

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1998 TO September 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1998 to September 1999.

WATER TEMPERATURE: November 1998 to September 1999.

DISSOLVED OXYGEN: November 1998 to September 1999.

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

REMARKS.--Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 53,100 microsiemens, Jul. 23, 2000; minimum, 23,800 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 35.5°C, Aug. 1, 1999; minimum, 5.0°C, Jan. 31, 2000.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Feb. 3, 2000; minimum, 3.0 mg/L, Jul. 30, Sep. 22, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 53,100 microsiemens, Jul. 23; minimum, 38,300 microsiemens Feb. 14.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 18, 20-22; minimum, 5.0°C, Jan. 31.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Feb. 3; minimum, 3.0 mg/L, Jul. 30, Sep. 22.

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	46800	42600	44900	46900	44200	45500	46300	44400	45400	47400	46400	46800
2	47700	43700	45400	46700	44200	45200	46500	45100	45700	47700	46100	46800
3	47200	44000	45600	47100	44600	46100	46800	44900	45800	47500	46000	46900
4	46700	44200	45400	47600	45700	46800	46700	44900	46100	47800	46300	47100
5	47700	44000	45800	47700	45600	46600	46800	45400	46100	47700	45900	46800
6	48400	44800	46400	47800	45600	46800	46900	45000	45900	48100	46000	46900
7	48500	45400	46900	47900	45800	47000	46700	45500	46000	47800	45300	46600
8	48600	44800	46400	48000	46300	47100	46700	45700	46200	47800	45600	46600
9	48800	44800	46600	47900	46000	46900	46700	45200	45900	47700	45700	46700
10	48600	45500	46800	47900	45700	46800	46400	45200	45800	47600	45100	46400
11	48600	46100	47100	47800	46000	46900	46100	44500	45300	47500	45800	46600
12	48600	45500	47000	47400	45400	46500	46400	44600	45200	47400	46000	46700
13	47800	45400	46300	47800	44600	46200	45800	44600	45100	47600	46200	46800
14	48000	45600	46600	47200	45900	46600	46300	44000	44900	47300	45500	46500
15	47800	45500	46400	47500	45300	46500	46200	44600	45400	47900	45900	46600
16	48000	44900	46000	47800	45100	46800	46300	44600	45600	47900	46000	46800
17	45900	43300	44800	47900	45000	46700	46600	45100	46100	47800	45900	46800
18	45500	43200	44000	48100	45200	46400	46900	45500	46200	47900	45400	46600
19	45400	43100	44100	48000	46000	47000	46500	43800	45300	48000	45000	46500
20	45200	42500	43900	47800	45500	47000	45900	43300	44600	48000	45100	46600
21	44700	42100	43100	47800	45800	46800	45500	43300	44400	48300	45100	46900
22	45500	41400	43300	48000	45300	46800	44900	43400	44000	48500	45400	47100
23	45800	42600	44000	47800	45700	46700	45100	43400	44100	48500	45100	46900
24	46300	42700	44200	47500	44300	45900	45300	43300	44400	48400	45000	46400
25	46600	43400	45000	46400	44200	45300	45700	43500	44800	47800	44600	45900
26	46800	44100	45300	46100	43000	44500	46100	44300	45300	47800	45400	46200
27	46900	43900	45400	45700	43400	44400	46200	45000	45700	---	---	---
28	46700	44400	45500	45800	44000	44800	46500	45600	46100	47700	45200	46300
29	47000	44500	45600	45900	44300	45100	46900	45600	46400	47300	43500	45000
30	47100	44500	45700	46000	44600	45100	47000	45800	46700	44700	42700	43600
31	46900	44800	45600	---	---	---	47200	46000	46800	45400	42600	43900
MONTH	48800	41400	45500	48100	43000	46200	47200	43300	45500	48500	42600	46400

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, 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	25.5	23.5	24.5	20.5	19.5	20.0	15.0	13.0	14.0	12.0	10.5	11.0
2	25.0	23.5	24.5	21.0	19.5	20.0	14.0	12.0	13.0	13.0	11.5	12.0
3	25.5	24.0	24.5	19.5	16.5	18.0	13.5	12.0	13.0	13.5	12.0	13.0
4	25.0	24.5	25.0	17.5	16.0	17.0	14.0	13.0	13.5	15.0	12.5	14.0
5	24.5	23.0	24.0	17.5	16.0	16.5	15.0	13.5	14.0	15.0	12.5	13.5
6	24.0	22.5	23.0	18.0	16.5	17.0	15.5	14.0	14.5	12.5	12.0	12.5
7	23.5	22.5	23.0	18.5	16.5	17.5	14.5	13.5	14.0	13.5	12.0	12.5
8	24.0	22.0	23.0	19.0	17.0	18.0	14.0	13.0	13.5	12.5	12.0	12.5
9	24.5	22.5	23.5	19.5	18.0	18.5	15.0	13.0	14.0	14.0	12.0	13.0
10	25.5	23.5	24.5	20.0	18.5	19.0	16.0	14.0	15.0	15.0	13.5	14.0
11	25.5	24.0	25.0	20.5	18.5	19.5	15.5	14.5	15.0	14.5	13.0	14.0
12	25.0	24.0	24.5	20.0	18.5	19.0	16.0	14.5	15.0	15.0	13.0	14.0
13	24.5	23.5	24.0	19.5	17.5	18.5	16.5	15.5	16.0	15.0	13.5	14.0
14	25.0	23.0	24.0	19.5	17.5	19.0	17.0	16.0	16.5	14.5	12.0	13.0
15	24.5	23.0	23.5	19.0	18.0	18.5	16.5	15.5	16.0	12.5	10.5	11.5
16	23.5	22.5	23.0	18.5	17.0	17.5	16.0	14.5	15.0	12.0	10.5	11.5
17	23.0	22.0	22.5	17.0	15.5	16.5	15.0	13.5	14.0	12.5	11.5	12.0
18	23.5	21.5	22.5	16.0	14.5	15.5	14.0	13.0	13.5	12.0	11.5	12.0
19	23.0	22.0	22.5	16.5	15.5	16.0	13.5	13.0	13.0	12.0	11.0	11.5
20	23.5	22.5	23.0	17.5	16.0	16.5	14.5	13.5	13.5	12.5	11.0	11.5
21	23.0	21.0	22.0	17.5	17.0	17.0	14.0	13.5	13.5	11.0	10.0	10.5
22	22.0	20.5	21.0	18.0	17.0	17.5	13.5	13.0	13.5	10.5	9.0	9.5
23	20.5	19.5	20.0	19.0	17.5	18.0	13.5	13.0	13.5	10.0	9.5	10.0
24	19.5	18.0	19.0	19.0	18.0	18.5	13.5	12.0	12.5	10.0	8.5	9.5
25	19.0	17.5	18.5	19.5	18.5	19.0	12.5	10.5	11.5	9.0	7.0	8.5
26	19.5	17.5	18.5	20.0	19.0	19.5	11.5	9.5	10.5	9.0	7.0	8.0
27	20.0	18.0	19.0	20.0	18.0	18.5	11.0	9.0	10.0	8.0	6.5	7.5
28	20.0	18.5	19.0	18.5	17.0	18.0	10.5	9.0	10.0	8.0	6.0	7.0
29	20.0	18.5	19.5	18.5	17.0	18.0	10.5	8.5	9.5	6.5	5.5	6.0
30	20.0	18.5	19.5	18.0	14.5	16.5	10.5	9.0	10.0	6.0	6.0	6.0
31	20.0	19.5	20.0	---	---	---	11.0	10.0	10.5	6.5	5.0	6.0
MONTH	25.5	17.5	22.3	21.0	14.5	18.0	17.0	8.5	13.3	15.0	5.0	11.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.0	5.5	6.5	18.5	17.0	18.0	20.8	19.4	20.1	---	---	---
2	7.5	6.0	6.5	19.0	17.5	18.0	21.6	19.5	20.1	---	---	---
3	8.0	6.0	7.0	18.5	17.5	18.0	22.1	20.0	20.7	---	---	---
4	9.0	7.0	7.5	19.0	17.0	18.0	21.0	18.7	20.4	25.1	22.9	23.9
5	9.0	7.0	7.5	19.0	16.5	17.5	19.8	17.2	18.6	25.6	23.3	24.2
6	9.0	7.0	8.0	19.5	17.0	18.0	20.2	17.5	18.8	26.9	23.8	25.0
7	9.5	7.5	8.5	20.0	17.5	18.5	21.5	18.1	19.5	27.4	24.2	25.4
8	9.5	8.5	9.0	20.5	18.0	19.0	21.3	19.2	19.8	27.6	24.2	25.4
9	10.5	8.5	9.5	21.0	18.5	19.5	19.5	16.0	18.0	27.7	24.3	25.6
10	11.5	9.0	10.0	21.5	19.0	20.0	20.5	17.0	18.5	27.4	25.0	25.9
11	12.5	10.0	11.0	22.0	19.5	20.5	21.0	17.5	19.0	27.9	25.4	26.5
12	13.5	11.0	12.0	21.5	18.5	19.5	22.0	19.0	20.0	28.3	26.3	27.1
13	13.0	12.0	12.5	19.0	17.0	18.0	21.0	18.5	20.0	28.5	26.5	27.5
14	14.5	12.0	13.0	18.0	16.0	17.5	18.5	17.0	17.5	28.5	27.0	27.5
15	---	---	---	18.5	16.5	17.5	18.5	17.0	17.5	27.5	26.5	27.0
16	---	---	---	19.0	18.0	18.5	21.0	18.0	19.0	27.0	25.5	26.5
17	---	---	---	20.0	18.5	19.0	22.0	19.5	20.5	27.5	25.0	26.0
18	15.5	13.0	14.0	19.0	16.5	18.0	21.5	20.0	21.0	27.5	25.0	26.0
19	16.5	14.0	15.5	16.5	16.0	16.0	22.5	20.0	21.0	28.5	25.5	26.5
20	16.0	14.5	15.5	18.5	16.0	17.0	23.5	20.5	22.0	29.0	26.0	27.0
21	16.0	14.0	15.0	19.5	17.5	18.5	23.5	21.0	22.0	28.5	26.0	27.0
22	15.5	14.0	14.5	20.5	18.0	19.0	22.5	19.5	21.0	27.0	26.0	26.5
23	16.0	13.5	14.5	19.0	17.5	18.0	22.0	19.5	21.0	28.5	25.0	26.5
24	17.5	14.5	15.5	20.0	17.0	18.0	21.5	20.5	21.0	29.0	26.0	27.0
25	18.5	15.5	16.5	20.5	17.0	19.0	21.7	19.9	20.7	---	---	---
26	18.5	16.0	17.0	21.7	18.4	19.7	---	---	---	29.0	28.0	28.5
27	19.0	16.5	17.5	20.5	19.3	20.0	---	---	---	30.5	28.0	29.0
28	19.0	17.0	18.0	20.6	17.4	19.3	---	---	---	30.0	28.5	29.0
29	18.5	16.5	17.5	21.1	18.1	19.6	---	---	---	29.5	27.5	28.5
30	---	---	---	20.3	19.2	19.7	---	---	---	27.5	26.0	27.0
31	---	---	---	20.7	19.1	19.9	---	---	---	27.5	25.5	26.5
MONTH	19.0	5.5	12.3	22.0	16.0	18.6	23.5	16.0	19.9	30.5	22.9	26.6

BROAD RIVER BASIN

02176585 BRICKYARD CREEK NEAR BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), 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	8.0	5.7	6.5	---	---	---	9.5	7.2	8.5	10.6	9.3	9.9
2	7.3	5.9	6.6	---	---	---	9.4	7.6	8.6	10.6	9.1	9.7
3	7.1	5.7	6.2	---	---	---	9.4	7.7	8.6	10.2	8.7	9.4
4	6.3	5.0	5.6	8.9	7.4	8.2	9.2	7.4	8.3	10.2	8.5	9.3
5	5.8	4.6	5.3	9.1	7.3	8.4	8.8	7.1	8.1	10.5	8.4	9.6
6	6.3	4.8	5.6	9.3	7.7	8.5	8.5	6.9	7.7	10.8	8.8	9.8
7	6.8	5.0	6.0	9.4	7.4	8.5	9.1	7.0	8.0	10.6	8.7	9.8
8	7.4	5.7	6.6	9.4	7.4	8.5	9.3	7.4	8.3	10.8	8.8	9.8
9	7.7	5.9	6.7	9.5	6.7	8.4	9.2	7.1	8.2	10.9	8.6	9.7
10	7.8	5.7	6.7	9.1	6.6	8.0	9.2	7.4	8.2	10.4	8.5	9.6
11	7.3	5.7	6.4	9.3	7.0	8.0	9.7	7.0	8.2	10.7	8.5	9.4
12	6.3	5.0	5.6	8.6	6.1	7.3	9.7	7.3	8.4	10.6	8.5	9.4
13	6.6	5.0	5.7	8.8	6.0	7.4	9.4	7.6	8.2	10.3	8.6	9.3
14	7.3	4.9	5.9	8.9	6.8	7.8	9.6	7.6	8.4	10.6	8.3	9.4
15	7.4	5.7	6.3	8.8	6.6	7.6	9.6	7.5	8.4	10.5	8.5	9.4
16	7.6	5.9	6.7	8.7	6.6	7.7	10.0	8.0	8.8	10.3	8.7	9.5
17	7.8	6.1	7.2	8.9	6.6	7.8	9.7	8.4	9.0	10.2	8.5	9.2
18	7.2	6.3	6.8	8.7	6.9	7.9	9.5	8.1	8.8	9.8	8.2	9.0
19	6.9	5.9	6.6	8.3	6.6	7.6	9.6	7.5	8.7	9.8	8.0	8.9
20	6.6	5.5	6.0	8.3	5.9	7.3	9.1	8.0	8.5	10.4	8.4	9.3
21	6.5	5.2	5.8	8.2	5.8	7.1	9.0	7.4	8.3	10.8	8.7	9.7
22	6.7	5.3	6.0	8.3	5.6	7.0	9.0	7.4	8.3	11.2	8.8	9.9
23	7.3	5.6	6.5	8.6	5.7	7.1	9.3	7.5	8.6	10.7	9.0	9.7
24	8.1	6.1	7.0	8.0	5.7	7.0	10.3	8.1	9.1	10.7	8.8	9.7
25	8.1	6.4	7.2	8.0	5.2	6.7	11.2	8.4	9.8	11.6	9.6	10.5
26	8.2	6.4	7.3	7.8	5.6	6.7	11.5	9.3	10.4	12.2	10.1	10.9
27	8.7	6.6	7.5	8.5	5.1	6.8	11.8	9.2	10.5	12.5	10.1	11.4
28	8.9	6.6	7.7	8.7	5.9	7.1	11.8	9.9	10.7	12.6	10.6	11.6
29	---	---	---	8.6	6.0	7.3	11.7	9.7	10.7	12.7	11.0	12.0
30	---	---	---	9.1	6.2	7.8	11.4	9.7	10.6	12.4	11.5	12.0
31	---	---	---	---	---	---	10.9	9.7	10.3	12.6	11.4	12.1
MONTH	8.9	4.6	6.4	9.5	5.1	7.6	11.8	6.9	8.9	12.7	8.0	10.0
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.0	11.6	12.3	9.0	8.0	8.4	7.7	6.2	7.1	---	---	---
2	13.1	11.7	12.5	8.7	7.8	8.2	8.0	6.6	7.3	---	---	---
3	13.2	11.9	12.6	8.8	7.6	8.1	8.2	6.6	7.4	---	---	---
4	13.0	11.7	12.4	8.6	7.2	7.9	7.8	6.5	7.3	8.4	6.4	7.5
5	12.9	11.7	12.3	8.5	7.5	7.9	8.8	7.0	7.8	8.3	6.5	7.3
6	12.9	11.6	12.3	8.8	7.2	7.8	9.2	7.4	8.0	8.4	6.1	7.1
7	12.8	11.7	12.3	8.6	7.0	7.7	9.3	7.2	8.0	8.4	6.3	7.1
8	12.7	11.5	12.1	8.5	7.0	7.6	8.8	7.3	7.9	8.5	6.2	7.1
9	12.6	11.3	11.9	8.5	7.0	7.6	9.6	7.7	8.4	8.2	6.2	7.0
10	12.5	10.7	11.8	8.5	5.9	7.0	9.5	7.7	8.4	8.5	6.4	7.3
11	12.2	11.0	11.6	8.6	6.3	7.3	9.0	7.7	8.2	8.4	6.5	7.4
12	11.7	10.6	11.1	8.6	6.4	7.6	8.8	7.5	8.1	7.9	6.5	7.2
13	11.3	9.5	10.6	9.3	6.7	7.9	8.3	6.9	7.8	7.7	6.4	6.9
14	11.5	9.7	10.4	9.6	7.3	8.5	8.0	7.0	7.7	7.0	5.5	6.4
15	---	---	---	8.8	7.8	8.4	8.0	7.0	7.6	7.0	5.2	6.4
16	---	---	---	8.3	7.3	7.7	8.1	6.9	7.5	7.2	5.4	6.5
17	---	---	---	7.9	7.0	7.4	8.2	6.8	7.5	7.2	5.3	6.4
18	10.3	9.3	9.9	8.1	6.7	7.6	8.6	6.9	7.6	7.6	5.7	6.6
19	10.2	9.2	9.7	8.4	7.3	8.0	9.0	6.6	7.8	7.8	5.7	6.7
20	10.3	9.0	9.7	8.6	7.6	8.1	9.1	6.7	7.8	7.8	5.7	6.5
21	10.6	9.4	9.9	8.6	7.0	7.8	8.6	6.9	7.7	7.7	5.6	6.5
22	11.0	9.6	10.1	8.9	7.2	7.9	9.0	7.2	7.8	6.5	5.4	5.9
23	11.0	9.9	10.3	8.9	7.1	8.0	9.1	7.0	8.0	7.0	4.9	5.8
24	11.3	9.8	10.3	9.3	7.3	8.2	8.1	6.7	7.5	7.4	5.0	6.0
25	10.8	9.6	10.1	9.4	7.6	8.4	8.4	6.4	7.5	7.6	5.3	5.9
26	10.6	9.3	9.9	9.1	7.8	8.3	---	---	---	6.3	4.8	5.5
27	10.1	9.2	9.7	8.3	7.4	7.9	---	---	---	6.6	4.4	5.2
28	9.8	8.9	9.4	8.5	7.0	7.8	---	---	---	6.3	4.9	5.5
29	9.6	8.0	8.6	8.6	7.3	8.0	---	---	---	6.1	4.6	5.4
30	---	---	---	8.0	7.0	7.4	---	---	---	6.7	4.9	5.8
31	---	---	---	7.5	6.3	7.0	---	---	---	7.7	5.0	6.3
MONTH	13.2	8.0	10.9	9.6	5.9	7.9	9.6	6.2	7.7	8.5	4.4	6.5

