

SANTEE RIVER BASIN

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

LOCATION.--Lat 35 07'15'', long 81 59'10'', Spartanburg County, Hydrologic Unit 03050105, on right bank at McMillin Mill, about 400 ft downstream from Obed Creek, 1.4 mi south of Fingerville, and at mile 48.5.

DRAINAGE AREA.--116 mi<sup>2</sup>.

PERIOD OF RECORD.--April 1930 to current year. Monthly discharge only for some periods, published in WSP-1303.

GAGE.--Data collection platform. Datum of gage is 715.56 ft above NGVD of 1929. From November 26, 1929 to November 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

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	313	138	244	228	210	359	352	e322	201	335	275	135
2	281	137	238	224	198	270	333	e206	538	273	213	128
3	265	215	207	219	249	239	307	e295	347	308	191	126
4	249	740	195	216	252	227	281	e290	263	450	175	122
5	227	593	188	213	219	219	272	e293	222	276	164	120
6	211	308	188	212	206	209	259	e293	266	650	162	117
7	204	253	229	210	199	203	251	e291	338	3270	185	114
8	196	220	229	220	195	214	350	e292	286	4170	376	113
9	189	203	428	215	194	210	446	e296	346	737	565	112
10	185	188	1950	202	190	197	312	177	249	444	324	110
11	182	181	702	199	183	193	285	237	234	380	240	109
12	170	335	387	196	182	191	280	187	233	376	208	107
13	192	372	324	197	179	188	893	177	369	330	195	107
14	175	265	283	532	179	188	611	197	300	333	188	105
15	164	228	258	318	183	185	e649	250	235	309	178	103
16	160	209	246	260	179	194	e580	213	207	272	167	105
17	153	202	237	236	179	230	e531	187	190	256	161	118
18	150	194	230	224	178	215	294	177	181	244	190	109
19	153	188	224	215	172	197	285	172	182	231	186	102
20	159	185	208	215	174	190	271	265	202	220	171	102
21	150	181	201	211	202	186	262	274	186	232	167	101
22	148	175	197	204	234	184	251	211	187	218	154	99
23	147	174	e351	200	194	323	259	191	171	240	151	99
24	150	198	e461	191	221	283	251	176	161	212	153	97
25	150	335	e350	188	216	238	e346	166	157	197	149	97
26	144	244	e336	184	194	221	e341	162	156	190	144	98
27	143	211	e270	184	188	224	e343	159	440	184	141	105
28	142	210	e255	183	444	1580	e316	156	743	182	139	101
29	141	196	255	182	---	1020	e304	156	857	235	138	103
30	141	187	243	239	---	e400	e315	158	589	242	145	99
31	140	---	233	244	---	e432	---	159	---	259	159	---
TOTAL	5574	7465	10347	6961	5793	9409	10830	6785	9036	16255	6154	3263
MEAN	180	249	334	225	207	304	361	219	301	524	199	109
MAX	313	740	1950	532	444	1580	893	322	857	4170	565	135
MIN	140	137	188	182	172	184	251	156	156	182	138	97
CFSM	1.55	2.15	2.88	1.94	1.78	2.62	3.11	1.89	2.60	4.52	1.71	0.94
IN.	1.79	2.39	3.32	2.23	1.86	3.02	3.47	2.18	2.90	5.21	1.97	1.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

MEAN	171	164	202	249	266	291	261	206	177	158	165	146
MAX	795	429	459	791	621	752	763	484	439	524	490	535
(WY)	1965	1993	1962	1937	1960	1952	1936	2003	1961	2005	1940	2004
MIN	35.1	56.8	65.7	66.6	93.9	100	91.5	82.8	58.0	36.1	29.7	34.1
(WY)	1955	1932	1956	1956	2001	1955	1986	1988	2002	2002	2002	1954

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1930 - 2005	
ANNUAL TOTAL	78122		97872		205	
ANNUAL MEAN	213		268		340	
HIGHEST ANNUAL MEAN					1937	
LOWEST ANNUAL MEAN					87.0	
HIGHEST DAILY MEAN	3710	Sep 8	4170	Jul 8	8110	Oct 5 1964
LOWEST DAILY MEAN	78	a Aug 11	97	b Sep 24	14	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	85	Aug 5	99	Sep 20	17	Aug 8 2002
MAXIMUM PEAK FLOW			7410	Jul 8	c 12500	Aug 14 1940
MAXIMUM PEAK STAGE			20.36	Jul 8	27.13	Aug 14 1940
INSTANTANEOUS LOW FLOW			92	Sep 24	9.0	Oct 6 1954
ANNUAL RUNOFF (CFSM)	1.84		2.31		1.77	
ANNUAL RUNOFF (INCHES)	25.05		31.39		23.99	
10 PERCENT EXCEEDS	301		363		335	
50 PERCENT EXCEEDS	156		210		156	
90 PERCENT EXCEEDS	95		141		80	

- a Also occurred Aug. 28, 30.
- b Also occurred Sep. 25.
- c From rating curve extended above 5,240 ft<sup>3</sup>/s on basis of computation of peak flow over dam 2.0 miles above station.
- e Estimated

