

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'39'', long 79°09'17'', Horry County, Hydrologic Unit 03040201, on north bank of the Pee Dee River at Highway 701, 12.5 mi southwest of Myrtle Beach, 13.0 mi south of Conway, and 3.0 mi south of the mouth of Little Pee Dee River.

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.--Hydrolab and data collection platform.

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, 11.8 mg/L, Jan. 29-Feb. 3, 2000; minimum, 1.1 mg/L, Oct. 7, 8, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.0°C, July 21, 22; minimum, 2.5°C, Jan. 28-Feb. 1.

DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 29-Feb. 3; minimum, 2.8 mg/L, Sep. 10.

TEMPERATURE, WATER (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	22.0	21.5	21.5	16.5	16.0	16.0	14.0	11.5	12.5	8.0	7.0	7.5
2	22.0	21.5	21.5	17.0	16.5	17.0	12.5	10.5	11.0	9.0	8.0	8.5
3	21.5	21.5	21.5	17.0	16.0	16.5	11.0	10.0	10.5	10.0	9.0	9.5
4	21.5	21.5	21.5	16.0	15.5	15.5	11.0	10.0	10.5	11.5	9.5	10.5
5	21.5	21.0	21.0	15.5	15.0	15.0	10.5	10.0	10.5	11.5	11.0	11.5
6	21.0	20.5	21.0	15.0	14.5	14.5	11.0	10.5	11.0	11.0	10.5	11.0
7	20.5	20.0	20.5	15.0	14.5	15.0	11.0	10.5	11.0	11.0	10.5	11.0
8	20.5	20.0	20.0	15.0	14.5	14.5	10.5	10.0	10.5	11.0	10.5	10.5
9	20.5	20.0	20.0	15.0	14.5	14.5	10.5	10.0	10.5	10.5	10.5	10.5
10	21.0	20.0	20.5	15.5	14.5	15.0	11.5	10.0	11.0	11.5	10.5	11.0
11	21.0	20.5	21.0	16.0	15.0	15.5	11.5	11.0	11.5	11.5	11.0	11.0
12	21.0	21.0	21.0	16.0	14.0	15.0	11.5	11.0	11.0	11.5	11.0	11.5
13	21.0	21.0	21.0	14.5	13.5	14.0	11.5	11.0	11.5	11.5	11.0	11.5
14	21.5	21.0	21.0	14.5	14.0	14.0	13.0	11.5	12.5	11.5	10.0	11.0
15	21.0	21.0	21.0	14.5	13.5	14.0	13.0	12.5	12.5	10.0	9.5	9.5
16	21.0	20.5	20.5	14.0	12.0	13.0	12.5	12.0	12.5	9.5	9.0	9.0
17	20.5	20.5	20.5	12.5	11.0	11.5	12.0	11.5	11.5	9.0	8.5	9.0
18	20.5	20.5	20.5	12.5	11.0	12.0	11.5	10.5	11.0	8.5	7.5	8.0
19	20.5	20.0	20.5	13.0	12.5	12.5	11.0	11.0	11.0	7.5	7.0	7.0
20	20.5	20.5	20.5	13.5	13.0	13.0	11.0	11.0	11.0	7.5	7.0	7.0
21	20.5	19.0	19.5	13.5	13.5	13.5	11.0	11.0	11.0	7.0	6.5	7.0
22	19.0	18.5	18.5	15.0	13.5	14.0	11.0	11.0	11.0	7.0	6.0	6.5
23	18.5	18.0	18.0	15.5	15.0	15.0	11.0	10.5	11.0	6.0	6.0	6.0
24	18.0	17.0	17.0	16.0	15.5	16.0	10.5	10.0	10.5	6.0	5.5	5.5
25	17.0	16.0	16.5	17.0	16.0	16.5	10.0	9.0	9.5	5.5	4.5	5.0
26	16.0	15.5	16.0	17.5	16.5	17.0	9.0	8.0	8.5	4.5	4.0	4.0
27	16.0	15.5	15.5	17.0	16.5	17.0	8.0	7.5	7.5	4.0	3.5	3.5
28	15.5	15.0	15.5	16.5	15.5	16.0	7.5	7.0	7.0	3.5	2.5	3.0
29	15.5	15.0	15.0	16.0	15.0	15.5	7.0	6.5	6.5	2.5	2.5	2.5
30	15.5	15.0	15.5	15.5	13.5	14.5	7.0	6.5	6.5	3.0	2.5	2.5
31	16.0	15.5	15.5	---	---	---	7.0	7.0	7.0	3.0	2.5	3.0
MONTH	22.0	15.0	19.3	17.5	11.0	14.8	14.0	6.5	10.4	11.5	2.5	7.9

PEE DEE RIVER BASIN

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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	4.5	4.5	4.5	7.0	6.8	6.9	8.2	7.7	7.9	10.7	10.5	10.6
2	4.7	4.5	4.6	6.8	6.5	6.7	8.7	8.2	8.5	10.5	10.2	10.3
3	4.7	4.6	4.6	6.5	6.4	6.4	9.1	8.7	8.9	10.3	10.0	10.2
4	4.8	4.5	4.6	6.7	6.3	6.4	9.3	9.0	9.1	10.1	9.5	9.9
5	4.8	4.4	4.5	7.3	6.7	6.9	9.3	9.0	9.1	9.6	9.2	9.3
6	4.4	4.3	4.3	7.7	7.3	7.4	9.3	8.9	9.0	9.3	9.1	9.1
7	4.3	4.2	4.3	7.8	7.5	7.7	9.1	8.8	8.9	9.3	9.1	9.2
8	4.3	4.3	4.3	7.9	7.5	7.8	9.0	8.7	8.8	9.5	9.2	9.3
9	4.4	4.3	4.3	7.9	7.6	7.7	9.0	8.7	8.8	9.4	9.2	9.3
10	4.5	4.4	4.5	8.4	7.8	8.2	9.1	8.8	8.9	9.5	9.1	9.3
11	4.6	4.5	4.6	8.2	7.8	8.1	9.2	8.7	8.9	9.2	8.9	9.0
12	4.7	4.6	4.6	8.8	7.8	8.1	9.3	8.8	9.0	9.0	8.7	8.8
13	4.7	4.5	4.6	8.7	8.4	8.5	9.2	8.8	9.0	9.2	8.9	9.0
14	5.2	4.7	5.0	8.8	8.4	8.5	9.0	8.5	8.7	9.5	9.1	9.2
15	5.5	5.2	5.4	9.0	8.4	8.7	8.5	8.1	8.3	9.5	9.3	9.4
16	5.4	5.2	5.3	9.2	8.6	8.8	8.3	7.8	8.0	9.4	9.1	9.2
17	6.2	5.2	5.8	---	---	---	8.6	8.0	8.2	9.2	9.1	9.1
18	6.0	5.1	5.5	---	---	---	9.1	8.6	8.8	9.2	9.1	9.2
19	5.1	4.8	5.0	---	---	---	9.4	9.0	9.2	9.3	9.1	9.2
20	4.8	4.7	4.7	---	---	---	9.4	8.8	9.1	9.9	9.3	9.6
21	4.9	4.7	4.8	---	---	---	8.9	8.4	8.6	10.2	9.9	10.1
22	5.1	4.9	4.9	---	---	---	8.7	8.4	8.5	10.2	10.1	10.2
23	5.4	5.1	5.2	7.6	7.1	7.3	8.9	8.4	8.6	10.6	10.2	10.4
24	5.7	5.4	5.6	7.1	6.5	6.8	9.1	8.7	8.9	10.9	10.6	10.7
25	6.0	5.7	5.9	6.9	6.2	6.5	9.4	8.9	9.2	11.0	10.9	10.9
26	6.4	6.0	6.2	7.3	6.2	6.5	9.7	9.4	9.6	11.2	11.0	11.1
27	6.6	6.4	6.5	7.2	6.4	6.7	9.9	9.7	9.8	11.5	11.2	11.4
28	6.8	6.6	6.7	7.4	6.5	6.7	10.1	9.9	10.0	11.7	11.5	11.6
29	7.0	6.8	7.0	7.8	6.8	7.1	10.3	10.1	10.2	11.8	11.7	11.8
30	7.1	7.0	7.1	7.9	7.2	7.5	10.5	10.3	10.4	11.8	11.8	11.8
31	7.1	7.0	7.0	---	---	---	10.7	10.5	10.6	11.8	11.8	11.8
MONTH	7.1	4.2	5.2	9.2	6.2	7.4	10.7	7.7	9.0	11.8	8.7	10.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.8	11.8	11.8	8.0	7.5	7.6	6.0	5.8	5.9	7.4	6.7	7.0
2	11.8	11.8	11.8	7.5	7.2	7.3	6.0	5.8	5.9	7.3	6.5	6.9
3	11.8	11.6	11.7	7.5	7.1	7.3	---	---	---	7.0	6.0	6.4
4	11.6	11.4	11.5	7.7	7.4	7.5	---	---	---	6.7	5.9	6.3
5	11.4	11.2	11.3	7.9	7.6	7.7	---	---	---	6.7	5.9	6.2
6	11.2	11.0	11.1	7.9	7.7	7.8	---	---	---	6.7	5.9	6.2
7	11.0	10.8	10.9	7.9	7.7	7.8	---	---	---	6.9	5.9	6.3
8	10.8	10.6	10.7	7.8	7.3	7.5	---	---	---	6.5	5.7	6.0
9	10.6	10.4	10.5	7.5	7.0	7.3	---	---	---	6.5	5.6	5.9
10	10.4	10.1	10.3	7.2	6.7	7.0	---	---	---	6.3	5.2	5.6
11	10.1	9.9	10.0	7.1	6.6	6.8	---	---	---	6.0	5.1	5.5
12	9.9	9.6	9.7	7.0	6.5	6.7	---	---	---	6.1	5.2	5.5
13	9.6	9.3	9.4	6.9	6.5	6.7	---	---	---	6.0	5.0	5.4
14	9.3	9.1	9.2	6.9	6.6	6.7	---	---	---	6.0	5.0	5.4
15	9.1	9.1	9.1	7.0	6.8	6.9	---	---	---	6.1	5.0	5.6
16	9.1	9.0	9.1	7.1	6.8	6.9	---	---	---	6.0	5.1	5.6
17	9.1	9.0	9.0	7.1	6.6	6.8	---	---	---	5.9	4.9	5.4
18	9.0	8.8	8.9	6.9	6.7	6.8	---	---	---	---	---	---
19	8.8	8.4	8.6	6.9	6.7	6.8	---	---	---	---	---	---
20	8.5	8.4	8.4	7.1	6.8	7.0	7.0	6.4	6.7	---	---	---
21	8.4	8.2	8.3	7.1	6.9	7.0	7.0	6.4	6.7	---	---	---
22	8.6	8.3	8.4	7.0	6.9	7.0	6.9	6.4	6.7	---	---	---
23	8.7	8.5	8.6	6.9	6.7	6.8	7.0	6.4	6.7	6.1	5.3	5.8
24	8.8	8.5	8.6	6.7	6.5	6.6	6.9	6.4	6.6	6.1	5.2	5.7
25	8.8	8.4	8.6	6.6	6.4	6.5	6.7	5.8	6.3	6.2	5.3	5.7
26	8.7	8.3	8.5	6.4	6.2	6.3	5.9	5.5	5.7	6.0	5.3	5.7
27	8.5	8.2	8.4	6.2	5.9	6.0	6.5	5.6	5.9	6.3	5.2	5.7
28	8.4	8.1	8.2	5.9	5.6	5.8	7.0	6.3	6.6	6.6	5.4	6.2
29	8.2	7.9	8.0	5.7	5.5	5.6	7.2	6.5	6.8	6.5	5.4	5.9
30	---	---	---	5.6	5.5	5.6	7.2	6.7	6.9	6.3	5.4	5.8
31	---	---	---	5.9	5.6	5.7	---	---	---	6.4	5.5	6.0
MONTH	11.8	7.9	9.6	8.0	5.5	6.8	7.2	5.5	6.4	7.4	4.9	5.9

