

02131221 PEE DEE RIVER AT POSTON, SC

LOCATION.--Lat 33°53'07'', long 79°24'38'', Florence County, Hydrologic Unit 03040201, on right bank at boat landing, 1.2 mi northeast of Poston, and at mile 66.0.

PERIOD OF RECORD.--May 1996 to current year.

PERIOD OF DAILY RECORD.--

pH: May 1996 to current year.

WATER TEMPERATURE: October 1995 to current year.

DISSOLVED OXYGEN: May 1996 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

pH: Maximum, 8.6 units, Jul. 21, 1999; minimum, 6.1 units, Jul. 28 to Aug. 3, 1997.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 3, 1996, Aug. 1, 1999; minimum, 2.5°C, Dec. 29, 1995, Jan. 11, 13, 14, 1996.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 20, 1997; minimum, 2.5 mg/L, Sep. 13, 17, 1996.

EXTREMES FOR CURRENT YEAR.--

pH: Maximum, 8.6 units, Jul 21; minimum, 6.2 units, many days.

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 1; minimum, 5.5°C, Jan. 7-9.

DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jul. 21; minimum recorded, 3.6 mg/L, Aug. 11.

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.0	6.9	7.1	6.9	7.0	6.9	6.7	6.6	6.3	6.3	6.9	6.9
2	7.0	6.9	7.0	6.9	7.0	6.9	6.8	6.7	6.4	6.3	6.9	6.7
3	7.0	7.0	7.0	6.8	7.0	6.9	6.7	6.6	6.4	6.4	6.8	6.8
4	7.0	7.0	6.8	6.8	6.9	6.9	6.7	6.6	6.5	6.4	6.9	6.8
5	7.0	7.0	6.9	6.8	6.9	6.8	6.7	6.5	6.6	6.5	6.8	6.8
6	7.0	6.9	6.9	6.8	6.9	6.8	6.6	6.5	6.5	6.5	6.8	6.8
7	6.9	6.9	6.9	6.8	6.9	6.7	6.6	6.4	6.5	6.5	6.9	6.8
8	6.9	6.8	6.9	6.9	7.0	6.8	6.4	6.3	6.5	6.4	6.9	6.8
9	6.9	6.8	6.9	6.8	7.0	6.9	6.3	6.3	6.5	6.4	6.9	6.7
10	6.9	6.8	7.2	6.8	7.0	6.9	6.4	6.3	6.4	6.4	6.8	6.7
11	6.8	6.7	7.2	7.1	7.0	6.9	6.3	6.2	6.4	6.4	6.9	6.7
12	6.7	6.7	7.2	7.1	6.9	6.9	6.3	6.2	6.6	6.4	6.9	6.8
13	6.7	6.6	7.2	7.1	6.9	6.8	6.3	6.2	6.7	6.6	6.9	6.8
14	6.9	6.7	7.2	7.2	6.8	6.8	6.5	6.3	6.8	6.7	6.9	6.8
15	7.0	6.9	7.3	7.2	6.9	6.8	6.6	6.5	6.7	6.7	6.8	6.7
16	7.0	7.0	7.3	7.2	6.9	6.7	6.6	6.6	6.7	6.6	6.7	6.6
17	7.0	7.0	7.2	7.1	6.7	6.6	6.7	6.6	6.7	6.6	6.7	6.7
18	7.0	7.0	7.2	7.2	6.7	6.6	6.7	6.6	6.8	6.7	6.7	6.7
19	7.0	7.0	7.2	7.2	6.6	6.5	6.6	6.5	6.9	6.8	6.7	6.6
20	7.0	7.0	7.2	7.2	6.5	6.4	6.7	6.5	6.9	6.8	6.7	6.6
21	7.1	7.0	7.3	7.2	6.8	6.4	6.7	6.7	6.9	6.9	6.7	6.6
22	7.0	6.9	7.2	7.2	6.8	6.8	6.7	6.7	6.9	6.8	6.6	6.5
23	7.1	7.0	7.2	7.2	6.9	6.8	6.7	6.7	6.8	6.8	6.5	6.5
24	7.1	7.0	7.2	7.1	6.9	6.8	6.7	6.6	6.9	6.8	6.5	6.4
25	7.1	7.1	7.1	7.1	6.9	6.9	6.7	6.7	6.9	6.9	6.5	6.4
26	7.1	7.1	7.1	7.0	6.9	6.9	6.7	6.6	6.9	6.9	6.4	6.4
27	7.1	7.0	7.1	7.0	6.9	6.8	6.6	6.4	6.9	6.9	6.4	6.4
28	7.0	6.9	7.1	7.0	6.8	6.8	6.4	6.3	6.9	6.9	6.4	6.4
29	7.0	6.9	7.0	7.0	6.8	6.6	6.3	6.2	---	---	6.4	6.2
30	6.9	6.9	7.0	7.0	6.6	6.5	6.2	6.2	---	---	6.3	6.2
31	7.1	6.9	---	---	6.6	6.5	6.3	6.2	---	---	6.4	6.2
MONTH	7.1	6.6	7.3	6.8	7.0	6.4	6.8	6.2	6.9	6.3	6.9	6.2

PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	26.5	25.5	26.0	18.5	18.0	18.5	15.0	14.5	15.0	8.0	7.5	7.5
2	26.0	25.0	25.5	19.0	18.5	18.5	15.0	14.5	15.0	7.5	7.0	7.5
3	25.5	25.0	25.0	19.5	19.0	19.5	15.0	14.5	15.0	8.0	7.0	7.5
4	25.0	24.5	24.5	19.5	18.0	19.0	15.5	14.5	15.0	8.0	7.5	8.0
5	24.5	24.0	24.5	18.0	17.0	17.5	15.5	15.0	15.0	7.5	7.0	7.0
6	25.0	24.5	24.5	17.0	16.0	16.5	15.5	15.5	15.5	7.0	6.0	6.5
7	25.0	24.5	24.5	16.0	15.0	15.5	16.0	15.5	16.0	6.0	5.5	6.0
8	24.5	24.0	24.5	15.0	14.5	14.5	17.0	16.0	16.5	5.5	5.5	5.5
9	24.5	24.0	24.5	15.0	14.5	14.5	17.5	17.0	17.0	6.0	5.5	5.5
10	24.0	23.5	24.0	16.0	14.5	15.0	17.0	15.5	16.0	6.5	6.0	6.0
11	23.5	22.5	23.0	17.0	16.0	16.5	15.5	13.5	14.5	6.0	6.0	6.0
12	23.0	22.5	22.5	16.5	15.5	16.0	14.5	14.0	14.0	6.5	6.0	6.0
13	22.5	22.0	22.5	15.5	14.5	15.0	14.0	13.5	14.0	7.0	6.5	6.5
14	22.5	22.0	22.0	14.5	14.5	14.5	13.5	12.5	13.0	7.5	7.0	7.0
15	22.5	21.5	22.0	15.0	14.5	14.5	12.5	11.0	11.5	9.0	7.5	8.0
16	22.0	21.5	21.5	15.0	15.0	15.0	11.0	10.5	10.5	9.0	8.5	8.5
17	21.5	20.5	21.0	16.0	15.0	15.5	10.5	10.5	10.5	9.0	8.5	9.0
18	21.0	20.5	21.0	16.0	15.5	15.5	10.5	9.5	10.0	9.5	9.0	9.5
19	21.0	20.5	21.0	15.5	15.0	15.5	10.0	9.5	10.0	10.0	9.5	9.5
20	21.5	21.0	21.5	15.5	15.0	15.0	10.0	9.5	10.0	10.0	10.0	10.0
21	21.5	21.0	21.0	15.5	15.0	15.5	11.0	10.0	10.5	10.5	10.0	10.5
22	21.0	19.0	20.0	15.0	14.5	14.5	12.5	11.0	11.5	10.5	10.0	10.5
23	19.0	18.5	18.5	14.5	14.0	14.5	12.0	11.5	12.0	11.5	10.5	11.0
24	18.5	18.0	18.0	15.5	14.5	15.0	11.5	11.0	11.5	12.5	11.5	12.0
25	18.0	17.5	18.0	16.0	15.0	15.5	11.0	10.0	10.5	12.5	12.0	12.0
26	18.0	17.5	18.0	15.5	15.0	15.5	10.0	8.5	9.0	12.0	11.5	12.0
27	18.5	17.5	18.0	15.0	14.0	14.5	9.0	8.5	9.0	12.0	11.5	12.0
28	18.5	17.5	18.0	15.0	14.5	14.5	9.0	9.0	9.0	12.5	12.0	12.0
29	18.5	18.0	18.0	14.5	14.0	14.0	9.0	8.5	8.5	12.5	12.0	12.5
30	18.5	18.0	18.0	14.5	14.0	14.5	8.5	8.0	8.0	12.5	12.0	12.5
31	19.0	18.5	18.5	---	---	---	8.0	8.0	8.0	12.0	11.0	11.5
MONTH	26.5	17.5	21.6	19.5	14.0	15.7	17.5	8.0	12.3	12.5	5.5	8.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.0	10.5	10.5	10.5	9.5	9.5	14.5	14.5	14.5	15.0	14.0	14.5
2	11.0	10.5	10.5	11.0	10.0	10.5	15.5	14.5	15.0	14.5	13.5	14.0
3	10.5	10.5	10.5	11.5	10.5	11.0	16.5	15.5	16.0	14.5	14.0	14.5
4	11.0	10.5	10.5	11.0	10.5	11.0	17.0	16.0	16.5	14.5	14.0	14.0
5	10.5	10.0	10.5	11.0	10.5	10.5	18.0	17.0	17.5	16.0	14.5	15.5
6	10.5	10.0	10.0	11.5	10.5	11.0	18.0	18.0	18.0	17.0	16.0	16.5
7	11.0	10.5	10.5	11.5	11.0	11.0	18.5	18.0	18.0	18.0	17.0	17.5
8	11.5	11.0	11.0	11.0	10.5	11.0	20.0	18.5	19.5	19.0	18.0	18.5
9	12.0	11.5	11.5	10.5	10.0	10.5	19.5	18.5	19.0	20.0	19.0	19.5
10	12.5	12.0	12.5	10.5	9.5	10.0	21.0	19.0	20.0	21.0	20.0	20.5
11	13.5	12.5	13.0	10.0	9.5	10.0	22.0	21.0	21.5	21.5	20.5	21.0
12	14.0	13.5	13.5	9.5	9.5	9.5	22.5	21.5	22.0	21.5	21.5	21.5
13	13.5	12.5	13.0	10.0	9.5	9.5	21.5	20.5	21.0	23.5	21.5	22.0
14	12.5	11.5	12.0	10.0	9.5	10.0	20.5	19.5	20.0	23.0	22.5	23.0
15	11.5	11.0	11.0	10.0	10.0	10.0	20.0	19.0	19.5	22.5	21.5	22.0
16	11.0	10.0	10.5	10.5	9.5	10.0	20.0	19.0	19.5	21.5	20.5	21.0
17	11.0	10.5	11.0	10.5	10.0	10.0	19.0	18.5	18.5	21.5	21.0	21.5
18	11.5	11.0	11.5	11.0	10.5	10.5	18.5	17.5	18.0	21.5	20.5	21.0
19	12.0	11.5	11.5	12.0	11.0	11.5	18.5	17.5	18.0	22.5	21.5	22.0
20	11.5	11.0	11.5	12.5	11.5	12.0	19.5	18.0	18.5	22.5	21.5	22.0
21	11.5	11.0	11.0	13.0	12.0	12.5	20.5	19.0	19.5	23.5	22.0	22.5
22	11.0	9.5	10.0	14.0	13.0	13.5	21.0	20.0	20.5	23.5	23.0	23.0
23	9.5	9.0	9.0	14.5	13.5	14.0	22.0	20.5	21.0	24.0	23.0	23.5
24	9.0	8.5	9.0	15.0	14.0	14.5	21.5	21.0	21.5	24.5	23.5	24.0
25	9.0	8.0	8.5	14.5	14.0	14.0	22.0	21.0	21.5	24.5	24.0	24.5
26	8.5	8.0	8.5	14.0	13.5	14.0	21.0	21.0	21.0	25.0	24.0	24.5
27	9.0	8.5	8.5	14.0	13.5	13.5	22.0	21.0	21.5	25.5	24.5	25.0
28	9.5	9.0	9.5	14.0	13.5	13.5	21.5	20.0	21.0	25.5	24.5	25.0
29	---	---	---	13.5	13.0	13.5	20.0	18.0	19.0	25.0	24.0	24.5
30	---	---	---	14.0	13.0	13.5	18.0	15.0	16.5	25.0	24.5	25.0
31	---	---	---	14.5	14.0	14.0	---	---	---	26.0	24.5	25.5
MONTH	14.0	8.0	10.7	15.0	9.5	11.6	22.5	14.5	19.1	26.0	13.5	20.9

PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

02131221 PEE DEE RIVER AT POSTON, SC--Continued
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	5.5	5.1	5.3	7.4	6.7	7.0	8.2	7.9	8.1	10.3	10.1	10.2
2	5.4	5.2	5.4	6.8	6.2	6.5	8.2	7.8	8.0	10.8	10.3	10.6
3	5.4	5.2	5.4	---	---	---	8.0	7.7	7.8	10.7	10.4	10.5
4	5.5	5.3	5.5	---	---	---	7.8	7.4	7.6	10.4	10.2	10.3
5	5.5	5.4	5.4	---	---	---	7.7	7.4	7.6	10.9	10.3	10.7
6	5.4	5.2	5.3	---	---	---	7.7	7.4	7.5	11.1	10.7	10.9
7	5.7	5.2	5.4	---	---	---	7.5	6.8	7.2	11.2	11.1	11.2
8	5.7	5.5	5.6	---	---	---	7.9	6.8	7.6	11.2	11.0	11.0
9	5.8	5.6	5.7	---	---	---	7.8	7.6	7.7	11.0	10.7	10.9
10	5.9	5.6	5.7	---	---	---	7.9	7.6	7.8	10.7	10.5	10.6
11	5.7	5.6	5.6	7.9	7.2	7.6	8.7	7.9	8.2	10.5	10.3	10.4
12	5.7	5.6	5.7	8.1	7.4	7.7	8.5	8.3	8.4	10.4	10.3	10.4
13	5.7	5.6	5.7	8.0	7.6	7.9	8.7	8.5	8.6	10.4	10.3	10.4
14	5.9	5.3	5.6	8.2	7.8	7.9	9.1	8.7	8.9	11.0	10.3	10.5
15	6.0	5.2	5.7	8.3	7.9	8.1	9.3	9.1	9.2	10.8	10.3	10.5
16	6.2	5.7	5.9	8.0	7.6	7.9	9.8	9.3	9.6	10.3	10.0	10.1
17	6.5	5.8	6.1	7.8	7.4	7.6	9.8	9.3	9.6	10.1	9.9	10.0
18	6.6	6.0	6.3	7.6	7.3	7.4	10.1	9.6	9.9	10.0	9.7	9.9
19	6.5	5.8	6.2	7.7	7.3	7.5	10.1	9.7	10.0	9.7	9.4	9.5
20	6.2	5.6	5.9	8.0	7.5	7.7	10.3	10.0	10.2	9.7	9.4	9.5
21	5.9	5.2	5.7	8.0	7.5	7.7	10.2	9.7	10.0	9.7	9.6	9.6
22	6.5	5.6	6.0	8.4	7.8	8.0	9.7	9.1	9.3	9.7	9.5	9.6
23	6.9	5.9	6.4	8.1	7.7	7.9	9.1	8.9	9.0	9.5	9.3	9.4
24	6.9	6.1	6.6	8.1	7.3	7.6	9.4	9.0	9.2	9.3	8.9	9.1
25	6.6	5.5	6.1	7.9	7.3	7.5	9.7	9.4	9.5	9.0	8.9	8.9
26	6.1	5.0	5.5	8.3	7.4	7.8	10.2	9.7	10.0	9.1	8.8	8.9
27	5.2	4.0	4.6	8.9	7.9	8.4	10.2	10.1	10.1	9.1	8.4	8.8
28	4.6	4.1	4.4	8.7	8.0	8.2	10.3	10.1	10.2	8.4	7.7	8.1
29	6.2	4.1	5.1	8.4	8.1	8.3	10.3	10.0	10.2	7.7	7.2	7.4
30	6.5	5.7	6.0	8.2	8.0	8.1	10.1	10.0	10.0	7.2	7.1	7.2
31	6.9	5.9	6.4	---	---	---	10.2	10.0	10.1	7.4	7.2	7.3
MONTH	6.9	4.0	5.7	8.9	6.2	7.7	10.3	6.8	8.9	11.2	7.1	9.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.7	7.4	7.6	10.0	9.7	9.8	8.8	8.1	8.5	8.0	7.5	7.8
2	7.9	7.7	7.8	9.7	9.4	9.5	8.8	8.2	8.6	8.3	7.7	8.0
3	8.1	7.9	8.0	9.4	9.2	9.3	8.6	8.1	8.3	8.4	7.7	7.9
4	8.6	8.1	8.3	9.4	9.2	9.3	8.6	8.0	8.2	7.9	7.5	7.7
5	8.9	8.6	8.8	9.6	9.4	9.5	8.3	7.5	7.9	7.5	7.0	7.2
6	8.9	8.7	8.8	9.6	9.5	9.6	7.7	6.8	7.2	7.0	6.5	6.7
7	8.7	8.5	8.6	9.7	9.4	9.5	7.0	6.6	6.8	6.5	6.2	6.4
8	8.5	8.2	8.4	9.7	9.5	9.6	7.0	6.5	6.7	6.2	5.9	6.1
9	8.2	7.7	8.0	9.6	9.5	9.6	7.1	6.7	6.9	5.9	5.6	5.8
10	7.7	7.3	7.5	9.6	9.6	9.6	6.9	6.2	6.6	5.6	5.3	5.5
11	7.4	7.2	7.2	10.3	9.6	10.0	6.6	5.8	6.1	5.3	4.9	5.0
12	8.2	7.4	7.8	10.3	10.1	10.2	6.2	5.7	5.9	5.4	4.9	5.1
13	8.5	8.2	8.3	10.2	10.1	10.1	6.3	5.8	6.0	5.6	5.3	5.4
14	8.8	8.5	8.7	10.3	10.1	10.2	6.3	5.9	6.1	5.9	5.5	5.7
15	8.8	8.6	8.7	10.1	9.9	9.9	6.6	6.1	6.4	5.9	5.7	5.8
16	8.7	8.6	8.6	9.9	9.7	9.8	6.7	6.3	6.5	6.0	5.7	5.8
17	8.8	8.7	8.8	10.2	9.7	10.0	7.1	6.5	6.7	5.9	5.6	5.7
18	9.3	8.8	9.0	10.1	9.9	10.0	7.4	6.6	7.0	5.9	5.7	5.8
19	9.3	9.1	9.2	10.0	9.7	9.9	7.4	6.5	6.8	6.0	5.8	5.9
20	9.2	9.0	9.1	9.8	9.4	9.7	7.1	6.4	6.6	6.2	5.8	6.0
21	9.4	9.1	9.3	9.4	9.1	9.3	6.9	6.5	6.6	6.2	6.0	6.1
22	9.6	9.4	9.5	9.1	8.7	8.9	7.0	6.6	6.8	6.4	5.8	6.1
23	9.7	9.5	9.6	8.7	8.5	8.6	7.0	6.5	6.8	6.5	6.2	6.3
24	10.0	9.7	9.8	8.9	8.5	8.7	7.2	6.6	6.8	6.3	5.9	6.1
25	10.4	10.0	10.3	9.1	8.9	9.1	7.2	6.5	7.0	6.2	6.0	6.1
26	10.3	10.1	10.2	9.0	8.6	8.8	7.2	6.8	7.0	6.2	6.0	6.1
27	10.2	10.1	10.1	8.6	8.4	8.5	7.3	6.4	6.8	6.1	5.9	6.0
28	10.1	9.8	10.0	8.6	8.4	8.5	6.8	6.5	6.7	6.5	6.0	6.2
29	---	---	---	8.7	8.5	8.6	7.2	6.6	6.9	6.5	6.2	6.4
30	---	---	---	8.6	8.4	8.5	8.2	7.1	7.6	6.6	6.4	6.5
31	---	---	---	8.7	8.2	8.4	---	---	---	6.8	6.4	6.6
MONTH	10.4	7.2	8.8	10.3	8.2	9.4	8.8	5.7	7.0	8.4	4.9	6.3

PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999