

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.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 53,600 microsiemens, July 23, 2000; minimum, 3,740 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 36.0°C, Aug. 1, 1999; minimum, 5.5°C, Jan. 29-31, 2000.

DISSOLVED OXYGEN: Maximum, 12.7 mg/L, Feb. 6, 2000; minimum, 1.9 mg/L, Jun. 29, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 53,600 microsiemens, July 23; minimum, 33,800 microsiemens Oct. 21.

WATER TEMPERATURE: Maximum, 33.5°C, July 19, 20, 22; minimum, 5.5°C, Jan. 29-31.

DISSOLVED OXYGEN: Maximum, 12.7 mg/L, Feb. 6; minimum, 2.6 mg/L, July 18, 19, 24.

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	48500	45500	47000	46300	43500	45000	45800	43900	45100	46500	43900	45400
2	48500	45600	47000	46100	39800	44300	46100	44100	45300	46400	44100	45400
3	48100	45700	46700	45800	40100	44400	46100	44300	45400	46600	43800	45500
4	47600	44000	46400	46000	42500	44900	46100	44300	45500	46600	43900	45500
5	47800	44000	46000	46000	43100	45000	46300	44400	45600	46700	43200	45400
6	47700	44200	46100	46100	43500	45100	46400	43900	45400	46900	43900	45700
7	47600	44700	46100	46200	43900	45300	46400	43300	45300	46800	43600	45600
8	47600	45100	46300	46400	43900	45500	46500	43800	45500	46800	43800	45600
9	47600	45000	46200	46400	44500	45500	46600	44100	45600	46900	43900	45500
10	47600	45100	46200	46400	44600	45500	46500	44100	45600	46700	43400	45400
11	47700	45200	46400	---	---	---	46500	44500	45700	46600	43700	45300
12	47700	43600	46000	46400	44500	45400	46500	44600	45700	46800	43600	45500
13	46900	43400	45000	---	---	---	46500	44500	45600	46800	43900	45600
14	46800	43300	45100	46200	43800	45300	46300	42900	45000	46700	43900	45700
15	46500	44400	45400	46500	44600	45700	46200	43000	45000	47000	44200	45600
16	46200	43900	45000	46400	44800	45700	46200	42900	45000	46900	44200	45600
17	45500	37500	42500	46300	45000	45700	46300	43400	45300	47200	44100	46000
18	43800	38100	41500	---	---	---	46300	43700	45400	47400	44200	46000
19	45100	38800	42600	46300	44900	45600	46200	40600	44200	47600	44400	46000
20	45200	38000	42900	46400	44800	45800	45700	39000	43400	47300	44300	45900
21	44500	33800	41000	46500	44800	45800	45700	39600	43700	47600	44900	46300
22	45100	34200	41400	---	---	---	45600	40900	43800	47800	44800	46500
23	45300	36500	42300	46600	45200	45900	45600	41600	44000	47800	45000	46400
24	45900	39300	43500	46600	45100	45800	45600	42300	44200	47400	44100	45700
25	46000	41100	44100	46600	45100	45800	45900	43100	44500	46800	41000	44100
26	46200	42400	44600	46500	39800	44500	45700	42900	44500	46600	38900	43400
27	46400	43200	44900	46100	40200	44200	46000	43400	44800	46700	39200	43700
28	46500	43600	45100	46200	42000	44600	46000	43600	45100	46600	42200	44700
29	46500	44000	45200	46100	42900	44900	46400	43900	45200	46400	39800	43700
30	46500	44300	45300	45900	43600	45000	46300	44000	45300	44200	36200	41100
31	46300	44200	45200	---	---	---	46300	43900	45400	44100	37800	41300
MONTH	48500	33800	44800	46600	39800	45200	46600	39000	45000	47800	36200	45100

BROAD RIVER BASIN

02176587 ALBERGOTTI CREEK 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	25.5	23.0	24.7	20.5	20.0	20.2	15.0	11.5	13.3	12.0	10.5	11.3
2	25.0	23.0	24.3	21.5	19.5	20.5	13.0	10.5	12.2	14.5	11.5	12.3
3	25.5	23.5	24.6	19.5	16.0	17.9	13.5	11.0	12.3	15.0	12.0	13.2
4	25.5	24.0	24.8	17.5	15.5	16.4	14.5	12.0	13.1	16.5	13.0	14.3
5	24.5	23.0	23.8	18.0	15.5	16.4	15.5	13.5	14.0	16.0	12.5	13.9
6	24.0	22.5	23.1	18.0	15.5	16.8	15.5	14.5	14.8	13.0	11.5	12.3
7	24.5	22.0	22.7	19.0	16.5	17.4	14.5	13.0	14.0	14.0	12.0	12.6
8	25.0	21.5	22.9	19.5	17.0	18.1	14.5	12.5	13.4	13.0	12.0	12.6
9	25.5	23.0	23.8	20.0	18.0	18.8	15.5	13.5	14.3	14.5	12.0	13.1
10	26.5	23.5	24.7	20.5	18.5	19.4	16.0	14.5	15.3	15.5	13.5	14.2
11	26.0	24.5	25.1	21.0	19.0	19.8	16.0	14.5	15.4	15.0	13.0	14.1
12	25.0	24.5	24.7	20.0	19.0	19.4	16.0	14.5	15.4	15.0	13.0	14.2
13	24.5	23.0	24.0	19.5	17.5	18.6	17.0	15.5	16.2	15.0	13.5	14.3
14	25.5	23.0	24.2	20.0	17.5	18.8	17.5	16.5	16.8	14.5	11.5	13.0
15	24.5	23.0	23.6	19.5	17.5	18.7	16.5	15.5	16.1	12.5	10.5	11.5
16	23.5	22.0	22.9	18.5	16.0	17.3	16.0	14.0	15.1	12.0	10.0	11.3
17	23.0	22.0	22.5	17.0	14.5	15.8	15.0	13.0	13.7	12.5	11.5	12.0
18	23.5	21.5	22.5	16.0	13.5	15.1	14.0	12.5	13.2	12.0	11.5	11.9
19	23.5	22.5	22.8	16.5	15.0	15.8	13.5	12.5	13.1	12.0	11.0	11.5
20	24.5	22.5	23.1	18.0	16.0	16.6	14.5	13.0	13.7	13.0	11.0	11.8
21	23.5	20.5	21.9	17.5	17.0	17.2	14.0	13.5	13.6	11.0	9.0	10.5
22	21.5	20.0	20.9	19.0	17.0	17.6	13.5	13.5	13.5	10.5	8.5	9.6
23	20.5	19.0	20.2	20.0	17.5	18.3	13.5	13.0	13.4	10.0	9.0	9.7
24	19.5	18.0	19.0	19.5	18.0	18.8	13.0	11.5	12.6	10.0	8.5	9.5
25	19.5	17.0	18.5	20.5	18.5	19.3	13.0	10.0	11.4	9.5	7.0	8.5
26	19.5	17.0	18.7	20.5	19.0	19.8	11.5	8.5	10.1	9.0	7.0	8.0
27	20.0	17.5	19.0	20.0	18.0	18.9	11.0	8.5	10.0	8.5	6.0	7.4
28	20.5	17.5	19.3	19.0	16.5	18.0	11.0	8.5	9.8	8.0	6.0	6.7
29	20.5	18.0	19.3	18.5	16.5	17.7	10.5	8.5	9.6	6.5	5.5	5.9
30	20.0	19.0	19.6	18.0	13.0	15.9	10.5	8.5	9.8	6.0	5.5	6.0
31	20.5	19.5	19.9	---	---	---	11.0	10.0	10.4	6.5	5.5	6.1
MONTH	26.5	17.0	22.3	21.5	13.0	18.0	17.5	8.5	13.2	16.5	5.5	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	18.5	17.0	17.8	21.5	19.5	20.0	24.5	21.5	22.2
2	---	---	---	19.5	17.5	18.1	22.0	19.5	20.2	25.0	21.5	22.7
3	8.0	6.0	6.9	19.0	17.0	17.8	23.0	20.0	21.0	26.0	22.5	23.5
4	9.5	7.0	7.7	18.5	17.5	17.7	21.5	18.5	20.5	26.5	22.5	24.1
5	9.0	7.0	7.8	19.5	16.5	17.6	20.0	17.0	18.6	26.5	23.0	24.5
6	9.5	7.0	8.0	20.0	17.0	18.1	20.5	17.0	18.8	27.5	23.5	25.2
7	10.0	7.5	8.6	20.5	17.0	18.6	22.0	18.0	19.7	28.0	24.0	25.6
8	10.0	8.5	9.2	21.0	17.5	19.2	21.5	18.5	20.0	28.0	24.5	25.7
9	11.5	8.5	9.8	21.5	18.0	19.7	19.5	16.5	18.2	28.0	25.0	25.9
10	12.0	9.5	10.5	21.5	19.0	20.0	20.0	17.0	18.5	28.0	25.5	26.2
11	13.0	10.0	11.3	22.5	19.5	20.7	21.0	18.0	19.4	28.0	25.5	26.7
12	14.0	11.5	12.4	21.0	18.0	19.6	22.5	19.5	20.6	28.5	26.5	27.3
13	13.5	12.0	12.7	19.0	16.0	17.7	21.5	18.0	20.0	28.5	26.5	27.5
14	15.5	12.5	13.7	18.0	16.0	17.4	18.5	16.5	17.5	28.5	27.0	27.4
15	15.5	13.0	13.9	18.5	16.5	17.5	18.5	16.5	17.5	27.5	26.0	26.7
16	15.0	13.0	13.8	19.5	17.5	18.4	21.5	18.0	19.2	27.5	25.5	26.1
17	15.5	13.0	14.0	21.0	18.5	19.2	24.0	19.5	20.9	27.5	24.5	25.9
18	17.0	13.0	14.3	19.5	16.0	17.7	22.5	20.0	21.1	28.5	24.5	26.2
19	17.5	14.0	15.5	16.5	15.0	16.0	23.5	19.5	21.1	29.0	25.0	26.7
20	17.0	14.5	15.6	20.0	16.0	17.2	24.5	20.5	22.1	29.5	25.5	27.1
21	16.0	14.0	14.9	21.0	17.5	18.5	24.5	21.0	22.4	28.5	26.0	27.0
22	16.0	13.5	14.6	21.0	18.0	19.2	22.5	20.0	21.3	27.0	25.5	26.3
23	16.0	13.0	14.7	19.0	17.0	18.2	22.0	19.5	21.0	28.0	25.0	26.3
24	17.5	14.5	15.9	20.0	16.5	18.2	21.5	20.5	21.0	28.5	26.0	27.0
25	19.0	16.0	16.9	21.0	17.5	19.1	21.5	20.0	20.7	30.0	27.0	27.9
26	19.0	16.5	17.5	21.5	19.0	19.9	21.5	19.5	20.5	29.5	28.0	28.7
27	19.0	17.5	17.9	21.0	20.0	20.2	22.0	20.0	21.0	30.5	28.0	29.1
28	19.0	17.5	18.0	20.5	18.5	19.6	22.0	21.0	21.4	30.0	28.5	29.3
29	18.5	17.0	17.9	20.5	18.5	19.7	22.5	20.0	21.1	29.5	27.5	28.5
30	---	---	---	20.5	19.5	19.9	22.5	20.5	21.4	27.5	25.5	26.4
31	---	---	---	21.5	19.0	19.9	---	---	---	27.5	25.0	25.9
MONTH	19.0	6.0	13.1	22.5	15.0	18.7	24.5	16.5	20.2	30.5	21.5	26.3

BROAD RIVER BASIN

02176587 ALBERGOTTI CREEK AT 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	7.0	4.7	5.9	7.8	6.0	7.0	9.5	8.3	9.0	10.8	8.9	10.2
2	6.8	5.2	6.1	7.7	6.2	7.0	9.6	8.7	9.1	10.4	8.9	9.9
3	6.5	5.2	6.0	8.4	6.3	7.5	9.5	8.5	9.0	10.2	8.3	9.6
4	6.1	4.6	5.5	8.5	7.2	7.7	9.2	8.2	8.7	9.9	8.1	9.3
5	5.6	4.6	5.2	8.7	7.2	7.8	8.8	7.8	8.3	10.1	7.9	9.2
6	6.8	4.6	5.6	8.8	7.2	7.8	8.5	7.5	7.9	10.5	8.7	9.6
7	7.8	5.3	6.4	9.0	7.3	8.0	8.6	7.2	8.0	10.2	8.9	9.7
8	8.5	6.0	7.1	8.9	7.2	8.0	8.4	6.9	7.8	10.3	8.7	9.7
9	8.3	5.8	7.1	8.9	7.1	8.1	8.6	7.2	8.0	10.5	8.8	9.8
10	8.1	5.7	7.0	9.1	7.2	8.3	8.6	7.1	8.0	10.2	8.7	9.4
11	7.7	5.5	6.8	9.1	7.1	8.3	8.9	7.3	8.3	10.1	8.3	9.4
12	7.0	5.1	6.1	9.0	7.4	8.1	9.0	7.5	8.4	10.4	8.7	9.6
13	7.0	4.9	6.1	9.1	6.8	8.2	8.8	7.1	8.1	10.1	8.7	9.6
14	7.8	4.9	6.4	9.3	7.3	8.4	8.5	6.7	7.7	10.3	8.8	9.8
15	7.7	5.6	6.8	9.5	7.4	8.6	8.9	6.7	8.0	10.7	9.3	10.0
16	7.7	5.8	6.9	9.3	7.6	8.5	8.9	7.2	8.2	10.2	8.9	9.8
17	7.6	5.9	6.9	9.2	8.0	8.6	9.1	8.0	8.6	10.1	8.7	9.6
18	7.2	5.5	6.5	8.9	7.4	8.4	9.1	7.9	8.6	10.1	8.4	9.3
19	6.9	5.2	6.3	8.6	7.2	8.0	9.1	7.8	8.6	9.9	7.8	9.3
20	6.5	5.0	5.8	8.3	7.0	7.6	8.9	7.6	8.4	10.3	8.8	9.7
21	6.9	5.1	6.0	8.1	6.6	7.3	8.9	7.3	8.4	10.3	8.6	9.7
22	6.9	5.4	6.2	7.8	6.4	7.2	8.9	7.1	8.3	10.6	8.9	9.9
23	7.6	5.7	6.6	8.2	6.4	7.4	9.1	7.3	8.4	10.2	8.4	9.8
24	8.3	6.3	7.3	8.1	6.7	7.5	10.0	7.7	9.0	10.2	8.6	9.7
25	8.7	7.0	7.7	8.2	6.5	7.5	11.0	8.9	9.9	11.0	8.7	10.1
26	8.9	7.2	7.9	7.9	6.6	7.4	11.5	9.6	10.6	11.6	9.0	10.7
27	9.1	7.3	8.1	8.6	6.5	7.6	11.5	9.8	10.7	12.1	9.8	11.2
28	9.3	7.3	8.3	8.7	7.2	8.0	11.3	9.9	10.7	12.0	10.4	11.5
29	9.3	7.4	8.3	8.4	7.2	7.9	11.3	10.0	10.7	12.1	10.9	11.7
30	9.0	7.1	8.0	9.1	7.5	8.3	11.3	10.0	10.8	12.0	10.7	11.6
31	8.3	6.6	7.5	---	---	---	11.0	9.6	10.5	12.3	10.7	11.6
MONTH	9.3	4.6	6.7	9.5	6.0	7.9	11.5	6.7	8.9	12.3	7.8	10.0
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	9.0	7.8	8.5	8.8	7.2	8.0	9.0	7.4	8.2
2	---	---	---	9.2	7.8	8.4	8.8	7.3	8.0	9.2	7.3	8.3
3	12.6	11.6	12.2	9.2	7.8	8.4	8.9	7.3	8.0	9.5	7.2	8.2
4	12.5	11.5	12.1	8.4	7.2	7.9	8.1	7.0	7.6	9.4	6.8	8.2
5	12.6	11.4	11.9	8.8	7.2	8.1	9.4	7.2	8.2	9.1	6.8	8.0
6	12.7	11.0	11.9	9.3	7.2	8.3	9.3	7.5	8.4	9.0	6.6	7.8
7	12.5	11.3	11.9	9.7	7.5	8.5	9.3	7.5	8.4	8.4	6.5	7.6
8	12.4	10.9	11.7	9.6	7.5	8.6	8.8	7.2	8.0	8.1	6.1	7.2
9	12.0	10.6	11.5	9.4	7.5	8.6	9.1	7.4	8.3	7.5	5.7	6.4
10	12.1	10.4	11.5	9.1	7.2	8.4	9.0	7.4	8.4	7.8	5.1	6.3
11	11.8	10.2	11.1	8.9	7.2	8.2	8.9	7.4	8.3	7.7	5.6	6.8
12	11.5	9.9	10.8	8.8	7.0	8.0	8.8	7.2	8.3	7.5	5.7	6.7
13	11.2	9.3	10.5	9.2	7.7	8.5	8.3	7.1	7.8	7.5	5.6	6.4
14	11.0	7.9	9.8	9.5	7.9	8.7	8.4	7.4	7.9	7.1	5.3	6.2
15	10.5	8.4	9.8	9.3	8.1	8.8	8.1	7.3	7.7	7.1	5.0	6.2
16	10.8	8.6	9.9	9.0	7.7	8.4	8.4	6.8	7.6	7.5	5.5	6.5
17	10.4	8.2	9.6	8.5	7.5	8.0	8.7	6.7	7.6	7.4	5.4	6.4
18	10.2	8.3	9.6	9.0	7.5	8.4	8.5	6.5	7.6	7.4	5.4	6.5
19	9.9	8.2	9.4	9.2	8.0	8.8	8.9	6.4	7.9	7.2	5.3	6.5
20	10.2	8.3	9.5	9.3	8.1	8.8	8.8	6.6	7.9	6.9	4.9	6.1
21	10.8	8.9	9.9	9.0	7.1	8.3	8.4	6.6	7.7	6.5	4.4	5.7
22	11.0	9.2	10.1	9.4	7.1	8.4	8.5	6.6	7.8	6.0	4.2	5.2
23	10.9	9.4	10.2	9.3	7.9	8.7	8.4	6.7	7.8	6.5	4.0	5.6
24	10.6	8.8	10.0	9.8	7.7	8.9	8.0	6.7	7.5	6.6	4.5	5.8
25	10.4	8.9	9.8	9.9	8.0	9.1	8.4	6.2	7.4	6.5	4.8	5.9
26	10.3	8.8	9.6	9.9	8.2	9.1	8.7	7.2	8.0	6.2	4.6	5.6
27	9.8	8.6	9.4	9.2	7.9	8.6	9.1	7.7	8.3	6.0	4.0	5.3
28	9.8	8.2	9.2	9.3	7.6	8.5	8.6	7.6	8.3	5.9	4.4	5.4
29	9.2	7.6	8.6	9.5	8.1	8.8	8.7	7.8	8.3	6.3	4.6	5.5
30	---	---	---	8.8	7.3	8.1	8.6	7.6	8.1	7.1	5.4	6.1
31	---	---	---	8.2	7.0	7.7	---	---	---	7.9	5.7	6.6
MONTH	12.7	7.6	10.4	9.9	7.0	8.5	9.4	6.2	8.0	9.5	4.0	6.6

