

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1998 to current year.

WATER TEMPERATURE: November 1998 to current year.

DISSOLVED OXYGEN: November 1998 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Dec. 21, Apr. 1-28, Aug. 8-10, Aug. 28 to Sep. 1, Sep. 22-27, which are fair, and Oct. 14-27, which are poor. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 12-14, Dec. 9, 20, 21, Jan. 4-6, 22-25, Feb. 5-13, May 3-5, 28, 29, June 9, July 4, 16, 28, Aug. 9, 10, 13-15, Sep. 8, 9, 29, which are good, Feb. 14-16, May 6-8, May 30 to June 1, July 5, 6, 17, 18, 29, 30, Aug. 16, Sep. 10, which are fair, and May 9-12, June 2, 3, 10, July 19, 20, 31, Sep. 11, 30, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 55,300 microsiemens, June 4-7, 2002; minimum, 23,800 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 35.5°C, Aug. 1, 1999; minimum, 4.0°C, Dec. 31, 2000, Jan. 1-4, 2001.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 3, 2001; minimum recorded, 2.5 mg/L, July 29, Aug. 1, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 49,000 microsiemens, Oct. 1; minimum, 28,300 microsiemens Apr. 8.

WATER TEMPERATURE: Maximum, 34.4°C, Aug. 20; minimum, 6.5°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Feb. 8; minimum recorded, 3.1 mg/L, Aug. 20.

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	49000	45300	47300	47300	46100	46600	47200	46200	46600	47600	46600	46900
2	48900	45500	47200	47200	45600	46500	47300	46400	46700	47400	46400	46900
3	48700	45800	47200	---	---	---	47300	46400	46800	47300	46400	46800
4	---	---	---	---	---	---	47400	46600	47000	47200	46300	46700
5	48600	45900	47000	---	---	---	47500	46900	47200	47400	46400	46800
6	47800	45000	46400	---	---	---	47600	46800	47200	48000	46500	47300
7	47700	44900	45600	---	---	---	47600	46800	47200	48200	46600	47600
8	47700	45000	45800	---	---	---	47600	46800	47200	48200	46300	47400
9	47400	45000	45800	---	---	---	48500	46800	47700	48200	46000	47400
10	47300	45200	46000	---	---	---	48400	46800	47900	48200	46000	47300
11	---	---	---	---	---	---	48400	46600	47900	48200	45900	47300
12	---	---	---	---	---	---	48600	47000	48300	48200	45800	47300
13	48300	45400	46900	---	---	---	48700	47100	48300	48200	45900	47300
14	48100	45500	46900	---	---	---	48700	46900	48400	48000	44700	46700
15	48000	45000	46700	---	---	---	48900	47500	48400	47700	45300	46500
16	---	---	---	---	---	---	48800	47700	48400	47800	45700	46500
17	48200	45200	46800	---	---	---	48700	47700	48300	---	---	---
18	48200	45800	47000	---	---	---	48500	47700	48100	48000	43100	46200
19	48100	45700	47000	---	---	---	48400	47600	48000	48000	45200	47000
20	48000	44900	46800	---	---	---	48600	48000	48400	---	---	---
21	48000	44600	46800	---	---	---	48700	48100	48500	---	---	---
22	48200	45100	47000	---	---	---	48800	48100	48500	48200	46200	47000
23	48200	45900	47100	46300	45200	45700	48600	47900	48200	---	---	---
24	48100	46000	47100	47200	45400	46300	48500	47100	48100	48600	47100	47800
25	48100	45800	47100	47100	46200	46700	48600	47800	48200	48600	47000	47700
26	48000	46000	46900	47400	46400	46900	48400	46100	47300	48200	46500	47300
27	47800	45800	46900	47500	46200	46800	48000	46500	47000	48200	45600	47100
28	47700	45700	46700	47200	45800	46400	47900	46600	47000	47900	46100	46800
29	---	---	---	47300	46200	46600	47800	46600	47000	48000	46000	46700
30	---	---	---	47300	46100	46600	47700	46700	47000	47700	45900	46600
31	47400	45800	46600	---	---	---	47600	46500	47000	47500	46000	46700
MONTH	---	---	---	---	---	---	48900	46100	47700	---	---	---

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, 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
	FEBRUARY			MARCH			APRIL			MAY		
1	47500	45800	46600	46600	44200	45300	41000	33200	36200	---	---	---
2	47700	45800	46600	47000	45400	46200	40800	32000	36400	44600	37900	41900
3	47700	45300	46300	47400	44400	46300	40800	34200	38500	44500	37300	41700
4	47200	45000	45900	47600	44800	46300	41700	34000	38700	44400	37000	41300
5	47400	45200	46100	47700	45400	46700	42500	31200	37700	43600	35500	39800
6	47500	45400	46200	48000	44600	46800	41800	29800	36700	42800	36000	38800
7	47400	45100	46300	48200	44300	46900	41900	29500	36400	43000	36700	39500
8	47500	44500	46200	48400	42500	47100	41500	28300	36000	43300	36900	40100
9	47500	44300	46200	48500	42700	47000	41800	30600	35900	43300	37100	40600
10	47200	44100	45900	48500	42600	46600	41100	29000	35000	43600	38200	41100
11	47400	44800	46300	48600	42800	46800	41000	29900	35300	43400	37400	40900
12	47600	44700	46500	48800	43100	47200	40900	29600	35400	43300	38300	40900
13	47500	45000	46600	48800	44100	47600	40500	30500	35500	43300	38400	40700
14	47600	45300	46700	48900	43800	47200	41000	29100	33400	42700	37500	40300
15	47300	45200	46400	48200	43300	45900	39900	29100	32700	---	---	---
16	47700	45600	46800	47700	42000	44100	35300	28900	31200	43500	39400	41700
17	48100	45600	47100	46000	41900	43000	35500	29300	31200	43100	36800	40700
18	47900	45300	46800	44000	41900	42400	35200	29600	31900	41700	35000	38200
19	48200	45900	47100	44400	41800	42700	36400	29600	32800	42300	35300	38800
20	48100	46400	47200	44400	41900	42800	37800	30400	34000	42800	36200	40200
21	48400	46100	47300	44500	41500	43200	38700	30900	35000	43200	35200	39900
22	48300	45200	47000	44700	40200	42800	39800	31500	36000	43500	35000	39700
23	48400	45300	47000	43800	38900	41000	40700	30800	36800	43600	37900	41100
24	48300	45100	46800	42800	37500	40200	42900	32500	38300	---	---	---
25	48200	45000	46600	44100	38000	40600	43200	33200	39100	43800	38300	41100
26	48100	44900	46700	44000	37400	40600	43300	32500	38400	43800	39200	41600
27	48000	44000	46100	43000	33200	38500	43500	34800	39400	43600	39200	42000
28	47400	43000	44900	40900	33600	36900	43800	35800	40800	44100	39900	42600
29	---	---	---	41000	34000	37700	44400	37400	42100	44400	39900	42600
30	---	---	---	41800	32000	37000	---	---	---	44300	39800	42500
31	---	---	---	40700	31700	36200	---	---	---	44200	39800	42300
MONTH	48400	43000	46500	48900	31700	43500	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	43400	38900	41300	43800	37600	40700	43600	37100	40400	43000	38500	41000
2	43300	39300	41200	43800	34500	39900	43600	37700	40100	43300	37800	40500
3	42400	38600	40400	44000	35600	39800	---	---	---	42800	37000	40400
4	42700	39200	40600	43200	34100	38300	---	---	---	42400	37300	39500
5	42900	38900	40900	42800	35000	39200	44300	39200	41100	41900	37400	39300
6	42900	36100	39600	43400	35700	40000	44400	39100	41300	43500	37200	40400
7	42600	36800	39800	43300	37400	41000	44400	39200	41300	43500	38800	40700
8	42700	37200	40000	43300	36900	40800	44000	37700	40500	43000	38700	40500
9	42400	37800	40200	43200	34700	40100	42900	37800	39700	42500	38500	40200
10	42400	36700	39500	43200	36100	39300	42200	37000	39700	42500	38400	39900
11	42300	36400	38700	42600	35900	39600	41900	36100	39400	42300	38200	39900
12	41800	37400	39100	42600	36500	40300	41900	37100	39400	42600	38600	40100
13	41900	38200	40200	42900	38100	40700	42600	37500	39700	43300	38300	40500
14	42300	39300	41000	42700	36900	40200	42700	38300	40000	44300	39900	41900
15	43000	39900	41500	42200	36400	39800	42200	38000	39900	44900	38500	42600
16	44300	40200	42300	42800	37300	40100	43200	37800	40400	45800	38100	42800
17	44200	40100	42600	42800	37000	40400	45100	39100	42200	46500	41400	43800
18	45000	39300	42400	43900	37200	40300	45000	39300	42000	47100	41900	44600
19	---	---	---	43400	35600	39800	45000	39200	42200	47200	42500	45100
20	---	---	---	44400	35300	40800	45100	39100	42600	47600	43300	45500
21	---	---	---	45000	36000	41800	45000	39700	42900	47800	43900	45800
22	44300	37300	41000	45400	36500	42300	45100	40000	42800	48100	44400	46000
23	44200	37600	41500	45600	36800	42400	44700	39400	42100	47900	44300	46000
24	44400	36600	41300	45600	38100	42700	43600	38100	41300	46900	42900	45200
25	44600	37400	41100	45600	38700	42600	43400	38100	40500	46100	42200	44300
26	44400	37300	41000	44900	38900	42600	44400	38600	41500	46200	41700	44400
27	43900	37700	41100	45000	39900	42800	43400	36800	40100	46800	42300	44900
28	43500	37000	40800	44900	39000	42500	42900	37500	39700	46800	43100	45000
29	43000	35800	39900	44900	39100	42800	43100	38700	40300	46900	43200	44900
30	43400	36900	40300	45000	38600	42400	43400	38000	40500	47100	43600	45300
31	---	---	---	43900	39000	41300	43600	38200	40500	---	---	---
MONTH	---	---	---	45600	34100	40900	---	---	---	48100	37000	42700

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, 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	27.1	26.0	26.4	24.3	22.6	23.4	16.7	16.2	16.4	11.5	9.8	10.6			
2	27.8	26.0	26.7	24.9	23.2	24.0	16.3	14.8	15.7	12.5	10.6	11.4			
3	28.1	26.5	27.2	25.1	23.5	24.3	16.1	14.4	15.4	13.5	11.8	12.4			
4	28.4	26.1	27.5	25.0	23.9	24.5	15.6	14.4	15.1	14.1	12.6	13.2			
5	28.0	26.0	27.2	24.4	22.4	23.4	15.3	14.2	14.9	14.4	12.9	13.7			
6	27.5	25.9	26.8	22.9	20.8	22.0	15.9	14.6	15.3	14.8	13.8	14.2			
7	26.6	24.7	25.6	21.8	20.2	21.3	16.9	15.6	16.1	15.3	13.4	14.5			
8	25.0	23.0	24.1	21.1	19.8	20.7	17.6	16.5	17.0	16.5	13.8	15.1			
9	24.1	23.2	23.7	20.5	18.2	19.6	18.4	16.9	17.7	16.8	14.5	15.7			
10	24.1	23.5	23.8	18.7	17.3	17.9	19.2	17.5	18.3	16.8	14.6	15.8			
11	24.5	23.7	24.0	18.8	17.0	17.7	17.8	15.3	16.8	16.4	14.9	15.7			
12	25.1	23.9	24.3	18.9	17.9	18.4	15.5	14.3	15.0	16.7	15.1	15.9			
13	25.6	24.3	24.6	18.8	17.7	18.4	14.9	13.4	14.4	17.1	15.5	16.2			
14	24.4	22.9	23.6	18.1	15.9	16.5	14.5	12.4	13.1	17.3	16.0	16.8			
15	23.7	22.4	22.9	16.6	14.3	15.3	13.0	9.9	11.3	16.4	13.1	14.6			
16	22.5	20.6	21.7	16.0	14.0	15.2	11.8	9.2	10.7	13.7	10.8	12.5			
17	22.8	20.7	21.9	16.1	14.3	15.4	11.7	10.0	11.1	---	---	---			
18	23.1	21.8	22.6	16.4	14.5	15.7	11.9	10.4	11.4	10.9	8.6	9.7			
19	24.0	22.2	23.1	17.1	15.4	16.3	11.8	10.0	11.2	9.4	7.8	8.7			
20	24.4	23.1	23.7	17.9	16.8	17.2	10.5	8.5	9.6	9.2	7.5	8.5			
21	24.1	22.8	23.4	18.3	17.5	17.8	9.8	7.9	9.1	10.1	8.6	9.3			
22	23.1	21.8	22.7	18.6	17.7	18.1	10.6	9.1	9.7	10.7	9.3	9.8			
23	22.3	21.0	22.0	19.1	18.0	18.5	13.1	10.5	11.8	10.7	7.2	9.1			
24	21.8	20.9	21.4	19.7	18.4	19.0	12.8	10.6	11.7	8.3	6.9	7.7			
25	22.2	21.0	21.5	19.3	17.2	18.8	10.7	9.3	10.0	8.8	6.5	7.8			
26	22.0	21.1	21.5	17.3	16.2	16.8	9.7	7.7	8.4	10.0	7.7	8.7			
27	22.2	20.5	21.4	16.6	14.9	15.4	8.1	6.6	7.6	10.5	9.3	9.8			
28	21.6	21.3	21.5	16.1	15.1	15.6	8.1	6.7	7.5	10.0	7.8	8.8			
29	22.0	21.1	21.5	16.0	14.4	15.5	9.2	7.2	8.2	8.2	6.8	7.2			
30	23.1	21.4	22.0	16.4	14.9	15.7	10.0	8.2	9.0	7.8	6.9	7.3			
31	23.7	22.0	22.8	---	---	---	10.6	9.0	9.8	8.7	6.8	7.7			
MONTH	28.4	20.5	23.6	25.1	14.0	18.6	19.2	6.6	12.6	---	---	---			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
FEBRUARY												
1	8.6	7.8	8.2	13.9	11.7	12.9	19.4	18.5	19.0	21.9	20.5	21.0
2	8.3	7.6	8.0	12.9	9.8	11.7	19.4	16.5	18.5	22.6	21.0	21.7
3	8.0	7.8	7.9	12.3	10.4	11.4	17.4	14.9	16.8	22.7	21.2	21.9
4	8.8	7.3	8.0	12.3	10.2	11.6	17.8	16.7	17.2	23.8	21.3	22.1
5	9.2	8.0	8.5	13.0	10.9	12.1	19.3	17.4	18.1	22.4	20.6	21.4
6	10.1	8.4	8.9	13.3	11.7	12.6	20.3	18.0	18.9	21.2	19.3	20.1
7	10.4	8.7	9.4	14.6	12.5	13.1	19.4	18.7	19.2	23.3	19.7	20.7
8	11.4	9.2	10.0	14.5	12.9	13.7	19.8	18.6	19.0	23.9	20.3	21.5
9	11.4	10.0	10.7	13.1	12.0	12.5	19.8	18.7	19.1	25.6	21.5	22.6
10	12.5	10.5	11.4	13.6	11.2	12.2	20.8	18.6	19.5	25.1	22.3	23.2
11	11.2	9.5	10.5	13.3	11.7	12.5	21.9	19.0	20.1	26.2	23.0	24.0
12	11.2	9.2	10.3	13.8	11.1	12.5	21.0	19.8	20.4	27.2	23.8	24.9
13	11.6	10.0	10.8	15.9	12.2	13.6	21.6	20.0	20.6	27.1	24.4	25.6
14	11.7	10.9	11.2	16.3	13.8	14.8	21.5	17.8	19.7	27.0	25.3	26.2
15	12.1	11.3	11.6	16.2	14.3	15.0	19.0	17.4	18.2	---	---	---
16	13.5	11.6	12.3	15.9	13.7	14.8	18.8	15.7	17.4	26.5	25.3	25.9
17	13.7	12.3	13.1	14.3	11.3	13.1	18.7	16.1	17.4	26.4	25.7	26.0
18	13.5	12.0	12.7	12.4	10.8	11.6	18.7	17.2	18.0	26.1	25.2	25.7
19	12.8	11.3	12.2	13.7	10.8	11.9	19.7	18.0	18.8	26.7	25.3	25.9
20	13.5	12.0	12.5	14.3	12.4	13.1	21.0	18.9	19.6	26.8	25.4	25.9
21	14.3	12.5	13.3	15.0	13.4	14.1	22.1	19.4	20.2	25.6	23.9	24.7
22	16.5	13.3	14.4	15.8	14.1	14.9	22.1	20.0	20.7	25.2	22.7	23.8
23	16.9	14.2	15.4	17.2	14.8	15.9	21.7	19.9	20.7	26.2	23.5	24.5
24	17.2	14.9	16.0	18.1	15.6	16.7	20.2	18.2	19.0	26.8	24.5	25.2
25	16.0	14.5	15.3	17.5	16.1	16.7	19.9	16.6	18.2	25.3	23.2	24.4
26	15.0	13.5	14.3	18.0	16.3	17.0	18.7	18.2	18.5	25.8	22.9	24.3
27	14.3	13.3	13.8	17.6	16.7	17.3	20.4	18.2	19.1	26.1	23.3	24.5
28	13.5	12.5	13.1	17.9	16.7	17.3	20.8	18.3	19.4	26.8	24.0	25.1
29	---	---	---	18.6	15.1	16.7	21.6	19.1	20.1	27.1	25.2	25.8
30	---	---	---	19.7	16.8	17.9	21.5	20.0	20.7	26.6	25.5	25.9
31	---	---	---	19.5	18.1	18.7	---	---	---	26.3	24.6	25.4
MONTH	17.2	7.3	11.6	19.7	9.8	14.2	22.1	14.9	19.1	---	---	---

BROAD RIVER BASIN

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02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	24.9	24.2	24.6	30.5	28.7	29.3	31.0	29.7	30.2	31.0	29.4	30.0
2	26.0	24.6	25.0	30.4	28.8	29.8	30.3	29.0	29.6	31.1	29.8	30.2
3	25.7	24.8	25.2	31.2	29.8	30.2	---	---	---	30.8	29.0	30.0
4	26.8	25.1	25.7	31.2	29.5	30.1	---	---	---	30.4	29.0	29.8
5	28.1	25.8	26.4	31.4	29.8	30.3	31.7	29.6	30.4	29.8	28.1	28.8
6	28.0	26.1	26.8	31.8	29.4	30.4	31.1	29.8	30.4	28.8	26.7	27.7
7	29.8	26.7	27.6	31.9	30.0	30.8	30.8	29.2	30.0	27.8	25.4	26.7
8	29.6	27.5	28.3	32.1	29.9	30.8	30.3	29.2	29.6	27.6	24.9	26.5
9	30.6	28.0	28.8	31.0	30.3	30.8	30.6	28.5	29.5	27.6	25.8	26.8
10	30.3	28.3	29.1	30.4	29.5	30.1	30.2	29.1	29.7	27.4	25.5	26.5
11	29.3	28.0	28.4	30.9	29.1	30.0	30.6	29.1	29.9	27.2	25.2	26.4
12	28.3	27.3	27.9	31.3	29.5	30.3	30.7	29.6	30.3	26.6	25.1	25.9
13	29.2	27.1	28.1	31.2	30.1	30.7	31.1	29.6	30.6	25.9	24.7	25.5
14	29.7	27.9	28.7	31.1	29.9	30.6	31.8	30.1	31.0	26.4	25.3	25.8
15	30.5	28.3	29.4	31.6	30.3	30.9	31.8	30.7	31.4	28.0	25.9	26.6
16	30.6	29.4	30.0	31.7	30.7	31.2	32.4	31.1	31.6	29.3	26.6	27.4
17	30.3	29.6	29.9	31.7	30.9	31.4	32.9	31.3	31.8	29.4	27.2	28.1
18	30.5	28.7	29.6	32.4	31.0	31.6	33.0	31.3	31.8	30.2	27.9	28.7
19	---	---	---	33.0	31.2	31.7	32.9	31.3	31.9	30.4	28.4	29.1
20	---	---	---	33.1	31.2	31.9	34.4	31.2	32.1	30.5	28.7	29.4
21	---	---	---	32.9	31.1	31.8	33.8	31.6	32.5	30.2	28.2	29.4
22	29.8	27.1	27.9	32.7	31.0	31.7	32.9	31.8	32.4	30.6	28.6	29.4
23	30.1	27.4	28.5	33.1	30.8	31.7	32.9	31.1	32.0	30.5	28.3	29.6
24	29.5	28.0	28.6	33.1	31.1	32.0	32.5	30.8	31.9	30.2	28.7	29.7
25	28.4	26.9	27.7	33.6	31.1	32.0	32.0	29.8	30.9	30.0	28.4	29.5
26	29.4	26.4	27.6	33.1	31.1	31.9	30.2	27.9	29.4	29.7	28.6	29.4
27	29.0	27.9	28.3	33.1	31.0	32.2	29.6	28.3	28.9	29.5	28.5	29.0
28	28.5	27.6	28.0	33.1	31.4	32.4	30.2	28.5	29.4	28.8	27.7	28.4
29	28.1	27.3	27.8	32.9	31.5	32.2	30.5	29.6	30.1	28.5	27.5	28.0
30	29.3	27.6	28.4	32.6	31.6	32.1	30.5	30.0	30.2	28.3	27.7	28.0
31	---	---	---	32.1	30.8	31.6	30.5	29.3	29.8	---	---	---
MONTH	---	---	---	33.6	28.7	31.1	---	---	---	31.1	24.7	28.2

