

PEE DEE RIVER BASIN

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, 5.9 units, Apr. 4, 2000.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 3, 1996, Aug. 1, 1999; minimum, 2.5°C, Dec. 29, 1995, Jan. 11, 13, 14, 1996, Jan. 28-30, 2000.

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, 7.8 units, Aug. 28; minimum, 5.9 units, Apr. 4.

WATER TEMPERATURE: Maximum, 31.0°C, July 11, 12; minimum, 2.5°C, Jan. 28-30.

DISSOLVED OXYGEN: Maximum, 11.2 mg/L, Jan. 28, 29; minimum recorded, 3.7 mg/L, Oct. 7.

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.6	6.5	6.6	6.6	6.9	6.9	7.1	7.1	6.6	6.6	6.9	6.8
2	6.6	6.4	6.7	6.6	7.0	6.9	7.2	7.1	6.7	6.6	7.0	6.9
3	6.4	6.2	6.7	6.7	7.0	7.0	7.2	7.2	6.7	6.7	7.0	7.0
4	6.2	6.0	6.7	6.6	7.0	6.9	7.2	7.1	6.7	6.6	7.1	7.0
5	6.1	6.1	6.8	6.6	7.0	6.9	7.1	7.1	6.7	6.6	7.1	7.0
6	6.1	6.1	6.8	6.8	---	---	---	---	6.6	6.6	7.0	7.0
7	6.1	6.1	6.8	6.8	---	---	---	---	6.7	6.6	7.0	7.0
8	6.2	6.1	6.8	6.7	---	---	---	---	6.7	6.6	7.0	7.0
9	6.4	6.2	6.7	6.7	7.0	7.0	---	---	6.7	6.6	---	---
10	6.5	6.3	6.7	6.6	7.1	7.0	---	---	6.7	6.6	---	---
11	6.6	6.4	---	---	7.1	7.0	---	---	6.7	6.7	6.9	6.9
12	6.6	6.5	---	---	7.1	7.1	6.9	6.9	6.8	6.7	6.9	6.9
13	6.8	6.5	---	---	7.1	7.0	6.9	6.9	6.8	6.8	6.9	6.8
14	6.8	6.7	---	---	7.0	7.0	6.9	6.8	6.9	6.8	6.8	6.7
15	6.7	6.5	---	---	7.0	6.8	6.8	6.8	6.9	6.9	6.7	6.7
16	6.5	6.4	---	---	7.0	7.0	6.8	6.7	6.9	6.8	6.8	6.7
17	6.5	6.4	---	---	7.1	7.0	6.7	6.6	6.8	6.8	6.8	6.7
18	6.5	6.4	---	---	7.1	7.0	6.7	6.6	6.8	6.7	6.7	6.6
19	6.4	6.3	---	---	7.1	7.0	6.8	6.7	6.7	6.6	6.7	6.6
20	6.4	6.3	---	---	7.0	7.0	7.0	6.8	6.7	6.6	6.7	6.6
21	6.3	6.3	---	---	7.0	6.9	7.0	6.9	6.7	6.6	6.7	6.6
22	6.3	6.2	---	---	7.0	6.9	6.9	6.9	6.7	6.7	6.7	6.6
23	6.3	6.2	7.0	6.9	7.0	7.0	7.0	6.9	6.8	6.7	6.6	6.4
24	6.4	6.3	6.9	6.9	7.1	7.0	7.0	7.0	6.8	6.7	6.4	6.4
25	6.4	6.3	7.0	6.9	7.1	7.1	7.0	6.9	6.8	6.8	6.4	6.2
26	6.3	6.3	7.1	7.0	7.1	7.0	6.9	6.8	6.9	6.8	6.2	6.2
27	6.5	6.3	7.1	7.0	7.0	7.0	6.8	6.6	7.0	6.9	6.2	6.2
28	6.6	6.5	7.0	7.0	7.0	7.0	6.7	6.6	6.9	6.8	6.2	6.1
29	6.6	6.5	7.0	6.9	7.0	7.0	6.7	6.6	6.8	6.8	6.2	6.1
30	6.6	6.6	6.9	6.9	7.1	7.0	6.6	6.6	---	---	6.3	6.2
31	6.7	6.6	---	---	7.1	7.1	6.6	6.6	---	---	6.3	6.2
MONTH	6.8	6.0	7.1	6.6	7.1	6.8	7.2	6.6	7.0	6.6	7.1	6.1



## PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued

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	23.5	22.5	23.0	17.5	16.5	17.0	13.0	11.5	12.5	8.5	8.0	8.0
2	23.0	22.0	22.5	18.5	17.5	18.0	11.5	11.0	11.5	9.0	8.5	8.5
3	22.0	21.5	21.5	18.5	17.0	18.0	11.0	10.5	11.0	9.5	8.5	9.0
4	21.5	21.5	21.5	17.0	16.0	16.5	11.0	10.0	10.5	11.5	9.5	10.5
5	21.5	21.0	21.0	16.0	15.5	16.0	11.0	10.5	10.5	11.5	11.0	11.5
6	21.0	21.0	21.0	16.0	15.0	15.5	---	---	---	---	---	---
7	21.0	20.0	20.5	15.0	14.5	15.0	---	---	---	---	---	---
8	20.0	20.0	20.0	15.5	14.5	15.0	---	---	---	---	---	---
9	20.5	20.0	20.0	16.0	15.0	15.5	11.0	10.5	10.5	---	---	---
10	21.0	20.5	21.0	16.5	15.5	16.0	11.5	11.0	11.0	---	---	---
11	22.0	21.0	21.5	---	---	---	11.5	10.5	11.0	---	---	---
12	22.0	22.0	22.0	---	---	---	11.0	10.5	11.0	11.5	11.0	11.0
13	22.0	21.5	21.5	---	---	---	12.0	11.0	11.5	11.5	10.5	11.0
14	22.0	21.0	21.5	---	---	---	13.0	12.0	12.5	10.5	10.0	10.0
15	21.0	20.5	20.5	---	---	---	13.0	12.5	13.0	10.0	9.0	9.5
16	20.5	20.0	20.0	---	---	---	13.0	12.0	12.5	9.0	8.5	9.0
17	20.5	20.0	20.0	---	---	---	12.0	11.0	11.5	8.5	8.0	8.5
18	20.5	20.0	20.0	---	---	---	11.5	10.5	11.0	8.0	7.5	8.0
19	20.0	20.0	20.0	---	---	---	11.0	10.5	10.5	7.5	7.0	7.5
20	20.0	19.5	20.0	---	---	---	10.5	10.5	10.5	8.0	7.0	7.5
21	19.5	19.0	19.0	---	---	---	11.0	10.5	11.0	7.5	7.0	7.0
22	19.0	18.0	18.5	---	---	---	11.0	11.0	11.0	7.0	6.5	6.5
23	18.0	17.5	17.5	15.5	14.5	15.0	11.0	10.5	10.5	6.5	6.0	6.0
24	17.5	16.5	17.0	16.5	15.5	16.0	10.5	10.0	10.5	6.0	5.5	5.5
25	16.5	16.0	16.0	16.5	16.0	16.0	10.0	9.5	10.0	5.5	4.5	4.5
26	16.0	15.0	15.5	16.5	16.5	16.5	9.5	8.0	8.5	4.5	3.5	4.0
27	15.5	15.0	15.0	16.5	16.0	16.5	8.0	7.5	8.0	3.5	3.0	3.0
28	15.0	14.5	15.0	16.0	15.0	15.5	7.5	7.5	7.5	3.0	2.5	2.5
29	15.5	15.0	15.5	15.5	15.0	15.5	7.5	7.0	7.0	2.5	2.5	2.5
30	16.0	15.5	15.5	15.0	13.0	14.0	7.0	6.5	7.0	3.0	2.5	2.5
31	16.5	16.0	16.0	---	---	---	8.0	7.0	7.5	3.0	3.0	3.0
MONTH	23.5	14.5	19.3	18.5	13.0	16.0	13.0	6.5	10.4	11.5	2.5	7.1
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.5	3.0	3.0	14.0	13.5	13.5	17.0	16.5	16.5	18.5	18.0	18.5
2	4.0	3.5	3.5	14.5	13.5	14.0	17.0	16.5	16.5	19.5	18.5	19.0
3	4.0	3.5	3.5	13.5	13.0	13.5	18.0	16.5	17.5	---	---	---
4	4.5	4.0	4.5	13.5	13.0	13.0	18.0	17.5	18.0	---	---	---
5	5.0	4.5	4.5	13.0	12.5	13.0	18.0	17.0	17.5	---	---	---
6	5.0	4.5	5.0	13.5	12.5	13.0	18.0	17.0	17.5	---	---	---
7	5.5	5.0	5.5	14.0	13.0	13.5	17.5	17.0	17.5	---	---	---
8	6.0	5.5	6.0	14.0	13.5	14.0	18.0	17.0	17.5	---	---	---
9	6.5	6.0	6.0	---	---	---	17.5	17.0	17.5	---	---	---
10	7.0	6.0	6.5	---	---	---	17.5	16.5	17.0	---	---	---
11	7.5	6.5	7.0	16.5	15.5	16.0	17.5	16.5	17.0	---	---	---
12	8.0	7.5	7.5	---	---	---	18.0	17.0	17.5	---	---	---
13	7.5	7.5	7.5	16.5	15.5	16.0	18.0	17.0	17.5	---	---	---
14	8.5	7.5	8.0	15.5	15.0	15.5	17.0	16.0	16.5	---	---	---
15	8.0	8.0	8.0	15.5	15.0	15.0	16.5	16.0	16.5	---	---	---
16	9.0	8.0	8.5	15.5	15.5	15.5	16.5	16.0	16.0	---	---	---
17	9.0	8.5	9.0	16.0	15.5	15.5	17.0	16.0	16.5	---	---	---
18	9.5	9.0	9.0	15.5	15.0	15.5	17.5	17.0	17.0	25.0	23.5	24.5
19	10.5	9.5	10.0	15.5	15.0	15.0	18.0	17.0	17.5	26.0	24.5	25.0
20	10.5	10.5	10.5	15.0	14.5	15.0	18.5	17.5	18.0	26.5	25.0	25.5
21	10.5	10.0	10.0	15.0	14.5	14.5	18.5	17.5	18.0	26.5	25.5	26.0
22	10.5	10.0	10.0	15.0	14.0	14.5	18.5	18.0	18.5	26.5	26.0	26.0
23	10.5	10.0	10.0	15.0	14.5	15.0	18.5	18.0	18.0	26.5	26.0	26.0
24	11.0	10.0	10.5	15.0	14.5	15.0	18.5	18.0	18.0	27.0	25.5	26.0
25	11.5	10.5	11.0	15.5	15.0	15.0	18.5	18.0	18.0	28.0	26.0	27.0
26	12.0	11.0	11.5	16.5	15.5	16.0	18.5	18.0	18.0	28.0	27.0	27.5
27	12.5	11.5	12.0	16.5	16.0	16.5	19.0	18.0	18.5	28.0	27.5	27.5
28	13.5	12.0	12.5	17.0	16.5	17.0	18.0	17.5	17.5	28.0	27.5	27.5
29	13.5	13.0	13.5	17.0	16.5	17.0	18.5	17.5	18.0	27.5	26.5	27.5
30	---	---	---	17.0	16.0	16.5	18.5	17.5	18.0	26.5	24.5	25.5
31	---	---	---	17.0	16.0	16.5	---	---	---	25.0	23.5	24.5
MONTH	13.5	3.0	8.1	17.0	12.5	15.0	19.0	16.0	17.5	28.0	18.0	25.2



## PEE DEE RIVER BASIN

02131221 PEE DEE RIVER AT POSTON, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.8	5.5	5.6	7.8	7.4	7.6	8.6	8.1	8.3	10.3	10.1	10.2
2	6.0	5.7	5.9	7.4	7.0	7.2	9.0	8.6	8.8	10.2	10.0	10.1
3	5.7	5.2	5.4	7.3	6.9	7.0	9.3	8.9	9.1	10.1	9.9	10.0
4	5.2	4.4	4.7	7.8	7.3	7.5	9.3	9.0	9.1	9.9	9.2	9.6
5	4.4	4.2	4.3	8.2	7.8	8.0	9.1	9.0	9.1	9.2	8.9	9.0
6	4.3	3.9	4.1	8.5	8.0	8.3	---	---	---	---	---	---
7	3.9	3.7	3.8	8.7	8.5	8.6	---	---	---	---	---	---
8	4.9	3.8	4.3	8.6	8.4	8.6	---	---	---	---	---	---
9	5.8	4.9	5.4	8.4	8.0	8.2	8.9	8.8	8.8	---	---	---
10	5.9	5.7	5.8	8.0	7.8	7.9	9.0	8.8	8.9	---	---	---
11	6.2	5.8	6.0	---	---	---	9.3	9.0	9.2	---	---	---
12	6.2	5.9	6.1	---	---	---	9.2	9.1	9.2	9.0	8.8	8.9
13	6.7	5.9	6.3	---	---	---	9.1	8.8	9.0	9.1	8.9	9.0
14	6.9	6.5	6.7	---	---	---	8.8	8.2	8.5	9.1	8.9	9.0
15	6.6	6.0	6.3	---	---	---	8.4	8.1	8.3	8.9	8.6	8.7
16	6.0	5.8	5.8	---	---	---	8.7	8.3	8.5	8.6	8.4	8.6
17	6.3	5.8	6.2	---	---	---	9.1	8.7	9.0	8.6	8.4	8.6
18	6.3	5.8	6.1	---	---	---	9.3	9.1	9.2	8.7	8.4	8.5
19	5.8	5.5	5.6	---	---	---	9.3	9.2	9.3	9.3	8.7	9.0
20	5.7	5.5	5.6	---	---	---	9.2	9.0	9.1	9.7	9.3	9.6
21	5.7	5.6	5.7	---	---	---	9.0	8.8	8.9	9.6	9.5	9.6
22	5.9	5.7	5.8	---	---	---	9.0	8.7	8.8	9.8	9.6	9.6
23	6.4	5.9	6.1	8.3	7.8	8.1	9.2	9.0	9.1	10.3	9.8	10.0
24	6.8	6.4	6.6	7.9	7.6	7.7	9.2	9.0	9.1	10.3	10.2	10.3
25	6.9	6.6	6.8	7.9	7.8	7.9	9.4	9.2	9.3	10.5	10.2	10.3
26	6.7	6.5	6.6	8.0	7.9	7.9	9.6	9.2	9.5	10.7	10.4	10.6
27	7.6	6.7	7.2	7.9	7.7	7.9	9.7	9.6	9.7	11.0	10.5	10.8
28	8.0	7.6	7.8	7.9	7.7	7.8	9.6	9.6	9.6	11.2	11.0	11.1
29	8.0	7.8	7.9	7.9	7.8	7.8	10.1	9.6	9.8	11.2	11.1	11.1
30	8.1	7.9	8.0	8.1	7.8	7.9	10.4	10.1	10.3	11.1	10.8	11.0
31	8.0	7.8	7.9	---	---	---	10.4	10.2	10.3	10.9	10.6	10.7
MONTH	8.1	3.7	6.0	8.7	6.9	7.9	10.4	8.1	9.1	11.2	8.4	9.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.8	10.6	10.7	7.7	7.4	7.6	8.3	8.2	8.3	7.4	7.1	7.3
2	10.8	10.6	10.7	8.1	7.6	7.8	8.4	8.2	8.3	7.1	6.9	7.0
3	10.9	10.7	10.8	8.4	8.1	8.2	8.2	7.8	8.1	---	---	---
4	10.8	10.3	10.6	8.3	8.1	8.2	7.8	7.2	7.4	---	---	---
5	10.3	10.1	10.2	8.3	8.1	8.2	7.3	7.2	7.3	---	---	---
6	10.1	9.9	10.0	8.3	8.1	8.2	7.7	7.3	7.5	---	---	---
7	10.0	9.7	9.8	8.2	7.8	8.0	7.8	7.6	7.7	---	---	---
8	9.8	9.6	9.7	8.0	7.8	7.9	7.9	7.7	7.8	---	---	---
9	9.7	9.5	9.6	---	---	---	7.8	7.6	7.7	---	---	---
10	9.6	9.4	9.5	---	---	---	7.8	7.7	7.8	---	---	---
11	9.5	9.3	9.4	9.0	8.7	8.8	7.8	7.7	7.7	---	---	---
12	9.4	9.2	9.3	8.8	8.4	8.5	7.8	7.6	7.7	---	---	---
13	9.3	9.2	9.3	8.4	8.2	8.3	8.0	7.8	7.9	---	---	---
14	9.3	9.2	9.3	8.5	8.3	8.4	8.1	7.9	8.0	---	---	---
15	9.6	9.3	9.5	8.5	8.3	8.4	7.9	7.8	7.8	---	---	---
16	9.6	9.1	9.5	8.8	8.3	8.4	7.9	7.8	7.9	---	---	---
17	9.1	9.1	9.1	8.9	8.5	8.7	7.9	7.4	7.7	---	---	---
18	9.1	8.5	8.8	8.6	8.4	8.5	7.4	7.4	7.4	7.3	6.4	6.8
19	8.5	8.1	8.3	8.7	8.5	8.6	7.4	7.3	7.3	8.3	7.1	7.7
20	8.1	7.9	8.0	9.1	8.7	8.9	7.4	7.3	7.4	7.3	6.5	6.8
21	8.2	8.0	8.1	9.3	9.0	9.2	7.5	7.1	7.4	6.8	6.2	6.4
22	8.4	8.1	8.2	9.1	8.5	9.0	7.1	7.0	7.0	6.3	6.2	6.2
23	8.5	8.3	8.4	8.5	8.4	8.4	7.1	6.9	7.0	6.6	6.3	6.4
24	8.4	8.2	8.3	8.5	8.4	8.5	6.9	6.4	6.7	6.8	6.2	6.4
25	8.6	8.3	8.4	8.5	7.9	8.3	6.4	6.2	6.3	7.4	6.3	6.8
26	8.7	8.5	8.6	7.9	7.6	7.8	6.8	6.3	6.5	7.8	6.3	7.0
27	8.7	8.5	8.7	7.6	7.3	7.5	7.2	6.7	7.0	7.0	5.9	6.3
28	8.5	7.9	8.3	7.3	7.2	7.3	7.4	7.2	7.3	6.0	5.7	5.8
29	7.9	7.4	7.6	7.6	7.2	7.4	7.3	7.3	7.3	6.5	5.7	6.1
30	---	---	---	8.1	7.6	7.9	7.6	7.3	7.4	6.5	6.1	6.3
31	---	---	---	8.2	8.0	8.2	---	---	---	8.2	6.3	7.2
MONTH	10.9	7.4	9.2	9.3	7.2	8.2	8.4	6.2	7.5	8.3	5.7	6.7

