

SANTEE RIVER BASIN

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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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	52	59	59	72	357	207	65	30	94	35	15
2	36	50	59	58	68	286	131	92	29	82	32	18
3	36	50	59	58	95	208	110	140	28	208	41	19
4	36	51	59	59	124	171	100	101	28	269	87	17
5	35	60	71	59	98	151	91	73	29	124	46	16
6	36	80	79	66	97	139	86	64	28	129	35	14
7	41	72	69	75	792	130	81	59	26	98	28	24
8	43	e78	64	62	741	117	82	55	29	66	24	470
9	43	e61	62	61	266	108	82	53	50	53	21	539
10	64	57	65	66	177	103	78	52	43	46	20	474
11	61	55	98	65	147	100	74	50	37	41	19	448
12	62	56	110	60	274	101	84	60	32	40	33	79
13	57	57	81	60	544	93	127	56	30	39	107	53
14	52	55	130	60	340	91	210	52	36	40	75	48
15	50	54	178	59	627	89	144	49	48	33	49	45
16	49	54	117	58	1020	101	110	46	46	29	39	45
17	47	56	94	56	620	105	97	44	43	27	34	47
18	46	57	88	62	299	93	88	43	36	29	31	52
19	47	70	80	75	214	86	82	45	30	75	28	48
20	46	141	73	70	176	85	78	45	27	42	25	39
21	45	107	68	61	154	90	75	42	31	32	23	34
22	44	78	66	58	137	93	71	41	54	28	22	33
23	42	69	67	57	125	83	67	39	70	25	22	31
24	42	65	67	56	121	78	65	38	71	22	21	29
25	41	63	66	58	115	77	63	36	66	20	36	33
26	42	63	63	79	122	76	63	35	50	19	35	28
27	44	61	62	99	169	76	64	34	42	70	23	64
28	48	62	61	99	233	76	63	32	221	87	19	866
29	62	64	61	100	347	75	58	30	110	50	17	1520
30	66	63	61	86	---	76	56	30	67	46	15	1160
31	57	---	60	79	---	151	---	32	---	47	14	---
TOTAL	1456	1961	2397	2080	8314	3665	2787	1633	1467	2010	1056	6308
MEAN	47.0	65.4	77.3	67.1	287	118	92.9	52.7	48.9	64.8	34.1	210
MAX	66	141	178	100	1020	357	210	140	221	269	107	1520
MIN	35	50	59	56	68	75	56	30	26	19	14	14
CFSM	0.20	0.28	0.34	0.29	1.25	0.51	0.40	0.23	0.21	0.28	0.15	0.91
IN.	0.24	0.32	0.39	0.34	1.34	0.59	0.45	0.26	0.24	0.33	0.17	1.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2004, BY WATER YEAR (WY)

MEAN	102	150	183	273	375	423	244	146	123	74.4	91.2	72.8
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

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1990 - 2004	
ANNUAL TOTAL	98841		35134		189	
ANNUAL MEAN	271		96.0		304	
HIGHEST ANNUAL MEAN					77.7	
LOWEST ANNUAL MEAN					5600	
HIGHEST DAILY MEAN	e	5300 Apr 19	1520	Sep 29	1996	Feb 3
LOWEST DAILY MEAN		35 Oct 5	14	a Aug 31	2002	Aug 14
ANNUAL SEVEN-DAY MINIMUM		36 Sep 30	16	Aug 31	2002	Aug 9
MAXIMUM PEAK FLOW			1820	Sep 30	2003	Apr 19
MAXIMUM PEAK STAGE			10.73	Sep 30	2003	Apr 19
ANNUAL RUNOFF (CFSM)	1.18		0.417		0.822	
ANNUAL RUNOFF (INCHES)	15.99		5.68		11.16	
10 PERCENT EXCEEDS	527		148		334	
50 PERCENT EXCEEDS	108		61		90	
90 PERCENT EXCEEDS	46		29		29	

a Also occurred Sep. 6.

e Estimated

