

## 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 mi<sup>2</sup>.

## 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 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	264	13	17	18	22	55	124	28	32	34	33	11
2	156	13	18	18	20	40	86	27	118	33	29	10
3	50	14	17	18	35	33	61	25	e93	26	21	9.4
4	32	18	17	18	42	30	50	23	e50	27	18	8.7
5	25	26	16	17	32	28	43	23	36	23	16	8.1
6	21	22	17	17	27	26	40	23	29	21	15	7.7
7	19	17	20	17	24	25	41	23	26	20	17	7.3
8	18	15	21	17	22	43	119	22	24	31	17	7.2
9	17	14	21	17	22	39	112	22	24	26	16	7.0
10	16	13	93	17	22	33	69	21	24	21	77	6.6
11	16	13	90	17	20	29	51	24	27	20	92	6.2
12	16	15	43	16	19	27	45	26	30	19	45	6.0
13	16	17	31	18	19	26	49	23	26	41	28	5.8
14	e16	17	25	42	20	32	45	21	23	63	22	5.7
15	e14	15	22	36	22	32	40	29	20	41	20	5.6
16	13	14	20	28	21	64	35	30	18	31	17	5.5
17	e13	14	19	23	20	83	33	25	17	23	16	5.6
18	13	14	19	21	19	60	32	22	16	20	15	5.4
19	13	14	18	20	18	45	31	21	17	18	16	5.8
20	14	14	17	19	19	38	30	70	17	16	15	5.7
21	14	14	17	19	43	34	29	114	17	17	14	5.4
22	14	14	17	18	84	33	29	49	17	20	14	5.4
23	13	17	29	17	55	45	32	33	17	19	14	5.2
24	14	21	46	17	64	51	32	27	16	16	14	5.1
25	14	26	33	17	55	42	28	23	15	16	13	4.9
26	14	26	26	17	41	36	28	21	16	15	13	4.9
27	14	21	22	17	34	50	30	20	25	13	12	e5.2
28	13	20	20	17	54	304	29	19	152	13	12	e5.2
29	13	18	19	17	---	246	27	18	108	26	12	e5.4
30	13	17	19	21	---	114	27	21	47	67	11	5.6
31	13	---	19	23	---	97	---	22	---	38	11	---
TOTAL	911	506	828	614	895	1840	1427	895	1097	814	685	192.6
MEAN	29.4	16.9	26.7	19.8	32.0	59.4	47.6	28.9	36.6	26.3	22.1	6.42
MAX	264	26	93	42	84	304	124	114	152	67	92	11
MIN	13	13	16	16	18	25	27	18	15	13	11	4.9
CFSM	1.00	0.57	0.91	0.67	1.08	2.01	1.61	0.98	1.24	0.89	0.75	0.22
IN.	1.15	0.64	1.04	0.77	1.13	2.32	1.80	1.13	1.38	1.03	0.86	0.24

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2005, BY WATER YEAR (WY)

	23.9	29.2	36.3	53.0	51.1	64.1	48.3	36.4	28.7	22.3	21.4	22.1
MEAN	23.9	29.2	36.3	53.0	51.1	64.1	48.3	36.4	28.7	22.3	21.4	22.1
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1967 - 2005	
ANNUAL TOTAL	9349.4		10704.6		36.5	
ANNUAL MEAN	25.5		29.3		62.2	
HIGHEST ANNUAL MEAN					15.5	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	830	Sep 28	304	Mar 28	2520	Sep 14 1973
LOWEST DAILY MEAN	4.4	Sep 6	4.9 a	Sep 25	0.40 b	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	5.0	Aug 5	5.1	Sep 22	0.50	Aug 9 2002
MAXIMUM PEAK FLOW			414	Mar 28	c 4100	Sep 14 1973
MAXIMUM PEAK STAGE			3.12	Mar 28	c 9.86	Sep 14 1973
ANNUAL RUNOFF (CFSM)	0.866		0.994		1.24	
ANNUAL RUNOFF (INCHES)	11.79		13.50		16.82	
10 PERCENT EXCEEDS	33		50		59	
50 PERCENT EXCEEDS	17		21		25	
90 PERCENT EXCEEDS	7.1		13		10	

a Also occurred on Sep. 26.  
 b Also occurred Aug. 14, 15, 2002.  
 c At datum then in use.

e Estimated

