

SANTEE RIVER BASIN

293

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 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	23	41	48	107	373	1050	251	148	139	107	108	64
2	21	32	46	119	180	528	199	140	127	659	132	64
3	20	28	44	106	117	367	178	132	122	1380	100	60
4	17	26	44	90	98	270	164	124	173	786	114	58
5	16	27	64	75	134	231	155	121	167	258	103	68
6	15	71	189	67	101	1810	162	159	134	174	176	74
7	14	137	155	60	277	4470	399	245	434	139	604	59
8	13	74	102	57	504	2680	862	275	855	130	428	57
9	14	51	84	56	245	648	1100	179	370	125	296	57
10	16	41	74	53	330	378	2030	144	221	108	181	54
11	22	86	84	49	339	295	2320	127	173	192	142	52
12	25	348	117	44	192	247	1270	123	152	190	122	49
13	31	391	362	43	134	213	497	116	213	156	139	47
14	22	213	748	44	108	196	330	105	175	363	139	47
15	22	115	479	46	101	211	263	105	161	283	107	45
16	43	116	221	46	201	273	224	108	149	153	98	45
17	92	378	150	48	824	252	200	110	249	130	133	43
18	56	378	117	50	569	526	748	162	290	127	131	41
19	35	181	102	46	299	665	e5300	137	530	109	100	40
20	28	119	112	46	210	2780	2590	133	273	113	89	38
21	27	99	153	48	178	4710	643	117	210	105	83	37
22	29	86	119	71	478	2710	687	595	152	93	78	39
23	27	75	101	73	1450	773	399	3550	131	101	73	51
24	25	67	481	64	851	373	289	e1430	118	129	70	57
25	23	63	1530	59	339	285	260	e496	110	104	69	47
26	23	60	1640	60	253	238	266	e263	102	88	68	43
27	24	57	622	66	321	211	238	e236	98	84	65	42
28	23	53	289	59	769	192	195	231	96	92	62	42
29	34	51	212	58	---	178	175	195	108	94	60	39
30	64	50	148	379	---	209	160	170	101	78	59	37
31	60	---	114	896	---	360	---	152	---	82	66	---
TOTAL	904	3514	8751	3085	9975	28329	22554	10328	6333	6732	4195	1496
MEAN	29.2	117	282	99.5	356	914	752	333	211	217	135	49.9
MAX	92	391	1640	896	1450	4710	5300	3550	855	1380	604	74
MIN	13	26	44	43	98	178	155	105	96	78	59	37
CFSM	0.13	0.51	1.23	0.43	1.55	3.97	3.27	1.45	0.92	0.94	0.59	0.22
IN.	0.15	0.57	1.42	0.50	1.61	4.58	3.65	1.67	1.02	1.09	0.68	0.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2003, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	106	156	191	289	382	446	255	152	128	75.0	95.3	63.0		
MAX	369	572	592	658	714	914	752	333	619	217	359	172		
(WY)	1991	1993	1995	1993	1995	2003	2003	2003	1994	2003	1994	2000		
MIN	14.1	29.4	39.0	67.9	72.3	131	103	40.3	22.2	13.0	5.54	19.4		
(WY)	2002	2002	2002	2001	2001	1999	2000	2001	2002	2002	2002	1999		

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02167450 LITTLE RIVER NEAR SILVERSTREET, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1990 - 2003	
ANNUAL TOTAL	39003.24		106196		196	
ANNUAL MEAN	107		291		304	
HIGHEST ANNUAL MEAN					1993	
LOWEST ANNUAL MEAN					77.7	
HIGHEST DAILY MEAN	1640	Dec 26	e 5300	Apr 19	5600	Feb 3 1996
LOWEST DAILY MEAN	0.71	Aug 14	13	Oct 8	0.71	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	1.2	Aug 9	15	Oct 4	1.2	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			15.73		15.73	
ANNUAL RUNOFF (CFSM)	0.46		1.26		0.85	
ANNUAL RUNOFF (INCHES)	6.31		17.18		11.59	
10 PERCENT EXCEEDS	217		599		347	
50 PERCENT EXCEEDS	53		122		94	
90 PERCENT EXCEEDS	6.9		41		29	

e Estimated

