

SANTEE RIVER BASIN

02154790 SOUTH PACOLET RIVER NEAR CAMPOBELLO, SC

LOCATION.--Lat 35°06'23'', long 82°07'47'', Spartanburg County, Hydrologic Unit 03050105, on downstream side of bridge on Alverson Road, 1.1 mi upstream of Lake William C. Bowen, and 1.3 mi southeast of Campobello.

DRAINAGE AREA.--55.4 mi², approximately.

PERIOD OF RECORD.--January 1989 to current year.

GAGE.--Data collection platform. Elevation of gage is 825 ft above NGVD of 1929 (from topographic map). Prior to November 21, 1991, at same site at datum 2.00 ft. lower.

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	55	59	77	76	67	82	82	81	44	88	59	54
2	54	59	74	74	68	86	70	92	39	78	55	56
3	53	59	72	72	163	85	67	82	36	85	68	46
4	54	59	86	72	103	81	64	65	40	101	51	41
5	52	63	105	79	89	79	61	60	39	84	47	39
6	53	91	88	81	614	79	61	57	37	72	45	38
7	55	76	81	71	825	75	61	53	36	64	43	437
8	58	70	77	70	241	73	60	51	39	60	e42	2370
9	64	65	75	71	172	72	60	49	42	56	e41	684
10	68	62	173	69	143	72	58	48	42	54	e40	281
11	89	62	198	68	125	71	58	47	44	75	e40	182
12	75	63	124	68	148	71	82	46	74	119	e95	135
13	66	62	109	67	129	71	172	47	138	73	85	114
14	63	59	289	66	116	70	120	48	158	61	55	103
15	65	60	171	66	123	72	88	47	402	56	50	94
16	60	60	129	64	119	73	78	55	244	53	46	95
17	60	60	132	64	105	69	72	66	121	55	44	721
18	59	60	115	74	99	68	67	56	106	83	49	420
19	59	400	104	68	94	66	64	53	106	68	44	195
20	58	220	97	64	91	65	62	49	79	54	43	142
21	58	124	92	63	89	68	60	46	75	50	44	118
22	57	101	90	63	85	63	58	44	78	48	51	104
23	56	90	88	63	83	62	56	43	75	47	45	95
24	56	94	89	63	83	62	54	41	77	45	53	89
25	56	90	83	69	81	62	53	40	e140	45	59	86
26	58	81	80	73	83	62	58	39	e188	45	46	83
27	92	78	79	68	93	62	62	39	125	60	43	138
28	70	93	77	67	93	62	54	38	118	376	41	1390
29	64	91	76	67	87	60	52	37	108	131	41	368
30	61	80	83	70	---	64	53	38	90	102	38	216
31	59	---	78	70	---	109	---	50	---	80	43	---
TOTAL	1907	2691	3291	2140	4411	2216	2067	1607	2940	2468	1546	8934
MEAN	61.5	89.7	106	69.0	152	71.5	68.9	51.8	98.0	79.6	49.9	298
MAX	92	400	289	81	825	109	172	92	402	376	95	2370
MIN	52	59	72	63	67	60	52	37	36	45	38	38
CFSM	1.11	1.62	1.92	1.25	2.75	1.29	1.24	0.94	1.77	1.44	0.90	5.38
IN.	1.28	1.81	2.21	1.44	2.96	1.49	1.39	1.08	1.97	1.66	1.04	6.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	79.8	81.2	93.4	123	128	141	109	96.2	75.2	72.1	74.5	71.3				
MAX	153	253	184	268	248	308	193	269	155	193	219	298				
(WY)	1996	1993	1993	1993	1990	1993	2003	2003	2003	2003	1995	2004				
MIN	19.6	32.6	47.0	50.7	47.2	64.1	52.5	42.3	23.0	16.0	18.4	25.5				
(WY)	2001	2001	2001	2001	2001	1999	2002	2001	2002	2002	2002	2000				

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1989 - 2004	
ANNUAL TOTAL	51813		36218		96.6	
ANNUAL MEAN	142		99.0		157	
HIGHEST ANNUAL MEAN					44.0	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	2370	Mar 20	2370	Sep 8	3500	Aug 27 1995
LOWEST DAILY MEAN	52	Oct 5	36	a Jun 3	7.8	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	54	Sep 30	38	Jun 2	8.4	Aug 8 2002
MAXIMUM PEAK FLOW			3400		Sep 8	5170
MAXIMUM PEAK STAGE			10.22		Sep 8	11.33
ANNUAL RUNOFF (CFSM)	2.56		1.79		1.74	
ANNUAL RUNOFF (INCHES)	34.79		24.32		23.69	
10 PERCENT EXCEEDS	225		131		158	
50 PERCENT EXCEEDS	98		68		69	
90 PERCENT EXCEEDS	61		44		33	

a Also occurred June 7.

e Estimated

