

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to September 1999.

WATER TEMPERATURE: October 1998 to September 1999.

DISSOLVED OXYGEN: October 1998 to September 1999.

INSTRUMENTATION.--Hydrolab and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 53,200 microsiemens, Aug. 26, 27, 31, Sep. 1, 2000; minimum, 10,600 microsiemens Jun. 29, 1999.

WATER TEMPERATURE: Maximum, 35.0°C, Aug. 1, 2, 1999; minimum, 5.5°C, Jan. 31, 2000.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Feb. 2, 2000; minimum, 2.4 mg/L, Aug. 18, Sep. 4, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 53,200 microsiemens, Aug. 26, 27, 31, Sep. 1; minimum, 38,700 microsiemens Apr. 2.

WATER TEMPERATURE: Maximum, 32.5°C, July 18-22; minimum, 5.5°C, Jan. 31.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Feb. 2; minimum, 3.4 mg/L, Aug. 19.

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	49400	46300	47900	47200	43800	45700	46500	45200	46000	---	---	---
2	49200	45400	47600	46900	43700	45400	46700	45400	46100	48000	46800	47500
3	48500	45300	47100	47200	43500	45800	46600	45400	46000	48200	46500	47400
4	47900	43800	46300	47300	45200	46500	46500	45400	46000	48300	46900	47700
5	48000	44400	46400	46800	45500	46300	---	---	---	48400	46700	47900
6	48300	44300	46700	46800	45400	46300	---	---	---	48600	47000	47900
7	48700	45400	47100	46900	45200	46100	---	---	---	48700	46800	48000
8	49200	45600	47400	47100	44800	46200	46000	44700	45300	48700	46600	47900
9	49500	46000	47700	47000	44700	45900	46200	44900	45500	48800	47100	48000
10	49000	46100	47800	47200	44700	46200	46100	45000	45600	48600	47000	47800
11	49800	46700	48300	46900	45600	46500	46200	45100	45700	48500	47000	47800
12	49800	46800	48100	47000	45500	46300	46200	45100	45700	48600	47100	47900
13	49100	46100	47500	47100	45400	46400	46200	44800	45400	48600	47300	48100
14	49100	46500	47700	47100	45400	46200	45700	44200	45100	48600	46800	48000
15	48200	44400	46800	46900	45200	46200	45900	44900	45500	48900	47200	48200
16	47300	44800	46100	47100	45300	46400	46000	45200	45700	49000	47400	48300
17	46000	42600	43900	47100	45300	46400	46100	45400	45800	49100	47200	48400
18	45700	43000	44200	47200	45500	46500	46300	45500	45900	49200	47300	48400
19	45900	43300	44500	---	---	---	46200	43700	45200	49200	47000	48300
20	46300	42300	44400	---	---	---	45800	43200	44700	49200	47100	48300
21	46100	42300	44000	---	---	---	45800	43600	44700	49500	47400	48600
22	46600	42300	44400	47400	46000	46800	45700	43700	44600	49600	47300	48700
23	46700	43300	45000	47600	44800	46600	45700	44100	44800	49600	47100	48600
24	47200	43400	45500	47400	45500	46600	46000	44400	45100	49500	46200	48000
25	47400	44100	45800	47200	45100	46300	46200	44600	45400	49300	45600	47700
26	47600	44300	45800	46900	43800	45600	46600	44900	45700	49000	46600	47800
27	47700	44500	46200	46500	44300	45500	46900	45500	46200	49500	46900	48400
28	47700	45100	46100	46400	45000	45700	47200	46200	46700	49400	46200	48100
29	47400	44500	46000	46300	44800	45600	47200	46000	46700	49300	45100	47600
30	47500	44500	46100	46200	44800	45700	---	---	---	47900	43500	45800
31	47400	44500	45800	---	---	---	---	---	---	48000	44000	46200
MONTH	49800	42300	46300	47600	43500	46100	47200	43200	45600	49600	43500	47900



## BROAD RIVER BASIN

02176589 BEAUFORT RIVER ABOVE 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	23.5	24.5	20.5	20.0	20.0	16.0	13.0	14.5	11.5	10.5	11.0
2	25.0	23.5	24.5	20.5	19.5	20.5	14.5	12.0	13.5	12.5	11.5	12.0
3	25.0	24.0	24.5	19.5	17.0	18.5	14.0	12.5	13.0	13.0	12.0	12.5
4	25.0	24.5	24.5	18.0	16.0	17.0	14.0	13.0	13.5	14.5	12.5	13.5
5	24.5	23.5	24.0	17.5	16.5	17.0	14.5	13.5	14.0	14.5	13.0	13.5
6	23.5	23.0	23.0	17.5	16.5	17.0	15.0	14.5	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	14.0	13.0	12.0	12.5
8	23.5	22.0	22.5	19.0	17.5	18.0	14.0	13.0	13.5	12.5	12.0	12.5
9	24.5	23.0	23.5	19.5	18.0	18.5	15.0	13.5	14.0	14.0	12.5	13.0
10	25.0	23.5	24.0	20.0	18.5	19.0	16.0	14.5	15.0	14.5	13.0	13.5
11	25.0	24.0	24.5	20.5	19.0	19.5	15.5	15.0	15.0	14.5	13.0	14.0
12	25.0	24.0	24.5	20.0	19.0	19.5	16.0	14.5	15.5	14.5	13.5	14.0
13	24.5	23.5	24.0	19.5	18.0	19.0	16.5	15.5	16.0	15.0	13.5	14.0
14	25.0	23.5	24.0	19.5	18.5	19.0	17.0	16.0	16.5	14.5	12.5	13.0
15	24.0	23.0	23.5	19.5	18.5	19.0	16.5	15.5	16.0	13.0	11.0	12.0
16	23.5	22.5	23.0	18.5	17.0	18.0	16.0	14.5	15.5	12.0	10.5	11.5
17	23.0	22.0	22.5	17.5	15.5	16.5	15.0	13.5	14.5	12.5	12.0	12.0
18	23.0	22.0	22.5	16.5	14.5	16.0	14.5	13.0	13.5	12.5	11.5	12.0
19	23.0	22.5	22.5	17.0	15.5	16.0	14.0	13.0	13.5	12.0	11.5	11.5
20	23.5	22.5	23.0	17.5	16.0	16.5	14.0	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	11.5	10.0	11.0
22	22.0	20.5	21.0	18.0	17.0	17.5	14.0	13.5	13.5	10.5	9.5	10.0
23	21.0	20.0	20.5	19.0	17.5	18.0	13.5	13.5	13.5	10.5	9.5	10.0
24	20.0	18.5	19.5	19.0	18.0	18.5	13.5	12.0	13.0	10.5	9.0	9.5
25	19.5	18.0	19.0	20.0	18.5	19.0	13.0	11.0	12.0	9.5	7.5	9.0
26	19.5	18.0	19.0	20.0	19.0	19.5	12.0	10.0	11.0	9.5	7.5	8.5
27	20.0	18.0	19.0	19.5	18.5	19.0	11.0	9.5	10.5	8.5	6.5	8.0
28	20.0	18.5	19.5	19.0	17.5	18.5	11.0	9.0	10.5	8.0	6.5	7.5
29	20.0	18.5	19.5	18.5	17.0	18.0	10.5	9.0	10.0	7.0	6.0	6.5
30	20.0	19.0	19.5	18.0	15.0	16.5	10.5	9.0	10.0	6.5	6.0	6.0
31	20.0	19.5	20.0	---	---	---	11.0	10.0	10.5	6.5	5.5	6.0
MONTH	25.5	18.0	22.3	20.5	14.5	18.1	17.0	9.0	13.5	15.0	5.5	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.0	6.5	18.0	17.0	17.5	20.5	19.5	20.0	22.5	21.0	22.0
2	7.0	6.0	6.5	18.5	17.5	18.0	20.5	19.5	20.0	23.0	21.5	22.0
3	7.5	6.5	6.5	18.0	17.0	17.5	21.5	20.0	20.5	24.5	22.0	23.0
4	8.5	7.0	7.5	18.0	17.5	17.5	21.0	19.0	20.5	25.0	22.5	23.5
5	8.0	7.0	7.5	18.5	17.0	17.5	19.5	17.5	19.0	25.5	23.5	24.0
6	8.5	7.0	7.5	19.5	17.0	18.0	20.0	17.5	19.0	26.5	23.5	24.5
7	9.0	7.5	8.0	19.5	17.5	18.5	21.0	18.5	19.5	26.5	24.0	25.0
8	9.5	8.0	8.5	20.5	18.0	19.0	20.5	19.0	20.0	26.5	24.5	25.0
9	10.5	8.5	9.5	20.5	18.5	19.5	19.5	17.0	18.5	27.0	24.5	25.5
10	11.0	9.0	10.0	21.0	19.0	19.5	19.5	17.0	18.5	27.0	25.0	25.5
11	12.0	9.5	10.5	21.5	19.0	20.0	20.5	18.0	19.0	27.5	25.5	26.0
12	13.0	10.5	11.5	20.0	18.5	19.5	21.5	19.0	20.0	27.5	26.0	26.5
13	12.5	11.0	12.0	19.0	16.5	18.0	21.0	18.5	20.0	28.0	26.5	27.0
14	14.5	11.5	13.0	18.0	16.5	17.5	19.0	17.0	18.0	28.0	26.5	27.0
15	14.0	12.5	13.0	18.5	17.0	17.5	18.5	17.0	17.5	27.5	26.0	26.5
16	14.5	12.5	13.5	19.0	18.0	18.0	20.5	18.0	19.0	26.5	25.5	26.0
17	14.5	13.0	13.5	19.5	18.5	19.0	22.0	19.0	20.0	26.5	25.5	26.0
18	15.5	13.0	14.0	19.5	16.5	18.0	21.5	20.0	20.5	27.5	25.0	26.0
19	16.5	13.5	15.0	17.0	16.0	16.5	22.0	20.0	20.5	28.0	25.5	26.0
20	16.0	14.0	15.0	19.0	16.0	17.0	23.5	20.5	21.5	28.0	26.0	26.5
21	15.5	14.0	14.5	19.5	17.5	18.0	23.0	21.0	22.0	27.5	26.0	26.5
22	15.5	14.0	14.5	20.0	18.0	19.0	22.0	20.0	21.0	26.5	26.0	26.0
23	15.5	13.5	14.5	19.0	18.0	18.0	22.0	20.0	21.0	27.5	25.0	26.0
24	17.0	14.5	15.5	19.5	17.0	18.0	21.0	20.5	21.0	28.0	26.0	27.0
25	18.0	15.5	16.5	20.5	18.0	19.0	21.0	20.0	20.5	28.5	26.5	27.5
26	18.0	16.0	17.0	20.5	18.5	19.5	21.5	19.5	20.5	29.0	27.5	28.0
27	18.0	16.5	17.5	20.5	19.5	20.0	22.0	20.0	21.0	29.5	28.0	28.5
28	18.5	17.0	17.5	20.0	18.5	19.5	21.5	21.0	21.0	29.5	28.5	29.0
29	18.0	17.0	17.5	20.5	19.0	19.5	21.5	20.5	21.0	29.0	28.0	28.5
30	---	---	---	20.0	19.5	19.5	22.0	20.5	21.0	28.0	25.5	27.0
31	---	---	---	20.0	19.0	19.5	---	---	---	26.5	25.5	26.0
MONTH	18.5	6.0	12.2	21.5	16.0	18.5	23.5	17.0	20.0	29.5	21.0	25.9



## BROAD RIVER BASIN

02176589 BEAUFORT RIVER ABOVE 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	6.4	4.7	5.6	7.4	6.5	7.0	8.9	6.9	8.1	10.5	8.8	9.8
2	6.1	5.1	5.7	7.1	6.3	6.7	8.9	7.1	8.2	10.6	9.1	9.9
3	6.1	5.0	5.6	7.7	6.4	7.1	8.7	7.2	8.1	10.7	9.2	9.9
4	5.8	4.8	5.4	8.2	7.2	7.7	8.6	7.0	7.8	10.0	9.0	9.6
5	5.6	4.7	5.2	8.6	7.1	7.8	8.0	7.0	7.7	10.2	8.4	9.4
6	6.2	4.8	5.6	8.6	7.2	7.9	8.2	6.7	7.6	10.5	9.1	9.7
7	7.0	5.3	6.2	8.8	7.1	8.0	8.7	6.8	7.8	10.6	9.1	9.9
8	7.7	6.1	6.7	8.7	7.3	8.0	9.1	7.3	8.2	10.7	9.4	10.1
9	7.9	6.2	6.9	8.8	7.2	8.1	9.1	7.9	8.5	10.8	9.5	10.2
10	7.9	6.1	6.9	8.8	7.5	8.1	9.1	7.8	8.6	10.5	9.5	10.1
11	7.3	6.0	6.7	8.9	7.1	8.2	9.5	8.1	8.8	10.6	9.1	10.0
12	6.7	5.7	6.1	8.4	7.3	8.1	9.7	8.1	9.0	10.7	9.5	10.2
13	6.6	5.3	6.0	8.8	6.7	8.1	9.1	8.2	8.8	10.3	9.0	9.9
14	7.1	5.4	6.2	9.0	7.4	8.4	9.0	7.8	8.6	10.1	8.7	9.6
15	7.3	5.6	6.5	9.1	7.6	8.5	9.3	7.6	8.5	10.1	9.0	9.7
16	7.3	6.2	6.8	9.0	7.4	8.4	9.1	7.9	8.6	10.0	9.0	9.7
17	7.5	6.6	7.1	8.8	7.1	8.3	9.4	8.0	8.7	9.9	8.8	9.6
18	7.2	6.4	6.8	8.8	7.5	8.2	9.1	7.9	8.7	9.9	8.4	9.4
19	6.7	5.9	6.4	8.4	7.4	8.1	9.1	8.4	8.9	9.6	8.4	9.2
20	6.3	5.6	5.9	8.5	7.5	8.0	9.0	8.1	8.6	10.0	8.8	9.4
21	6.3	5.4	5.9	8.6	7.4	7.9	9.0	8.1	8.5	10.4	8.7	9.6
22	6.5	5.6	6.1	8.4	7.1	7.8	8.9	8.1	8.6	10.5	8.9	9.9
23	7.1	5.8	6.4	8.0	6.7	7.4	9.1	8.1	8.6	10.5	9.1	10.0
24	7.8	6.3	6.9	7.6	6.7	7.2	9.8	8.2	9.0	10.4	8.9	9.9
25	7.9	6.6	7.1	7.9	6.4	7.2	10.6	8.6	9.6	11.1	9.5	10.3
26	8.2	6.6	7.2	7.7	6.4	7.1	11.0	9.1	10.1	11.5	9.5	10.7
27	8.2	6.3	7.1	8.2	6.1	7.2	11.1	9.2	10.3	11.7	9.8	11.0
28	8.3	6.5	7.3	8.4	6.4	7.5	11.2	9.3	10.4	11.6	10.2	11.2
29	8.5	6.8	7.5	8.2	6.5	7.5	11.0	9.4	10.5	12.0	10.1	11.4
30	8.2	6.8	7.5	8.7	6.5	7.7	10.9	9.4	10.3	11.9	10.7	11.5
31	7.8	6.8	7.4	---	---	---	10.6	9.2	9.9	12.2	10.9	11.6
MONTH	8.5	4.7	6.5	9.1	6.1	7.8	11.2	6.7	8.8	12.2	8.4	10.1
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.4	10.9	11.8	8.8	7.7	8.4	8.3	7.0	7.7	7.3	6.4	6.8
2	12.6	11.2	12.0	9.0	8.2	8.6	8.4	7.3	7.8	7.3	6.2	6.8
3	12.1	11.3	11.8	8.9	7.9	8.5	8.5	7.2	7.9	7.4	6.0	6.7
4	11.8	11.2	11.6	8.6	8.1	8.4	8.3	7.2	7.8	7.7	5.8	6.8
5	11.9	11.2	11.6	9.1	7.9	8.5	9.0	7.6	8.1	7.7	5.9	6.7
6	12.0	11.4	11.7	8.9	7.6	8.4	9.4	7.8	8.4	6.8	4.9	6.0
7	12.0	11.4	11.8	9.2	7.6	8.2	9.3	7.9	8.4	6.1	4.5	5.3
8	12.0	11.3	11.7	8.7	7.2	7.9	9.3	7.9	8.5	6.2	4.5	5.4
9	12.0	11.3	11.7	9.2	7.4	8.2	9.6	8.4	8.8	7.4	5.4	6.3
10	12.0	11.2	11.6	8.4	7.3	7.8	9.7	8.3	8.8	7.7	6.0	6.9
11	12.0	10.9	11.5	8.5	7.1	7.9	9.4	8.3	8.7	7.6	5.9	6.8
12	11.7	10.6	11.2	9.0	7.6	8.3	8.9	7.9	8.4	7.7	5.8	6.7
13	11.6	10.0	10.9	9.2	7.7	8.4	8.2	7.3	7.8	7.3	5.7	6.4
14	11.5	9.2	10.4	9.1	8.0	8.7	8.0	7.6	7.8	6.9	5.1	5.9
15	11.1	9.4	10.3	8.8	8.3	8.6	7.9	7.4	7.6	6.4	4.6	5.7
16	11.0	10.2	10.6	8.7	8.0	8.3	8.1	7.1	7.6	6.0	4.6	5.5
17	10.8	9.8	10.4	8.4	7.7	8.0	8.4	7.2	7.7	5.9	4.4	5.4
18	10.7	10.0	10.4	8.7	7.6	8.3	8.5	7.1	7.7	6.2	4.8	5.5
19	10.5	9.7	10.2	9.0	8.1	8.6	8.7	7.0	7.7	---	---	---
20	10.7	9.6	10.2	9.2	8.1	8.7	8.5	6.7	7.6	6.4	4.5	5.6
21	11.0	9.8	10.4	9.1	7.6	8.4	8.2	6.8	7.4	6.5	5.0	5.8
22	11.3	10.0	10.6	9.5	7.7	8.5	8.2	6.9	7.5	6.4	5.1	5.6
23	11.3	10.2	10.7	9.2	7.9	8.6	8.3	6.7	7.3	6.8	4.9	5.8
24	11.5	10.2	10.6	9.8	7.9	8.7	7.6	6.8	7.3	7.0	5.2	6.0
25	11.0	10.1	10.5	9.9	8.2	8.9	8.1	7.0	7.5	7.1	5.2	6.3
26	10.8	9.8	10.3	9.6	8.1	8.8	8.6	7.1	7.8	6.9	4.8	6.0
27	10.5	9.6	10.1	8.9	7.6	8.5	8.6	7.5	8.0	6.6	4.8	5.9
28	10.2	9.1	9.8	8.9	7.5	8.3	8.2	7.4	7.8	6.5	5.2	6.0
29	9.5	7.9	8.7	9.0	7.8	8.4	7.6	6.7	7.3	6.5	5.3	5.9
30	---	---	---	8.5	7.0	8.0	7.3	6.6	6.9	7.0	5.6	6.4
31	---	---	---	8.0	7.0	7.5	---	---	---	7.4	5.8	6.5
MONTH	12.6	7.9	10.9	9.9	7.0	8.4	9.7	6.6	7.9	7.7	4.4	6.1

