

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to current year.

WATER TEMPERATURE: October 1998 to current year.

DISSOLVED OXYGEN: October 1998 to current year.

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, 53,200 microsiemens, Aug. 26-31, 2000; minimum, 35,700 microsiemens, Jun. 30, 1999.

WATER TEMPERATURE: Maximum, 34.5°C, Aug. 1, 1999; minimum, 6.0°C, Jan. 29-31, 2000.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Feb. 3, 4, 2000; minimum, 3.4 mg/L, June 22, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 53,200 microsiemens, Aug. 26-31; minimum, 42,300 microsiemens, Feb. 18.

WATER TEMPERATURE: Maximum, 32.0°C, July 18; minimum, 6.0°C, Jan. 29-31.

DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Feb. 3, 4; minimum, 3.4 mg/L, June 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 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	48900	45500	47000	46800	45400	46200	47400	46200	46900	46900	46200	46600
2	49000	45600	47100	46700	45000	46000	47400	46400	47000	47000	46200	46600
3	48500	46200	47300	46600	45300	46200	47500	46500	47000	47000	46200	46600
4	48700	45400	47300	46800	45800	46400	47500	46500	47100	47100	46300	46600
5	48500	45500	47000	46800	45900	46500	47600	46600	47100	46800	45900	46400
6	48700	46000	47400	46800	45900	46500	47500	46400	47000	46900	46100	46500
7	48500	46000	47300	46800	46000	46500	47500	46400	47100	47000	45900	46500
8	48700	45900	47300	46900	46200	46600	47500	46600	47100	47000	46000	46500
9	48900	45100	47100	46900	46200	46600	47500	46500	47100	47000	45900	46500
10	48700	45700	47400	46800	46200	46600	47500	46600	47000	47000	45800	46500
11	48600	46400	47500	46800	46300	46600	47400	46700	47100	46800	45900	46500
12	48600	45200	47000	46800	46300	46600	47400	46600	47000	46900	46200	46500
13	48300	46000	47100	46800	46300	46600	47300	46600	47000	46900	46200	46600
14	48200	45900	47100	46800	46400	46700	47200	46200	46700	46900	46300	46600
15	48200	46200	47200	46900	46600	46800	47000	46300	46700	47000	46100	46700
16	48100	46300	47200	47000	46600	46800	47000	46300	46700	47100	46200	46700
17	47800	44000	45800	47100	46600	46900	47100	46400	46800	47200	46300	46800
18	47300	44100	45800	47100	46500	46900	47100	46300	46800	47500	46300	46900
19	47200	44400	46000	47100	46500	46900	47100	45000	46300	47600	46000	46800
20	47000	43200	45500	47200	46400	46900	46700	44900	45900	47400	45900	46700
21	46800	42900	45100	47200	46400	46900	46700	44800	45800	47600	46200	47000
22	46700	42900	45200	47300	46400	46900	46600	44700	45700	47800	46400	47100
23	46800	43300	45300	47400	46400	47000	46800	44900	45700	47800	46000	47000
24	46900	44000	45600	47500	46500	47000	46700	45000	45800	47700	45700	46800
25	46900	44300	45700	47600	46500	47000	46800	45200	46000	47500	45000	46500
26	47000	44600	45800	47500	45800	46900	46800	45400	46100	47400	45600	46600
27	46900	44800	45900	47300	45800	46700	46800	45600	46200	47400	46000	46700
28	46800	45100	46000	47300	46100	46800	46800	45900	46400	47400	46100	46800
29	46900	45300	46100	47300	46200	46800	46900	46200	46500	47300	44700	46400
30	46900	45500	46300	47300	46200	46800	46900	46200	46600	46800	43900	45500
31	46800	45600	46200	---	---	---	46900	46200	46600	46500	44100	45500
MONTH	49000	42900	46500	47600	45000	46700	47600	44700	46600	47800	43900	46600

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT 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
1	25.0	24.0	24.5	20.5	20.0	20.0	16.5	13.5	15.0	11.5	10.5	11.0
2	24.5	24.0	24.5	20.5	20.0	20.0	15.0	12.5	14.0	12.0	11.0	11.5
3	24.5	24.0	24.5	20.0	17.5	19.0	14.5	12.5	14.0	12.5	11.5	12.0
4	24.5	24.0	24.5	18.5	16.5	18.0	14.5	13.0	14.0	13.5	12.0	13.0
5	24.5	23.0	24.0	18.0	16.5	17.5	14.5	13.5	14.0	14.0	12.5	13.0
6	23.5	23.0	23.5	18.0	16.5	17.5	15.0	14.0	14.5	13.0	12.0	12.5
7	23.0	22.5	23.0	18.0	17.0	17.5	14.5	14.0	14.5	12.5	12.0	12.5
8	23.0	22.0	22.5	18.5	17.5	18.0	14.0	13.5	14.0	12.5	12.0	12.5
9	24.0	22.5	23.0	19.0	18.0	18.5	14.5	13.5	14.0	13.5	12.0	12.5
10	24.5	23.5	23.5	19.5	18.5	19.0	15.5	14.5	14.5	14.0	12.5	13.0
11	25.0	23.5	24.0	20.0	18.5	19.0	15.5	14.5	15.0	14.0	13.0	13.5
12	24.5	24.0	24.0	19.5	18.5	19.0	15.5	15.0	15.0	14.5	13.0	13.5
13	24.0	23.5	24.0	19.0	18.5	18.5	16.0	15.0	15.5	14.5	13.5	13.5
14	24.5	23.5	24.0	19.5	18.5	19.0	16.5	15.5	16.0	13.5	12.5	13.0
15	24.0	23.5	23.5	19.0	18.5	18.5	16.0	15.5	16.0	12.5	11.5	12.0
16	23.5	23.0	23.0	18.5	17.5	18.0	16.0	15.0	15.5	12.5	11.0	12.0
17	23.0	22.0	22.5	18.0	16.0	17.0	15.0	14.0	14.5	12.5	12.0	12.0
18	23.0	22.0	22.5	17.0	15.5	16.5	14.5	13.0	14.0	12.5	11.5	12.0
19	23.0	22.5	22.5	17.0	15.5	16.5	14.0	13.0	13.5	12.0	11.5	11.5
20	23.5	22.5	23.0	17.0	16.0	16.5	14.0	13.0	13.5	12.0	11.5	11.5
21	23.0	21.5	22.5	17.0	17.0	17.0	14.0	13.5	13.5	11.5	10.5	11.0
22	22.0	21.0	21.5	17.5	17.0	17.5	13.5	13.5	13.5	11.0	9.5	10.5
23	21.5	20.0	21.0	18.5	17.5	18.0	13.5	13.5	13.5	10.5	9.5	10.0
24	20.5	19.0	19.5	19.0	18.0	18.5	13.5	12.5	13.0	10.5	9.5	10.0
25	19.5	18.0	19.0	19.5	18.0	18.5	13.0	11.5	12.0	9.5	8.0	9.0
26	19.5	18.0	19.0	20.0	18.5	19.0	12.0	10.5	11.0	9.5	8.5	9.0
27	20.0	18.5	19.5	19.5	18.5	19.0	11.5	10.0	11.0	9.0	7.5	8.0
28	20.0	19.0	19.5	18.5	18.0	18.5	11.0	10.0	10.5	8.5	7.0	7.5
29	20.0	19.0	19.5	18.5	17.5	18.5	10.5	10.0	10.5	7.5	6.0	7.0
30	20.0	19.5	19.5	18.0	15.5	17.0	10.5	10.0	10.5	7.0	6.0	6.5
31	20.0	19.5	20.0	---	---	---	11.0	10.5	10.5	7.0	6.0	6.5
MONTH	25.0	18.0	22.3	20.5	15.5	18.2	16.5	10.0	13.6	14.5	6.0	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.0	6.5	17.5	16.5	17.0	20.0	19.0	19.5	22.0	21.0	21.5
2	7.0	6.5	7.0	18.0	17.0	17.5	20.0	19.5	19.5	22.5	21.5	22.0
3	7.5	6.5	7.0	17.5	17.0	17.5	21.0	19.5	20.0	23.5	22.0	22.5
4	8.0	7.0	7.5	18.0	17.0	17.5	20.5	19.5	20.0	24.5	22.5	23.0
5	8.0	7.5	7.5	18.0	16.5	17.5	19.5	18.5	19.0	25.0	23.0	23.5
6	8.0	7.5	7.5	18.5	17.0	17.5	19.5	18.0	19.0	26.0	23.5	24.0
7	9.0	7.5	8.0	19.0	17.0	18.0	20.5	18.5	19.0	26.0	23.5	24.5
8	9.5	8.0	8.5	19.5	17.5	18.5	20.5	19.0	19.5	26.0	24.0	24.5
9	10.0	8.5	9.0	20.0	18.0	18.5	19.0	18.0	18.5	26.0	24.0	25.0
10	11.0	9.0	9.5	20.0	18.5	19.0	19.0	17.5	18.5	26.0	24.5	25.0
11	11.5	9.5	10.0	20.5	18.5	19.5	19.5	18.5	19.0	27.0	25.0	26.0
12	12.0	10.0	11.0	20.0	19.0	19.5	20.5	19.0	19.5	27.5	25.5	26.5
13	12.5	10.5	11.5	19.0	17.5	18.0	20.0	19.0	19.5	27.5	26.0	26.5
14	14.0	11.0	12.0	18.0	17.0	17.5	19.0	17.0	18.5	27.5	26.5	27.0
15	13.5	12.0	12.5	18.0	17.0	17.5	18.5	17.0	18.0	27.0	26.5	26.5
16	13.5	12.0	13.0	18.5	18.0	18.0	19.5	18.0	18.5	26.5	26.0	26.0
17	13.5	12.5	13.0	19.0	18.0	18.5	21.0	19.0	20.0	26.5	25.5	26.0
18	14.5	12.5	13.5	19.0	17.0	18.0	21.0	19.5	20.0	26.5	25.5	26.0
19	15.5	13.0	14.0	17.0	16.0	16.5	21.5	19.5	20.5	27.0	25.5	26.0
20	15.5	13.5	14.5	18.0	16.0	17.0	22.5	20.5	21.0	27.0	26.0	26.5
21	15.0	13.5	14.5	19.0	17.5	18.0	22.5	21.0	21.5	27.0	26.0	26.5
22	15.0	13.5	14.0	20.0	18.0	18.5	21.5	20.5	21.0	26.5	26.0	26.0
23	15.0	13.5	14.0	18.5	17.5	18.0	21.0	20.5	21.0	27.0	25.5	26.0
24	16.5	14.0	15.0	19.0	17.5	18.0	21.0	20.5	21.0	27.5	26.0	26.5
25	17.0	14.5	15.5	19.5	18.0	18.5	21.0	20.5	20.5	28.0	26.5	27.0
26	17.0	15.0	16.0	20.0	18.5	19.0	21.0	20.0	20.5	28.5	27.0	27.5
27	17.5	15.5	16.5	20.0	19.0	19.5	21.5	20.5	20.5	29.0	27.5	28.0
28	17.5	16.0	17.0	19.5	19.0	19.0	21.0	20.5	21.0	29.0	28.0	28.5
29	17.5	16.5	17.0	20.0	19.0	19.0	21.0	20.5	21.0	29.0	28.0	28.5
30	---	---	---	19.5	19.0	19.5	21.5	20.5	21.0	28.0	26.0	27.0
31	---	---	---	19.5	19.0	19.5	---	---	---	26.5	26.0	26.5
MONTH	17.5	6.0	11.8	20.5	16.0	18.2	22.5	17.0	19.9	29.0	21.0	25.7

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.6	5.1	5.8	8.1	7.0	7.7	8.8	8.1	8.4	10.5	10.1	10.4
2	6.5	5.6	6.1	8.1	6.9	7.6	8.8	8.3	8.6	10.5	10.1	10.3
3	6.5	5.5	6.1	8.4	7.3	7.9	8.9	8.2	8.5	10.4	10.0	10.2
4	6.2	5.2	5.9	8.4	7.5	8.1	8.7	8.2	8.5	10.3	9.8	10.1
5	6.1	5.1	5.7	8.5	7.8	8.1	8.6	8.1	8.4	10.5	9.6	10.1
6	6.2	5.1	5.8	8.6	7.7	8.2	8.4	8.0	8.3	10.8	10.0	10.4
7	6.9	5.4	6.3	8.8	7.8	8.3	8.9	7.9	8.5	10.7	10.1	10.4
8	7.5	6.2	7.0	8.9	7.8	8.4	9.2	8.6	8.9	10.9	10.1	10.5
9	7.7	6.6	7.1	9.1	8.0	8.5	9.4	8.7	9.0	10.9	10.2	10.6
10	7.8	6.5	7.2	9.3	8.1	8.6	9.5	8.8	9.1	10.7	10.1	10.4
11	7.4	6.3	6.9	9.6	8.3	8.8	9.8	8.9	9.2	10.7	9.9	10.4
12	7.1	5.8	6.5	9.2	8.5	8.9	9.8	9.0	9.3	10.9	10.1	10.5
13	6.8	5.4	6.3	9.6	8.1	8.9	9.6	9.0	9.3	10.8	10.1	10.5
14	6.9	5.6	6.4	9.8	8.5	9.2	9.6	8.9	9.2	10.9	10.0	10.5
15	7.3	5.8	6.6	10.0	8.7	9.3	9.7	9.0	9.3	10.9	10.1	10.6
16	7.4	6.4	6.9	10.0	8.5	9.4	9.7	8.9	9.3	10.9	10.0	10.6
17	7.4	6.5	7.1	9.7	8.5	9.3	9.6	8.9	9.3	10.8	9.7	10.5
18	7.2	6.4	6.8	9.6	8.3	9.1	9.6	8.7	9.2	10.7	9.4	10.3
19	7.3	6.2	6.7	9.4	7.8	8.9	9.5	8.7	9.2	10.4	9.2	10.1
20	6.9	5.9	6.5	9.1	7.7	8.6	9.4	8.6	9.1	10.4	9.9	10.2
21	6.9	5.9	6.5	8.8	7.1	8.1	9.1	8.4	8.9	10.8	10.1	10.4
22	6.9	6.0	6.6	8.4	6.8	7.8	9.0	8.5	8.8	11.0	10.2	10.5
23	7.2	6.2	6.8	8.2	6.6	7.7	8.9	8.4	8.8	10.8	10.2	10.5
24	7.7	6.6	7.2	7.8	7.0	7.6	9.6	8.7	9.0	10.8	10.2	10.5
25	8.1	7.1	7.5	7.7	7.0	7.5	10.4	9.1	9.6	11.5	10.5	10.9
26	8.3	7.2	7.6	7.6	7.0	7.4	10.7	9.5	10.1	12.0	10.8	11.3
27	8.6	7.3	7.7	8.0	6.9	7.5	10.9	9.8	10.3	12.4	11.1	11.7
28	8.9	7.5	8.0	8.1	7.4	7.7	10.9	10.0	10.4	12.5	11.4	12.0
29	9.1	7.6	8.3	8.0	7.4	7.7	10.8	10.1	10.4	12.9	11.7	12.3
30	8.8	7.9	8.3	8.5	7.5	8.0	10.8	10.2	10.5	12.8	12.2	12.6
31	8.4	7.6	8.1	---	---	---	10.7	10.2	10.5	13.0	12.3	12.7
MONTH	9.1	5.1	6.8	10.0	6.6	8.3	10.9	7.9	9.2	13.0	9.2	10.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.2	12.5	13.0	8.9	8.0	8.6	8.3	6.3	7.6	8.8	6.9	8.0
2	13.5	12.7	13.2	8.8	8.0	8.5	8.1	6.5	7.6	8.6	6.6	7.8
3	13.6	13.0	13.4	8.6	7.8	8.2	8.2	6.7	7.7	8.3	6.4	7.6
4	13.6	13.1	13.3	8.3	7.5	8.0	8.1	6.7	7.6	8.3	6.1	7.6
5	13.5	13.0	13.3	8.4	7.6	8.1	8.2	6.8	7.8	8.3	6.3	7.4
6	13.4	12.9	13.2	8.3	7.5	8.0	8.5	7.2	8.0	8.0	5.8	7.2
7	13.3	12.8	13.1	8.4	7.5	8.0	8.4	7.3	8.0	7.9	5.7	7.2
8	13.3	12.6	13.0	8.4	7.5	8.1	8.5	7.5	8.1	8.1	5.7	7.3
9	13.1	12.5	12.9	8.4	7.5	8.0	9.1	7.7	8.5	8.4	6.1	7.4
10	13.1	12.4	12.9	8.4	7.4	7.9	9.1	7.8	8.6	8.2	5.8	7.2
11	13.0	12.3	12.7	8.4	7.4	8.0	9.3	7.9	8.8	7.8	4.9	6.7
12	13.0	12.2	12.7	8.5	7.6	8.1	9.1	7.7	8.6	7.8	5.3	6.6
13	12.9	11.4	12.3	8.6	7.7	8.1	8.8	7.6	8.3	7.6	5.0	6.6
14	12.7	10.6	11.8	8.8	7.9	8.3	8.6	7.6	8.1	7.2	4.9	6.4
15	12.1	10.2	11.5	---	---	---	8.2	7.3	7.8	7.0	4.9	6.2
16	11.9	9.9	11.1	---	---	---	8.0	6.9	7.6	6.8	4.8	6.0
17	11.6	10.4	11.1	9.0	8.3	8.7	8.0	6.8	7.5	6.7	4.5	5.8
18	11.4	10.2	10.8	9.2	8.1	8.8	8.0	6.7	7.6	6.9	4.5	5.9
19	10.7	9.8	10.3	9.4	8.7	9.1	8.0	6.5	7.5	7.0	4.7	6.0
20	10.6	9.5	10.2	9.5	8.9	9.2	8.0	6.5	7.5	6.9	4.5	6.0
21	10.7	9.9	10.5	9.3	8.4	8.9	8.0	6.8	7.6	7.0	4.7	6.2
22	11.0	10.2	10.6	9.1	8.1	8.7	8.0	6.8	7.6	7.0	4.7	6.1
23	11.1	10.3	10.8	8.9	8.1	8.5	7.9	6.4	7.4	6.8	4.9	5.8
24	10.9	10.2	10.5	8.9	7.7	8.3	7.8	6.4	7.3	6.4	4.5	5.8
25	10.7	9.7	10.2	8.7	7.5	8.1	7.7	6.6	7.3	6.8	4.7	6.0
26	10.5	9.8	10.2	8.6	7.7	8.2	8.2	6.5	7.5	6.9	4.4	5.9
27	10.7	9.6	10.1	8.5	7.7	8.2	8.6	6.8	7.9	6.6	4.4	5.7
28	10.1	9.3	9.7	8.8	7.7	8.3	8.6	7.4	8.1	6.5	4.5	5.8
29	9.7	8.2	8.8	8.9	7.4	8.3	8.7	7.0	8.1	6.4	4.6	5.8
30	---	---	---	8.5	6.7	7.9	8.8	7.0	8.1	6.7	5.0	6.1
31	---	---	---	8.2	6.7	7.7	---	---	---	6.8	5.3	6.2
MONTH	13.6	8.2	11.6	9.5	6.7	8.3	9.3	6.3	7.9	8.8	4.4	6.5

