

## SANTEE RIVER BASIN

02167450 LITTLE RIVER NEAR SILVERSTREET, SC

LOCATION.--Lat 34°12'34"', long 81°45'48"', Newberry County, Hydrologic Unit 03050109, near center span on downstream side of bridge on US Highway 34, 3.4 mi downstream from Mud Lick Creek, 2.8 mi upstream from mouth, 2.9 mi west of Silverstreet.

DRAINAGE AREA.--230 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--March 1990 to current year. Occasional low-flow measurements, water years 1953-77.

GAGE.--Data collection platform. Elevation of gage is 360 ft above sea level (from topographic map).

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	35	50	52	628	96	108	78	27	41	26	33
2	29	42	47	52	424	91	106	73	26	28	37	50
3	27	58	47	52	299	86	126	68	25	22	38	76
4	31	56	47	54	238	96	134	73	23	19	35	57
5	49	35	47	56	196	164	110	68	24	17	41	66
6	50	31	48	62	161	142	99	62	26	16	31	44
7	37	31	49	54	142	115	95	58	28	26	26	50
8	31	31	48	51	128	101	93	56	26	25	21	49
9	29	31	47	53	118	96	95	53	23	19	18	36
10	29	31	47	212	111	91	92	50	21	18	16	28
11	59	33	50	416	105	88	91	48	20	14	17	24
12	98	37	55	195	101	118	85	46	19	14	21	22
13	62	38	51	124	105	120	88	44	18	20	19	21
14	52	39	64	98	694	96	91	42	18	32	13	19
15	47	37	86	84	1020	89	123	40	17	27	11	19
16	41	36	69	77	418	87	143	39	16	20	9.9	17
17	36	35	57	73	242	105	117	39	18	16	8.8	16
18	34	34	53	71	186	104	100	38	17	14	8.1	17
19	33	e34	54	74	170	87	89	38	17	12	7.2	19
20	34	e37	57	79	146	476	83	36	18	11	6.4	20
21	39	e38	63	82	126	1050	83	35	75	11	5.9	22
22	50	e39	99	72	116	748	75	34	89	9.2	6.0	30
23	42	e52	104	112	109	291	72	33	40	10	6.0	1510
24	37	54	74	589	105	211	70	32	28	18	5.6	1980
25	35	55	64	941	101	173	89	32	24	37	5.7	279
26	34	73	59	656	97	152	228	33	21	37	7.2	247
27	35	133	57	342	96	137	134	33	19	29	12	170
28	37	92	55	219	110	137	104	31	19	22	14	103
29	36	66	53	179	110	124	93	30	19	19	13	78
30	34	56	52	416	---	115	84	28	30	18	9.4	64
31	34	---	52	919	---	113	---	27	---	18	20	---
TOTAL	1254	1399	1805	6516	6602	5699	3100	1397	791	639.2	515.2	5166
MEAN	40.5	46.6	58.2	210	228	184	103	45.1	26.4	20.6	16.6	172
MAX	98	133	104	941	1020	1050	228	78	89	41	41	1980
MIN	27	31	47	51	96	86	70	27	16	9.2	5.6	16
CFSM	.18	.20	.25	.91	.99	.80	.45	.20	.11	.09	.07	.75
IN.	.20	.23	.29	1.05	1.07	.92	.50	.23	.13	.10	.08	.84

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2000, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
MEAN	130	183	210	344	436	423	231	152	135	69.3	107	70.7
MAX	369	572	592	658	714	906	678	316	619	157	359	172
(WY)	1991	1993	1995	1993	1995	1993	1998	1991	1994	1997	1994	2000
MIN	40.5	46.6	58.2	88.1	204	131	103	45.1	26.4	20.6	16.6	19.4
(WY)	2000	2000	2000	1992	1992	1999	2000	2000	2000	2000	2000	1999

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1990 - 2000	
ANNUAL TOTAL	33074		34883.4			
ANNUAL MEAN	90.6		95.3		209	
HIGHEST ANNUAL MEAN					304	
LOWEST ANNUAL MEAN					95.3	
HIGHEST DAILY MEAN	1100	Feb 2	1980	Sep 24	5600	Feb 3 1996
LOWEST DAILY MEAN	12	a Sep 18	5.6	Aug 24	5.6	Aug 24 2000
ANNUAL SEVEN-DAY MINIMUM	13	Sep 14	6.1	Aug 19	6.1	Aug 19 2000
INSTANTANEOUS PEAK FLOW			2890	Sep 24	8400	Jun 5 1994
INSTANTANEOUS PEAK STAGE			12.27	Sep 24	15.60	Jun 5 1994
ANNUAL RUNOFF (CFSM)	.39		.41		.91	
ANNUAL RUNOFF (INCHES)	5.35		5.64		12.36	
10 PERCENT EXCEEDS	158		155		349	
50 PERCENT EXCEEDS	57		50		102	
90 PERCENT EXCEEDS	21		17		34	

a Also occurred Sep. 19.

e Estimated

