

SANTEE RIVER BASIN

02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC

LOCATION.--Lat 34°31'12'', long 82°09'26'', Laurens County, Hydrologic Unit 03050109, at left bank, 125 ft upstream from U.S. Highway 76, 2.5 mi upstream from North Rabon Creek and 7.0 mi southwest of Gray Court.

DRAINAGE AREA.--29.5 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1967 to September 1981, May 1990 to current year.

GAGE.--Data collection platform. Datum of gage is 547.37 ft above NGVD of 1929. Prior to May 1990, at datum 1.00 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	16	17	18	21	30	28	19	10	14	6.0	e7.7
2	12	16	17	18	20	28	24	37	9.6	13	5.8	e6.4
3	12	15	16	18	33	27	22	35	8.3	72	5.7	5.1
4	12	15	18	18	37	26	21	24	7.6	31	5.1	5.0
5	12	16	22	19	30	25	20	19	7.6	19	4.9	4.5
6	12	16	22	23	42	24	19	17	7.9	16	5.6	4.4
7	12	17	20	23	101	24	18	15	7.4	18	5.7	24
8	13	17	19	20	59	22	18	14	9.8	14	5.0	317
9	15	16	18	20	40	21	18	14	13	19	4.7	264
10	16	15	25	20	33	21	18	13	13	23	4.5	102
11	17	15	46	19	29	20	18	13	12	15	4.5	36
12	19	15	37	19	36	20	19	12	10	12	8.4	23
13	18	15	28	18	44	20	30	13	8.6	10	18	18
14	16	14	36	18	39	20	46	13	8.4	8.6	16	16
15	15	14	38	18	54	20	34	12	8.4	7.2	14	14
16	14	15	30	18	72	21	26	12	9.7	6.4	11	14
17	14	15	27	17	51	21	22	11	11	6.8	9.2	23
18	13	16	24	20	39	20	20	11	9.7	11	12	35
19	13	35	23	21	34	20	19	11	8.0	9.4	10	24
20	13	59	21	20	31	20	18	11	e7.0	7.3	8.0	17
21	13	34	20	19	29	22	18	11	e7.2	6.8	7.5	14
22	13	25	19	18	27	21	17	10	13	6.0	6.7	13
23	12	21	19	18	25	20	16	9.5	19	5.7	6.4	12
24	12	20	20	17	25	19	16	9.1	17	5.3	6.7	12
25	12	19	20	19	24	19	15	8.6	16	5.0	7.9	11
26	13	19	19	24	25	19	15	8.1	48	4.9	7.0	11
27	23	18	19	24	29	19	16	7.7	47	7.7	6.2	160
28	31	19	18	23	30	20	15	7.3	25	7.2	6.0	830
29	23	19	18	24	32	19	14	7.0	18	7.1	5.7	319
30	19	18	19	24	---	21	14	7.1	15	6.8	e6.4	290
31	17	---	18	22	---	28	---	9.6	---	6.4	e7.9	---
TOTAL	468	584	713	617	1091	677	614	421.0	412.2	401.6	238.5	2632.1
MEAN	15.1	19.5	23.0	19.9	37.6	21.8	20.5	13.6	13.7	13.0	7.69	87.7
MAX	31	59	46	24	101	30	46	37	48	72	18	830
MIN	12	14	16	17	20	19	14	7.0	7.0	4.9	4.5	4.4
CFSM	0.51	0.66	0.78	0.67	1.28	0.74	0.69	0.46	0.47	0.44	0.26	2.97
IN.	0.59	0.74	0.90	0.78	1.38	0.85	0.77	0.53	0.52	0.51	0.30	3.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2004, BY WATER YEAR (WY)

	2001	2002	2002	2001	2001	2004	2004	2001	2002	2000	2002	1999
MEAN	23.7	29.6	36.7	54.2	51.8	64.3	48.4	36.7	28.4	22.2	21.4	22.6
MAX	62.9	79.0	99.2	99.5	103	137	146	77.8	70.2	66.8	100	121
(WY)	1977	1993	1973	1972	1998	1975	1998	1975	1972	1997	1995	1973
MIN	5.77	10.3	11.7	16.6	15.4	21.8	20.5	11.4	5.14	4.70	3.80	5.55
(WY)	2001	2002	2002	2001	2001	2004	2004	2001	2002	2000	2002	1999

02165200 SOUTH RABON CREEK NEAR GRAY COURT, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1967 - 2004	
ANNUAL TOTAL	15685		8869.4		36.8	
ANNUAL MEAN	43.0		24.2		62.2 1973	
HIGHEST ANNUAL MEAN					15.5 2002	
LOWEST ANNUAL MEAN					2520 Sep 14 1973	
HIGHEST DAILY MEAN	569	Mar 20	830	Sep 28	e 0.40 a Aug 13 2002	
LOWEST DAILY MEAN	12	Sep 19	4.4	Sep 6	0.50 Aug 9 2002	
ANNUAL SEVEN-DAY MINIMUM	12	Sep 30	5.0	Aug 5	4100 Sep 14 1973	
MAXIMUM PEAK FLOW			1890	Sep 28	b 9.86 Sep 14 1973	
MAXIMUM PEAK STAGE			6.39	Sep 28	1.25	
ANNUAL RUNOFF (CFSM)	1.46		0.821		16.94	
ANNUAL RUNOFF (INCHES)	19.78		11.18		33	
10 PERCENT EXCEEDS	74		33		59	
50 PERCENT EXCEEDS	28		18		25	
90 PERCENT EXCEEDS	15		7.1		10	

a Also occurred Aug. 14, 15, 2002.
 b At datum then in use.

e Estimated

