02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--October 1992 to current year.

    WATER TEMPERATURE (Top): October 1992 to current year.

    WATER TEMPERATURE (Bottom): October 1992 to current year.

    DISSOLVED OXYGEN (Top): October 1992 to current year.

    DISSOLVED OXYGEN (Bottom): October 1992 to currrent year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

    WATER TEMPERATURE (Top): Maximum, 34.5°C, Aug. 1, 1999; minimum, 7.5°C, Jan. 27, 28, Feb. 1, 3, 1994, Feb. 17, 18, 1995, Feb. 3, 9, 17, 1996.

    WATER TEMPERATURE (Bottom): Maximum, 25.0°C on several days during Sep. 1993, Sep. 23, 1996; minimum, 7.5°C on many days during Jan. and Feb. 1994, Feb. and Mar. 1996.

    DISSOLVED OXYGEN (Top): Maximum, 14.0 mg/L, Mar. 16, 1995; minimum, 0.0 mg/L, Aug. 26, 1995, on several days during Oct. 1996, Oct. 23-25, 1997.

    DISSOLVED OXYGEN (Bottom): Maximum, 13.0 mg/L, Mar. 5, 1998; minimum, 0.0 mg/L on many days during 1993-2000.

EXTREMES FOR CURRENT YEAR.--

    WATER TEMPERATURE (Top): Maximum, 31.5°C, Jul. 20, Aug. 9; minimum, 8.5°C on several days during February.

    WATER TEMPERATURE (Bottom): Maximum, 20.5°C, Oct. 23; minimum, 8.0°C on several days during February and March.

    DISSOLVED OXYGEN (Top): Maximum, 11.8 mg/L, Feb. 25; minimum 6.0 mg/L, Sep. 23.

    DISSOLVED OXYGEN (Bottom): Maximum, 12.7 mg/L, Apr. 22; minimum, 0.0 mg/L, Oct. 19, 20.

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	24.0	23.0	23.0	---	---	---	17.5	17.0	17.0	13.0	13.0	13.0
2	24.0	23.0	23.5	---	---	---	17.0	16.5	17.0	13.0	13.0	13.0
3	24.5	23.5	24.0	---	---	---	16.5	16.5	16.5	13.5	12.5	13.0
4	23.5	23.0	23.5	---	---	---	17.0	16.5	16.5	13.5	13.0	13.0
5	23.5	23.0	23.0	---	---	---	16.5	16.0	16.5	13.0	13.0	13.0
6	23.5	23.0	23.0	---	---	---	16.5	16.0	16.5	13.0	12.5	12.5
7	23.0	22.5	23.0	---	---	---	16.5	16.0	16.0	13.0	12.5	12.5
8	23.0	22.5	22.5	---	---	---	16.5	16.0	16.0	13.0	12.5	12.5
9	23.0	22.0	22.5	---	---	---	16.0	16.0	16.0	12.5	12.5	12.5
10	23.0	22.5	23.0	19.0	18.5	18.5	16.5	15.5	16.0	---	---	---
11	23.5	22.5	23.0	18.5	18.0	18.5	16.0	15.5	15.5	---	---	---
12	23.0	22.0	22.5	18.0	18.0	18.0	15.5	15.5	15.5	---	---	---
13	22.0	22.0	22.0	18.0	18.0	18.0	15.5	15.5	15.5	---	---	---
14	22.5	22.0	22.0	18.5	18.0	18.0	16.0	15.5	15.5	13.0	12.5	12.5
15	22.0	21.5	22.0	18.5	18.0	18.0	16.0	15.5	15.5	13.0	12.5	12.5
16	22.0	21.5	21.5	18.0	18.0	18.0	16.0	15.5	15.5	12.5	12.0	12.5
17	21.5	21.5	21.5	18.0	17.5	18.0	16.0	15.0	15.5	12.5	12.0	12.5
18	22.0	21.5	21.5	17.5	17.5	17.5	15.5	15.5	15.5	12.5	12.0	12.0
19	21.5	21.0	21.5	17.5	17.5	17.5	15.5	15.0	15.5	13.0	11.5	12.0
20	21.0	21.0	21.0	17.5	17.5	17.5	15.5	15.0	15.0	12.5	11.5	12.0
21	21.0	20.5	21.0	---	---	---	15.0	14.5	15.0	12.5	11.5	12.0
22	21.0	20.5	20.5	17.5	17.5	17.5	15.5	14.5	15.0	12.0	11.5	12.0
23	20.5	20.0	20.5	17.5	17.5	17.5	15.0	14.5	15.0	12.0	11.5	11.5
24	20.5	20.0	20.0	17.5	17.5	17.5	15.0	14.5	15.0	11.5	10.5	11.0
25	---	---	---	17.5	17.5	17.5	15.0	14.5	14.5	11.0	10.5	11.0
26	---	---	---	18.0	17.5	17.5	14.5	14.0	14.5	11.0	10.5	10.5
27	---	---	---	17.5	17.5	17.5	14.5	14.0	14.0	11.0	10.0	10.5
28	---	---	---	18.0	17.5	17.5	14.0	13.5	13.5	10.5	10.0	10.5
29	---	---	---	17.5	17.0	17.5	14.0	13.5	13.5	10.5	10.0	10.0
30	---	---	---	17.5	17.0	17.5	14.0	13.5	13.5	10.0	9.5	10.0
31	---	---	---	---	---	---	13.5	13.0	13.5	10.0	9.5	10.0
MONTH	24.5	20.0	22.1	19.0	17.0	17.8	17.5	13.0	15.3	13.5	9.5	11.9

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	9.5	10.0	12.5	11.5	12.0	16.0	15.0	15.5	20.0	18.0	19.0
2	10.0	9.5	9.5	13.0	12.0	12.0	16.0	14.5	15.5	19.5	18.5	19.0
3	10.0	9.5	9.5	12.5	11.5	12.0	16.0	15.5	15.5	19.5	18.0	18.5
4	10.0	9.5	9.5	12.0	11.0	11.5	16.5	15.5	16.0	21.5	18.0	19.0
5	10.0	9.0	9.5	12.5	11.0	12.0	16.0	15.0	15.5	21.5	18.0	19.5
6	9.5	9.0	9.5	14.0	12.0	13.0	15.5	15.0	15.5	22.0	21.0	21.5
7	9.5	9.0	9.5	14.5	13.5	14.0	17.5	15.0	16.0	22.5	21.5	22.0
8	9.5	9.0	9.0	15.0	13.5	14.5	---	---	---	22.5	22.0	22.0
9	9.0	8.5	9.0	16.0	14.5	15.0	---	---	---	24.0	22.0	23.0
10	9.5	9.0	9.0	17.0	15.0	15.5	---	---	---	23.5	23.0	23.5
11	9.5	9.0	9.0	15.5	15.0	15.5	---	---	---	24.5	23.0	23.5
12	9.5	8.5	9.0	15.5	14.5	15.0	---	---	---	25.0	23.5	24.0
13	9.0	8.5	8.5	15.0	14.0	14.5	16.0	14.0	15.0	26.5	24.5	25.5
14	---	---	---	15.0	14.0	14.5	14.5	14.5	14.5	26.5	24.5	25.0
15	---	---	---	15.5	14.5	14.5	15.0	14.5	14.5	24.5	22.0	23.5
16	---	---	---	15.0	14.0	14.5	16.0	15.0	15.5	---	---	---
17	---	---	---	15.0	13.0	14.5	18.0	15.5	17.0	24.5	24.0	24.0
18	9.0	8.5	8.5	13.0	11.5	12.0	17.5	16.5	17.0	---	---	---
19	10.0	8.5	9.5	12.0	10.0	10.5	18.2	16.5	17.1	---	---	---
20	10.5	9.0	9.5	---	---	---	19.7	17.5	18.6	25.5	24.5	25.0
21	10.0	9.0	9.5	---	---	---	19.4	18.8	19.1	26.0	25.0	25.5
22	10.0	9.0	9.5	---	---	---	19.0	18.0	18.5	26.0	25.5	26.0
23	10.0	9.0	9.5	---	---	---	19.0	17.5	18.0	26.0	25.5	25.5
24	12.0	9.5	10.5	15.5	13.0	14.0	18.0	18.0	18.0	26.0	25.5	25.5
25	12.5	10.5	11.5	16.5	14.5	15.5	18.0	17.0	18.0	26.5	25.5	26.0
26	12.5	10.0	11.5	17.5	15.5	16.0	18.5	17.0	17.5	27.5	26.0	26.5
27	12.0	11.0	11.5	16.5	15.5	16.0	19.0	17.5	18.0	28.0	26.5	27.5
28	11.5	10.0	11.0	16.0	15.5	15.5	18.0	17.5	18.0	28.0	27.5	27.5
29	12.5	11.0	11.5	16.0	15.0	15.5	18.5	17.5	18.0	27.5	25.0	26.5
30	---	---	---	16.5	15.0	15.5	19.5	17.0	18.0	25.0	24.5	25.0
31	---	---	---	16.5	14.5	15.5	---	---	---	26.0	24.5	25.0
MONTH	12.5	8.5	9.8	17.5	10.0	14.1	19.7	14.0	16.8	28.0	18.0	23.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	25.5	26.0	28.5	27.5	28.0	29.0	28.0	28.5	28.0	26.5	27.5
2	27.0	25.5	26.5	29.5	27.5	28.5	29.0	28.0	28.5	27.5	27.0	27.5
3	29.0	27.0	28.0	29.0	28.0	28.5	30.0	28.0	28.5	28.0	27.0	27.5
4	27.0	25.5	26.0	29.5	27.5	28.5	29.0	28.0	28.5	28.5	27.5	27.5
5	27.5	26.0	26.5	30.0	28.0	28.5	29.5	28.0	28.5	27.5	26.0	27.0
6	27.0	26.0	26.5	30.0	28.0	28.5	30.0	28.5	29.5	26.0	25.5	25.5
7	26.5	25.5	26.0	29.0	28.0	28.5	30.5	29.0	29.5	25.5	25.0	25.0
8	26.5	25.0	25.5	29.5	28.0	28.5	31.0	29.5	30.0	25.5	25.0	25.0
9	27.0	25.5	26.0	30.0	28.5	29.0	31.5	30.0	30.5	25.5	24.5	25.0
10	26.5	25.5	26.0	30.5	28.5	29.5	31.0	30.0	30.5	27.0	25.0	26.0
11	27.0	25.5	26.0	30.5	29.0	29.5	30.5	29.5	30.0	27.5	25.5	26.5
12	27.5	25.5	26.0	30.5	29.0	29.5	30.0	29.0	29.5	27.5	25.5	26.5
13	27.0	26.0	26.5	30.0	28.5	29.0	29.5	28.5	29.0	28.5	26.5	27.0
14	27.0	26.5	26.5	30.0	28.5	29.0	29.5	28.5	29.0	29.0	27.5	28.0
15	27.5	26.5	26.5	30.0	29.0	29.5	30.0	29.0	29.5	28.5	27.0	27.5
16	28.0	26.5	27.0	30.0	29.0	29.5	30.0	29.0	29.5	27.0	26.0	26.5
17	28.0	27.0	27.5	30.5	29.0	30.0	30.5	29.5	30.0	26.0	25.0	25.5
18	28.0	27.0	27.5	31.0	29.5	30.0	30.5	29.5	30.0	25.0	24.0	24.5
19	28.5	27.0	28.0	30.5	29.5	30.0	30.5	29.0	29.5	25.0	24.0	24.5
20	---	---	---	31.5	29.5	30.5	29.0	28.5	28.5	25.5	24.0	25.0
21	---	---	---	30.5	29.0	29.5	28.5	27.5	28.0	25.5	24.5	25.0
22	---	---	---	30.0	29.0	29.5	28.0	27.5	28.0	25.0	24.0	24.5
23	---	---	---	29.5	28.5	29.0	29.0	27.0	28.0	25.0	24.0	24.0
24	---	---	---	29.0	28.5	29.0	29.5	28.0	28.5	26.0	24.0	25.0
25	---	---	---	29.0	28.0	28.0	29.5	28.0	28.5	---	---	---
26	---	---	---	28.5	27.5	28.0	28.5	27.5	28.0	---	---	---
27	---	---	---	29.5	27.5	28.5	28.5	28.0	28.0	---	---	---
28	28.5	27.5	28.0	29.5	28.0	28.5	28.5	27.5	28.0	---	---	---
29	28.0	27.5	28.0	29.5	28.0	29.0	28.0	27.0	27.5	23.5	23.0	23.5
30	28.5	27.5	28.0	29.5	28.5	29.0	27.5	26.5	27.0	23.5	23.0	23.0
31	---	---	---	29.5	28.5	29.0	27.5	26.5	27.0	---	---	---
MONTH	29.0	25.0	26.8	31.5	27.5	29.0	31.5	26.5	28.8	29.0	23.0	25.8
YEAR	31.5	8.5	20.3									

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

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	17.0	17.0	17.0	---	---	---	16.5	16.0	16.5	12.5	12.5	12.5
2	17.5	17.0	17.0	---	---	---	16.0	16.0	16.0	12.5	12.5	12.5
3	17.5	17.0	17.0	---	---	---	16.0	16.0	16.0	12.5	12.0	12.0
4	17.5	17.0	17.0	---	---	---	16.0	15.5	16.0	13.0	12.0	12.5
5	17.5	17.0	17.0	---	---	---	15.5	15.5	15.5	13.5	12.0	12.5
6	17.0	16.5	17.0	---	---	---	16.0	15.5	16.0	12.5	12.0	12.0
7	17.5	16.5	17.0	---	---	---	16.0	15.5	15.5	12.5	12.0	12.0
8	17.0	16.5	17.0	---	---	---	15.5	15.5	15.5	12.5	12.0	12.0
9	17.5	16.5	17.0	---	---	---	15.5	15.5	15.5	12.0	12.0	12.0
10	17.0	16.5	17.0	18.5	17.5	18.0	15.5	15.5	15.5	---	---	---
11	17.5	16.5	17.0	18.5	17.0	18.0	15.5	15.0	15.5	---	---	---
12	17.0	17.0	17.0	18.0	18.0	18.0	15.5	15.0	15.0	---	---	---
13	17.5	17.0	17.5	18.5	17.5	18.0	15.0	15.0	15.0	---	---	---
14	17.5	17.0	17.5	18.0	17.5	18.0	15.5	15.0	15.0	12.5	12.0	12.5
15	17.5	16.5	17.0	18.0	18.0	18.0	15.0	15.0	15.0	12.5	12.0	12.0
16	17.5	16.5	17.0	18.0	18.0	18.0	15.0	15.0	15.0	12.0	12.0	12.0
17	18.5	17.0	17.5	18.0	18.0	18.0	15.0	15.0	15.0	12.0	11.5	12.0
18	19.0	17.0	17.5	18.0	17.5	17.5	15.0	14.5	15.0	11.5	11.5	11.5
19	18.0	17.0	17.5	17.5	17.5	17.5	14.5	14.5	14.5	11.5	11.5	11.5
20	18.0	17.5	18.0	17.5	17.5	17.5	14.5	14.5	14.5	11.5	11.5	11.5
21	18.0	17.0	17.5	---	---	---	14.5	14.5	14.5	11.5	11.0	11.5
22	20.0	17.0	18.5	17.5	17.0	17.5	14.5	14.5	14.5	11.5	11.0	11.0
23	20.5	18.0	20.0	17.5	16.5	17.0	14.5	14.0	14.0	11.0	11.0	11.0
24	20.0	19.0	19.5	17.0	16.5	16.5	14.0	14.0	14.0	11.0	10.5	11.0
25	---	---	---	17.0	16.5	17.0	14.0	14.0	14.0	10.5	10.5	10.5
26	---	---	---	17.0	16.5	17.0	14.0	13.5	13.5	10.5	10.0	10.5
27	---	---	---	17.0	16.5	17.0	13.5	13.5	13.5	10.5	10.0	10.0
28	---	---	---	17.0	16.0	16.5	13.5	13.0	13.5	10.0	9.5	9.5
29	---	---	---	16.5	16.5	16.5	13.5	13.0	13.0	10.0	9.5	9.5
30	---	---	---	16.5	16.5	16.5	13.0	13.0	13.0	10.0	9.0	9.0
31	---	---	---	---	---	---	13.0	12.5	13.0	9.5	9.0	9.5
MONTH	20.5	16.5	17.5	18.5	16.0	17.4	16.5	12.5	14.8	13.5	9.0	11.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.0	9.0	9.5	9.0	8.5	8.5	11.0	10.5	10.5	13.5	12.5	13.0
2	9.0	9.0	9.0	9.0	8.5	8.5	11.0	10.0	10.5	13.5	12.5	13.0
3	9.0	9.0	9.0	9.5	8.0	9.0	11.0	10.0	10.5	13.5	12.5	13.0
4	9.5	9.0	9.0	8.5	8.5	8.5	14.0	10.0	11.5	13.0	12.5	13.0
5	9.0	8.5	9.0	9.0	8.5	8.5	13.5	12.0	12.5	13.5	13.0	13.0
6	9.0	8.5	8.5	9.0	8.5	8.5	14.0	10.5	12.0	13.5	12.5	13.0
7	8.5	8.5	8.5	9.0	8.5	8.5	11.5	10.5	11.5	13.5	12.5	13.0
8	9.0	8.0	8.5	9.0	8.5	8.5	---	---	---	13.5	12.5	13.0
9	8.5	8.0	8.5	9.0	8.5	9.0	---	---	---	13.5	12.5	13.0
10	8.5	8.0	8.5	9.0	8.5	9.0	---	---	---	13.5	12.5	13.0
11	9.0	8.5	8.5	9.0	8.5	8.5	---	---	---	13.5	12.5	13.0
12	8.5	8.0	8.0	10.5	8.5	9.5	---	---	---	13.5	13.0	13.0
13	8.0	8.0	8.0	10.0	9.0	9.5	12.0	11.0	11.5	13.5	13.0	13.0
14	---	---	---	9.0	9.0	9.0	12.0	11.5	11.5	13.5	12.5	13.0
15	---	---	---	9.5	9.0	9.0	12.5	11.5	12.0	13.5	13.0	13.0
16	---	---	---	9.5	9.0	9.5	12.5	11.5	12.0	---	---	---
17	---	---	---	10.5	9.0	9.5	12.0	11.0	12.0	---	---	---
18	8.5	8.0	8.0	10.5	9.0	9.5	13.5	11.5	12.5	---	---	---
19	9.5	8.5	9.0	9.5	9.0	9.0	12.5	11.5	12.0	---	---	---
20	9.0	8.5	8.5	---	---	---	13.0	11.5	12.0	13.5	13.0	13.5
21	8.5	8.5	8.5	---	---	---	13.5	12.0	13.0	13.5	13.5	13.5
22	9.0	8.0	8.5	---	---	---	14.0	13.0	13.5	13.5	13.5	13.5
23	9.0	8.5	8.5	---	---	---	14.0	12.0	12.5	13.5	13.5	13.5
24	9.0	8.0	8.5	10.5	9.5	10.0	12.5	12.0	12.5	13.5	13.0	13.5
25	8.5	8.0	8.5	10.5	9.5	10.0	13.5	12.5	13.0	14.0	13.0	13.5
26	8.5	8.0	8.5	11.0	10.0	10.5	13.5	12.0	12.5	13.5	13.5	13.5
27	8.5	8.0	8.5	10.5	9.0	10.0	13.0	12.0	12.5	14.0	13.5	13.5
28	9.0	8.0	8.5	15.0	10.0	12.0	13.5	12.0	12.5	14.0	13.5	13.5
29	9.0	8.5	8.5	11.0	10.0	10.5	13.5	12.0	13.0	14.0	13.5	13.5
30	---	---	---	10.5	10.0	10.5	13.0	12.0	12.5	14.0	13.5	13.5
31	---	---	---	11.0	10.5	10.5	---	---	---	14.0	13.5	13.5
MONTH	10.0	8.0	8.6	15.0	8.0	9.4	14.0	10.0	12.1	14.0	12.5	13.2

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.0	13.5	13.5	15.0	14.5	15.0	15.5	15.0	15.5	16.5	16.0	16.5
2	14.0	13.5	14.0	15.0	14.5	15.0	15.5	15.0	15.5	16.5	16.0	16.5
3	14.0	13.5	13.5	15.0	14.5	15.0	15.5	15.5	15.5	16.5	16.0	16.5
4	14.0	13.5	14.0	15.0	14.5	15.0	15.5	15.5	15.5	16.5	16.0	16.5
5	14.0	13.5	14.0	15.0	14.5	15.0	15.5	15.5	15.5	16.5	16.0	16.5
6	14.0	14.0	14.0	15.0	14.5	15.0	15.5	15.5	15.5	16.5	16.0	16.5
7	14.0	13.5	14.0	15.0	15.0	15.0	16.0	15.0	15.5	16.5	16.0	16.5
8	14.0	14.0	14.0	15.0	15.0	15.0	15.5	15.5	15.5	16.5	16.5	16.5
9	14.5	13.5	14.0	15.5	15.0	15.0	16.0	15.5	15.5	16.5	16.5	16.5
10	14.0	13.5	14.0	15.0	15.0	15.0	16.0	15.5	15.5	16.5	16.5	16.5
11	14.5	14.0	14.0	15.0	15.0	15.0	16.0	15.5	15.5	16.5	16.0	16.5
12	14.5	14.0	14.0	15.0	15.0	15.0	16.0	15.5	15.5	16.5	16.5	16.5
13	14.0	13.5	14.0	15.0	15.0	15.0	16.0	15.5	16.0	16.5	16.5	16.5
14	14.0	14.0	14.0	15.5	15.0	15.0	16.0	15.5	16.0	16.5	16.5	16.5
15	14.0	13.5	14.0	15.5	15.0	15.0	16.0	15.5	16.0	17.0	16.5	16.5
16	14.5	14.0	14.0	15.0	15.0	15.0	16.0	15.5	16.0	16.5	16.5	16.5
17	14.0	14.0	14.0	15.0	15.0	15.0	16.0	15.5	16.0	17.0	16.5	16.5
18	14.5	14.0	14.0	15.5	15.0	15.0	16.0	15.5	16.0	17.0	16.5	16.5
19	14.5	14.0	14.0	15.5	15.0	15.0	16.0	15.5	16.0	17.0	16.5	16.5
20	---	---	---	15.5	15.0	15.0	16.0	15.5	16.0	17.0	16.5	17.0
21	---	---	---	15.5	15.0	15.0	16.0	16.0	16.0	17.0	16.5	17.0
22	---	---	---	15.5	15.0	15.0	16.0	16.0	16.0	16.5	16.5	16.5
23	---	---	---	15.5	15.0	15.0	16.5	16.0	16.0	17.0	16.5	17.0
24	---	---	---	15.5	15.0	15.5	16.5	15.5	16.0	17.0	16.0	17.0
25	---	---	---	15.5	15.0	15.5	16.0	16.0	16.0	---	---	---
26	---	---	---	15.5	15.0	15.5	16.5	16.0	16.0	---	---	---
27	---	---	---	15.5	15.0	15.5	16.5	16.0	16.5	---	---	---
28	15.0	14.5	15.0	15.5	15.0	15.5	16.5	16.0	16.0	---	---	---
29	15.0	14.5	15.0	15.5	15.0	15.5	16.5	16.0	16.0	17.5	17.0	17.0
30	15.0	14.5	14.5	15.5	15.0	15.5	16.5	16.0	16.5	17.5	17.0	17.0
31	---	---	---	15.5	15.5	15.5	16.5	16.0	16.0	---	---	---
MONTH	15.0	13.5	14.1	15.5	14.5	15.1	16.5	15.0	15.8	17.5	16.0	16.6
YEAR	20.5	8.0	13.8									

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	---	---	---	---	---	---	7.8	6.9	7.3	9.6	9.4	9.5
2	---	---	---	---	---	---	7.9	7.2	7.6	9.7	9.5	9.6
3	---	---	---	---	---	---	8.0	7.3	7.6	10.3	9.6	9.8
4	---	---	---	---	---	---	8.1	7.4	7.7	10.1	9.6	9.9
5	---	---	---	---	---	---	8.2	7.6	7.9	10.0	9.6	9.7
6	---	---	---	---	---	---	8.2	7.7	8.0	9.6	9.4	9.5
7	---	---	---	---	---	---	8.5	7.8	8.1	9.5	9.4	9.5
8	---	---	---	---	---	---	8.5	7.8	8.2	9.6	9.3	9.4
9	---	---	---	---	---	---	8.5	7.8	8.2	9.4	9.2	9.3
10	---	---	---	---	---	---	8.6	7.9	8.3	---	---	---
11	---	---	---	---	---	---	8.6	8.1	8.4	---	---	---
12	---	---	---	---	---	---	8.7	8.1	8.4	---	---	---
13	---	---	---	---	---	---	8.8	8.3	8.5	---	---	---
14	---	---	---	---	---	---	8.9	8.3	8.6	9.8	9.2	9.5
15	---	---	---	---	---	---	8.9	8.4	8.6	9.7	9.2	9.5
16	---	---	---	---	---	---	8.8	8.5	8.7	9.8	9.3	9.5
17	---	---	---	---	---	---	8.8	8.7	8.7	9.8	9.5	9.7
18	---	---	---	---	---	---	8.8	8.6	8.7	9.8	9.5	9.7
19	---	---	---	---	---	---	8.9	8.7	8.7	9.8	9.6	9.7
20	---	---	---	---	---	---	8.9	8.7	8.8	9.9	9.6	9.8
21	---	---	---	---	---	---	8.8	8.7	8.8	10.0	9.7	9.9
22	---	---	---	---	---	---	8.9	8.7	8.8	10.0	9.7	9.9
23	---	---	---	---	---	---	8.8	8.6	8.7	9.9	9.7	9.8
24	---	---	---	6.8	6.3	6.6	8.9	8.7	8.8	10.0	9.8	9.9
25	---	---	---	7.0	6.4	6.7	9.1	8.8	9.0	10.1	9.9	10.0
26	---	---	---	7.1	6.3	6.7	9.2	9.0	9.1	10.2	9.9	10.1
27	---	---	---	7.3	6.6	7.0	9.2	9.1	9.2	10.1	9.9	10.0
28	---	---	---	7.4	6.7	7.0	9.5	9.2	9.3	10.1	9.9	10.0
29	---	---	---	7.5	6.9	7.2	9.5	9.3	9.4	10.2	10.0	10.1
30	---	---	---	7.7	6.9	7.3	9.6	9.4	9.5	10.2	9.9	10.1
31	---	---	---	---	---	---	9.6	9.5	9.5	10.2	10.0	10.1
MONTH	---	---	---	7.7	6.3	6.9	9.6	6.9	8.6	10.3	9.2	9.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.3	10.1	10.2	11.7	11.2	11.4	10.1	9.4	9.7	10.3	9.4	10.0
2	10.4	10.1	10.2	11.3	11.0	11.2	9.8	9.3	9.7	10.2	9.3	9.9
3	10.4	10.1	10.2	11.4	10.8	11.1	10.1	9.6	9.8	9.7	8.5	9.2
4	10.5	10.2	10.4	11.3	10.8	11.1	9.9	9.6	9.7	9.8	8.8	9.4
5	10.5	10.3	10.4	11.4	10.9	11.1	9.9	9.5	9.7	10.0	9.1	9.6
6	10.5	10.2	10.4	11.4	10.9	11.1	9.9	9.6	9.8	10.2	9.1	9.7
7	10.5	10.2	10.3	11.4	10.9	11.2	10.1	9.5	9.7	10.1	8.9	9.7
8	10.4	10.3	10.4	11.4	10.9	11.2	---	---	---	10.1	9.1	9.7
9	10.5	10.3	10.4	11.4	10.8	11.1	---	---	---	10.1	9.5	9.8
10	10.5	10.4	10.4	11.2	10.4	10.7	---	---	---	10.2	9.8	10.0
11	10.7	10.4	10.5	10.8	10.4	10.6	---	---	---	10.6	9.3	10.0
12	10.8	10.3	10.5	10.4	9.9	10.2	---	---	---	---	---	---
13	10.5	10.3	10.4	10.5	9.8	10.2	9.3	8.8	9.0	---	---	---
14	---	---	---	10.6	10.0	10.3	9.4	9.0	9.2	---	---	---
15	---	---	---	10.9	10.2	10.5	9.7	9.1	9.4	---	---	---
16	---	---	---	10.9	10.2	10.6	10.2	9.5	9.8	---	---	---
17	---	---	---	10.6	10.0	10.3	10.4	9.4	10.0	---	---	---
18	10.3	10.1	10.2	10.1	9.8	9.9	10.1	9.5	10.0	---	---	---
19	11.0	10.2	10.7	10.0	9.3	9.6	10.3	9.7	9.9	---	---	---
20	11.0	10.1	10.7	---	---	---	10.5	9.9	10.2	---	---	---
21	11.1	10.0	10.6	---	---	---	10.1	9.6	10.0	---	---	---
22	11.2	10.0	10.5	---	---	---	9.9	9.3	9.6	---	---	---
23	10.9	10.0	10.4	---	---	---	10.0	9.0	9.6	---	---	---
24	11.7	10.9	11.2	10.8	10.1	10.4	9.7	8.9	9.5	8.6	7.8	8.3
25	11.8	11.1	11.5	11.1	10.3	10.6	9.6	8.5	9.3	8.4	7.9	8.2
26	11.7	10.5	11.4	11.1	10.1	10.6	9.8	8.9	9.2	8.5	7.8	8.1
27	11.6	11.2	11.5	10.7	10.1	10.4	10.0	9.1	9.6	8.7	7.4	8.2
28	11.2	10.6	11.0	10.2	9.9	10.1	9.9	9.5	9.7	8.4	7.9	8.2
29	11.6	11.0	11.2	10.2	9.6	9.9	10.5	8.8	9.6	8.3	7.6	8.0
30	---	---	---	10.2	9.6	9.9	10.2	8.7	9.6	8.3	7.6	7.9
31	---	---	---	10.0	9.4	9.7	---	---	---	8.5	7.7	8.1
MONTH	11.8	10.0	10.6	11.7	9.3	10.6	10.5	8.5	9.7	10.6	7.4	9.1

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.4	7.7	8.2	8.2	7.6	7.9	---	---	---	---	---	---
2	8.6	8.0	8.2	8.1	7.6	7.8	---	---	---	---	---	---
3	8.3	7.7	8.0	8.0	7.7	7.9	---	---	---	---	---	---
4	8.2	7.5	7.9	8.0	7.6	7.8	---	---	---	---	---	---
5	8.0	7.3	7.7	8.0	7.5	7.8	---	---	---	---	---	---
6	8.1	7.7	7.9	7.9	7.2	7.7	---	---	---	---	---	---
7	8.0	7.4	7.7	8.0	7.3	7.7	---	---	---	---	---	---
8	8.2	7.2	7.8	8.2	7.3	7.8	---	---	---	---	---	---
9	8.2	7.3	7.7	7.9	7.6	7.7	---	---	---	9.0	7.4	8.4
10	8.2	7.6	7.9	7.9	7.6	7.7	---	---	---	9.3	8.0	8.7
11	8.2	7.4	7.8	7.9	7.5	7.6	9.0	7.8	8.5	9.6	8.3	9.0
12	8.0	7.5	7.7	8.0	7.3	7.6	9.1	7.9	8.6	9.6	8.6	9.1
13	7.9	7.3	7.7	8.0	7.2	7.6	9.1	7.9	8.5	9.7	8.8	9.3
14	7.9	7.4	7.6	8.1	7.3	7.7	8.9	7.9	8.4	9.6	9.0	9.3
15	7.8	7.2	7.4	8.0	7.3	7.7	9.3	7.6	8.6	9.5	8.8	9.2
16	7.6	7.1	7.5	8.0	7.2	7.6	9.3	8.1	8.8	9.2	8.7	8.9
17	7.9	7.2	7.6	7.9	7.0	7.5	9.3	7.5	8.4	8.8	6.9	7.9
18	8.4	7.7	8.0	7.8	7.3	7.6	9.6	8.0	9.0	7.1	6.2	6.7
19	8.1	7.7	7.9	7.8	7.3	7.6	9.4	7.9	8.8	8.0	7.1	7.6
20	---	---	---	8.1	7.1	7.6	9.2	7.1	8.3	8.5	7.7	8.1
21	---	---	---	8.1	7.4	7.8	8.6	6.4	7.6	8.4	7.8	8.2
22	---	---	---	7.7	6.8	7.2	8.4	7.3	7.8	8.0	6.7	7.4
23	---	---	---	7.4	6.5	6.9	8.6	7.0	7.7	7.8	6.0	7.3
24	---	---	---	7.4	6.5	7.1	8.5	7.7	8.1	8.4	7.4	7.8
25	---	---	---	7.5	7.1	7.3	8.6	7.8	8.2	---	---	---
26	---	---	---	7.4	6.8	7.1	8.8	7.2	8.1	---	---	---
27	---	---	---	7.6	7.0	7.3	8.6	7.4	8.1	---	---	---
28	8.1	7.7	7.9	7.7	7.0	7.3	8.2	7.3	7.8	---	---	---
29	8.0	7.7	7.8	7.6	6.9	7.3	7.8	6.8	7.3	8.0	7.4	7.8
30	8.1	7.3	7.8	7.5	7.0	7.3	7.3	6.6	7.0	8.3	7.6	7.9
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	8.6	7.1	7.8	8.2	6.5	7.6	9.6	6.4	8.2	9.7	6.0	8.3
YEAR	11.8	6.0	9.0									

02168500 LAKE MURRAY NEAR COLUMBIA, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.2	.4	.6	---	---	---	7.9	3.4	6.4	10.1	10.0	10.1
2	.6	.3	.4	---	---	---	8.4	7.5	8.1	10.2	10.1	10.1
3	.5	.4	.4	---	---	---	9.1	8.0	8.3	10.3	10.0	10.2
4	1.3	.4	.5	---	---	---	8.4	8.0	8.2	10.4	10.1	10.3
5	2.5	.3	.5	---	---	---	8.8	7.9	8.2	10.5	10.2	10.3
6	3.5	.2	.7	---	---	---	8.2	7.8	8.0	10.3	10.1	10.2
7	.4	.2	.3	---	---	---	8.5	7.9	8.2	10.3	10.1	10.2
8	1.0	.2	.2	---	---	---	8.9	8.2	8.5	10.4	10.1	10.1
9	2.7	.1	.5	---	---	---	8.8	8.4	8.5	10.2	10.0	10.1
10	.3	.1	.2	---	---	---	8.7	8.3	8.5	---	---	---
11	.4	.1	.2	---	---	---	8.7	8.3	8.4	---	---	---
12	.6	.2	.3	7.8	5.4	6.8	8.5	8.3	8.4	---	---	---
13	.5	.2	.4	8.1	6.9	7.5	8.7	8.3	8.5	---	---	---
14	2.1	.2	.5	8.5	6.0	7.8	8.7	8.3	8.5	10.5	9.9	10.3
15	2.8	.2	.5	8.5	6.9	8.0	8.7	8.5	8.6	10.5	10.1	10.2
16	.6	.2	.3	8.5	7.6	8.2	9.0	8.6	8.9	10.4	10.1	10.2
17	2.7	.2	1.0	---	---	---	9.1	8.9	9.0	10.5	10.3	10.4
18	5.6	.2	1.5	---	---	---	9.4	9.0	9.1	10.5	10.2	10.3
19	2.4	.0	.4	---	---	---	9.3	9.2	9.2	10.4	10.1	10.3
20	.5	.0	.2	---	---	---	9.3	9.2	9.3	10.4	10.1	10.2
21	2.0	.1	.4	---	---	---	9.4	9.2	9.3	10.4	10.2	10.3
22	6.2	.4	1.6	---	---	---	9.4	9.2	9.3	10.4	10.2	10.3
23	8.9	.9	5.6	---	---	---	9.6	9.3	9.3	10.4	10.3	10.3
24	8.6	1.6	5.7	8.5	7.3	8.0	9.6	9.3	9.4	10.4	10.2	10.3
25	---	---	---	8.6	7.1	7.9	9.6	9.5	9.6	10.4	10.2	10.3
26	---	---	---	8.2	7.1	7.7	9.7	9.5	9.6	10.5	10.1	10.3
27	---	---	---	7.7	7.1	7.4	9.8	9.7	9.8	10.3	10.2	10.2
28	---	---	---	7.8	7.0	7.3	10.0	9.7	9.9	10.3	10.2	10.2
29	---	---	---	7.8	6.7	7.3	10.1	9.9	10.0	10.3	10.2	10.2
30	---	---	---	7.6	5.9	6.8	10.1	9.9	10.0	10.4	10.2	10.3
31	---	---	---	---	---	---	10.1	10.0	10.1	10.3	10.2	10.3
MONTH	8.9	.0	1.0	8.6	5.4	7.6	10.1	3.4	8.9	10.5	9.9	10.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.4	10.2	10.3	10.2	9.9	10.1	9.8	9.7	9.8	---	---	---
2	10.3	10.2	10.3	10.5	10.0	10.1	10.3	9.7	10.0	---	---	---
3	10.4	10.2	10.3	10.1	9.9	10.0	10.3	9.7	9.9	11.7	11.3	11.5
4	10.4	10.2	10.3	10.2	9.9	10.0	10.7	9.6	9.9	12.3	11.3	11.5
5	10.4	10.2	10.4	10.1	9.9	10.1	10.3	9.8	10.1	12.3	11.2	11.6
6	10.3	10.3	10.3	11.1	9.9	10.1	10.3	9.7	10.0	12.4	11.0	11.4
7	10.5	10.1	10.2	10.1	9.8	10.0	9.8	9.6	9.7	---	---	---
8	10.5	10.2	10.3	12.1	9.8	10.2	---	---	---	---	---	---
9	10.7	10.4	10.5	10.2	9.8	9.9	---	---	---	---	---	---
10	10.7	10.6	10.6	10.1	9.7	9.9	---	---	---	11.3	11.0	11.2
11	10.8	10.5	10.6	9.9	9.8	9.8	---	---	---	12.1	11.0	11.3
12	10.8	10.5	10.6	10.0	9.7	9.8	---	---	---	11.7	11.0	11.2
13	10.9	10.7	10.8	9.8	9.6	9.7	9.9	9.5	9.7	11.3	10.9	11.1
14	---	---	---	9.8	9.7	9.8	9.9	9.6	9.7	12.2	10.8	11.4
15	---	---	---	9.8	9.6	9.7	10.3	9.7	10.0	---	---	---
16	---	---	---	9.7	9.6	9.6	10.2	9.9	10.0	---	---	---
17	---	---	---	9.6	9.5	9.6	10.2	9.9	10.0	---	---	---
18	10.8	10.5	10.6	9.6	9.4	9.5	10.6	9.9	10.3	---	---	---
19	11.9	10.3	10.6	9.6	9.4	9.5	10.7	10.3	10.5	---	---	---
20	10.6	10.3	10.4	---	---	---	11.1	10.3	10.8	---	---	---
21	10.6	10.3	10.5	---	---	---	11.9	10.7	11.2	---	---	---
22	10.5	10.1	10.3	---	---	---	12.7	11.4	12.0	---	---	---
23	10.2	10.1	10.1	---	---	---	12.0	11.1	11.5	9.9	9.2	9.5
24	10.3	10.0	10.1	9.5	9.3	9.4	11.7	11.2	11.4	9.6	9.2	9.4
25	10.3	10.0	10.2	9.4	9.3	9.3	11.8	11.2	11.4	10.3	9.1	9.5
26	10.3	10.0	10.2	9.9	9.3	9.5	11.9	11.2	11.4	10.4	10.0	10.2
27	10.2	9.9	10.1	9.6	9.4	9.5	12.0	11.2	11.4	10.2	9.6	10.0
28	10.2	9.9	10.1	9.9	9.5	9.7	12.1	11.1	11.5	10.6	9.3	9.7
29	10.2	9.9	10.1	9.9	9.6	9.7	11.9	11.3	11.5	9.9	9.1	9.5
30	---	---	---	9.9	9.7	9.7	12.1	11.1	11.5	9.9	8.7	9.2
31	---	---	---	10.0	9.7	9.8	---	---	---	9.5	8.7	8.8
MONTH	11.9	9.9	10.4	12.1	9.3	9.8	12.7	9.5	10.6	12.4	8.7	10.4

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.4	8.5	8.7	4.9	4.6	4.8	3.8	3.6	3.7	3.4	2.4	2.6
2	9.6	8.4	8.6	5.2	4.6	4.8	3.9	3.7	3.8	3.1	2.4	2.5
3	8.8	8.4	8.5	4.8	4.6	4.7	3.8	3.5	3.6	2.6	2.2	2.5
4	8.8	8.1	8.3	4.8	4.5	4.6	3.7	3.5	3.6	2.5	2.1	2.3
5	8.5	7.9	8.2	4.8	4.6	4.7	3.9	3.5	3.6	2.6	2.2	2.4
6	8.1	7.7	7.9	4.9	4.6	4.7	3.7	3.5	3.6	2.6	2.0	2.3
7	8.0	7.6	7.8	4.7	4.6	4.7	3.6	3.3	3.5	2.4	1.9	2.2
8	7.8	7.5	7.7	4.7	4.5	4.6	3.6	3.3	3.4	2.8	2.2	2.3
9	7.9	7.5	7.6	4.6	4.4	4.5	3.6	3.2	3.4	2.2	1.9	2.1
10	7.6	7.3	7.5	4.7	4.5	4.6	3.7	3.1	3.3	2.5	1.9	2.1
11	7.9	7.3	7.5	4.6	4.5	4.5	3.3	3.2	3.3	2.4	2.0	2.2
12	7.8	7.2	7.4	4.6	4.4	4.5	3.4	3.1	3.3	2.3	1.7	2.1
13	8.3	7.2	7.6	4.5	4.4	4.4	3.3	2.7	3.1	2.3	1.9	2.0
14	7.7	7.2	7.4	4.5	4.4	4.4	3.1	2.7	3.0	3.0	1.8	2.0
15	7.6	7.1	7.3	4.5	4.3	4.4	3.2	2.9	3.0	3.7	1.7	2.0
16	7.4	7.1	7.2	4.7	4.3	4.4	3.3	2.9	3.0	2.5	1.6	2.0
17	7.4	7.1	7.2	4.4	4.1	4.3	3.3	2.8	3.1	2.0	1.5	1.8
18	7.6	7.0	7.1	4.6	4.2	4.3	3.2	3.0	3.0	2.1	1.4	1.9
19	7.3	7.0	7.1	4.3	4.0	4.2	3.0	2.8	3.0	3.3	1.4	1.9
20	---	---	---	4.3	4.2	4.2	3.1	2.7	2.9	2.9	1.6	1.9
21	---	---	---	4.4	4.2	4.2	3.0	2.5	2.8	1.9	1.6	1.7
22	---	---	---	4.3	4.1	4.2	3.7	2.3	2.8	1.9	1.6	1.8
23	---	---	---	4.2	3.9	4.1	3.4	2.6	2.9	2.0	1.5	1.7
24	---	---	---	4.2	4.0	4.0	2.9	2.6	2.8	1.8	1.4	1.6
25	---	---	---	4.1	3.8	4.0	3.2	2.7	2.8	---	---	---
26	---	---	---	4.3	3.8	4.0	3.7	2.7	2.9	---	---	---
27	---	---	---	4.2	3.8	3.9	2.9	2.4	2.7	---	---	---
28	5.4	5.0	5.1	4.2	3.8	3.9	3.3	2.6	2.7	---	---	---
29	5.0	4.6	4.9	4.7	3.8	4.0	3.1	2.3	2.7	.6	.3	.4
30	4.8	4.6	4.7	3.9	3.7	3.8	2.8	2.3	2.5	.7	.3	.5
31	---	---	---	3.8	3.6	3.7	4.0	2.3	2.6	---	---	---
MONTH	9.6	4.6	7.3	5.2	3.6	4.3	4.0	2.3	3.1	3.7	.3	2.0
YEAR	12.7	.0	7.0									