

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	52	49	e115	70	106	111	110	106	109	193	86
2	37	48	49	e100	66	104	105	130	99	1060	242	84
3	35	45	48	109	65	95	100	142	146	387	148	83
4	33	44	51	95	75	88	96	179	256	207	136	87
5	32	52	474	90	68	86	108	142	151	160	241	88
6	31	126	231	86	65	249	103	832	127	141	142	e82
7	30	75	128	82	94	156	502	958	415	131	150	e80
8	29	62	99	81	79	120	282	390	640	124	142	e78
9	28	56	84	79	72	107	270	235	265	132	121	e76
10	30	59	76	76	71	96	533	177	188	127	112	e74
11	32	116	238	73	67	90	528	155	157	181	111	e72
12	30	144	124	71	65	86	267	139	143	212	265	e71
13	46	114	318	70	62	83	194	123	137	223	141	e69
14	41	87	306	69	64	80	161	114	127	159	118	e67
15	263	76	146	67	72	80	143	115	125	598	114	e66
16	813	158	113	66	78	222	132	114	120	205	128	e64
17	195	192	97	69	105	129	127	132	117	157	140	e62
18	108	116	88	65	98	178	370	140	127	135	140	e60
19	78	93	84	64	87	227	211	127	167	137	142	58
20	64	81	e410	66	80	2370	167	114	131	142	112	57
21	57	76	e180	67	77	774	156	124	108	119	105	57
22	54	70	e140	67	547	340	146	1300	99	113	132	77
23	49	64	e120	68	395	238	127	872	94	118	138	205
24	46	62	e590	62	171	182	118	358	89	113	106	81
25	45	59	e310	63	131	156	119	249	86	99	100	67
26	47	58	e210	64	120	141	169	192	83	96	95	63
27	43	56	e160	62	134	131	122	159	85	97	90	61
28	51	54	e130	60	118	122	109	139	96	102	87	62
29	68	53	e115	65	---	118	102	129	89	92	91	56
30	73	52	e105	90	---	153	98	121	85	91	87	55
31	60	---	e100	78	---	125	---	115	---	228	85	---
TOTAL	2589	2400	5373	2339	3196	7232	5776	8326	4658	5995	4154	2248
MEAN	83.5	80.0	173	75.5	114	233	193	269	155	193	134	74.9
MAX	813	192	590	115	547	2370	533	1300	640	1060	265	205
MIN	28	44	48	60	62	80	96	110	83	91	85	55
CFSM	1.51	1.44	3.13	1.36	2.06	4.21	3.48	4.85	2.80	3.49	2.42	1.35
IN.	1.74	1.61	3.61	1.57	2.15	4.86	3.88	5.59	3.13	4.03	2.79	1.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2003, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	81.1	80.6	92.5	127	126	145	112	99.1	73.7	71.6	76.1	56.2			
MAX	153	253	184	268	248	308	193	269	155	193	219	98.8			
(WY)	1996	1993	1993	1993	1990	1993	2003	2003	2003	2003	1995	1995			
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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1989 - 2003	
ANNUAL TOTAL	22731.7		54286		96.4	
ANNUAL MEAN	62.3		149		157	
HIGHEST ANNUAL MEAN					44.0	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	813	Oct 16	2370	Mar 20	3500	Aug 27 1995
LOWEST DAILY MEAN	7.8	Aug 13	28	Oct 9	7.8	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	8.4	Aug 8	30	Oct 6	8.4	Aug 8 2002
MAXIMUM PEAK FLOW			3290	Mar 20	5170	Aug 27 1995
MAXIMUM PEAK STAGE			10.15	Mar 20	11.33	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.12		2.68		1.74	
ANNUAL RUNOFF (INCHES)	15.26		36.45		23.65	
10 PERCENT EXCEEDS	113		245		159	
50 PERCENT EXCEEDS	47		106		69	
90 PERCENT EXCEEDS	15		56		32	

e Estimated

