

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 current year.

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

REMARKS.--Temperature (top) records rated excellent except for June 20 to July 3, which are good. Temperature (bottom) records rated excellent except for Oct. 15 to Nov. 7 and Apr. 29 to June 5, which are poor. Dissolved oxygen (top) records rated excellent except for Apr. 10-12, June 26 to July 3, July 22 to Aug. 1, and Sep. 17-24, which are good, and Aug. 2-6 and Sep. 25-30, which are fair. Dissolved oxygen (bottom) records rated excellent, except for Mar. 1-4 and Mar. 25 to Apr. 2, which are good, Sep. 13-17, which are fair, and Nov. 16-25 and Sep. 18-30, which are poor.

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, 26.2°C Sep. 13, 2003; minimum, 7.5°C on many days during Jan. and Feb. 1994, Feb. and Mar. 1996, Jan. and Feb. 2001.

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, 13.7 mg/L, Mar. 13, 2001; minimum, 0.0 mg/L on many days during 1993-2000, 2003.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE (Top): Maximum, 31.8°C, Aug. 28, 30; minimum, 8.2°C, Jan. 31.

WATER TEMPERATURE (Bottom): Maximum, 26.2°C, Sep. 13; minimum, 8.3°C Jan. 31, Feb. 1, 7..

DISSOLVED OXYGEN (Top): Maximum, 12.4 mg/L, Apr. 4; minimum 0.2 mg/L, Sep. 6.

DISSOLVED OXYGEN (Bottom): Maximum, 11.8 mg/L, Mar. 30; minimum, 0.0 mg/L, many days in August and September.

Temperature, water, Top, degrees Celsius  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.1	24.8	25.4	---	---	---	15.4	15.1	15.2	11.3	10.9	11.0
2	26.7	25.5	26.0	20.6	20.1	20.3	15.4	14.9	15.0	11.1	10.8	11.0
3	27.0	25.8	26.4	20.2	19.8	20.0	15.1	14.7	14.8	11.0	10.6	10.9
4	27.5	26.2	26.7	19.9	19.5	19.7	14.7	14.4	14.5	11.2	10.4	10.7
5	27.4	26.3	26.8	19.6	19.3	19.5	14.4	14.1	14.2	10.8	10.4	10.6
6	27.7	26.6	27.1	19.6	19.0	19.3	14.3	13.8	14.1	10.9	10.3	10.5
7	27.8	26.4	27.3	19.3	18.8	19.0	14.4	13.7	13.9	10.7	10.3	10.4
8	26.4	24.7	25.3	19.3	18.7	18.9	13.9	13.4	13.7	10.7	10.1	10.3
9	24.7	24.4	24.6	19.1	18.7	18.8	13.6	13.2	13.4	10.8	10.2	10.5
10	24.9	24.3	24.5	19.3	18.6	18.9	13.2	12.9	13.0	10.9	10.5	10.7
11	24.5	24.3	24.4	---	---	---	12.9	12.7	12.8	11.0	10.3	10.5
12	25.9	24.4	24.9	---	---	---	12.8	12.6	12.7	10.8	10.3	10.5
13	25.5	24.9	25.2	---	---	---	12.6	12.4	12.6	10.5	10.1	10.3
14	24.9	23.9	24.3	18.9	18.3	18.5	12.6	12.2	12.3	10.6	10.1	10.4
15	24.0	23.3	23.6	18.5	18.2	18.3	12.9	12.0	12.3	10.6	10.0	10.2
16	23.4	23.1	23.2	18.2	18.0	18.1	12.5	11.9	12.1	10.6	10.0	10.2
17	23.5	22.8	23.0	18.0	17.6	17.9	12.3	11.8	12.0	10.5	9.8	10.1
18	23.3	22.6	22.9	18.1	17.5	17.6	12.1	11.8	11.9	10.2	9.8	10.0
19	23.0	22.4	22.7	17.7	17.2	17.4	12.2	11.8	11.9	10.0	9.4	9.7
20	---	---	---	17.4	17.1	17.3	12.3	11.8	12.1	10.0	9.2	9.6
21	---	---	---	17.3	17.1	17.2	12.1	11.6	11.9	10.2	9.4	9.7
22	---	---	---	17.2	16.8	17.0	12.1	11.6	11.8	10.2	9.4	9.7
23	22.0	21.7	21.9	17.0	16.5	16.7	12.4	11.6	11.9	9.9	9.2	9.6
24	22.0	21.5	21.7	17.0	16.4	16.6	11.7	11.5	11.6	9.6	8.8	9.4
25	21.5	21.2	21.4	16.6	16.3	16.5	11.9	11.2	11.5	9.5	8.7	9.2
26	21.6	21.1	21.3	16.7	16.3	16.4	11.2	10.8	11.1	9.6	9.0	9.2
27	21.5	21.2	21.3	16.4	16.1	16.2	11.3	10.7	10.9	9.4	8.7	9.0
28	21.6	21.1	21.3	16.4	15.9	16.0	11.3	10.7	10.9	9.4	8.6	8.9
29	21.4	20.8	21.1	16.1	15.5	15.8	11.2	10.6	10.8	9.3	8.6	8.9
30	20.9	20.7	20.8	15.6	15.2	15.4	11.3	10.6	10.9	9.1	8.5	8.8
31	21.2	20.6	20.8	---	---	---	11.0	10.7	10.9	9.2	8.2	8.6
MONTH	---	---	---	---	---	---	15.4	10.6	12.5	11.3	8.2	10.0

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, Top, degrees Celsius  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	9.4	8.5	8.9	9.1	8.6	8.9	15.4	14.7	15.0	23.1	18.7	20.2
2	9.1	8.4	8.7	9.4	8.8	9.0	16.8	14.8	15.6	24.2	18.5	21.9
3	9.3	8.7	9.0	9.6	8.9	9.3	17.7	15.3	16.2	23.2	21.9	22.5
4	9.7	9.1	9.3	9.9	9.1	9.4	18.3	16.0	17.1	22.8	19.5	21.5
5	9.5	8.8	9.1	10.0	9.2	9.6	17.6	16.9	17.2	20.1	16.8	18.3
6	9.1	8.5	8.7	10.1	9.3	9.8	17.1	15.3	16.4	21.4	19.0	20.3
7	9.0	8.3	8.7	10.4	9.3	10.0	15.9	14.4	15.0	23.5	20.3	21.6
8	9.3	8.7	9.0	11.3	9.6	10.4	15.2	14.6	14.8	25.3	22.4	23.8
9	9.4	8.8	9.0	13.1	11.1	11.5	14.6	14.2	14.5	25.7	23.6	24.6
10	9.4	8.8	9.0	12.9	10.9	12.1	14.2	14.0	14.1	27.0	24.3	25.7
11	9.5	8.8	9.1	12.7	10.3	11.5	14.4	13.9	14.1	26.4	25.6	25.9
12	9.6	9.0	9.2	13.6	11.7	12.4	---	---	---	25.7	24.6	25.1
13	9.4	8.9	9.1	15.0	13.6	14.4	---	---	---	25.1	24.0	24.4
14	9.4	8.8	9.1	14.5	9.6	10.8	---	---	---	25.0	23.9	24.3
15	9.2	8.9	9.0	10.5	9.8	10.0	---	---	---	24.5	23.6	24.1
16	9.0	8.7	8.9	11.2	10.1	10.5	16.3	14.9	15.5	24.3	23.6	23.9
17	9.4	8.6	8.8	11.6	10.5	11.0	18.5	15.4	16.5	24.1	20.1	22.1
18	9.4	8.4	8.9	11.9	10.6	11.3	16.8	13.9	14.7	20.1	18.8	19.4
19	9.1	8.3	8.8	12.4	10.0	10.7	14.6	14.1	14.3	20.2	19.4	19.9
20	9.3	8.5	8.8	11.4	10.0	10.6	16.5	14.5	15.1	21.9	19.9	20.6
21	8.8	8.3	8.6	14.0	11.2	12.1	17.5	15.6	16.7	23.6	21.4	22.5
22	9.5	8.4	8.8	14.6	12.6	13.2	18.6	17.1	17.8	22.4	20.5	21.0
23	10.0	8.6	9.3	14.3	13.3	13.8	19.0	17.1	18.0	20.6	20.2	20.4
24	9.8	9.0	9.4	16.7	13.5	14.7	18.7	17.7	18.3	22.2	20.4	21.0
25	9.6	8.9	9.2	19.5	14.1	15.6	18.4	17.3	17.8	23.8	21.2	21.8
26	9.2	8.5	8.9	18.9	15.4	17.6	19.2	17.2	18.2	22.9	21.6	22.3
27	9.2	8.6	8.9	15.9	14.3	14.7	19.9	17.8	18.7	24.3	22.3	23.5
28	9.2	8.6	8.9	14.7	13.2	13.8	20.0	18.8	19.4	24.9	23.1	24.0
29	---	---	---	17.5	14.1	15.6	23.1	18.8	20.2	25.0	23.4	24.3
30	---	---	---	18.1	14.9	16.1	24.5	22.3	23.1	25.8	23.1	24.4
31	---	---	---	15.5	15.0	15.2	---	---	---	25.0	24.1	24.5
MONTH	10.0	8.3	9.0	19.5	8.6	12.1	---	---	---	27.0	16.8	22.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
Temperature, water, Top, degrees Celsius												
JUNE			JULY			AUGUST			SEPTEMBER			
1	24.9	23.5	24.2	28.9	27.1	28.1	29.4	28.1	28.5	30.8	29.1	29.5
2	24.5	23.2	23.7	27.5	26.5	26.9	28.8	28.2	28.5	30.8	28.8	29.6
3	23.9	23.0	23.4	28.6	26.3	27.3	29.1	27.9	28.5	30.4	29.1	29.5
4	24.4	23.2	23.7	29.5	26.9	28.1	29.5	28.2	28.7	30.9	29.0	29.6
5	25.7	23.4	24.0	28.7	27.4	28.0	29.2	28.2	28.7	29.5	28.0	28.7
6	24.1	23.3	23.6	29.7	27.7	28.6	29.4	28.1	28.7	28.1	26.7	27.4
7	24.2	23.4	23.8	30.5	28.4	29.3	29.5	28.3	28.8	26.8	26.4	26.6
8	26.0	23.6	24.5	30.9	29.0	29.8	30.4	28.5	29.1	27.0	26.1	26.3
9	27.5	25.0	26.0	31.0	29.6	30.3	30.3	28.0	28.9	26.9	25.8	26.1
10	28.1	26.1	27.0	30.4	29.5	30.0	29.7	28.2	28.8	26.9	25.6	25.9
11	29.0	27.0	27.9	29.8	29.0	29.4	29.2	28.1	28.4	26.7	25.4	25.7
12	29.1	27.2	27.9	30.4	28.8	29.4	28.8	27.9	28.3	25.9	25.3	25.5
13	28.4	27.1	27.7	30.1	28.7	29.4	29.2	27.8	28.2	27.1	25.2	26.0
14	28.0	27.1	27.5	29.7	28.2	28.6	28.7	27.6	28.1	26.8	25.9	26.3
15	29.3	27.2	28.3	30.6	28.0	28.7	30.3	27.5	28.7	27.5	25.8	26.3
16	30.1	27.7	28.8	30.7	28.8	29.8	30.1	29.0	29.4	26.1	25.1	25.5
17	28.6	26.5	27.4	29.9	29.2	29.5	29.4	28.6	28.9	26.0	24.9	25.2
18	27.9	26.0	27.3	31.0	28.8	29.6	30.3	28.4	29.2	25.6	24.8	25.0
19	28.9	27.5	28.1	30.3	29.0	29.5	29.9	28.3	29.0	26.0	24.7	25.3
20	29.0	27.8	28.3	30.9	28.8	29.7	29.2	28.0	28.3	26.5	25.1	25.7
21	28.4	27.0	27.7	30.6	29.3	30.1	30.0	28.1	28.8	25.8	25.1	25.5
22	29.2	27.0	28.0	30.0	29.0	29.4	30.1	28.8	29.5	25.4	24.8	25.1
23	30.4	28.0	29.2	29.0	28.1	28.6	30.3	29.1	29.6	26.1	24.9	25.3
24	31.0	28.8	29.6	28.9	27.8	28.2	29.8	28.5	29.2	25.4	24.7	24.9
25	31.2	29.0	30.0	28.5	27.6	27.9	30.2	28.3	29.2	26.3	24.6	25.4
26	30.9	29.6	30.2	28.4	27.4	27.7	30.5	29.4	29.9	25.8	25.0	25.4
27	31.1	29.4	30.2	28.7	27.6	27.8	31.1	29.7	30.4	26.7	24.9	25.8
28	30.0	28.6	29.4	29.6	27.7	28.5	31.8	29.6	30.6	26.3	25.2	25.8
29	29.9	28.2	29.0	30.2	28.7	29.5	31.5	29.7	30.5	25.4	24.5	24.9
30	29.7	28.9	29.2	29.6	28.5	29.0	31.8	29.8	30.6	24.9	24.2	24.4
31	---	---	---	29.3	28.2	28.6	31.1	29.2	30.0	---	---	---
MONTH	31.2	23.0	27.2	31.0	26.3	28.9	31.8	27.5	29.1	30.9	24.2	26.3

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, Bottom, degrees Celsius  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	17.5	17.2	17.4	---	---	---	15.7	15.4	15.5	11.3	10.8	11.0
2	17.7	16.4	17.2	21.8	18.1	20.7	15.5	15.2	15.4	11.2	11.0	11.1
3	17.9	16.9	17.5	20.7	20.0	20.3	15.4	15.0	15.2	11.1	10.9	11.0
4	17.9	17.2	17.4	20.2	19.8	20.0	15.1	14.7	14.9	11.0	10.7	10.8
5	18.4	17.1	17.6	20.0	19.3	19.7	14.8	14.5	14.6	11.0	10.7	10.8
6	17.6	17.1	17.3	20.6	19.6	20.3	14.6	14.2	14.4	11.0	10.6	10.7
7	---	---	---	19.7	18.8	19.1	14.4	14.0	14.2	10.7	10.5	10.6
8	17.9	16.6	17.2	19.0	18.6	18.8	14.2	13.9	14.0	10.6	10.3	10.5
9	17.0	15.6	16.2	18.9	18.4	18.6	13.9	13.4	13.7	10.6	10.3	10.4
10	16.7	15.6	15.9	---	---	---	13.5	13.4	13.4	10.7	10.4	10.5
11	16.7	16.2	16.5	---	---	---	13.4	13.2	13.3	10.6	10.3	10.4
12	---	---	---	---	---	---	13.3	13.1	13.2	10.4	10.2	10.3
13	---	---	---	---	---	---	13.1	13.0	13.1	10.3	10.1	10.2
14	---	---	---	18.6	18.2	18.4	13.1	12.8	12.9	10.4	10.1	10.2
15	18.4	17.6	18.0	18.5	18.1	18.3	12.9	12.7	12.7	10.3	10.0	10.1
16	18.7	15.6	17.4	18.2	17.9	18.1	12.9	12.6	12.7	10.2	9.9	10.0
17	18.7	16.6	18.0	18.0	17.8	18.0	12.7	12.5	12.6	10.1	9.8	9.9
18	19.0	17.9	18.4	17.9	17.5	17.7	12.6	12.3	12.5	10.0	9.7	9.8
19	---	---	---	17.8	17.4	17.5	12.4	11.8	12.2	9.8	9.4	9.6
20	---	---	---	17.5	17.3	17.4	12.3	11.9	12.1	9.8	9.2	9.4
21	---	---	---	17.4	17.2	17.3	12.1	11.8	11.9	9.6	9.2	9.4
22	---	---	---	17.4	17.0	17.2	12.0	11.7	11.8	9.4	9.2	9.3
23	17.3	16.8	17.0	17.1	16.8	16.9	12.0	11.7	11.8	9.2	9.1	9.2
24	17.5	16.9	17.1	16.9	16.6	16.8	11.7	11.6	11.6	9.2	8.7	8.9
25	17.7	16.9	17.3	16.8	16.6	16.7	11.8	11.3	11.5	8.8	8.6	8.7
26	20.5	17.7	19.3	16.7	16.4	16.5	11.4	11.1	11.3	8.9	8.6	8.7
27	20.2	18.1	19.1	16.6	16.3	16.5	11.3	11.1	11.2	8.8	8.5	8.7
28	19.5	18.0	18.8	16.5	16.2	16.3	11.2	10.9	11.1	8.7	8.5	8.6
29	20.2	18.0	19.2	16.2	15.9	16.1	11.2	10.8	10.9	8.8	8.5	8.6
30	20.7	19.6	20.3	16.0	15.6	15.8	11.1	10.8	10.9	8.7	8.4	8.5
31	21.3	18.8	20.0	---	---	---	11.0	10.8	10.9	8.6	8.3	8.4
MONTH	---	---	---	---	---	---	15.7	10.8	12.8	11.3	8.3	9.8

Temperature, water, Bottom, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.8	8.3	8.5	8.9	8.8	8.8	14.6	12.7	13.7	14.2	13.9	14.0
2	9.0	8.6	8.7	9.5	8.8	9.0	14.2	12.1	13.4	14.5	13.9	14.1
3	8.9	8.5	8.7	9.4	9.0	9.2	13.8	11.7	12.8	14.6	14.1	14.3
4	9.5	8.8	9.2	9.4	8.9	9.0	13.6	11.8	12.7	14.7	14.1	14.3
5	9.3	8.6	9.0	9.3	8.9	9.1	13.6	11.7	12.7	14.3	13.9	14.2
6	8.6	8.4	8.5	10.0	8.9	9.2	13.6	11.0	12.3	14.9	14.3	14.6
7	8.9	8.3	8.6	9.4	8.8	9.0	12.8	11.1	11.8	14.9	13.8	14.4
8	9.1	8.7	8.9	9.5	8.9	9.2	13.2	11.1	12.0	14.8	14.0	14.4
9	9.0	8.7	8.9	9.8	8.9	9.2	12.3	11.3	11.9	14.8	14.2	14.5
10	9.2	8.7	8.9	9.7	8.9	9.3	13.6	11.8	13.2	15.0	14.3	14.7
11	9.2	8.8	8.9	9.8	9.4	9.5	13.7	13.3	13.6	15.0	14.6	14.7
12	9.4	8.9	9.1	9.9	9.3	9.5	---	---	---	15.6	14.6	14.9
13	9.3	8.8	9.0	9.8	9.2	9.5	---	---	---	15.5	14.6	14.9
14	9.7	8.7	8.9	10.1	9.3	9.5	---	---	---	15.2	14.7	14.9
15	8.9	8.7	8.8	9.7	9.3	9.4	---	---	---	15.4	14.9	15.1
16	8.8	8.5	8.7	10.4	9.5	10.0	13.8	12.8	13.3	15.6	14.7	15.1
17	9.3	8.6	8.7	10.3	9.8	10.0	13.9	13.2	13.4	15.7	14.7	14.9
18	9.1	8.5	8.7	10.1	9.3	9.8	13.7	12.4	13.3	15.5	14.6	14.9
19	8.9	8.5	8.7	10.7	9.4	9.9	14.1	13.6	13.9	15.5	15.0	15.3
20	9.0	8.5	8.7	10.6	9.6	9.9	14.2	13.6	13.9	15.6	14.7	15.2
21	9.0	8.5	8.6	11.4	10.3	10.8	14.1	12.8	13.5	15.4	14.9	15.1
22	9.2	8.5	8.8	11.4	10.0	10.5	14.3	13.2	13.8	15.9	14.8	15.3
23	10.0	9.0	9.3	11.3	10.0	10.8	14.9	13.5	14.2	15.9	14.6	15.3
24	9.6	8.8	9.2	11.2	10.3	10.7	14.0	13.6	13.8	15.8	15.1	15.4
25	9.6	9.0	9.1	11.0	10.2	10.5	14.0	13.5	13.7	16.5	15.1	15.8
26	9.2	8.7	8.9	11.1	10.0	10.6	14.3	13.8	14.0	17.2	15.2	15.8
27	9.0	8.7	8.8	12.1	10.7	11.2	14.3	13.9	14.1	16.8	14.9	15.5
28	9.0	8.8	8.9	11.7	10.2	10.9	14.2	13.8	14.0	17.2	15.8	16.2
29	---	---	---	11.4	10.4	11.0	14.5	13.8	14.1	18.5	15.5	16.7
30	---	---	---	12.6	11.2	11.9	14.4	13.9	14.1	17.9	15.8	16.8
31	---	---	---	14.3	10.7	12.9	---	---	---	17.9	15.7	16.6
MONTH	10.0	8.3	8.8	14.3	8.8	10.0	---	---	---	18.5	13.8	15.1

## SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Temperature, water, Bottom, degrees Celsius  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18.7	16.1	17.5	19.6	18.3	18.9	22.8	20.9	22.2	25.8	24.0	24.5
2	17.8	16.2	16.8	20.8	18.6	19.9	22.2	21.2	21.8	26.1	24.0	24.7
3	17.5	16.1	16.8	20.9	18.4	19.9	22.2	21.4	21.8	25.4	24.0	24.5
4	17.9	16.5	17.2	20.4	18.7	19.4	23.0	21.3	22.3	25.8	24.0	24.6
5	17.9	15.8	17.0	20.6	19.2	19.9	22.9	21.2	22.1	25.3	23.9	24.5
6	17.1	16.2	16.7	20.8	19.3	19.9	23.7	21.3	22.3	25.2	23.8	24.4
7	18.7	16.4	17.4	20.4	19.6	19.9	23.3	21.6	22.4	25.1	24.3	24.7
8	18.8	17.0	18.0	20.7	19.5	20.1	23.4	22.2	22.7	25.6	24.7	25.0
9	18.0	16.2	17.0	21.4	19.6	20.5	23.6	21.9	22.8	26.0	24.6	25.2
10	19.1	17.1	17.8	21.3	19.9	20.5	24.0	22.2	22.8	25.7	24.2	24.7
11	19.1	16.7	17.6	21.0	19.7	20.5	24.0	22.3	22.9	25.5	24.2	24.7
12	18.8	17.1	18.0	21.0	20.1	20.6	23.5	22.4	22.8	25.6	24.4	25.1
13	19.4	17.0	18.2	21.2	20.0	20.6	24.0	22.3	23.0	26.2	25.1	25.4
14	18.5	17.1	18.1	21.1	19.3	20.6	23.9	22.8	23.3	25.6	24.5	25.1
15	19.0	17.3	18.1	21.0	20.2	20.7	23.8	22.8	23.3	25.7	24.4	24.9
16	19.2	17.5	18.1	21.6	20.4	20.9	25.0	22.4	23.5	25.0	24.6	24.8
17	18.9	17.2	18.1	21.5	20.4	20.8	24.1	22.4	23.5	25.4	24.7	24.8
18	19.4	17.1	18.2	21.4	20.4	21.0	24.2	22.1	23.4	25.7	24.9	25.1
19	19.4	17.2	18.5	21.5	20.7	21.2	24.3	22.3	23.5	25.7	24.8	25.0
20	19.5	18.1	18.8	21.5	20.6	21.1	24.9	23.1	23.8	25.6	24.7	25.0
21	19.4	18.3	18.9	21.7	20.6	21.2	25.1	23.5	24.1	25.0	24.5	24.7
22	19.6	18.4	19.1	22.0	20.6	21.4	25.7	23.0	24.2	25.0	24.5	24.7
23	19.8	18.4	18.9	21.5	20.0	21.1	24.9	23.4	24.1	25.3	24.4	24.8
24	20.0	17.9	18.8	21.9	21.0	21.4	24.4	23.3	23.9	25.2	24.4	24.7
25	20.7	18.2	19.1	22.2	20.9	21.4	24.9	23.5	24.3	25.4	24.5	24.8
26	20.5	18.4	19.3	22.2	20.9	21.5	25.4	24.1	24.9	25.2	24.5	24.8
27	20.0	18.4	19.1	22.1	21.3	21.7	25.0	23.8	24.3	25.3	24.5	24.7
28	19.4	18.5	18.9	22.4	21.3	21.8	25.5	23.4	24.2	25.6	24.5	24.9
29	20.1	18.6	19.3	22.9	21.5	22.0	25.1	23.6	24.4	25.4	24.5	24.8
30	20.1	18.2	19.3	22.0	21.2	21.5	25.6	23.8	24.5	25.0	24.2	24.5
31	---	---	---	22.6	21.4	22.0	25.2	24.1	24.5	---	---	---
MONTH	20.7	15.8	18.2	22.9	18.3	20.8	25.7	20.9	23.3	26.2	23.8	24.8

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, Top, water, unfiltered, milligrams per liter  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.3	6.7	7.0	---	---	---	8.9	8.5	8.6	10.8	10.0	10.4
2	7.6	6.8	7.2	7.5	6.9	7.2	9.0	8.5	8.7	10.5	10.1	10.4
3	7.7	6.7	7.2	7.3	7.0	7.1	9.0	8.6	8.8	10.4	10.2	10.3
4	7.7	6.7	7.4	7.2	6.9	7.1	8.8	8.7	8.8	10.7	10.2	10.4
5	7.8	7.2	7.6	7.3	7.0	7.2	8.9	8.8	8.9	10.7	10.3	10.4
6	7.9	7.3	7.5	7.8	7.1	7.5	9.1	8.8	8.9	10.8	10.4	10.5
7	7.9	7.2	7.5	8.0	7.2	7.6	9.4	8.9	9.0	10.7	10.4	10.5
8	7.5	6.3	6.8	7.8	7.3	7.5	9.3	8.9	9.1	10.7	10.4	10.5
9	6.7	6.2	6.4	7.9	7.4	7.6	9.3	9.0	9.1	10.8	10.5	10.7
10	7.1	6.3	6.7	8.0	7.4	7.8	9.3	9.0	9.1	10.9	10.7	10.7
11	7.1	6.6	6.8	---	---	---	9.4	9.1	9.3	10.7	10.5	10.6
12	7.4	6.6	6.9	---	---	---	9.4	9.3	9.3	10.7	10.5	10.6
13	7.6	6.6	7.2	---	---	---	9.4	9.1	9.3	10.7	10.5	10.6
14	7.0	6.7	6.9	8.0	7.5	7.7	9.7	9.4	9.5	10.8	10.5	10.6
15	6.9	6.0	6.4	7.9	7.6	7.8	9.9	9.5	9.6	10.8	10.5	10.7
16	7.0	6.2	6.6	7.8	7.5	7.7	10.0	9.5	9.7	10.8	10.5	10.6
17	7.2	6.5	6.8	7.8	7.6	7.7	9.8	9.4	9.6	10.9	10.7	10.8
18	7.3	6.5	6.8	8.0	7.5	7.7	9.7	9.5	9.6	10.9	10.6	10.7
19	7.3	6.5	6.9	8.0	7.5	7.6	9.7	9.5	9.6	11.2	10.8	11.0
20	---	---	---	7.8	7.3	7.6	9.9	9.5	9.7	11.3	11.0	11.2
21	---	---	---	7.8	7.4	7.6	10.1	9.7	9.8	11.4	11.0	11.2
22	---	---	---	7.9	7.6	7.7	10.2	9.8	10.0	11.2	11.0	11.0
23	7.1	6.8	7.0	8.0	7.6	7.8	10.3	9.6	10.0	11.2	10.9	11.1
24	7.2	6.9	7.0	8.2	7.8	7.9	9.9	9.6	9.7	11.4	11.0	11.2
25	7.1	6.8	7.0	8.3	7.8	8.0	10.2	9.7	9.9	11.4	11.1	11.2
26	7.5	6.7	7.1	8.4	7.9	8.0	10.2	9.8	10.0	11.5	11.2	11.3
27	7.5	6.8	7.2	8.3	8.0	8.1	10.3	9.8	10.0	11.5	11.2	11.3
28	7.6	6.8	7.2	8.5	8.0	8.2	10.4	10.0	10.1	11.4	11.1	11.3
29	7.5	7.1	7.3	8.5	8.1	8.3	10.5	9.8	10.2	11.6	11.2	11.4
30	7.4	7.0	7.2	8.7	8.3	8.5	10.5	9.8	10.1	11.3	11.2	11.3
31	7.6	6.8	7.2	---	---	---	10.6	9.9	10.2	11.5	11.2	11.3
MONTH	---	---	---	---	---	---	10.6	8.5	9.5	11.6	10.0	10.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.6	11.2	11.4	---	---	---	---	---	---	9.3	7.6	8.1
2	11.7	11.3	11.4	---	---	---	---	---	---	9.7	7.3	8.8
3	11.6	11.3	11.4	---	---	---	11.4	9.4	10.2	10.5	8.5	9.2
4	11.8	11.4	11.6	---	---	---	12.4	9.4	10.7	9.7	6.7	7.6
5	11.5	11.3	11.4	11.4	11.2	11.3	11.0	9.0	10.1	7.7	6.2	6.8
6	11.3	11.2	11.3	11.6	11.3	11.4	9.0	7.8	8.4	8.7	6.9	7.8
7	11.5	11.3	11.4	11.6	11.2	11.4	8.5	7.8	8.2	10.0	6.9	8.2
8	11.5	11.4	11.4	11.9	11.2	11.5	8.6	7.5	8.4	10.5	7.8	9.3
9	11.5	11.4	11.4	12.0	11.3	11.6	8.6	7.9	8.4	10.2	8.2	9.3
10	11.6	11.3	11.5	12.2	11.3	11.6	8.7	8.3	8.6	9.5	7.2	8.6
11	11.7	11.5	11.6	12.2	11.3	11.8	---	---	---	8.5	7.3	8.0
12	11.8	11.5	11.6	12.3	11.4	11.8	---	---	---	7.8	7.1	7.3
13	11.9	11.5	11.7	11.7	11.2	11.4	---	---	---	7.7	6.7	7.1
14	11.6	11.4	11.5	11.2	10.7	10.9	---	---	---	7.8	4.6	6.8
15	11.6	11.4	11.5	10.7	10.6	10.6	---	---	---	7.6	5.1	6.4
16	11.4	11.3	11.3	10.9	10.6	10.7	8.9	8.1	8.5	7.5	4.8	6.3
17	11.5	11.3	11.4	11.1	10.4	10.7	10.6	7.9	8.8	7.0	5.0	5.6
18	11.6	11.3	11.4	10.8	10.4	10.6	9.0	7.5	7.8	5.5	4.5	5.1
19	11.5	11.3	11.4	---	---	---	7.9	7.4	7.7	6.3	5.2	5.6
20	11.4	11.1	11.2	---	---	---	8.5	7.3	7.9	7.7	5.5	6.5
21	11.2	10.9	11.1	---	---	---	9.7	8.2	8.9	8.8	6.1	7.4
22	---	---	---	---	---	---	10.4	9.3	9.8	7.4	5.4	6.3
23	---	---	---	---	---	---	10.4	8.6	9.4	7.1	4.8	6.1
24	---	---	---	---	---	---	10.0	8.4	9.2	8.3	4.8	7.1
25	---	---	---	---	---	---	9.4	7.5	8.3	9.0	7.0	8.1
26	---	---	---	---	---	---	9.4	7.9	8.7	9.1	6.7	8.0
27	---	---	---	---	---	---	9.3	8.0	8.6	9.4	6.9	8.6
28	---	---	---	---	---	---	9.5	8.4	9.0	9.7	5.8	8.7
29	---	---	---	---	---	---	9.9	8.0	9.2	9.3	8.3	9.0
30	---	---	---	---	---	---	10.2	8.8	9.6	9.1	8.1	8.6
31	---	---	---	---	---	---	---	---	---	8.8	7.9	8.3
MONTH	---	---	---	---	---	---	---	---	---	10.5	4.5	7.6

## SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, Top, water, unfiltered, milligrams per liter  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.5	6.9	7.9	7.4	4.5	6.3	8.0	6.6	7.2	7.8	6.6	7.1
2	8.3	6.8	7.4	7.1	5.1	6.4	8.1	6.7	7.4	7.9	6.0	6.9
3	8.2	6.8	7.5	8.0	6.2	7.1	8.4	6.6	7.6	7.4	6.7	7.1
4	8.2	7.6	7.9	8.6	6.2	7.8	8.8	6.9	7.9	7.7	6.7	7.2
5	8.4	7.3	7.8	8.5	7.2	7.9	8.5	7.3	8.0	6.9	4.9	5.8
6	7.5	6.5	7.1	9.1	7.0	8.1	8.0	6.2	7.3	5.4	0.2	2.3
7	7.9	6.6	7.4	8.8	7.6	8.2	7.8	4.9	6.8	3.6	2.1	2.9
8	8.2	6.9	7.7	8.8	7.6	8.1	8.1	5.0	6.8	4.2	2.8	3.5
9	8.8	7.4	8.1	8.8	7.2	8.0	8.0	4.5	6.6	3.9	2.8	3.3
10	8.7	7.1	8.0	8.3	6.8	7.6	7.6	5.7	6.5	4.3	3.0	3.6
11	8.4	7.4	8.0	8.1	7.0	7.5	7.2	5.7	6.6	4.4	3.4	3.9
12	8.4	7.3	7.8	8.0	6.7	7.4	6.7	4.3	5.5	4.8	4.1	4.3
13	8.0	7.2	7.6	8.3	6.7	7.6	7.1	3.6	5.6	5.5	4.0	4.8
14	7.7	6.6	7.4	7.6	5.3	6.5	7.2	5.3	6.1	6.5	5.2	5.8
15	7.9	6.9	7.4	8.6	5.5	6.7	7.6	4.7	6.3	6.9	5.3	6.0
16	7.5	6.6	7.1	9.1	7.4	8.3	8.2	7.2	7.5	6.0	3.6	4.6
17	7.3	6.0	6.5	8.6	7.0	7.7	7.9	6.5	7.3	4.9	3.8	4.3
18	7.2	6.3	6.8	8.4	6.6	7.5	8.2	5.8	7.2	5.2	4.3	4.7
19	7.9	6.5	7.3	8.3	6.5	7.3	7.6	5.7	6.8	6.2	5.1	5.6
20	7.9	6.6	7.1	8.2	5.9	7.4	7.2	5.6	6.4	7.6	5.6	6.5
21	7.7	5.9	6.9	8.4	6.3	7.5	7.5	6.1	6.7	7.3	5.6	6.6
22	8.3	6.6	7.4	7.7	6.7	7.3	7.9	7.2	7.5	6.7	5.0	5.7
23	8.3	7.0	7.7	6.9	6.2	6.6	7.8	6.7	7.4	7.0	5.5	6.3
24	8.4	7.1	7.8	7.2	5.4	6.3	7.0	5.9	6.6	6.5	5.5	5.9
25	8.6	7.2	7.9	6.7	3.9	5.6	7.5	5.5	6.6	7.4	5.6	6.4
26	8.4	7.7	8.0	6.9	4.6	5.7	7.8	7.0	7.4	8.2	6.4	7.3
27	8.1	7.2	7.7	7.5	5.0	6.3	8.0	7.0	7.5	8.9	5.9	7.7
28	7.6	6.3	6.9	8.3	6.0	7.4	7.8	6.8	7.4	8.7	7.8	8.4
29	7.9	6.0	7.0	8.7	6.9	7.6	7.8	7.1	7.5	7.8	2.3	6.1
30	7.9	6.7	7.3	7.7	5.8	6.9	8.1	6.8	7.4	3.9	1.6	2.8
31	---	---	---	7.7	6.0	6.9	7.8	6.7	7.2	---	---	---
MONTH	8.8	5.9	7.5	9.1	3.9	7.2	8.8	3.6	7.0	8.9	0.2	5.4

SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, Bottom, water, unfiltered, milligrams per liter  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.7	1.5	1.6	6.8	2.2	3.7	---	---	---	10.2	9.8	9.9
2	1.8	1.5	1.6	7.5	5.2	6.2	---	---	---	10.0	9.9	10.0
3	2.0	1.5	1.6	7.3	5.7	6.8	---	---	---	10.1	9.9	10.0
4	2.4	1.5	1.7	7.4	5.4	6.9	---	---	---	10.2	10.0	10.1
5	1.7	1.2	1.5	7.2	3.7	5.8	---	---	---	10.3	10.0	10.2
6	1.7	1.4	1.6	8.3	5.9	7.5	---	---	---	10.3	10.1	10.2
7	1.7	1.3	1.5	8.0	7.3	7.6	---	---	---	10.3	10.1	10.2
8	1.6	1.3	1.5	7.5	7.0	7.3	---	---	---	10.4	10.2	10.2
9	1.5	1.3	1.4	7.3	6.9	7.1	---	---	---	10.4	10.2	10.3
10	1.6	1.3	1.4	8.4	6.2	7.0	---	---	---	10.4	10.3	10.4
11	1.3	1.1	1.2	---	---	---	---	---	---	10.4	10.3	10.3
12	1.3	0.9	1.2	---	---	---	---	---	---	10.4	10.3	10.3
13	1.2	1.0	1.1	---	---	---	---	---	---	10.4	10.2	10.3
14	1.4	1.0	1.3	9.1	6.3	7.2	---	---	---	10.5	10.3	10.3
15	1.4	1.0	1.1	7.1	2.2	3.9	---	---	---	10.5	10.3	10.4
16	1.0	0.8	1.0	6.5	4.3	5.1	---	---	---	10.4	10.3	10.4
17	1.1	0.9	1.0	7.0	5.9	6.5	---	---	---	10.6	10.3	10.4
18	3.7	0.8	1.1	6.8	5.6	6.1	---	---	---	10.6	10.4	10.5
19	1.0	0.8	0.9	8.0	6.5	7.4	---	---	---	10.7	10.4	10.6
20	---	---	---	8.1	2.8	6.4	9.7	9.5	9.6	10.8	10.6	10.7
21	---	---	---	4.3	2.5	3.4	9.8	9.6	9.7	10.9	10.7	10.8
22	1.3	0.5	0.8	5.4	4.3	4.8	9.9	9.6	9.7	10.8	10.7	10.7
23	0.9	0.7	0.8	6.2	4.9	5.6	10.4	9.6	9.8	10.8	10.6	10.7
24	0.8	0.7	0.8	6.0	4.8	5.6	9.7	9.6	9.7	10.9	10.7	10.8
25	0.8	0.5	0.7	---	---	---	9.9	9.6	9.8	10.9	10.7	10.8
26	7.3	0.5	3.4	---	---	---	9.9	9.8	9.8	11.0	10.7	10.8
27	6.5	0.5	2.5	---	---	---	9.9	9.8	9.8	11.0	10.8	10.9
28	3.3	0.6	1.6	---	---	---	10.0	9.8	9.8	11.0	10.8	10.9
29	4.5	0.5	2.0	---	---	---	10.1	9.9	9.9	11.0	10.9	10.9
30	6.6	4.1	5.8	---	---	---	10.1	9.9	10.0	11.0	10.9	10.9
31	7.4	5.9	6.6	---	---	---	10.0	9.8	9.9	11.1	10.9	11.0
MONTH	---	---	---	---	---	---	---	---	---	11.1	9.8	10.5

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

## SANTEE RIVER BASIN

02168500 LAKE MURRAY NEAR COLUMBIA, SC--Continued

Dissolved oxygen, Bottom, water, unfiltered, milligrams per liter  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.2	4.5	4.8	2.3	1.9	2.1	0.5	0.3	0.4	1.0	0.4	0.6
2	5.0	4.3	4.6	2.2	1.8	2.0	0.4	0.2	0.3	1.0	0.4	0.6
3	4.5	4.3	4.4	2.6	1.8	2.1	0.4	0.1	0.3	0.7	0.5	0.5
4	4.7	4.2	4.4	2.1	1.7	1.9	0.3	0.1	0.2	2.1	0.4	0.7
5	4.8	4.0	4.3	2.0	1.7	1.9	0.4	0.1	0.2	0.5	0.0	0.3
6	4.4	3.9	4.1	2.2	1.7	1.9	0.6	0.0	0.2	0.4	0.0	0.1
7	4.0	3.5	3.8	4.6	1.7	2.0	1.6	0.0	0.2	0.8	0.1	0.3
8	4.2	3.6	3.8	1.9	1.4	1.7	0.3	0.0	0.1	2.0	0.2	1.0
9	6.3	3.6	4.0	1.9	1.4	1.6	2.0	0.0	0.3	3.6	1.3	2.2
10	5.6	3.5	3.8	1.7	1.4	1.5	1.4	0.0	0.1	3.1	0.6	2.0
11	3.9	3.4	3.6	2.1	1.4	1.6	0.3	0.0	0.1	4.2	1.2	2.4
12	4.5	3.3	3.5	3.7	1.3	1.5	0.3	0.0	0.1	6.4	2.0	4.6
13	5.8	3.2	3.4	1.5	1.2	1.3	1.6	0.0	0.2	8.9	5.2	6.6
14	3.8	3.1	3.3	1.4	1.1	1.3	0.5	0.0	0.2	6.5	1.5	4.2
15	5.5	3.1	3.4	3.0	1.2	1.4	1.4	0.0	0.2	5.4	1.6	3.4
16	3.4	3.1	3.2	1.4	1.2	1.2	0.4	0.0	0.1	3.9	2.0	2.9
17	3.5	3.0	3.3	1.4	1.1	1.2	0.4	0.0	0.1	4.9	1.8	3.1
18	4.3	3.0	3.2	1.2	1.0	1.1	0.3	0.0	0.1	8.8	4.5	7.0
19	3.4	2.9	3.1	1.2	0.9	1.0	0.4	0.1	0.2	8.7	5.7	7.8
20	3.3	2.8	3.0	1.2	0.9	1.0	0.7	0.2	0.4	8.1	4.1	6.6
21	3.8	2.7	2.9	1.1	0.9	0.9	0.9	0.3	0.5	6.3	2.7	4.3
22	2.9	2.6	2.7	1.1	0.8	0.9	1.7	0.4	0.6	5.3	2.7	3.8
23	3.0	2.5	2.6	0.9	0.7	0.8	0.8	0.5	0.6	7.2	1.9	4.9
24	3.0	2.4	2.6	1.1	0.7	0.8	0.9	0.5	0.7	6.7	3.7	4.8
25	5.0	2.4	2.7	2.2	0.6	0.8	2.8	0.5	0.8	9.0	5.8	7.2
26	2.9	2.4	2.5	1.2	0.6	0.7	0.9	0.5	0.6	8.4	3.8	6.8
27	4.2	2.2	2.4	0.7	0.5	0.6	1.1	0.5	0.7	7.4	3.3	5.1
28	2.4	2.0	2.2	1.9	0.5	0.7	1.3	0.5	0.6	9.4	2.7	5.9
29	2.4	2.0	2.2	0.7	0.4	0.6	0.8	0.5	0.6	10.0	2.3	5.4
30	5.9	1.9	2.3	0.6	0.4	0.5	1.0	0.5	0.6	6.8	1.7	4.8
31	---	---	---	0.5	0.3	0.4	0.9	0.5	0.6	---	---	---
MONTH	6.3	1.9	3.3	4.6	0.3	1.3	2.8	0.0	0.4	10.0	0.0	3.7