

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1986 to September 1994 (discontinued).

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to current year.

DISSOLVED OXYGEN: February 1986 to current year.

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

REMARKS.--Temperature records rated excellent. Dissolved oxygen records rated good except for June 12 to June 24, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 310 microsiemens, Oct. 10, 23, 1986; minimum, 40 microsiemens, Mar. 10, 15, 17, 22, 1987.

pH: Maximum, 7.8 units, May 23, 1988; minimum, 5.0 units, Jul. 30, Aug. 9, 28, 1987.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 2, 1999; minimum, 0.5°C, Dec. 24 - 28, 1989.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 6, 2002; minimum, 1.1 mg/L, Oct. 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 32.6°C, July 31; minimum, 5.0°C, Jan. 5, 6.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Jan. 6; minimum, 3.2 mg/L, July 20.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.3	20.7	21.0	17.5	16.3	16.9	18.7	18.0	18.4	8.5	7.9	8.2
2	21.4	20.4	20.7	17.5	16.3	16.8	19.0	18.5	18.7	7.9	7.1	7.5
3	21.6	20.4	20.8	17.3	16.4	16.8	18.7	18.3	18.5	7.1	6.0	6.7
4	21.8	20.6	21.0	17.2	16.6	16.9	18.5	17.8	18.1	6.2	5.3	5.8
5	21.8	21.0	21.4	17.0	16.7	16.8	18.0	17.4	17.7	5.7	5.0	5.3
6	22.0	21.4	21.8	16.8	16.2	16.5	17.6	17.0	17.3	5.6	5.0	5.2
7	21.9	21.3	21.6	16.7	16.0	16.4	17.4	16.9	17.1	5.6	5.3	5.4
8	21.6	20.7	21.2	16.5	15.9	16.2	17.2	16.9	17.0	5.9	5.3	5.6
9	20.9	20.2	20.6	16.5	15.9	16.1	---	---	---	6.2	5.4	5.8
10	20.3	20.0	20.1	16.4	15.8	16.1	---	---	---	---	---	---
11	20.7	19.9	20.3	16.1	15.7	15.9	---	---	---	---	---	---
12	20.8	20.2	20.5	16.0	15.4	15.6	---	---	---	---	---	---
13	21.1	20.3	20.8	15.5	14.8	15.1	---	---	---	---	---	---
14	21.2	20.7	21.0	15.2	14.6	14.9	---	---	---	---	---	---
15	21.5	20.8	21.2	15.1	14.6	14.9	---	---	---	---	---	---
16	21.6	20.8	21.2	15.2	14.6	14.9	---	---	---	---	---	---
17	21.0	20.4	20.7	15.3	14.7	15.0	---	---	---	9.3	8.3	8.6
18	20.4	19.6	20.1	15.1	14.8	15.0	---	---	---	9.2	8.4	8.7
19	20.0	19.3	19.6	15.2	14.7	15.0	---	---	---	9.9	8.8	9.4
20	20.0	19.2	19.6	15.2	14.8	15.0	---	---	---	10.4	9.3	9.9
21	20.1	19.4	19.7	15.1	14.6	14.8	---	---	---	10.2	9.6	9.9
22	20.3	19.6	19.9	15.0	14.2	14.6	---	---	---	9.8	9.2	9.5
23	20.7	19.9	20.3	14.8	14.6	14.7	---	---	---	9.5	9.1	9.2
24	21.4	20.4	20.8	15.2	14.5	14.9	11.5	11.2	11.4	9.8	9.1	9.4
25	22.1	21.2	21.6	15.6	15.2	15.4	11.2	10.9	11.0	10.2	9.2	9.8
26	21.6	21.0	21.3	16.3	15.5	15.9	10.9	10.2	10.6	10.1	9.4	9.8
27	21.0	20.0	20.5	16.7	16.0	16.3	10.2	9.5	9.8	10.1	8.9	9.3
28	20.0	18.8	19.2	16.9	16.2	16.5	9.5	9.0	9.2	10.0	9.0	9.5
29	18.8	18.0	18.3	17.5	16.7	17.0	9.6	8.8	9.1	10.3	9.4	9.9
30	18.1	17.2	17.6	18.2	17.3	17.7	9.2	8.4	8.8	11.6	10.0	10.8
31	17.5	16.6	17.1	---	---	---	8.5	8.0	8.2	13.5	11.3	12.3
MONTH	22.1	16.6	20.4	18.2	14.2	15.8	---	---	---	---	---	---

## PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.4	13.0	14.2	11.6	10.2	10.7	19.8	18.2	18.9	23.6	23.0	23.2
2	15.4	14.0	14.9	10.8	10.1	10.3	19.5	18.1	18.9	24.9	22.9	23.6
3	14.6	13.8	14.3	11.8	10.6	11.1	20.0	18.8	19.4	25.1	23.6	24.1
4	13.8	11.9	12.9	11.8	10.8	11.3	19.7	18.6	19.3	24.6	24.0	24.3
5	11.9	10.7	11.2	11.0	10.3	10.6	18.8	18.1	18.5	24.4	23.4	23.9
6	11.0	9.6	10.3	10.6	10.0	10.2	18.1	17.4	17.7	24.0	23.2	23.7
7	10.0	9.1	9.6	11.1	10.3	10.6	17.5	16.6	17.0	23.7	23.1	23.5
8	9.4	8.9	9.2	11.4	10.7	11.1	17.0	16.5	16.8	24.4	23.2	23.8
9	9.6	9.0	9.3	12.8	10.6	11.8	17.6	16.7	17.2	25.3	23.9	24.5
10	9.9	9.2	9.6	13.9	12.2	13.2	18.4	17.6	18.1	26.2	24.8	25.5
11	10.3	9.5	10.0	14.3	13.2	13.8	19.2	18.4	18.8	26.6	25.8	26.3
12	10.5	9.6	10.1	14.6	13.5	13.9	19.6	19.0	19.3	26.9	26.0	26.3
13	10.3	9.7	10.1	15.3	13.7	14.4	20.1	19.3	19.7	27.0	25.8	26.1
14	10.6	9.9	10.2	---	---	---	20.3	19.6	20.0	26.5	25.5	25.9
15	10.2	9.8	10.0	---	---	---	21.2	20.2	20.7	26.3	25.2	25.6
16	10.0	9.4	9.7	---	---	---	22.4	20.9	21.7	26.0	24.9	25.3
17	10.4	9.4	9.9	---	---	---	23.7	22.2	22.7	25.6	24.7	25.0
18	10.1	9.5	9.8	18.0	17.1	17.6	24.3	23.0	23.5	25.3	24.5	24.9
19	10.3	9.5	9.7	17.6	16.9	17.4	24.7	23.5	24.1	24.5	23.6	24.0
20	10.9	9.7	10.2	18.0	17.1	17.5	24.9	24.2	24.6	23.6	22.8	23.1
21	12.2	10.5	11.6	18.1	17.2	17.8	25.2	24.7	24.9	22.8	21.7	22.1
22	12.5	12.0	12.3	17.4	16.3	17.0	25.5	25.0	25.2	22.0	21.0	21.5
23	12.3	11.5	12.0	16.4	15.2	16.0	25.5	24.8	25.1	---	---	---
24	11.8	11.1	11.4	15.6	14.9	15.2	24.9	23.8	24.2	---	---	---
25	12.3	11.0	11.4	16.0	15.1	15.5	24.1	23.3	23.7	---	---	---
26	12.8	11.2	11.9	16.9	15.4	16.2	23.9	22.9	23.3	---	---	---
27	13.0	11.6	12.3	18.0	16.2	17.3	23.6	22.6	23.0	---	---	---
28	12.3	10.7	11.5	18.5	16.8	17.6	24.3	22.3	23.0	---	---	---
29	---	---	---	18.4	17.0	17.6	24.3	22.7	23.4	---	---	---
30	---	---	---	17.9	17.3	17.6	23.6	22.9	23.3	---	---	---
31	---	---	---	18.7	17.2	18.0	---	---	---	---	---	---
MONTH	15.4	8.9	11.1	---	---	---	25.5	16.5	21.2	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	29.9	28.9	29.4	32.0	31.4	31.6	26.7	26.0	26.2
2	---	---	---	30.3	29.1	29.6	31.9	31.2	31.5	26.0	25.4	25.5
3	---	---	---	30.3	29.3	29.7	---	---	---	26.1	25.2	25.7
4	---	---	---	30.6	29.5	30.0	---	---	---	26.3	25.5	26.0
5	29.6	28.9	29.3	31.1	29.6	30.2	---	---	---	26.7	26.0	26.3
6	29.6	28.5	29.1	31.2	30.4	30.7	---	---	---	27.1	26.3	26.7
7	29.5	29.0	29.2	31.0	30.1	30.5	---	---	---	27.5	26.7	27.0
8	29.0	28.2	28.6	30.4	29.8	30.2	---	---	---	27.5	26.8	27.0
9	28.8	27.9	28.3	30.5	29.7	30.1	---	---	---	27.0	26.4	26.7
10	28.5	27.5	28.0	30.6	29.6	30.1	---	---	---	27.3	26.2	26.7
11	28.1	27.1	27.6	30.4	29.6	30.0	---	---	---	27.4	26.2	26.8
12	28.5	27.2	27.8	29.7	29.2	29.4	---	---	---	27.0	26.6	26.8
13	29.0	27.6	28.2	29.8	28.8	29.3	28.8	28.2	28.4	27.0	26.6	26.8
14	29.1	28.1	28.6	29.4	28.6	29.0	28.5	28.3	28.3	26.8	26.6	26.7
15	29.7	28.5	29.1	29.6	28.8	29.2	---	---	---	27.0	26.6	26.8
16	30.1	28.9	29.4	30.2	29.1	29.6	---	---	---	27.0	26.5	26.8
17	29.5	29.0	29.2	30.4	29.5	29.9	---	---	---	27.0	26.5	26.8
18	29.1	28.5	28.7	30.7	29.8	30.3	---	---	---	26.8	26.4	26.6
19	28.5	28.2	28.4	31.4	30.2	30.7	---	---	---	27.1	26.4	26.7
20	28.2	27.5	27.8	31.9	30.7	31.3	---	---	---	27.3	26.5	26.8
21	27.5	27.0	27.2	31.8	31.2	31.4	---	---	---	27.5	26.4	26.8
22	27.0	26.4	26.7	31.6	30.9	31.2	---	---	---	27.4	26.4	26.7
23	26.6	26.1	26.4	31.0	30.3	30.5	---	---	---	27.2	26.6	26.8
24	27.2	26.2	26.7	30.3	29.8	30.1	---	---	---	26.8	26.3	26.6
25	27.7	26.8	27.2	30.7	29.7	30.1	---	---	---	26.4	26.1	26.3
26	27.9	27.2	27.6	31.2	30.0	30.4	---	---	---	26.5	26.0	26.3
27	28.3	27.6	27.9	31.2	30.1	30.6	---	---	---	26.7	26.1	26.5
28	29.2	27.6	28.2	31.6	30.3	30.8	---	---	---	27.4	26.5	26.9
29	29.7	28.0	28.7	32.1	30.7	31.3	28.9	28.1	28.5	27.1	26.9	27.0
30	29.6	28.7	29.1	32.1	31.0	31.5	28.1	27.5	27.8	26.9	26.5	26.7
31	---	---	---	32.6	31.4	31.8	27.5	26.7	27.0	---	---	---
MONTH	---	---	---	32.6	28.6	30.3	---	---	---	27.5	25.2	26.6

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.2	6.6	6.9	9.1	7.8	8.4	7.2	6.9	7.0	11.5	11.0	11.3
2	7.2	6.4	6.9	9.6	8.1	8.9	7.0	6.7	6.8	11.7	11.2	11.5
3	7.2	6.7	6.9	9.7	8.8	9.3	6.9	6.6	6.8	12.2	11.6	11.9
4	6.9	6.4	6.7	9.4	8.8	9.1	6.9	6.5	6.7	12.5	11.9	12.2
5	6.6	6.4	6.5	8.9	8.3	8.7	6.9	6.5	6.7	13.0	12.3	12.6
6	6.6	6.2	6.5	8.5	7.9	8.2	7.0	6.7	6.9	13.5	13.0	13.3
7	6.6	6.4	6.5	8.2	7.6	7.9	7.2	6.7	7.0	13.3	12.8	13.1
8	6.6	6.4	6.5	8.4	7.7	8.0	7.3	6.8	7.1	13.0	12.6	12.8
9	6.6	6.4	6.5	8.0	7.5	7.8	---	---	---	12.9	12.2	12.6
10	6.6	6.4	6.5	7.8	7.3	7.6	---	---	---	12.8	12.4	12.6
11	6.6	6.4	6.5	7.6	7.2	7.4	---	---	---	---	---	---
12	7.0	6.4	6.5	7.7	7.2	7.5	---	---	---	---	---	---
13	8.1	6.4	7.3	7.8	7.4	7.6	---	---	---	---	---	---
14	8.3	7.2	7.7	7.9	7.4	7.7	---	---	---	---	---	---
15	8.7	7.7	8.2	7.9	7.4	7.7	---	---	---	---	---	---
16	8.2	7.8	8.0	7.9	7.4	7.7	---	---	---	---	---	---
17	7.8	7.5	7.7	7.8	7.5	7.7	---	---	---	10.7	10.4	10.6
18	7.8	7.2	7.5	7.8	7.3	7.6	---	---	---	10.6	10.3	10.5
19	7.9	7.1	7.5	7.7	7.3	7.5	---	---	---	10.6	10.3	10.5
20	8.0	7.2	7.6	7.7	7.3	7.5	---	---	---	10.6	10.1	10.3
21	7.9	7.0	7.5	8.1	7.4	7.8	---	---	---	10.4	10.0	10.2
22	8.6	7.4	7.9	8.1	7.7	7.9	---	---	---	10.4	10.0	10.2
23	8.6	7.6	8.0	8.0	7.6	7.9	---	---	---	10.9	10.2	10.5
24	8.6	7.4	7.9	8.0	7.7	7.9	9.9	9.4	9.7	11.2	10.2	10.7
25	7.8	6.9	7.4	8.0	7.6	7.9	9.9	9.7	9.8	11.0	10.0	10.5
26	7.1	6.5	6.9	7.8	7.3	7.7	10.0	9.7	9.9	10.7	10.1	10.4
27	7.2	6.5	6.8	7.7	7.3	7.6	10.3	9.7	10.0	10.5	9.9	10.2
28	7.5	6.7	7.1	7.7	7.2	7.6	10.4	10.0	10.2	10.4	9.6	10.0
29	8.0	7.0	7.4	7.6	7.3	7.5	10.5	9.9	10.3	9.9	9.3	9.6
30	8.5	7.4	7.9	7.5	7.1	7.3	10.7	10.0	10.5	9.5	8.5	9.0
31	8.6	7.8	8.2	---	---	---	11.1	10.6	10.9	8.6	7.2	8.0
MONTH	8.7	6.2	7.2	9.7	7.1	7.9	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.2	6.6	6.9	9.3	8.5	8.9	7.4	6.6	6.9	5.4	5.0	5.3
2	7.6	6.6	7.0	9.8	9.1	9.6	7.3	6.4	6.7	5.7	4.8	5.3
3	8.1	7.2	7.6	10.0	9.2	9.6	7.0	6.1	6.4	6.4	5.4	5.8
4	8.6	7.6	8.1	9.8	9.0	9.2	6.8	6.2	6.5	6.2	5.5	5.9
5	8.6	8.1	8.4	9.7	8.9	9.2	7.0	6.3	6.7	5.9	5.6	5.8
6	8.9	8.3	8.6	9.9	9.3	9.6	7.4	6.8	7.1	5.9	5.6	5.7
7	9.9	8.8	9.4	10.1	9.5	9.8	7.5	7.0	7.2	6.2	5.6	5.9
8	10.3	9.7	9.9	10.4	9.7	10.0	7.3	6.7	7.1	6.4	5.9	6.2
9	10.3	9.9	10.1	10.4	9.3	9.9	7.2	6.6	7.0	6.8	6.0	6.4
10	10.6	10.0	10.2	9.6	7.9	8.8	6.8	6.2	6.6	6.8	6.3	6.5
11	10.5	9.8	10.1	8.6	7.4	8.1	6.6	6.0	6.3	6.6	6.1	6.3
12	10.4	9.6	10.0	8.1	7.5	7.8	6.6	5.9	6.3	6.6	6.0	6.2
13	10.1	9.1	9.5	7.9	7.2	7.6	6.6	5.8	6.2	6.7	5.9	6.2
14	9.8	9.1	9.4	7.6	7.2	7.5	6.7	5.7	6.2	6.7	6.0	6.3
15	10.1	9.3	9.7	---	---	---	6.4	5.5	5.9	6.8	6.2	6.4
16	10.2	9.5	9.8	---	---	---	6.2	5.5	5.8	6.8	6.1	6.5
17	10.0	9.4	9.6	---	---	---	5.9	5.2	5.5	7.6	6.5	7.0
18	9.7	9.1	9.5	---	---	---	5.8	4.9	5.3	7.6	7.1	7.3
19	9.6	8.9	9.4	7.6	6.8	7.1	5.6	4.9	5.2	7.6	6.9	7.3
20	9.5	8.9	9.3	7.4	6.6	7.0	5.7	4.8	5.2	7.3	6.8	7.0
21	9.3	8.7	8.9	7.2	6.5	6.8	5.7	4.6	5.0	7.3	6.8	7.0
22	9.1	8.2	8.7	7.5	6.8	7.1	5.3	4.6	4.8	7.6	7.1	7.4
23	9.3	8.4	8.8	7.4	6.9	7.1	5.2	4.6	4.8	---	---	---
24	9.3	8.5	8.9	8.1	7.3	7.7	4.9	4.6	4.8	---	---	---
25	9.1	8.5	8.8	8.2	7.8	8.0	5.3	4.8	5.1	---	---	---
26	9.0	8.5	8.8	8.2	7.6	7.9	6.6	5.1	5.8	---	---	---
27	8.9	8.4	8.7	8.1	7.1	7.5	6.9	5.7	6.2	---	---	---
28	8.8	8.5	8.7	7.6	7.0	7.3	6.2	5.3	5.7	---	---	---
29	---	---	---	7.7	7.0	7.4	6.2	5.5	5.9	---	---	---
30	---	---	---	7.7	6.8	7.3	5.9	5.3	5.6	---	---	---
31	---	---	---	7.6	6.7	7.1	---	---	---	---	---	---
MONTH	10.6	6.6	9.0	---	---	---	7.5	4.6	6.0	---	---	---

## PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	8.3	6.1	6.9	5.1	4.6	4.9	4.4	4.0	4.2
2	---	---	---	6.7	5.7	6.1	4.7	4.3	4.5	4.3	3.6	4.0
3	---	---	---	7.8	5.7	6.5	---	---	---	4.2	3.8	4.0
4	---	---	---	6.9	5.6	6.4	---	---	---	4.7	3.9	4.3
5	8.5	7.2	7.9	5.8	4.5	5.1	---	---	---	4.5	3.9	4.2
6	8.8	7.2	8.0	5.0	4.3	4.6	---	---	---	4.5	3.9	4.2
7	8.0	6.8	7.2	5.4	4.0	4.6	---	---	---	4.6	3.9	4.3
8	7.5	6.0	6.7	5.1	4.5	4.8	---	---	---	4.4	3.9	4.2
9	7.7	5.7	6.8	4.6	4.2	4.4	---	---	---	4.4	4.1	4.2
10	6.8	5.8	6.4	4.5	4.0	4.3	---	---	---	4.7	4.1	4.3
11	7.0	5.1	6.2	4.4	4.0	4.2	---	---	---	4.8	4.3	4.4
12	6.4	5.0	5.6	4.4	3.8	4.2	5.8	5.4	5.6	4.6	4.2	4.4
13	5.8	4.2	5.0	3.9	3.4	3.6	5.7	5.1	5.4	4.8	4.2	4.5
14	6.8	4.2	5.3	4.3	3.4	3.9	5.5	5.0	5.3	5.0	4.4	4.8
15	6.0	4.8	5.4	4.8	4.0	4.3	5.5	4.7	5.1	4.9	4.5	4.7
16	6.6	4.5	5.3	4.2	3.6	4.0	---	---	---	4.8	4.5	4.7
17	6.6	4.5	5.3	3.8	3.5	3.7	---	---	---	4.8	4.3	4.6
18	6.0	4.8	5.4	3.7	3.4	3.5	---	---	---	4.6	4.2	4.4
19	6.4	4.9	5.4	3.6	3.4	3.5	---	---	---	4.4	4.0	4.2
20	6.0	4.5	5.1	3.7	3.2	3.4	---	---	---	4.5	3.9	4.3
21	5.5	4.2	5.1	4.0	3.4	3.7	---	---	---	4.7	4.2	4.5
22	6.0	4.6	5.1	4.4	3.7	4.0	---	---	---	4.8	4.2	4.5
23	---	---	---	4.7	3.9	4.3	---	---	---	4.7	4.3	4.5
24	---	---	---	4.6	4.0	4.3	---	---	---	4.6	4.3	4.5
25	6.5	4.9	5.7	4.4	3.9	4.1	---	---	---	4.8	4.4	4.5
26	6.3	5.6	6.0	4.4	3.8	4.1	---	---	---	4.9	4.6	4.8
27	5.8	4.8	5.3	4.4	3.7	4.1	---	---	---	---	---	---
28	6.1	4.6	5.4	4.2	3.4	3.8	---	---	---	---	---	---
29	7.3	5.4	6.3	4.3	3.5	3.9	4.4	3.9	4.1	---	---	---
30	7.0	5.5	6.3	5.0	4.0	4.5	4.1	3.7	3.9	---	---	---
31	---	---	---	5.4	4.4	4.9	4.7	3.9	4.2	---	---	---
MONTH	---	---	---	8.3	3.2	4.4	---	---	---	---	---	---