

SANTEE RIVER BASIN

257

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 mi², 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 NGVD of 1929 (from topographic map).

REMARKS.--Records fair 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	248	53	96	70	126	895	929	129	124	105	108	41
2	136	52	99	67	98	412	607	115	1320	86	85	38
3	105	52	92	66	166	274	357	99	1650	138	70	36
4	102	54	84	65	392	225	263	92	590	263	61	34
5	90	87	79	67	229	197	222	89	260	115	56	33
6	76	89	80	66	156	177	195	86	184	91	52	31
7	69	64	96	66	127	159	199	84	185	80	56	30
8	64	58	98	65	112	208	269	81	369	77	55	30
9	60	54	87	64	105	328	292	77	352	78	148	29
10	58	52	188	63	108	210	225	75	214	79	101	28
11	56	51	238	62	100	179	182	82	162	63	109	26
12	53	54	156	61	90	156	165	96	133	64	83	25
13	56	68	118	62	85	140	807	78	121	74	64	e24
14	116	66	99	271	90	137	1230	74	110	68	57	e24
15	76	56	90	340	134	175	427	71	95	69	59	e23
16	60	51	84	169	132	226	269	69	85	63	53	e23
17	53	51	82	121	109	718	211	67	76	65	52	e22
18	49	51	80	101	94	593	187	64	71	64	191	e21
19	49	52	79	90	86	317	171	63	72	55	173	e20
20	49	52	76	87	86	237	153	89	101	63	104	e20
21	49	52	71	86	281	197	140	289	80	58	69	19
22	48	59	70	82	1510	179	137	146	70	111	60	20
23	48	225	74	77	1720	250	226	95	65	67	84	19
24	54	179	89	73	792	293	196	80	61	52	73	19
25	64	248	87	71	921	211	141	70	58	47	61	19
26	59	186	76	72	457	176	125	65	58	44	55	19
27	52	119	72	71	302	182	128	63	69	41	49	19
28	51	116	69	67	615	1030	122	60	192	39	46	20
29	53	129	68	66	---	1580	110	59	277	63	43	20
30	55	102	69	87	---	1030	110	83	176	666	43	19
31	54	---	69	142	---	549	---	147	---	212	45	---
TOTAL	2212	2582	2915	2917	9223	11640	8795	2837	7380	3160	2365	751
MEAN	71.4	86.1	94.0	94.1	329	375	293	91.5	246	102	76.3	25.0
MAX	248	248	238	340	1720	1580	1230	289	1650	666	191	41
MIN	48	51	68	61	85	137	110	59	58	39	43	19
CFSM	0.31	0.37	0.41	0.41	1.43	1.63	1.27	0.40	1.07	0.44	0.33	0.11
IN.	0.36	0.42	0.47	0.47	1.49	1.88	1.42	0.46	1.19	0.51	0.38	0.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	99.9	146	177	261	372	420	247	142	131	76.1	90.3	69.8				
MAX	369	572	592	658	714	914	752	333	619	217	359	210				
(WY)	1991	1993	1995	1993	1995	2003	2003	2003	1994	2003	1994	2004				
MIN	14.1	29.4	39.0	67.1	72.3	118	92.9	40.3	22.2	13.0	5.54	19.4				
(WY)	2002	2002	2002	2004	2001	2004	2004	2001	2002	2002	2002	1999				

SANTEE RIVER BASIN

02167450 LITTLE RIVER NEAR SILVERSTREET, SC--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1990 - 2005	
ANNUAL TOTAL	37029		56777		187	
ANNUAL MEAN	101		156		304	
HIGHEST ANNUAL MEAN					77.7	
LOWEST ANNUAL MEAN					1993	
HIGHEST DAILY MEAN	1520	Sep 29	1720	Feb 23	5600	Feb 3 1996
LOWEST DAILY MEAN	14	a Aug 31	19	b Sep 21	0.71	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	16	Aug 31	19	Sep 21	1.2	Aug 9 2002
MAXIMUM PEAK FLOW			2100	Feb 23	Unknown	Apr 19 2003
MAXIMUM PEAK STAGE			11.39	Feb 23	15.73	Apr 19 2003
ANNUAL RUNOFF (CFSM)	0.440		0.676		0.812	
ANNUAL RUNOFF (INCHES)	5.99		9.18		11.03	
10 PERCENT EXCEEDS	176		275		331	
50 PERCENT EXCEEDS	64		83		89	
90 PERCENT EXCEEDS	29		46		30	

a Also occurred Sep. 6.
 b Also occurred Sep. 23-27, 30.
 e Estimated

