131
23	107	105	106	126	114	116	121	117	119	152	128	134
24	108	104	106	154	114	118	120	117	118	139	128	130
25	108	106	107	130	115	117	120	117	118	136	127	130
26	109	106	108	138	115	121	121	118	119	129	121	126
27	110	108	109	120	114	116	121	119	120	129	124	126
28	111	108	110	123	115	117	121	119	120	132	125	128
29	111	109	110	127	115	118	122	119	121	135	130	132
30	112	109	110	130	116	120	123	120	122	134	130	132
31	112	110	111	---	---	---	124	121	122	133	126	131
MONTH	120	99	111	154	109	114	125	115	119	152	121	127



## COOPER RIVER BASIN

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

TEMPERATURE, WATER (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	23.0	22.0	22.5	19.0	18.5	19.0	15.0	14.0	14.5	11.0	10.0	10.5
2	22.5	22.0	22.5	19.5	19.0	19.0	14.0	13.5	13.5	11.5	10.5	11.0
3	22.5	22.0	22.5	19.0	17.5	18.0	13.5	13.0	13.5	11.5	11.0	11.5
4	23.0	22.5	22.5	18.0	17.0	17.5	14.0	13.0	13.5	12.5	10.9	11.5
5	22.5	22.0	22.5	17.5	17.0	17.0	14.0	13.5	13.5	---	---	---
6	22.5	22.0	22.0	17.5	17.0	17.0	14.0	13.5	14.0	---	---	---
7	22.5	21.5	22.0	18.0	17.0	17.5	13.5	13.0	13.0	---	---	---
8	22.0	21.5	22.0	18.0	17.5	17.5	13.5	13.0	13.0	11.3	10.7	11.1
9	22.5	21.5	22.0	18.0	17.5	18.0	13.5	13.0	13.0	11.5	11.0	11.5
10	23.0	22.0	22.5	18.0	17.5	18.0	14.0	13.0	13.5	12.5	11.5	12.0
11	23.0	22.5	23.0	18.0	17.5	18.0	14.0	13.5	13.5	12.0	11.5	12.0
12	23.0	22.5	23.0	18.0	17.5	18.0	13.8	13.2	13.5	12.0	11.5	11.5
13	23.0	22.0	22.5	17.5	17.0	17.5	14.1	13.4	13.8	12.5	11.5	12.0
14	22.5	22.0	22.5	18.0	17.5	17.5	14.6	12.7	13.8	12.0	10.5	11.5
15	22.5	22.0	22.0	18.0	17.5	17.5	13.3	12.2	12.8	10.5	10.0	10.5
16	22.0	22.0	22.0	17.5	16.5	17.0	13.1	12.1	12.5	11.0	10.0	10.5
17	22.0	21.5	22.0	16.5	16.0	16.0	13.0	13.0	13.0	11.0	10.5	11.0
18	22.0	21.5	22.0	16.0	15.5	15.5	13.0	12.5	12.5	11.0	10.0	10.5
19	22.0	21.5	22.0	16.0	15.5	16.0	12.5	12.5	12.5	10.5	9.5	10.0
20	22.0	21.5	22.0	16.5	16.0	16.0	12.5	12.5	12.5	11.0	9.5	10.5
21	21.5	20.5	21.0	16.5	16.5	16.5	12.5	12.0	12.5	10.5	8.5	9.5
22	21.0	20.0	20.5	16.5	16.0	16.5	12.5	12.0	12.5	9.5	9.0	9.0
23	20.5	19.5	20.0	17.0	16.0	16.5	12.0	12.0	12.0	9.0	8.5	9.0
24	19.5	19.0	19.0	17.5	16.5	17.0	12.0	12.0	12.0	9.0	8.0	8.5
25	19.0	18.5	18.5	17.0	16.5	17.0	12.0	11.0	11.5	8.0	7.0	7.5
26	18.5	18.0	18.5	17.5	17.0	17.0	11.0	10.5	10.5	7.5	7.0	7.0
27	18.5	18.0	18.0	17.0	16.5	16.5	11.0	10.0	10.5	7.0	6.5	6.5
28	18.5	18.0	18.0	16.5	16.0	16.5	10.5	10.0	10.5	6.5	6.0	6.0
29	18.5	18.0	18.0	16.5	16.0	16.5	10.5	10.0	10.0	6.0	6.0	6.0
30	18.5	18.0	18.5	16.0	15.0	15.5	10.5	9.5	10.0	6.0	5.5	6.0
31	18.5	18.5	18.5	---	---	---	10.5	10.0	10.5	6.5	5.5	6.0
MONTH	23.0	18.0	21.1	19.5	15.0	17.1	15.0	9.5	12.5	12.5	5.5	9.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.5	6.0	6.5	13.5	11.5	12.0	---	---	---	21.0	20.0	20.5
2	6.5	6.0	6.5	13.0	12.0	12.5	---	---	---	21.5	20.0	20.5
3	7.0	5.5	6.5	13.0	12.0	12.5	---	---	---	22.0	20.5	21.0
4	7.5	6.5	7.0	13.0	12.0	12.5	---	---	---	21.5	20.0	21.0
5	7.5	6.5	7.0	14.0	11.5	13.0	---	---	---	21.5	20.0	21.0
6	7.5	6.0	7.0	14.5	12.0	13.0	18.1	16.8	17.4	22.0	20.5	21.0
7	7.5	6.5	7.0	15.5	13.0	14.5	18.6	17.2	17.7	22.5	21.0	22.0
8	8.0	7.0	7.5	16.0	14.5	15.0	---	---	---	23.5	22.0	22.5
9	8.0	7.0	7.5	16.5	14.5	15.5	---	---	---	23.0	22.0	22.5
10	8.5	6.5	7.5	16.5	15.0	16.0	---	---	---	23.0	22.0	22.5
11	9.0	8.0	8.0	17.5	15.5	16.5	---	---	---	23.5	22.0	23.0
12	9.0	8.0	8.5	18.0	15.2	16.6	---	---	---	25.0	23.0	24.0
13	9.0	8.5	9.0	---	---	---	---	---	---	25.5	24.0	25.0
14	10.5	9.0	10.0	---	---	---	---	---	---	25.0	23.5	24.5
15	11.0	9.5	10.0	---	---	---	---	---	---	24.5	24.0	24.0
16	10.5	9.0	10.0	---	---	---	---	---	---	24.5	23.5	24.0
17	11.0	10.0	10.5	---	---	---	---	---	---	24.5	23.5	24.0
18	10.5	9.5	10.0	---	---	---	---	---	---	24.5	23.0	24.0
19	12.0	10.0	11.0	---	---	---	---	---	---	24.5	23.5	24.0
20	11.5	10.0	10.5	---	---	---	19.4	18.0	18.7	25.5	24.0	24.5
21	11.5	10.5	11.0	---	---	---	20.5	19.0	19.5	25.5	24.5	25.0
22	11.5	10.0	10.5	---	---	---	19.5	18.0	19.0	25.5	24.5	25.0
23	11.5	10.0	11.0	---	---	---	19.5	18.5	19.0	25.0	24.0	24.5
24	12.0	10.5	11.5	---	---	---	19.5	19.0	19.5	25.5	24.5	25.0
25	12.0	11.0	11.5	---	---	---	19.5	18.5	19.0	26.5	25.0	25.5
26	12.0	11.0	11.5	---	---	---	19.5	18.0	18.5	27.0	26.0	26.5
27	12.5	11.5	12.0	---	---	---	20.0	18.5	19.0	27.0	26.0	26.5
28	12.5	11.0	12.0	---	---	---	19.5	19.0	19.5	27.5	26.5	27.0
29	12.0	10.5	11.5	---	---	---	20.0	19.0	19.5	27.5	26.5	27.0
30	---	---	---	---	---	---	21.0	19.5	20.0	26.5	25.0	25.5
31	---	---	---	---	---	---	---	---	---	25.5	24.5	25.0
MONTH	12.5	5.5	9.3	18.0	11.5	14.1	21.0	16.8	18.9	27.5	20.0	23.8

