

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 mi².

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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	134	e135	178	166	142	184	208	168	117	139	112	119
2	131	e128	173	165	142	183	169	191	99	133	102	105
3	129	e127	162	164	291	185	156	177	95	128	134	102
4	129	127	169	164	228	179	151	145	95	181	109	91
5	129	132	254	166	191	175	144	134	99	147	95	85
6	129	168	213	177	676	176	141	131	94	132	91	82
7	131	169	190	160	1530	173	140	129	93	120	86	469
8	134	149	179	158	511	163	140	123	97	111	83	3710
9	165	141	174	159	344	159	139	121	100	106	80	2770
10	172	134	269	159	292	162	137	119	95	103	79	567
11	185	133	475	153	265	159	137	116	93	100	78	356
12	198	133	289	151	289	159	181	113	108	221	123	279
13	157	131	240	149	279	155	339	113	186	181	165	241
14	146	124	476	148	247	152	316	116	154	125	105	219
15	147	124	370	147	245	154	217	112	403	109	95	198
16	137	125	286	144	257	160	186	181	420	100	90	187
17	135	127	279	143	226	157	172	143	209	97	86	868
18	133	128	256	151	217	150	163	131	156	138	91	1030
19	133	610	230	154	210	148	155	140	236	111	87	407
20	132	569	214	144	203	145	149	122	146	101	83	304
21	131	299	200	143	200	148	145	112	140	97	82	265
22	130	235	194	142	191	143	140	110	155	95	95	235
23	129	207	190	141	186	141	137	108	200	92	92	210
24	129	195	190	141	184	141	136	105	142	89	85	197
25	129	210	184	143	183	141	133	102	207	88	109	e187
26	129	185	176	159	182	141	134	99	300	88	86	e178
27	e177	176	e174	146	203	141	152	98	184	103	81	e211
28	e157	186	e165	145	201	141	134	97	157	244	78	1220
29	e141	233	e166	142	192	139	131	96	157	137	81	788
30	e135	188	171	146	---	143	130	95	136	143	78	384
31	134	---	171	146	---	227	---	118	---	126	149	---
TOTAL	4407	5728	7057	4716	8507	4924	4912	3865	4873	3885	2990	16064
MEAN	142	191	228	152	293	159	164	125	162	125	96.5	535
MAX	198	610	476	177	1530	227	339	191	420	244	165	3710
MIN	129	124	162	141	142	139	130	95	93	88	78	82
CFSM	1.23	1.65	1.96	1.31	2.53	1.37	1.41	1.07	1.40	1.08	0.83	4.62
IN.	1.41	1.84	2.26	1.51	2.73	1.58	1.58	1.24	1.56	1.25	0.96	5.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

MEAN	171	163	200	249	267	291	260	206	176	153	164	146
MAX	795	429	459	791	621	752	763	484	439	358	490	535
(WY)	1965	1993	1962	1937	1960	1952	1936	2003	1961	2003	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

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	103324		71928		204	
ANNUAL MEAN	283		197		340	
HIGHEST ANNUAL MEAN					87.0	
LOWEST ANNUAL MEAN					1937	
HIGHEST DAILY MEAN	3120	Mar 20	3710	Sep 8	8110	Oct 5 1964
LOWEST DAILY MEAN	119	Jan 28	78	a Aug 11	14	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	125	Jan 23	85	Aug 5	17	Aug 8 2002
MAXIMUM PEAK FLOW			5740	Sep 8	c 12500	Aug 14 1940
MAXIMUM PEAK STAGE			17.60	Sep 8	27.13	Aug 14 1940
INSTANTANEOUS LOW FLOW			76	b Aug 30	9.0	Oct 6 1954
ANNUAL RUNOFF (CFSM)	2.44		1.69		1.76	
ANNUAL RUNOFF (INCHES)	33.13		23.07		23.89	
10 PERCENT EXCEEDS	455		266		334	
50 PERCENT EXCEEDS	214		146		154	
90 PERCENT EXCEEDS	132		95		79	

- a Also occurred Aug. 28, 30.
- b Also occurred Aug. 31.
- c From rating curve extended above 5,240 ft³/s on basis of computation of peak flow over dam 2.0 miles above station.
- e Estimated

