

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

PERIOD OF RECORD.--Water years 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): April 2004 to May 2005 (discontinued).

SPECIFIC CONDUCTANCE (Middle): April 1997 to current year.

SPECIFIC CONDUCTANCE (Bottom): April 2004 to May 2005 (discontinued).

WATER TEMPERATURE (Top): April 2004 to May 2005 (discontinued).

WATER TEMPERATURE (Middle): April 1997 to current year.

WATER TEMPERATURE (Bottom): April 2004 to May 2005 (discontinued).

DISSOLVED OXYGEN (Top): April 2004 to May 2005 (discontinued).

DISSOLVED OXYGEN (Middle): April 1997 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance (Top) records rated excellent except for Dec. 19-22, Feb. 1-9, which are good. Specific conductance (Middle) records rated excellent except for Oct. 3-5, Nov. 27 to Dec. 8, Dec. 18-22, May 27 to June 6, June 22, 23, July 4-6, which are good, and June 7, 8, which are fair. Specific conductance (Bottom) records rated excellent except for Oct. 1-5, 19-27, Nov. 24 to Dec. 8, Dec. 14-22, Jan. 13-21, Mar. 20-29, which are good. Temperature (Top) records rated excellent. Temperature (Middle) records rated excellent. Temperature (Bottom) records rated excellent. Dissolved oxygen (Top) records rated excellent except for Oct. 30, Dec. 11, Mar. 11-13, Apr. 14-17, 22, 23, which are good, Oct. 31, Nov. 1, Dec. 12, 13, Mar. 14-16, Apr. 24-26, which are fair, and Nov. 2, 3, Dec. 14, 15, Mar. 17-20, Apr. 27 to May 2, which are poor. Dissolved oxygen (Middle) records rated excellent except for Oct. 31 to Nov. 2, Nov. 30 to Dec. 8, Dec. 21, 22, Jan. 13-18, Mar. 21-29, Apr. 7-13, May 11-18, July 11, 12, Aug. 19, which are good, Nov. 3-5, Jan. 19-21, May 19, 20, June 18, July 7, 13-15, which are fair, and Apr. 14, 15, July 16, 17, which are poor. Prior to October 3, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (Top): Maximum, 50,000 microsiemens, June 4, Aug. 3, 2004; minimum, 22,900 microsiemens, Mar. 29, 2005.

SPECIFIC CONDUCTANCE (Middle): Maximum, 52,700 microsiemens, Nov. 15, 2001; minimum, 12,000 microsiemens, Feb. 19, 1998.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 51,900 microsiemens, July 31, Aug. 2, 2004; minimum, 24,500 microsiemens, Aug. 31, Sep. 1, 2004.

WATER TEMPERATURE (Top): Maximum, 30.9°C, July 9, 2004; minimum, 7.4°C, Jan. 31, Feb. 2, 4, 2005.

WATER TEMPERATURE (Middle): Maximum, 31.5°C, on several days during August 1999; minimum, 5.5°C, Jan. 1-5, 2001.

WATER TEMPERATURE (Bottom): Maximum, 30.4°C, July 13, 16, 28, 2004; minimum, 7.0°C, Jan. 29, 30, 2005.

DISSOLVED OXYGEN (Top): Maximum, 11.2 mg/L, Feb. 15, 2005; minimum, 2.3 mg/L, July 20, 2004.

DISSOLVED OXYGEN (Middle): Maximum, 14.0 mg/L, Jan. 2-4, 2001; minimum, 1.8 mg/L, Jul. 27, Aug. 7, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE (Top): Maximum, 49,200 microsiemens, Feb. 9; minimum, 22,900 microsiemens, Mar. 29.

SPECIFIC CONDUCTANCE (Middle): Maximum, 50,600 microsiemens, Feb. 28; minimum, 27,300 microsiemens, Apr. 2.

SPECIFIC CONDUCTANCE (Bottom): Maximum, 51,400 microsiemens, Feb. 27; minimum, 29,200 microsiemens, Mar. 29.

WATER TEMPERATURE (Top): Maximum, 26.4°C, Oct. 5; minimum, 7.4°C, Jan. 31, Feb. 2, 4.

WATER TEMPERATURE (Middle): Maximum, 31.0°C, July 29; minimum, 7.2°C, Jan. 29, 31.

WATER TEMPERATURE (Bottom): Maximum, 26.0°C, Oct 2-4; minimum, 7.0°C, Jan. 29, 30.

DISSOLVED OXYGEN (Top): Maximum, 11.2 mg/L, Feb. 15; minimum, 5.1 mg/L, Oct. 3, 5.

DISSOLVED OXYGEN (Middle): Maximum, 10.5 mg/L, Feb. 8, 13; minimum, 3.0 mg/L, July 24, 25, 29, Aug. 1.

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	41400	29700	35100	39400	27100	33700	38000	31800	34500	40400	34000	37200
2	40700	29600	35200	38900	25900	33500	41700	30000	34500	40400	33700	36600
3	39100	28700	34400	39400	28100	33500	39800	30100	34000	40400	32600	36900
4	40700	26800	33900	37500	29400	33300	41500	29800	34100	40400	34400	37600
5	40100	28700	34000	38400	28600	33400	40400	30800	34400	40800	32900	36400
6	40500	27100	34000	39000	29900	35100	41200	33400	37000	41300	33900	37600
7	37800	29900	33700	39000	32200	36100	40800	36800	38600	44100	34800	38500
8	38500	31000	35300	39800	33400	37000	40700	35300	38400	45500	34800	39800
9	37300	31800	35400	40200	34200	37900	43700	35300	39400	46600	34900	40300
10	37300	32800	35200	42400	35300	39100	44400	36400	39900	47900	37400	40900
11	39100	33200	35500	44400	36300	39700	45300	37700	40000	47900	35800	40600
12	39900	33100	36300	45300	36900	40200	46600	36500	40100	48000	33800	40200
13	40800	32900	36300	46200	35900	40400	45500	37000	40000	46600	34200	39900
14	41600	32500	36200	47400	35400	40700	46900	35200	39900	---	---	---
15	42300	31400	35900	47400	35400	40700	46300	33800	39100	---	---	---
16	42100	29000	34900	45600	35500	39900	44300	33600	39500	41700	32400	37800
17	42500	27500	34600	44500	33800	39000	43900	35100	39700	42300	32900	37800
18	42800	28800	34900	44000	33000	38400	44100	35000	39600	---	---	---
19	40400	28700	34100	42600	33200	38100	43300	35800	39100	40500	33100	37400
20	40900	27900	34300	41100	33200	37900	40600	33000	37700	---	---	---
21	42700	29000	35900	41500	33400	37600	42800	35200	39300	---	---	---
22	43000	31900	37700	42800	34300	38100	43400	36000	39700	41100	35200	38200
23	43900	34200	38400	43200	35100	38600	42800	36000	39100	38400	33600	35900
24	43500	35000	38700	43500	35300	38800	43300	34800	39100	40700	31300	37100
25	43400	34500	38900	40600	34500	37500	45200	34600	40000	40900	33500	37300
26	43300	34000	38400	43800	31600	37600	45400	35900	40400	41900	34900	38200
27	42700	33400	37900	44000	31700	38000	44200	37600	40200	41800	33600	37900
28	43400	33300	37900	41900	33800	36800	43400	37000	39000	42800	34700	38600
29	42900	32800	37400	41300	30900	36700	43000	35200	38200	43000	34500	38900
30	42500	31800	36600	42100	30600	36400	40800	34600	37700	41900	35500	39000
31	39200	29900	34900	---	---	---	40500	34900	37600	41600	33600	38500
MONTH	43900	26800	35900	47400	25900	37500	46900	29800	38400	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	42500	32400	37800	42100	31800	36800	37200	25500	31000	38700	26900	32800
2	42800	33000	38100	38800	26400	32900	39300	25400	29400	---	---	---
3	41300	33700	38500	39100	27700	33400	32300	23900	28300	---	---	---
4	43700	33800	39100	40600	31300	35200	35900	26800	31500	---	---	---
5	44900	36600	40500	39900	33200	36200	39000	29900	33500	---	---	---
6	46600	35400	41400	44300	36100	39200	40600	30300	34800	---	---	---
7	47700	36900	41800	43600	36200	39500	42500	30600	35200	---	---	---
8	48800	36700	42000	45400	36800	39900	42700	30300	35100	---	---	---
9	49200	37200	41900	48100	35400	41000	44000	29300	35400	---	---	---
10	46400	35400	40700	46200	36200	41100	43000	30000	35600	---	---	---
11	46100	33400	39900	44800	36000	39700	42000	29900	35300	---	---	---
12	46000	34100	39900	43800	33600	38300	41000	29600	34800	---	---	---
13	45100	34200	39100	44900	32500	37600	40000	28700	33700	---	---	---
14	44100	32600	38200	45800	32400	37900	39400	27700	32300	---	---	---
15	40800	27900	35300	45800	30500	37600	37700	29700	33900	---	---	---
16	41300	27500	32100	41500	31100	36800	37800	30300	33700	---	---	---
17	39600	29300	32800	40900	31700	35000	37400	30500	34500	---	---	---
18	41700	30800	33800	41500	29700	35100	---	---	---	---	---	---
19	41800	30100	35700	41300	31700	35000	---	---	---	---	---	---
20	42000	30900	37600	42500	33000	37400	---	---	---	---	---	---
21	42200	34300	39700	40800	33300	37700	---	---	---	---	---	---
22	43400	37200	40600	41200	33900	38700	40400	31400	34900	---	---	---
23	45400	37700	41500	40600	35800	37900	37600	30900	34600	---	---	---
24	46400	38900	42000	39600	34600	37100	40700	30300	34500	---	---	---
25	45800	36200	41300	42200	33400	37800	40600	30900	35100	---	---	---
26	46000	37300	41500	43800	34200	38400	41600	30800	35300	---	---	---
27	49000	37200	42300	43200	34300	38200	40800	30300	34700	---	---	---
28	47400	37100	41600	39200	29600	34200	40200	30600	34700	---	---	---
29	---	---	---	39400	22900	30300	39900	30500	34400	---	---	---
30	---	---	---	39000	24900	31000	38300	29600	33800	---	---	---
31	---	---	---	39000	25900	31000	---	---	---	---	---	---
MONTH	49200	27500	39200	48100	22900	36700	---	---	---	---	---	---

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	44400	31500	36800	42900	32800	37700	43200	33900	38100	43500	36200	39500
2	43100	32000	37000	43000	34900	39200	43100	35900	39600	43400	37300	39800
3	42300	32400	36600	44100	36500	40200	42800	37600	39900	42700	37000	40000
4	43300	33200	37900	---	---	---	42000	36400	39900	43200	36800	40300
5	42900	34700	39100	45800	38100	41900	42500	36300	39600	43200	35500	39700
6	43300	35400	39700	44200	37200	41100	41500	35900	38900	44200	36100	39500
7	41800	35100	38900	---	---	---	41800	35000	38200	46200	36100	40000
8	41100	36300	38100	42400	36500	39400	42200	35000	38500	47800	36800	40800
9	39800	34700	37000	44600	36800	40200	45400	37200	40200	48500	36600	41700
10	41100	34400	36800	45600	37100	40600	46100	36700	40500	49900	36900	42100
11	42600	34700	37600	47100	37300	41500	46800	36200	39800	49900	36500	41800
12	42900	35200	38400	47900	37700	41700	47600	35000	40400	49500	36300	41500
13	44700	34900	38400	47900	37300	41900	47100	35800	39900	49400	36500	41300
14	44600	33800	38200	48600	37300	42200	49000	35500	40800	---	---	---
15	46600	33200	37700	48600	37400	42000	49100	36000	40900	---	---	---
16	46000	32700	37100	47100	37100	41100	47100	37400	41200	46100	37100	40800
17	45000	32000	37000	46100	36800	40400	46900	38100	41500	45600	38100	40700
18	45000	33000	37500	45200	36000	39900	45900	38400	41400	---	---	---
19	43600	32800	36700	44200	35900	39600	45800	37700	41200	---	---	---
20	44700	32900	37700	43100	36000	39200	44400	36800	40000	---	---	---
21	46200	35400	39400	43000	35000	38700	46400	38400	41800	---	---	---
22	47100	37800	41200	43600	36100	39300	46100	37700	41200	44900	36300	40300
23	49000	38800	42800	44400	35600	39300	45100	36900	40500	40600	35300	37700
24	49000	38800	42900	44600	35600	39200	45700	36900	40600	44400	35800	39300
25	49000	38700	43100	43000	34300	37200	46800	38100	41700	43400	34900	38800
26	49000	38000	43100	44300	34000	38400	47600	38200	41800	44600	36900	39400
27	48800	35700	41100	43900	35100	38600	45400	38100	40700	44200	36100	39500
28	45700	35100	39700	42000	34400	37300	45200	37600	40500	44800	37300	40200
29	45800	34600	39500	42800	34300	37800	45000	36700	40000	45700	37600	40500
30	45000	34800	38700	43400	35400	38300	43300	36500	39400	45100	37400	40200
31	42300	34100	37700	---	---	---	43400	36400	39300	43700	37200	39900
MONTH	49000	31500	38800	---	---	---	49100	33900	40300	---	---	---
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	43800	36800	39900	44900	35300	39100	41500	30800	34700	43600	34400	38300
2	44000	37200	40100	43400	35700	39700	41800	27300	33300	45100	35700	39600
3	---	---	---	43900	37200	40600	38300	28300	33400	44900	36500	39700
4	45500	36700	40100	45600	38200	41300	40000	30400	34400	45600	36500	40100
5	46100	36900	40800	45300	36500	40800	41800	30900	35600	47600	36500	41000
6	47100	37300	41100	45800	37400	41000	43000	32000	36500	---	---	---
7	47300	36900	41200	45900	37200	40800	44500	31800	36800	---	---	---
8	48500	36600	41300	47100	37300	40800	44900	31600	36800	---	---	---
9	48400	36000	41700	49300	36900	42200	46200	32400	37400	---	---	---
10	47200	36000	41100	48200	37300	42100	45300	33600	38000	---	---	---
11	47800	35900	40800	46300	36800	40800	43600	33000	37500	44200	35200	38400
12	47000	36900	40900	46400	35100	39400	42900	32600	36700	43300	35600	38800
13	46700	37100	40600	46600	34200	39100	42900	32900	36700	43600	35200	39100
14	45500	36100	40000	46600	36400	40100	42100	34500	37700	44300	37400	40400
15	43500	36100	40100	46500	37500	41100	43300	34300	38700	43700	35900	39800
16	45500	37700	41900	46400	38000	41400	42700	36700	39400	42400	35500	39400
17	46100	39200	43900	46300	38800	42100	41700	36400	38700	44100	38100	40800
18	47100	40200	44500	46600	40000	43200	---	---	---	44600	37800	41500
19	46900	41500	43900	46700	40000	43600	---	---	---	44600	37700	40600
20	45800	40300	43200	44900	39500	42100	---	---	---	43400	37200	39800
21	45600	39400	42200	43500	38100	40800	---	---	---	46900	37200	40500
22	45400	37300	41300	44600	37700	40700	44000	34400	37800	47200	37200	41300
23	47200	38800	42500	43400	36400	39100	42500	34200	37600	47000	36000	40100
24	47500	40000	42700	42900	35300	38400	44500	32600	37300	49700	36100	41000
25	47300	38800	42300	44900	35400	39400	44200	33400	37800	49800	37400	42000
26	47500	39600	42700	45500	36000	40100	45500	34600	38300	48800	37800	41900
27	50500	39400	43300	44600	36600	39800	44600	33600	38000	48600	36900	41300
28	50600	38500	42700	42000	31000	35700	---	---	---	---	---	---
29	---	---	---	41600	29600	33900	45300	34800	38900	46900	36500	40800
30	---	---	---	41600	29600	34400	45100	34300	37900	47400	36400	40900
31	---	---	---	41600	30000	34200	---	---	---	46600	36700	41300
MONTH	---	---	---	49300	29600	39900	---	---	---	---	---	---

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius								
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
			OCTOBER	NOVEMBER			DECEMBER			JANUARY		
1	25.6	25.0	25.3	22.1	21.4	21.7	16.5	15.9	16.3	---	---	---
2	26.1	25.4	25.6	22.3	21.7	22.0	16.2	15.4	15.9	---	---	---
3	25.9	25.6	25.8	22.5	22.0	22.2	16.1	15.2	15.7	11.2	10.0	10.6
4	26.1	25.7	25.8	---	---	---	15.9	15.0	15.5	---	---	---
5	26.4	25.5	26.0	22.3	21.6	22.0	15.8	14.9	15.4	---	---	---
6	26.2	25.6	25.9	22.0	21.2	21.7	16.0	15.3	15.6	11.8	11.0	11.3
7	25.7	25.2	25.5	---	---	---	16.4	15.7	16.0	12.5	11.4	11.7
8	25.5	24.5	24.9	21.5	20.9	21.3	16.5	16.1	16.3	12.8	11.7	12.2
9	25.1	24.4	24.7	---	---	---	16.9	16.3	16.6	12.9	12.3	12.6
10	24.6	24.1	24.4	20.3	19.2	19.7	---	---	---	13.3	12.7	13.0
11	24.5	24.1	24.3	19.6	18.6	19.2	---	---	---	13.5	13.0	13.3
12	24.7	24.0	24.3	19.4	18.5	19.1	---	---	---	13.8	13.3	13.5
13	24.6	24.2	24.4	19.3	18.3	18.9	---	---	---	14.3	13.6	13.8
14	24.3	23.8	24.0	18.5	17.1	17.8	---	---	---	---	---	---
15	24.0	23.2	23.6	17.5	16.0	16.9	14.3	12.7	13.6	---	---	---
16	23.3	22.3	22.8	16.9	15.9	16.5	13.3	12.4	12.9	13.2	12.4	12.8
17	22.9	22.0	22.6	16.7	15.9	16.4	12.9	12.3	12.7	12.4	11.7	12.1
18	23.0	22.3	22.6	16.8	16.1	16.4	13.0	12.4	12.6	---	---	---
19	23.3	22.6	22.9	17.2	16.3	16.6	12.5	12.1	12.4	---	---	---
20	23.5	22.9	23.2	17.3	16.6	16.8	12.2	11.0	11.5	---	---	---
21	23.3	23.0	23.2	17.4	16.8	17.1	11.5	10.3	11.0	---	---	---
22	23.1	22.5	22.9	17.6	17.1	17.3	11.4	10.6	11.0	10.5	9.8	10.1
23	22.9	22.3	22.5	17.9	17.3	17.5	11.9	11.2	11.5	10.3	9.3	9.8
24	22.4	21.8	22.1	18.1	17.5	17.8	11.8	11.2	11.5	9.4	8.3	9.0
25	22.0	21.7	21.9	---	---	---	11.3	10.4	10.9	9.1	8.3	8.8
26	21.7	21.4	21.6	17.6	16.8	17.3	---	---	---	9.2	8.5	8.9
27	21.5	21.0	21.2	17.1	16.3	16.7	---	---	---	9.3	8.9	9.1
28	21.1	20.8	21.0	16.8	16.2	16.6	---	---	---	9.0	8.1	8.7
29	21.0	20.7	20.9	16.5	15.9	16.3	---	---	---	8.4	7.6	8.1
30	21.4	20.7	21.1	16.5	15.9	16.2	---	---	---	8.1	7.5	7.9
31	21.7	21.1	21.4	---	---	---	---	---	---	8.1	7.4	7.8
MONTH	26.4	20.7	23.5	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius								
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
			FEBRUARY	MARCH			APRIL			MAY		
1	8.0	7.5	7.7	12.1	11.1	11.9	17.0	16.2	16.5	19.9	19.0	19.3
2	7.8	7.4	7.6	12.0	11.0	11.4	17.2	16.1	16.6	---	---	---
3	---	---	---	11.7	10.8	11.2	16.7	15.6	16.2	---	---	---
4	8.1	7.4	7.7	12.0	10.6	11.3	17.2	15.5	16.4	---	---	---
5	8.1	7.5	7.8	11.9	10.9	11.4	17.5	16.0	16.6	---	---	---
6	8.3	7.5	8.0	12.0	10.9	11.5	17.8	16.5	17.0	---	---	---
7	8.6	7.9	8.2	12.3	11.3	11.8	17.7	17.1	17.4	---	---	---
8	8.8	8.3	8.5	12.3	11.9	12.1	18.3	17.4	17.8	---	---	---
9	9.0	8.7	8.8	12.1	11.7	11.9	18.3	17.6	18.0	---	---	---
10	---	---	---	12.2	11.5	11.8	18.5	17.5	18.0	---	---	---
11	9.4	8.9	9.1	12.2	11.6	11.9	18.8	17.8	18.2	---	---	---
12	9.5	8.8	9.1	12.3	11.5	11.9	18.8	18.2	18.5	---	---	---
13	9.6	9.1	9.3	12.8	11.9	12.3	19.2	18.5	18.7	---	---	---
14	10.0	9.3	9.7	13.2	12.5	12.7	18.5	17.7	18.3	---	---	---
15	10.8	9.7	10.1	13.3	12.6	12.9	18.4	17.4	17.9	---	---	---
16	11.5	10.1	10.7	12.9	12.6	12.8	17.9	17.0	17.4	---	---	---
17	11.4	10.7	11.1	12.6	12.0	12.3	18.2	16.4	17.2	---	---	---
18	11.0	10.3	10.7	12.3	11.5	12.0	---	---	---	---	---	---
19	11.5	10.3	10.8	12.9	11.6	12.2	---	---	---	---	---	---
20	11.6	10.6	10.9	14.0	11.9	12.6	---	---	---	---	---	---
21	11.8	10.9	11.3	13.9	12.4	12.9	---	---	---	---	---	---
22	12.2	11.3	11.7	13.4	12.7	13.0	19.3	18.2	18.6	---	---	---
23	12.7	11.8	12.1	14.4	13.1	13.6	19.4	18.6	18.9	---	---	---
24	12.7	12.3	12.5	14.7	13.6	14.1	18.8	17.8	18.4	---	---	---
25	12.6	12.1	12.4	14.4	14.0	14.3	18.5	17.6	18.0	---	---	---
26	12.6	11.9	12.2	14.9	14.2	14.5	18.2	17.6	18.0	---	---	---
27	12.3	11.7	12.1	15.2	14.6	14.9	18.7	17.8	18.2	---	---	---
28	12.2	11.7	11.9	15.7	15.0	15.4	---	---	---	---	---	---
29	---	---	---	16.1	15.0	15.5	19.1	18.2	18.6	---	---	---
30	---	---	---	16.5	15.5	16.0	19.4	18.5	18.9	---	---	---
31	---	---	---	16.9	15.7	16.3	---	---	---	---	---	---
MONTH	---	---	---	16.9	10.6	12.9	---	---	---	---	---	---

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.8	25.1	25.4	22.0	21.4	21.6	16.5	16.0	16.3	9.7	9.4	9.5			
2	26.1	25.5	25.7	22.3	21.7	21.9	16.2	15.7	16.1	10.0	9.6	9.8			
3	26.1	25.7	25.9	22.4	22.0	22.2	16.1	15.5	15.9	10.5	9.9	10.1			
4	26.1	25.8	25.9	---	---	---	15.9	15.5	15.7	10.7	10.3	10.5			
5	26.0	25.7	25.9	22.6	22.1	22.4	15.8	15.3	15.6	11.1	10.6	10.8			
6	25.9	25.5	25.8	22.3	21.4	22.0	15.8	15.5	15.7	11.6	10.9	11.3			
7	25.7	25.0	25.4	---	---	---	16.3	15.7	15.9	12.0	11.5	11.7			
8	25.4	24.0	24.7	21.7	21.2	21.4	16.5	16.0	16.3	12.7	11.8	12.2			
9	24.9	24.1	24.5	21.4	20.3	20.8	16.9	16.3	16.6	13.0	12.3	12.7			
10	24.5	24.0	24.3	20.6	19.0	19.7	17.3	16.7	17.0	13.4	12.7	13.0			
11	24.5	23.9	24.2	19.6	18.3	19.1	17.1	16.4	16.8	13.5	13.0	13.3			
12	24.5	23.8	24.2	19.4	18.2	19.0	16.6	15.4	15.9	13.7	13.3	13.5			
13	24.6	24.1	24.3	19.4	18.3	18.9	15.9	14.8	15.4	14.2	13.6	13.8			
14	24.3	23.6	23.9	18.7	17.0	17.9	15.3	14.1	14.7	---	---	---			
15	23.9	23.0	23.5	17.6	15.6	16.9	14.4	12.8	13.7	---	---	---			
16	23.2	21.9	22.7	17.0	15.5	16.5	13.3	12.1	12.9	13.3	12.4	12.9			
17	22.7	21.7	22.3	16.7	15.8	16.3	12.9	12.1	12.6	12.5	11.7	12.1			
18	22.6	22.1	22.4	16.7	16.0	16.3	12.8	12.3	12.6	---	---	---			
19	22.9	22.4	22.6	16.8	16.2	16.5	12.6	12.1	12.4	---	---	---			
20	23.2	22.7	23.0	17.1	16.6	16.8	12.4	11.1	11.6	---	---	---			
21	23.2	22.9	23.1	17.3	16.9	17.1	11.5	10.6	10.9	---	---	---			
22	23.0	22.8	22.8	17.6	17.2	17.3	11.6	10.8	11.0	10.3	9.8	10.0			
23	22.8	22.1	22.4	17.9	17.4	17.6	11.9	11.1	11.4	10.3	9.4	9.8			
24	22.3	21.6	21.9	18.2	17.6	17.9	11.7	11.3	11.6	9.6	8.3	9.0			
25	21.8	21.4	21.7	18.2	17.7	18.0	11.4	10.7	11.0	9.0	8.3	8.7			
26	21.6	21.1	21.4	17.9	17.2	17.5	10.8	9.6	10.1	9.2	8.5	8.8			
27	21.3	20.8	21.1	17.3	16.3	16.8	9.9	8.7	9.4	9.3	8.9	9.1			
28	21.1	20.8	21.0	16.8	16.4	16.7	9.4	8.4	9.0	9.1	8.2	8.7			
29	21.0	20.6	20.9	16.6	16.0	16.4	9.3	8.3	9.0	8.4	7.2	8.0			
30	21.3	20.7	21.0	16.4	15.8	16.3	9.4	8.8	9.1	8.0	7.2	7.7			
31	21.6	21.1	21.3	---	---	---	9.5	9.1	9.3	8.0	7.2	7.6			
MONTH	26.1	20.6	23.4	---	---	---	17.3	8.3	13.3	---	---	---			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN			
				MAX	MIN	MEAN									
				FEBRUARY			MARCH			APRIL			MAY		
1	7.8	7.3	7.6	12.1	11.7	11.9	16.7	16.3	16.4	19.4	18.9	19.1			
2	7.7	7.3	7.5	11.8	11.1	11.5	16.8	16.4	16.7	20.1	19.2	19.6			
3	---	---	---	11.5	10.8	11.2	16.5	15.9	16.2	20.4	19.6	19.9			
4	7.9	7.4	7.6	11.4	10.8	11.0	17.1	15.8	16.2	20.6	19.9	20.2			
5	8.1	7.6	7.8	11.7	11.0	11.2	17.5	16.0	16.5	20.3	19.8	20.1			
6	8.4	7.8	8.0	11.9	11.2	11.4	17.9	16.4	17.0	---	---	---			
7	8.5	8.0	8.2	12.3	11.5	11.7	17.6	17.2	17.4	---	---	---			
8	8.9	8.3	8.5	12.3	11.9	12.1	18.4	17.3	17.7	---	---	---			
9	9.1	8.7	8.9	12.1	11.8	11.9	18.3	17.5	18.0	---	---	---			
10	9.6	9.0	9.2	12.1	11.4	11.8	18.4	17.3	17.9	---	---	---			
11	9.4	8.8	9.1	12.3	11.6	11.9	18.7	17.7	18.2	21.9	20.9	21.2			
12	9.5	8.8	9.2	12.4	11.4	11.9	18.8	18.2	18.4	22.8	21.4	21.7			
13	9.6	9.2	9.3	12.8	11.9	12.2	18.9	18.5	18.7	22.8	21.9	22.2			
14	9.9	9.4	9.6	12.9	12.5	12.6	18.7	18.0	18.4	23.1	22.3	22.5			
15	10.3	9.7	9.9	13.0	12.6	12.8	18.1	17.5	17.8	23.3	22.6	22.9			
16	10.8	10.0	10.2	12.9	12.6	12.8	17.5	16.9	17.2	23.4	23.0	23.2			
17	10.8	10.3	10.4	12.7	12.0	12.5	17.2	16.6	16.9	23.2	22.9	23.1			
18	10.6	10.4	10.5	12.2	11.7	12.0	---	---	---	23.4	22.7	23.0			
19	10.7	10.4	10.5	12.0	11.5	11.8	---	---	---	24.4	23.0	23.3			
20	11.0	10.6	10.8	12.6	11.7	12.0	---	---	---	24.0	23.4	23.6			
21	11.5	10.8	11.1	13.1	12.2	12.5	---	---	---	23.7	23.0	23.4			
22	12.3	11.3	11.7	13.2	12.6	12.8	19.3	18.1	18.4	23.5	22.6	23.1			
23	12.5	11.8	12.1	14.1	13.0	13.5	19.2	18.4	18.8	23.7	22.9	23.2			
24	12.7	12.3	12.5	14.7	13.6	14.0	18.8	17.8	18.3	23.9	23.1	23.5			
25	12.7	12.3	12.5	14.4	13.9	14.2	18.4	17.5	17.9	23.6	22.9	23.2			
26	12.5	11.9	12.2	14.8	14.1	14.4	18.0	17.4	17.8	23.6	22.8	23.1			
27	12.3	11.7	12.1	15.2	14.6	14.8	18.5	17.4	18.0	23.7	23.0	23.2			
28	12.2	11.7	11.9	15.7	14.9	15.3	---	---	---	---	---	---			
29	---	---	---	16.0	14.9	15.4	18.8	18.0	18.3	24.2	23.7	23.9			
30	---	---	---	16.5	15.3	15.7	19.4	18.4	18.8	24.2	23.9	24.0			
31	---	---	---	16.6	15.7	16.1	---	---	---	24.0	23.9	24.0			
MONTH	---	---	---	16.6	10.8	12.8	---	---	---	---	---	---			

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.0	4.0	4.6	6.1	5.1	5.7	7.9	6.9	7.5	9.3	8.0	8.8
2	5.0	3.8	4.5	6.1	5.2	5.7	8.0	6.8	7.5	9.2	8.4	8.9
3	5.0	3.8	4.5	6.2	4.9	5.7	8.1	6.8	7.5	9.3	8.4	8.8
4	5.0	3.7	4.5	---	---	---	8.1	6.8	7.5	9.3	8.2	8.9
5	5.5	4.0	4.7	6.2	4.9	5.6	8.1	6.8	7.5	9.3	8.2	8.8
6	5.8	4.0	4.9	6.0	5.0	5.6	8.0	7.0	7.5	9.1	8.0	8.7
7	5.9	4.1	5.2	---	---	---	8.0	7.0	7.5	9.2	8.0	8.7
8	6.2	4.7	5.4	---	---	---	7.9	6.6	7.4	9.0	7.7	8.5
9	6.1	5.0	5.5	---	---	---	7.7	6.5	7.2	8.9	7.5	8.4
10	6.1	4.8	5.5	---	---	---	7.6	6.6	7.2	8.7	7.5	8.2
11	6.0	4.9	5.5	---	---	---	7.5	6.7	7.2	8.6	7.2	8.2
12	6.0	4.9	5.5	---	---	---	7.7	6.6	7.3	8.4	7.4	8.0
13	5.9	4.9	5.4	7.1	6.2	6.7	7.8	6.8	7.4	8.3	7.4	7.9
14	6.0	5.0	5.5	7.5	6.3	7.0	7.9	6.9	7.5	---	---	---
15	6.0	5.2	5.6	7.8	6.6	7.2	8.3	7.2	7.8	---	---	---
16	6.1	5.3	5.8	7.8	6.8	7.4	8.4	7.6	8.1	8.5	7.4	7.9
17	6.3	5.4	5.9	7.8	6.8	7.5	8.4	7.4	8.1	8.5	7.6	8.0
18	6.3	5.3	5.9	7.9	7.1	7.5	8.6	7.7	8.2	---	---	---
19	6.3	5.3	5.8	7.8	7.0	7.5	8.6	7.7	8.2	---	---	---
20	6.2	5.3	5.8	7.9	6.9	7.5	9.0	8.0	8.5	---	---	---
21	6.2	5.2	5.7	8.2	6.8	7.6	9.1	8.0	8.7	---	---	---
22	6.4	5.1	5.8	8.1	6.7	7.5	9.1	8.2	8.7	9.0	8.4	8.8
23	6.4	5.3	5.9	7.9	6.8	7.4	8.9	8.1	8.6	9.2	8.1	8.8
24	6.2	5.1	5.8	7.7	6.6	7.3	8.8	7.8	8.4	9.4	8.5	9.0
25	6.0	5.1	5.7	7.7	6.6	7.3	8.6	7.8	8.3	9.7	8.7	9.1
26	6.1	5.1	5.6	7.8	6.5	7.3	8.8	7.6	8.4	9.4	8.3	9.1
27	5.9	5.0	5.6	8.0	6.8	7.4	9.0	7.9	8.6	9.6	8.6	9.0
28	5.9	5.0	5.5	7.9	6.9	7.4	9.0	8.0	8.7	9.5	8.2	9.1
29	6.0	5.0	5.5	8.0	6.8	7.5	9.2	8.2	8.8	9.7	8.2	9.2
30	6.0	5.0	5.5	7.9	6.9	7.5	9.2	8.3	8.8	9.8	9.0	9.5
31	5.9	5.0	5.6	---	---	---	9.1	8.1	8.7	9.9	9.1	9.5
MONTH	6.4	3.7	5.4	---	---	---	9.2	6.5	8.0	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.0	9.2	9.6	8.8	7.5	8.3	7.9	6.9	7.4	7.7	6.5	7.2
2	10.0	9.0	9.5	9.0	7.2	8.2	7.9	6.8	7.4	7.6	5.8	6.7
3	---	---	---	9.3	7.5	8.5	8.0	6.8	7.5	6.9	5.4	6.1
4	10.0	9.2	9.6	9.6	7.4	8.5	8.3	7.0	7.7	6.8	5.4	6.1
5	10.1	9.0	9.6	9.7	7.9	8.7	8.4	7.2	7.8	---	---	---
6	10.2	8.9	9.6	9.8	8.4	9.0	8.5	7.3	7.8	---	---	---
7	10.4	9.2	9.8	9.7	8.4	9.1	8.0	7.2	7.6	---	---	---
8	10.5	9.1	9.9	9.2	8.3	8.8	7.9	6.8	7.5	---	---	---
9	10.2	9.2	9.8	9.1	7.8	8.6	7.7	6.8	7.3	---	---	---
10	10.3	9.0	9.8	9.2	8.0	8.6	7.7	6.7	7.3	---	---	---
11	10.3	8.8	9.7	9.2	8.2	8.7	7.7	6.4	7.0	7.0	5.6	6.3
12	10.4	8.5	9.6	9.3	8.4	8.8	7.4	6.5	7.0	7.3	5.3	6.2
13	10.5	9.0	9.9	9.6	8.3	8.8	7.3	6.4	6.9	7.2	5.4	6.1
14	10.4	9.0	9.8	9.2	8.1	8.7	7.4	6.1	6.9	6.6	4.6	5.8
15	10.2	8.6	9.5	9.3	8.0	8.6	7.4	6.4	7.0	6.3	4.5	5.5
16	10.0	8.5	9.3	9.1	7.7	8.5	7.5	6.6	7.0	6.4	4.5	5.4
17	9.9	8.4	9.1	9.0	7.5	8.3	7.5	6.4	7.1	6.3	4.5	5.5
18	9.8	7.8	8.9	9.0	7.1	8.3	---	---	---	6.5	4.8	5.6
19	9.7	8.2	8.9	9.4	7.6	8.5	---	---	---	7.4	4.8	5.8
20	9.6	7.7	8.8	9.5	7.8	8.6	---	---	---	6.4	4.8	5.7
21	9.7	7.9	8.8	9.8	7.9	8.7	---	---	---	---	---	---
22	9.6	7.7	8.7	9.4	8.0	8.8	8.2	6.9	7.5	---	---	---
23	9.6	7.6	8.6	9.4	8.4	8.9	8.0	6.8	7.4	---	---	---
24	9.2	7.3	8.5	9.6	8.2	8.8	8.1	6.9	7.5	---	---	---
25	9.1	7.5	8.3	9.3	8.3	8.8	8.3	7.0	7.5	---	---	---
26	9.1	7.5	8.4	9.2	8.1	8.6	8.0	6.9	7.5	---	---	---
27	9.0	7.4	8.4	8.7	7.7	8.4	8.0	6.7	7.5	---	---	---
28	8.9	7.7	8.4	8.5	7.7	8.2	---	---	---	---	---	---
29	---	---	---	8.3	7.4	7.9	8.1	6.8	7.5	---	---	---
30	---	---	---	8.1	7.0	7.6	8.0	7.1	7.6	---	---	---
31	---	---	---	8.0	6.8	7.5	---	---	---	---	---	---
MONTH	---	---	---	9.8	6.8	8.5	---	---	---	---	---	---

