

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1984 to September 1986, July 1987 to current year.

DISSOLVED OXYGEN: July 1987 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 29.5°C, June 15, 1989; minimum, 6.5°C, Jan. 27, Feb. 13, 1988.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 28, 1994; minimum, 1.5 mg/L, Aug. 31, 1989.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 24.0°C, July 19, 20, 30; minimum, 7.5°C, Feb. 2.

DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Mar. 13; minimum, 2.5 mg/L, Oct. 15.

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	18.5	18.0	18.5	19.0	18.5	18.5	16.5	15.5	16.0	13.0	12.5	13.0
2	20.5	18.5	19.0	19.0	17.5	18.5	15.5	14.5	15.5	13.5	13.0	13.0
3	21.5	19.5	20.5	17.5	16.0	16.5	15.5	14.5	15.5	14.5	13.5	14.0
4	21.0	17.5	19.5	16.0	15.0	15.5	15.5	15.0	15.0	15.0	13.5	14.5
5	18.5	17.5	18.0	15.0	14.5	14.5	16.0	14.5	15.5	13.5	12.0	12.5
6	19.0	17.0	18.0	15.5	14.5	15.0	17.0	16.0	16.5	12.5	11.0	12.0
7	19.0	17.5	18.0	16.5	15.5	16.0	16.5	15.0	16.0	12.5	11.5	12.0
8	18.0	17.0	17.5	17.5	16.5	17.0	16.0	15.0	15.5	12.0	11.5	12.0
9	20.0	18.0	19.0	18.0	17.5	17.5	16.0	15.0	15.0	12.5	12.0	12.0
10	20.0	19.0	19.5	18.5	18.0	18.0	16.0	15.5	16.0	14.0	12.5	13.0
11	20.5	17.0	19.5	18.5	18.0	18.5	15.5	15.0	15.5	13.0	12.0	12.5
12	18.0	17.0	17.5	18.5	18.0	18.0	15.0	14.0	14.5	12.5	11.5	12.0
13	19.0	18.0	18.5	18.0	17.0	17.5	15.5	14.5	15.0	12.5	11.5	12.0
14	19.5	17.0	18.0	18.0	17.0	17.5	16.5	15.5	16.0	12.0	11.0	11.5
15	18.0	17.0	17.0	18.0	17.0	17.5	16.0	14.5	15.0	12.0	11.5	12.0
16	18.0	17.0	17.5	17.0	16.5	16.5	15.0	14.0	14.5	11.5	11.0	11.5
17	17.5	16.5	17.0	17.0	15.5	16.5	14.5	13.0	14.0	12.0	11.5	11.5
18	18.5	17.5	18.0	16.5	15.5	16.0	14.5	14.0	14.0	11.5	11.0	11.5
19	18.0	17.0	17.5	16.0	15.0	15.5	14.5	14.0	14.0	12.0	11.0	11.5
20	17.5	17.5	17.5	17.5	16.0	16.5	14.5	14.0	14.5	12.0	11.0	11.5
21	18.5	17.0	18.0	17.5	17.0	17.5	14.5	14.0	14.0	11.5	10.5	11.5
22	17.0	16.5	16.5	17.5	17.0	17.5	14.5	14.0	14.0	11.0	10.0	10.5
23	17.5	16.5	17.0	18.0	17.0	17.5	14.0	13.5	14.0	11.0	8.0	10.0
24	17.0	16.0	16.5	18.0	18.0	18.0	13.5	13.0	13.0	10.0	9.0	9.5
25	16.5	15.0	16.0	18.5	18.0	18.0	13.0	12.0	12.5	10.5	8.0	9.5
26	17.0	15.5	16.5	19.0	18.5	19.0	12.5	12.0	12.0	10.5	8.5	10.0
27	17.5	16.5	17.0	19.0	17.5	18.0	13.0	12.5	12.5	10.5	9.5	10.0
28	18.0	16.5	17.5	17.5	16.5	16.5	13.5	12.0	13.0	10.0	9.5	9.5
29	17.5	16.5	17.0	16.5	16.0	16.0	13.5	12.5	13.0	9.5	9.0	9.0
30	18.0	16.5	17.0	16.5	14.5	15.5	12.5	11.5	12.0	9.0	8.5	9.0
31	18.5	17.5	18.0	---	---	---	13.5	12.5	13.0	9.5	8.5	9.0
MONTH	21.5	15.0	17.8	19.0	14.5	17.0	17.0	11.5	14.4	15.0	8.0	11.4

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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	8.1	7.5	7.7	9.8	8.3	8.9	9.6	6.5	8.7	9.6	9.1	9.3
2	8.2	7.5	7.9	8.3	6.2	7.2	10.1	9.4	9.8	9.6	8.6	9.2
3	8.2	7.5	7.9	7.7	5.9	6.5	10.2	9.6	9.9	9.6	8.2	9.1
4	8.1	7.0	7.6	7.9	7.4	7.7	9.9	9.5	9.7	11.0	9.0	10.0
5	8.5	7.2	7.7	8.6	7.9	8.3	9.6	9.1	9.4	---	---	---
6	9.0	7.7	8.2	8.8	8.5	8.6	9.3	8.6	8.9	---	---	---
7	9.2	8.2	8.6	8.8	8.2	8.6	9.5	8.5	8.8	---	---	---
8	9.0	7.7	8.3	8.8	8.1	8.5	10.1	9.5	9.8	8.8	7.6	8.0
9	9.3	8.0	8.6	9.0	8.0	8.5	10.1	9.6	9.9	8.1	7.3	7.8
10	9.1	7.9	8.5	9.0	8.1	8.6	9.9	8.9	9.3	8.0	7.3	7.6
11	9.1	3.0	7.6	8.7	7.9	8.4	9.8	9.0	9.3	8.2	7.2	7.7
12	5.9	3.4	4.9	8.6	7.6	7.9	10.1	9.2	9.6	9.1	8.0	8.5
13	7.7	5.9	6.8	9.1	7.4	8.1	9.6	9.1	9.3	10.3	9.1	9.7
14	7.3	3.3	5.8	9.3	7.8	8.5	9.4	8.7	9.0	---	---	---
15	7.6	2.5	4.5	9.3	7.6	8.4	9.9	8.8	9.3	---	---	---
16	7.5	2.7	4.5	8.8	6.6	7.5	10.0	9.2	9.5	---	---	---
17	6.8	3.5	5.2	8.9	7.2	7.9	10.0	9.2	9.6	---	---	---
18	9.1	6.6	8.0	9.7	8.9	9.3	10.4	9.6	10.0	---	---	---
19	8.7	7.8	8.2	9.6	9.0	9.2	9.9	9.0	9.4	---	---	---
20	8.4	7.6	7.9	9.0	8.1	8.5	9.4	8.9	9.1	---	---	---
21	8.2	7.2	7.7	8.4	7.7	8.0	9.6	9.0	9.2	---	---	---
22	7.9	7.0	7.4	8.2	7.5	7.8	9.7	9.0	9.2	---	---	---
23	8.9	7.5	8.1	8.1	7.4	7.7	10.0	9.4	9.6	---	---	---
24	9.3	7.9	8.5	7.9	7.1	7.4	10.1	9.5	9.8	---	---	---
25	9.6	8.1	8.8	7.6	6.9	7.3	10.4	9.6	9.9	---	---	---
26	9.6	8.1	8.8	7.5	6.6	7.0	10.4	9.8	10.1	---	---	---
27	10.0	8.3	9.1	7.1	6.0	6.5	10.3	9.6	10.0	---	---	---
28	10.1	8.6	9.3	7.4	6.7	7.0	10.2	9.2	9.6	10.7	8.4	9.4
29	10.1	8.3	9.2	8.1	7.3	7.6	10.0	9.2	9.5	10.8	10.1	10.4
30	10.2	8.4	9.3	8.5	6.5	7.7	9.9	9.5	9.7	11.1	10.0	10.5
31	10.2	8.5	9.3	---	---	---	9.6	9.1	9.4	10.6	10.0	10.2
MONTH	10.2	2.5	7.7	9.8	5.9	8.0	10.4	6.5	9.5	11.1	7.2	9.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	10.4	10.0	10.2	12.2	10.5	11.3	11.5	9.7	10.6	10.0	8.5	9.3
2	10.6	10.1	10.4	12.2	10.4	11.2	11.1	9.6	10.3	9.8	8.5	9.2
3	10.8	10.3	10.5	12.3	10.4	11.2	11.6	8.9	10.2	9.6	8.3	9.0
4	11.4	10.1	10.6	11.5	10.3	10.8	10.6	8.8	9.6	9.9	8.3	9.1
5	11.1	10.1	10.5	10.3	9.1	9.7	11.2	9.7	10.3	9.8	8.4	9.1
6	11.6	10.2	10.5	10.7	9.2	10.0	11.2	9.7	10.5	9.4	7.8	8.6
7	11.5	10.3	10.9	11.0	9.4	10.3	11.4	9.3	10.3	9.1	7.4	8.2
8	11.6	10.6	11.2	11.1	9.4	10.2	10.6	9.4	10.0	9.2	7.3	8.2
9	12.1	11.1	11.5	10.6	9.2	10.0	10.5	8.9	9.7	9.9	7.7	8.4
10	11.8	10.8	11.3	10.4	8.9	9.6	10.5	8.8	9.3	9.0	7.9	8.5
11	11.7	10.6	11.1	10.2	7.8	8.3	11.6	9.0	10.2	9.0	7.5	8.2
12	11.4	10.2	10.7	10.5	9.2	9.8	12.0	9.9	10.8	8.6	6.8	7.6
13	10.6	9.9	10.2	13.5	9.9	11.8	12.2	9.9	10.4	10.8	8.1	9.0
14	10.5	9.2	9.8	13.2	11.2	12.1	12.2	10.0	10.7	9.3	7.9	8.5
15	10.7	9.3	10.0	11.9	10.6	11.1	10.8	9.9	10.4	9.6	8.7	9.1
16	11.2	9.9	10.6	11.1	10.1	10.4	11.4	8.7	10.1	9.7	8.6	9.1
17	11.5	10.4	11.0	11.3	9.9	10.5	11.4	9.1	9.9	9.8	8.6	9.1
18	12.3	10.7	11.3	11.8	10.1	10.8	10.5	8.7	9.6	10.5	8.5	9.4
19	13.3	11.6	12.3	11.1	9.9	10.4	10.2	8.8	9.6	10.2	8.8	9.5
20	---	---	---	10.8	9.2	9.9	9.9	8.2	9.0	10.5	8.5	9.4
21	---	---	---	10.1	9.1	9.7	9.1	7.7	8.5	9.8	7.9	8.9
22	---	---	---	10.2	9.8	10.0	9.7	8.4	8.9	9.9	8.4	9.2
23	12.6	11.0	11.7	10.9	9.8	10.3	10.2	8.4	9.3	9.5	7.9	8.8
24	12.3	11.0	11.5	10.7	9.8	10.3	9.9	8.6	9.2	9.8	7.8	8.7
25	12.0	10.3	11.1	10.7	9.6	10.0	9.4	8.4	8.8	9.7	7.4	8.5
26	12.0	10.3	11.1	11.0	9.5	10.1	10.3	8.4	9.2	9.4	7.4	8.4
27	11.5	10.3	10.9	10.7	9.6	10.1	10.1	8.9	9.5	10.0	7.5	8.5
28	12.0	10.1	10.9	10.6	9.2	9.6	9.6	8.4	9.1	9.3	6.9	7.9
29	12.2	10.5	11.2	10.9	9.2	10.0	10.1	8.6	9.3	10.1	7.8	9.1
30	---	---	---	11.0	9.6	10.1	10.0	8.5	9.3	10.5	8.3	9.6
31	---	---	---	11.3	9.2	10.2	---	---	---	10.4	8.6	9.8
MONTH	13.3	9.2	10.9	13.5	7.8	10.3	12.2	7.7	9.8	10.8	6.8	8.8

