#### SANTEE RIVER BASIN

## 02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

### WATER-QUALITY RECORDS

PERIOD OF RECORD. -- Water year 1995 to current year.

PERIOD OF DAILY RECORD. -- May 1995 to current year.

INSTRUMENTATION.--USGS minimonitor and data collection platform.

REMARKS.--Temperature records rated good except for July 3 to Aug. 1, which are poor. Prior to July 12, 2000, at site about 1000 ft downstream.

EXTREMES FOR PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: Maximum, 33.0°C, Aug. 20, 2001; minimum, 1.9°C, Jan. 26, 2003.

EXTREMES FOR CURRENT YEAR. --

WATER TEMPERATURE: Maximum, 27.2°C, Oct. 11; minimum 1.9°C, Jan. 26.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DE	DECEMBER			JANUARY		
1 2 3 4 5	22.8 23.8 26.5 23.5 24.4	21.3 20.9 22.0 22.5 23.0	22.0 22.4 22.9 22.9 23.4	15.3 14.7 14.2 13.6 13.2	14.4 13.4 13.6 13.1 12.9	14.8 14.2 13.7 13.4 13.1	7.7 7.6 7.5 7.2 6.4	6.9 6.8 6.7 4.8 5.7	7.3 7.2 7.1 6.6 6.2	8.1 8.6 8.7 8.5 8.2	6.8 8.1 8.3 8.1 7.7	7.4 8.4 8.5 8.3 7.9
6 7 8 9 10	24.3 24.6 23.8 21.8 21.1	22.7 23.0 21.8 20.9 20.4	23.4 23.7 22.8 21.4 20.7	13.4 13.0 12.5 12.7 13.4	12.8 12.0 11.3 11.4 12.1	13.1 12.5 12.0 12.1 12.8	6.5 6.2 5.9 6.2	5.6 5.7 5.2 4.5	6.2 5.9 5.6 5.9	8.1 7.8 6.9 7.6 8.6	7.7 6.7 6.5 6.6 7.6	7.9 7.3 6.6 7.2 8.0
11 12 13 14 15	27.2	18.4   	21.2	16.3 14.9 14.1 13.4 12.8	13.3 14.0 13.4 12.7 12.2	14.2 14.6 13.8 13.0 12.5	  7.9 7.8	  7.4 7.1	  7.6 7.4	7.9 6.9 5.7 6.3 6.2	6.9 5.3 5.3 5.1 5.2	7.5 6.1 5.5 5.7 5.6
16 17 18 19 20	17.1 17.0 15.8 18.5 15.7	15.4 15.8 14.9 15.0 14.8	16.4 16.5 15.5 15.5 15.3	12.9 13.0 11.8 10.7 11.2	12.6 11.8 10.6 9.9 10.5	12.8 12.6 11.1 10.4 10.7	7.8 7.7 7.7 7.8 8.6	6.8 7.3 7.3 7.3 7.8	7.4 7.5 7.4 7.5 8.3	5.6 5.3 4.8 4.0 4.4	4.8 4.6 3.9 3.2 3.0	5.2 4.9 4.2 3.7 3.7
21 22 23 24 25	16.4 16.9 16.6 16.4 15.9	15.4 15.8 16.0 15.9 15.5	15.9 16.3 16.3 16.2 15.7	11.5 11.1 10.1 9.7 9.4	11.1 10.1 9.0 8.6 8.6	11.3 10.6 9.6 9.1 9.0	8.5 8.5 8.4 7.8	7.6 7.4 7.7 7.6 7.3	7.9 8.0 8.2 8.0 7.6	6.0 6.7 6.5 5.1 3.7	4.2 5.4 5.0 3.6 2.9	4.9 6.0 6.0 4.4 3.2
26 27 28 29 30 31	15.9 16.5 16.4 16.3 15.9 15.6	15.5 15.8 16.1 15.9 15.2 14.9	15.7 16.1 16.3 16.1 15.6 15.2	9.7 9.5 9.1 8.4 8.0	8.8 8.8 8.2 7.5 7.3	9.2 9.2 8.7 8.0 7.7	7.3 6.8 6.6 6.5 6.9	6.5 6.0 5.9 6.0 6.1	6.8 6.5 6.3 6.3 6.3 6.4	4.2 4.6 5.1 5.2 5.7 6.0	1.9 3.7 4.0 4.6 5.2 5.7	3.5 4.2 4.6 4.9 5.3 5.8
MONTH				16.3	7.3	11.7				8.7	1.9	5.9

### SANTEE RIVER BASIN

## 02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued

# Temperature, water, 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 2 3 4 5	6.3 6.7 7.8 8.8 9.2	2.1 5.6 6.5 7.4 8.2	5.6 6.1 7.1 8.2 8.6	8.8 9.6 9.8 10.0 10.8	8.2 8.6 9.0 9.2 10.0	8.5 9.1 9.5 9.5 10.4	  	  	  	19.8 20.3 20.2 20.3 20.1	18.8 19.4 19.3 19.1 18.7	19.4 19.8 19.9 19.8 19.1
6 7 8 9 10	8.4 7.2 7.4 7.5 8.5	7.0 6.7 6.6 6.9 7.0	7.9 6.9 6.9 7.1 7.4	11.9 11.7 11.4 12.9 12.7	10.8 10.4	11.5 11.3 10.9 11.9 12.4	  	  	  	18.8 17.9 18.6 20.0 21.1	17.8 17.3 17.0 18.4 19.7	18.1 17.5 17.8 19.1 20.4
11 12 13 14 15	7.8  7.9 7.4 7.8	6.7  6.3 6.9 6.9	7.2  7.0 7.2 7.4	12.6 12.8 13.7 14.3 13.5	12.1 12.0 12.7 13.3 12.5	12.4 12.4 13.3 13.8 13.1	  	  	  	21.4 20.7 21.0 20.0 19.9	20.4 20.1 19.3 19.0 18.9	21.0 20.4 20.2 19.6 19.4
16 17 18 19 20	7.6 6.7 7.3 7.9 8.7	6.7 5.8 5.4 6.8 7.6	7.3 6.3 6.3 7.3 8.2	13.2 13.8 13.8 13.8	13.2 13.4	12.8 13.4 13.6 13.6	  	  	  	20.6 20.2 19.0 18.1 18.4	19.1 19.0 18.1 17.3 17.0	19.8 19.8 18.6 17.6 17.7
21 22 23 24 25	8.4 9.7 9.8 9.6 10.0	8.1 8.0 8.9 8.7 9.1	8.3 8.8 9.3 9.2 9.6	  	  	  	 16.9 16.4 16.1	 15.4 15.2 15.2	 16.2 15.9 15.7	18.3 18.0 17.5 18.5 19.3	17.8 17.2 17.0 17.3 18.1	18.1 17.5 17.2 17.8 18.7
26 27 28 29 30 31	9.7 9.0 8.2 	9.0 7.3 7.3 	9.3 8.1 7.7 	   	   	   	16.7 17.4 18.0 18.8 19.7	15.4 16.0 16.1 16.7 18.0	16.1 16.7 17.1 17.8 18.9	20.3 20.6 21.0 21.0 20.7 21.3	19.1 19.3 19.1 19.4 19.1 19.8	19.7 20.0 20.1 20.3 20.0 20.4
MONTH										21.4	17.0	19.2
DAY	мах	MTN	MEAN				egrees Cel MAX		MEAN	МАХ	MTN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	erature, MIN JULY	water, de MEAN	MAX	sius. MIN AUGUST	MEAN	MAX	MIN SEPTEMBE	MEAN
DAY 1 2 3 4 5	MAX 21.2 21.0 20.8 21.0 21.0	JUNE 19.3 19.7 19.4 19.4	MEAN 20.4 20.3 20.0 20.3 20.4	MAX	MIN		MAX 24.5 23.8 23.6 24.4	MIN	MEAN 23.7 23.3 23.3 23.7 24.1	25.4 25.4 25.3	SEPTEMBE	
1 2 3 4	21.2 21.0 20.8 21.0	JUNE 19.3 19.7 19.4 19.8 19.8	20.4 20.3 20.0 20.3	MAX	MIN JULY 20.5 20.3 21.1	MEAN	MAX 24.5 23.8 23.6 24.4 24.9 24.9	MIN AUGUST 23.2 22.9 23.1 23.0 23.5 23.4	23.7 23.3 23.3 23.3 23.7	25.4 25.4 25.3 24.8	SEPTEMBE 24.2 24.2 23.2 23.1	R 25.0 24.8 24.4 24.0
1 2 3 4 5 6 7 8 9	21.2 21.0 20.8 21.0 21.0 21.5 21.4 21.6 21.6	JUNE 19.3 19.7 19.4 19.4 19.8 20.5 20.5 20.2	20.4 20.3 20.0 20.3 20.4 20.6 20.9 21.0 20.9	MAX  22.3 21.7 22.4 22.5 22.6 23.5	MIN JULY 20.5 20.3 21.1 21.2 21.3 21.9 21.9 21.5 21.5 21.7 21.3	MEAN  21.3 21.0 21.6 21.8 22.0 22.7	MAX 24.5 23.8 23.6 24.4 24.9 24.9 24.8 24.8 24.7 24.5 23.8 23.4 23.8 23.4 23.8 24.6	MIN AUGUST 23.2 22.9 23.1 23.0 23.5 23.4 23.5 23.4 23.5 23.4 23.5 23.4 22.8 22.8 22.8 22.6	23.7 23.3 23.7 24.1 24.2 24.1 24.1 24.1 24.1 24.1 23.9 23.3 23.0 23.1 23.6	25.4 25.3 24.8  24.5 23.5 23.7 23.2 23.3 22.8 22.1	SEPTEMBE 24.2 24.2 23.2 23.1  23.2 22.8 22.7 22.1 21.9 21.3 20.6 20.5 20.8	R 25.0 24.8 24.4 24.0  24.0 23.1 23.1 22.6 22.4 22.4 22.1 21.3 21.4 21.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	21.2 21.0 20.8 21.0 21.0 21.5 21.4 21.6 21.6 22.1 23.1  	JUNE 19.3 19.7 19.4 19.4 19.8 20.5 20.2 20.7 21.3   21.8	20.4 20.3 20.3 20.4 20.6 20.9 21.0 20.9 21.4 22.0	MAX  22.3 21.7 22.4 22.5 22.6 23.5 22.8 23.0 23.0 22.9 22.5 22.9	MIN JULY 20.5 20.3 21.1 21.2 21.3 21.9 21.9 21.5 21.5 21.7 21.3 21.7 21.3 21.7 21.3 21.7 21.8 21.9	MEAN  21.3 21.0 21.6 21.8 22.0 22.7 22.4 22.2 22.4 22.2 21.9 22.3 22.5 22.7	MAX 24.5 23.8 23.6 24.4 24.9 24.9 24.9 24.8 24.8 24.7 24.5 23.8 23.4 23.8 24.6 24.9 24.8	MIN AUGUST 23.2 22.9 23.1 23.0 23.5 23.4 23.5 23.4 23.5 23.4 23.5 23.4 23.5 23.4 23.5 23.4 23.5 23.4 23.5 23.4 23.6 23.4 23.5 23.5 23.4 23.5	23.7 23.3 23.7 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1	25.4 25.3 24.8  24.5 23.5 23.7 23.2 23.3 22.8 22.1 22.4 22.1 22.6 22.9 21.9 21.8 22.2	SEPTEMBE 24.2 24.2 23.2 23.1  23.2 22.8 22.7 22.1 21.9 21.3 20.6 20.5 20.8 21.4 21.4 20.6 20.5 20.8	R 25.0 24.8 24.4 24.0  24.0 23.1 23.0 22.6 22.4 22.1 21.3 21.4 21.5 21.9 22.1 21.3 20.9 21.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	21.2 21.0 20.8 21.0 21.5 21.4 21.6 22.1 23.1    22.8 22.9 22.8	JUNE 19.3 19.7 19.4 19.8 20.5 20.5 20.2 20.7 21.3  21.8 21.9 21.4 21.2 21.3	20.4 20.3 20.0 20.3 20.4 20.6 20.9 21.0 20.9 21.4 22.0    22.3 22.3 22.1	MAX  22.3 21.7 22.4 22.5 22.6 23.5 22.8 23.0 23.0 22.9 22.5 22.9 23.1 23.4  	MIN JULY  20.5 20.3 21.1 21.2 21.3 21.9 21.9 21.5 21.5 21.7 21.3 21.7 21.8 21.7 21.8 21.9   22.6	MEAN  21.3 21.0 21.6 21.8 22.0 22.7 22.4 22.2 22.4 22.2 21.9 22.3 22.5 22.7  	MAX 24.5 23.8 23.6 24.9 24.9 24.9 24.8 24.7 24.5 23.8 23.4 23.8 24.6 24.9 24.8 24.5 23.4 23.8 24.6 24.9 24.5 23.6 25.3 25.3 25.2	MIN AUGUST 23.2 22.9 23.1 23.0 23.5 23.4 23.5 23.4 23.5 23.4 22.8 22.8 22.6 22.7 23.4 22.9 23.4 23.9 23.4 23.9 23.4 23.9 23.4 23.5 23.4 23.9 23.4 23.9 24.1 23.9 24.1 23.9 24.1 23.9 24.1 23.9 24.1 23.9 24.1 23.9 24.0 24.0 24.0 24.0 24.3 34.0 24.3 24.0 24.0 24.0 24.0 24.3 24.0 24.3 24.0	23.7 23.3 23.7 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1	25.4 25.3 24.8  24.5 23.5 23.7 23.2 23.3 22.8 22.1 22.4 22.1 22.6 22.9 21.9 21.8 22.2 21.9 21.8 22.2 21.9 21.8 22.2 21.9	SEPTEMBE 24.2 24.2 23.2 23.1  23.2 22.8 22.7 22.1 21.9 21.3 20.6 20.5 20.8 21.4 21.4 20.6 20.5 20.3 20.5 20.3 20.5 20.7 20.5 20.3 20.5 20.5 20.7 20.5 20.5 20.7 20.5 20.7 20.5 20.7 20.5 20.7 20.5 20.7 20.5 20.7 20.5 20.7 20.5 20.7 20.5 20.7 20.5 20.5 20.5 20.5 20.7 20.5 20.	R 25.0 24.8 24.4 24.0  24.0 23.1 23.0 22.4 22.1 21.3 21.4 21.5 21.9 22.1 21.3 20.9 21.1 21.2 21.3 20.9 21.1 21.2 21.3 20.9 21.1 21.3 20.9 20.7 21.3 20.9 21.1 21.3 20.9 20.7 21.3 20.7 21.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	21.2 21.0 20.8 21.0 21.5 21.4 21.6 22.1 23.1   22.8 22.9 22.8 23.0 23.4	JUNE 19.3 19.7 19.4 19.4 19.8 20.5 20.2 20.7 21.3   21.8 21.9 21.4 21.2 21.3 22.1	20.4 20.3 20.0 20.3 20.4 20.6 20.9 21.0 20.9 21.4 22.0    22.3 22.3 22.1 22.1 22.1 22.4 22.8	MAX  22.3 21.7 22.4 22.5 22.6 23.5 22.8 23.0 23.0 22.9 22.5 22.9 23.1 23.4  23.4 	MIN JULY JULY 20.5 20.3 21.1 21.2 21.3 21.9 21.9 21.5 21.7 21.5 21.7 21.3 21.7 21.8 21.7 21.8 21.7 21.8 21.9  22.6  22.8 23.5 23.6	MEAN  21.3 21.0 21.6 21.8 22.0 22.7 22.4 22.2 21.9 22.3 22.5 22.7   23.0 	MAX 24.5 23.8 23.6 24.9 24.9 24.9 24.9 24.8 24.7 24.5 23.8 24.6 24.7 24.5 23.8 24.6 24.9 24.8 24.6 24.9 24.8 25.0 25.3 25.0 25.3 25.5 25.3 25.0 26.1 26.1 26.5 26.3 26.7	MIN AUGUST 23.2 22.9 23.1 23.0 23.5 23.4 23.9 24.1 23.9 24.0 24.0 24.0 24.0 24.0 24.3 23.9 24.0 24.3 25.5 23.9 24.0 24.5 23.9 24.0 24.5 23.9 24.0 24.5 23.9 24.0 24.5 23.9 24.0 25.5 23.5 23.5 23.5 23.4 23.9 24.0 24.0 24.5 23.9 24.0 25.5 23.5 23.9 24.0 25.5	23.7 23.3 23.7 24.1 24.1 24.2 24.1 24.1 24.1 23.9 23.3 23.0 23.1 23.6 24.2 24.4 24.2 24.4 24.2 24.6 24.4 24.3 24.6 24.6 24.8 24.7	25.4 25.3 24.8  24.5 23.5 23.7 23.2 23.3 22.8 22.1 22.4 22.1 22.6 22.9 21.9 21.9 21.9 21.8 21.9 21.9 21.8 21.2 20.6 20.2 20.5 20.7 21.4	SEPTEMBE 24.2 24.2 23.2 23.1  23.2 22.8 22.7 21.3 20.6 20.5 20.8 21.4 21.4 21.4 20.6 20.5 20.8 21.4 21.4 20.6 20.5 20.7 20.5 20.4 19.7 19.3 19.8 20.0 19.5 20.4 20.5 20.4 20.5 20.4 20.5 20.4 20.5 20.4 20.5 20.4 20.5 20.4 20.5 20.4 20.5 20.4 20.5 20.4 20.5 20.4 20.5 20.5 20.5 20.4 20.5 20.	R 25.0 24.8 24.4 24.0  24.0 23.1 23.0 22.4 22.1 21.3 21.4 21.5 21.9 22.1 21.3 20.9 21.1 21.3 20.9 21.1 21.3 20.9 21.1 21.3 20.9 21.1 21.3 20.8 20.7 20.1 19.9 20.1 20.5