

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1984 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to September 1995 (discontinued).

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: April 1986 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, 270 microsiemens, Jun. 2, 1985; minimum, 40 microsiemens, many days 1983, 1984, 1985.

pH: Maximum, 7.8 units, Sep. 1, 2, 11, 1986; minimum, 5.0 units, Aug. 16, 1987.

WATER TEMPERATURE: Maximum, 32.5°C, Aug. 5, 1987, Aug. 1, 2, 1999; minimum, 0.5°C, Dec. 26-28, 1989.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 29, 30, 2000; minimum, 0.0 mg/L, Sep. 12-31, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.5°C, July 21; minimum, 2.5°C, Jan. 28, 29.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 29, 30; minimum, 0.3 mg/L, Oct. 13.

TEMPERATURE, WATER (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	22.0	21.5	22.0	17.5	16.5	17.0	14.0	12.5	13.5	8.0	7.5	8.0
2	22.0	21.0	21.5	18.5	17.5	18.0	12.5	11.5	12.0	8.5	8.0	8.5
3	22.0	21.5	22.0	18.0	16.0	17.0	11.5	11.5	11.5	9.0	8.5	9.0
4	22.0	22.0	22.0	16.0	15.0	15.5	12.0	11.0	11.5	10.5	9.0	10.0
5	22.0	21.5	21.5	15.0	14.5	15.0	12.0	11.0	11.5	10.5	10.0	10.5
6	21.5	21.0	21.0	15.0	14.0	14.5	12.5	11.5	12.0	10.5	10.0	10.5
7	21.0	20.5	20.5	15.5	14.5	15.0	12.5	11.5	12.0	11.0	10.0	10.5
8	20.5	20.0	20.5	15.5	14.5	15.0	12.0	11.5	12.0	11.0	10.0	10.5
9	21.0	20.5	20.5	15.5	15.0	15.0	12.0	11.5	12.0	11.0	10.5	10.5
10	21.5	21.0	21.0	16.0	15.0	15.5	12.5	11.5	12.0	12.0	11.0	11.5
11	22.0	21.5	21.5	16.5	15.5	16.0	12.5	12.0	12.0	12.0	11.5	11.5
12	21.5	21.5	21.5	16.5	16.0	16.5	12.0	11.5	12.0	12.0	11.5	12.0
13	21.5	21.0	21.0	16.5	16.0	16.0	12.5	12.0	12.5	12.5	11.5	12.0
14	21.0	20.5	21.0	16.5	15.5	16.0	13.5	12.5	13.0	12.0	11.0	11.5
15	21.0	20.0	20.5	16.5	15.5	16.0	13.5	13.0	13.0	11.0	10.0	10.5
16	20.5	20.0	20.5	15.5	14.5	15.0	13.0	12.5	13.0	10.0	9.5	10.0
17	21.0	20.5	21.0	14.5	13.0	14.0	12.5	12.0	12.5	10.0	9.0	9.5
18	21.5	21.0	21.0	13.0	12.5	13.0	12.0	11.5	12.0	9.5	8.0	8.5
19	21.5	20.5	21.0	13.5	13.0	13.0	11.5	11.0	11.5	8.0	7.5	8.0
20	21.0	20.5	21.0	14.0	13.5	13.5	12.0	11.5	12.0	8.5	7.5	8.0
21	21.0	19.5	20.0	14.5	14.0	14.5	12.0	11.5	12.0	8.0	7.5	8.0
22	19.5	18.5	19.0	15.5	14.5	15.0	12.0	11.5	12.0	7.5	6.5	7.0
23	18.5	18.0	18.5	16.5	15.5	16.0	12.0	11.0	11.5	6.5	6.0	6.5
24	18.0	17.0	17.5	17.0	16.0	16.5	11.5	10.5	11.0	6.5	6.0	6.0
25	17.0	16.0	16.0	17.5	16.5	17.0	10.5	9.0	10.0	6.0	4.5	5.0
26	16.0	15.5	15.5	17.5	17.0	17.0	9.0	8.0	8.5	4.5	3.5	4.0
27	16.0	15.5	15.5	17.0	16.5	17.0	8.0	7.5	8.0	3.5	3.0	3.5
28	16.0	15.5	15.5	16.5	16.0	16.5	8.0	7.5	7.5	3.0	2.5	3.0
29	16.0	15.0	15.5	16.0	15.5	16.0	7.5	7.0	7.5	3.0	2.5	3.0
30	16.5	16.0	16.0	15.5	14.0	15.0	7.5	7.0	7.5	3.5	3.0	3.0
31	17.0	16.5	16.5	---	---	---	8.0	7.5	7.5	3.5	3.5	3.5
MONTH	22.0	15.0	19.6	18.5	12.5	15.6	14.0	7.0	11.2	12.5	2.5	8.2

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OXYGEN DISSOLVED (MG/L), 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	1.8	1.6	1.7	2.5	2.0	2.3	5.2	4.3	4.8	9.0	8.1	8.5
2	1.7	1.5	1.6	2.6	2.0	2.4	5.7	4.8	5.3	8.8	8.2	8.5
3	1.5	1.4	1.4	2.3	1.9	2.2	6.0	4.9	5.5	9.0	8.2	8.5
4	1.7	1.2	1.4	2.7	2.0	2.4	6.1	5.3	5.7	8.9	8.1	8.5
5	1.6	1.2	1.4	2.8	2.4	2.6	6.4	5.4	5.9	8.8	7.7	8.3
6	1.2	.9	1.1	3.0	2.6	2.8	6.2	5.3	5.7	8.9	8.1	8.5
7	1.2	.9	1.0	3.2	2.8	3.0	6.3	5.4	5.8	8.8	8.1	8.5
8	1.1	.8	.9	3.2	3.0	3.1	6.5	5.5	6.1	8.5	7.9	8.2
9	1.0	.6	.8	3.2	2.9	3.1	6.8	6.0	6.3	8.6	7.7	8.1
10	1.0	.5	.7	3.1	2.9	3.0	6.8	6.0	6.3	8.4	7.4	8.0
11	.8	.4	.7	3.1	2.9	3.0	7.0	5.8	6.4	8.3	7.1	7.8
12	.8	.4	.7	3.2	2.8	3.0	6.9	6.2	6.6	8.4	7.5	7.9
13	.8	.3	.6	3.1	2.7	2.9	7.1	6.2	6.7	8.3	8.0	8.1
14	.8	.4	.6	3.1	2.6	2.9	7.1	6.6	6.9	8.9	8.1	8.4
15	.9	.4	.7	3.3	2.8	3.0	7.0	6.4	6.7	9.1	8.4	8.7
16	1.0	.6	.8	3.6	2.8	3.3	7.2	6.6	6.9	9.1	8.5	8.8
17	3.0	.8	2.1	3.7	3.3	3.5	7.2	6.4	6.9	9.3	8.5	8.9
18	2.9	1.4	2.2	3.9	3.6	3.7	7.7	6.6	7.1	9.4	8.8	9.2
19	1.5	1.0	1.3	3.9	3.7	3.9	8.3	6.9	7.8	9.5	9.1	9.3
20	1.4	.9	1.1	3.9	3.8	3.9	8.1	6.9	7.5	9.6	9.3	9.4
21	1.6	.8	1.3	4.2	3.9	4.1	7.5	6.7	7.1	9.8	9.1	9.4
22	1.4	1.0	1.3	4.4	4.0	4.2	7.3	6.6	6.9	10.1	9.4	9.6
23	1.3	1.1	1.2	4.4	3.8	4.1	7.1	6.6	6.9	10.3	9.6	9.9
24	1.6	1.1	1.3	4.3	3.5	3.9	7.2	6.7	7.0	10.3	9.7	9.9
25	1.6	1.3	1.4	4.1	3.6	3.8	7.8	6.7	7.3	10.6	10.2	10.4
26	1.8	1.4	1.6	4.0	3.4	3.7	8.0	7.4	7.8	10.8	10.5	10.7
27	1.8	1.5	1.7	4.0	3.3	3.7	8.1	7.5	7.9	11.0	10.8	10.9
28	2.3	1.6	1.9	4.0	3.5	3.8	8.5	7.9	8.1	11.2	10.9	11.1
29	2.5	2.0	2.2	4.2	3.6	4.0	8.3	7.9	8.1	11.4	11.2	11.3
30	2.6	2.0	2.4	4.6	3.8	4.2	8.4	7.9	8.2	11.4	11.3	11.4
31	2.6	2.1	2.4	---	---	---	8.6	8.1	8.4	11.3	11.2	11.3
MONTH	3.0	.3	1.3	4.6	1.9	3.3	8.6	4.3	6.8	11.4	7.1	9.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.3	11.2	11.2	6.8	6.3	6.5	5.5	5.2	5.4	6.8	5.3	5.8
2	11.2	11.1	11.2	6.7	6.3	6.4	5.5	5.2	5.3	6.7	5.4	5.8
3	11.2	11.0	11.1	7.2	6.1	6.6	5.4	5.0	5.3	6.6	5.2	5.7
4	11.1	10.9	11.0	7.2	6.2	6.6	5.4	4.9	5.1	6.7	5.2	5.8
5	11.0	10.7	10.8	6.9	6.2	6.5	5.2	4.8	5.0	6.2	5.0	5.4
6	10.8	10.4	10.6	6.7	6.4	6.5	5.6	5.0	5.3	5.9	4.9	5.3
7	10.5	10.0	10.3	7.0	6.3	6.5	5.6	5.3	5.4	5.9	4.9	5.3
8	10.2	9.6	9.9	7.0	6.4	6.6	5.7	5.2	5.4	5.9	5.0	5.3
9	10.0	9.4	9.8	6.7	6.6	6.7	5.5	5.3	5.4	5.9	5.0	5.3
10	9.7	9.1	9.5	6.9	6.5	6.6	5.6	5.3	5.4	5.8	5.1	5.4
11	9.4	8.4	9.1	7.0	6.3	6.5	5.6	5.3	5.4	5.5	5.0	5.2
12	8.6	7.6	8.2	7.1	6.4	6.7	5.7	5.3	5.4	5.4	4.8	5.1
13	8.1	7.8	7.9	6.8	6.4	6.6	5.8	5.1	5.5	5.2	4.7	5.0
14	8.2	7.5	8.0	7.0	6.4	6.6	6.3	5.6	5.8	5.2	4.5	4.9
15	7.7	7.4	7.6	7.0	6.3	6.6	6.9	5.8	6.0	5.4	4.6	5.0
16	7.7	7.3	7.5	6.9	6.2	6.5	6.6	5.5	5.6	5.4	4.7	5.0
17	7.7	7.4	7.6	6.7	6.3	6.5	6.6	5.2	5.4	5.4	4.7	5.0
18	7.9	7.3	7.6	7.2	6.4	6.7	6.6	4.9	5.4	5.3	4.6	4.9
19	7.5	6.8	7.2	7.2	6.6	6.9	6.5	5.0	5.5	5.2	4.7	5.0
20	7.1	6.5	6.8	7.6	6.4	7.1	6.5	5.1	5.6	5.2	4.9	5.1
21	7.1	6.5	6.8	7.4	6.2	6.5	6.5	4.9	5.6	5.3	5.0	5.2
22	7.1	6.7	6.9	6.3	5.8	6.1	5.8	4.7	5.0	5.4	5.0	5.2
23	7.0	6.7	6.9	6.4	5.8	6.2	5.7	4.7	5.1	5.8	4.9	5.3
24	6.9	6.6	6.7	6.6	5.8	6.1	6.2	4.8	5.2	5.7	4.9	5.4
25	6.7	6.4	6.5	6.1	5.7	5.9	6.3	4.7	5.3	5.5	5.0	5.3
26	6.6	6.3	6.5	5.9	5.6	5.7	5.8	4.7	5.2	5.4	4.9	5.2
27	6.6	6.3	6.5	5.7	5.3	5.5	5.9	4.9	5.5	5.3	4.9	5.1
28	6.6	6.2	6.4	5.9	5.3	5.6	5.8	5.0	5.4	5.3	4.7	5.0
29	6.7	6.3	6.4	5.7	5.4	5.6	6.5	5.0	5.5	5.6	4.7	5.1
30	---	---	---	5.5	5.2	5.4	6.8	5.1	5.7	6.2	5.0	5.6
31	---	---	---	5.5	5.2	5.4	---	---	---	6.1	5.3	5.8
MONTH	11.3	6.2	8.4	7.6	5.2	6.3	6.9	4.7	5.4	6.8	4.5	5.3

