

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

LOCATION.--Lat 35°06'35'', long 81°57'35'', Spartanburg County, Hydrologic Unit 03050105, on right bank, 100 ft upstream from bridge on State Road 55, 0.2 mi downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 mi southeast of Fingerville, and at mile 46.5.

DRAINAGE AREA.--212 mi².

PERIOD OF RECORD.--December 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1930-39 (monthly and yearly runoff).

GAGE.--Basic data recorder. Datum of gage is 706.33 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (02154950). Some diurnal fluctuation caused by mill on North Pacolet River. Water diverted above station for City of Spartanburg water supply during year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1903 reached a stage of 46 ft, from floodmark (discharge not determined).

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	e187	e194	282	263	210	295	324	216	180	259	247	179
2	e187	e184	292	267	200	299	291	292	145	218	172	245
3	e185	e183	301	262	412	311	249	289	138	e206	242	166
4	e185	179	259	255	448	291	239	254	137	e261	183	147
5	e187	185	353	257	330	283	195	218	147	e224	158	128
6	e186	268	333	294	1210	265	191	195	141	e193	146	100
7	e188	290	302	256	2870	271	191	179	139	e169	136	1310
8	e197	269	291	e255	1060	257	191	168	146	e153	111	8330
9	e241	260	253	e232	525	264	188	166	151	e162	96	5290
10	e258	238	380	e231	491	284	181	164	134	159	94	1040
11	e281	204	665	e240	436	253	182	161	101	147	131	629
12	298	211	442	e220	525	255	264	157	114	274	322	420
13	252	186	420	265	437	205	562	161	196	323	265	379
14	198	177	793	210	470	199	498	152	198	212	190	350
15	188	178	690	213	381	264	405	136	664	204	163	315
16	165	182	501	214	438	293	426	249	807	205	159	342
17	146	192	441	208	351	252	380	267	425	146	155	1100
18	168	235	428	221	344	226	274	244	256	182	160	1580
19	168	909	398	247	323	214	246	147	349	168	156	743
20	165	965	e351	253	322	193	257	192	256	156	208	426
21	188	490	e299	226	313	212	194	229	334	221	236	386
22	201	391	e291	221	307	218	187	171	231	170	112	361
23	136	328	300	214	284	214	182	151	277	139	110	280
24	137	315	302	212	297	203	179	147	224	127	105	198
25	176	331	293	196	294	204	176	145	493	106	127	188
26	175	276	272	231	299	205	180	143	712	107	111	178
27	320	310	250	275	324	237	204	142	455	119	223	361
28	e223	293	267	248	307	215	182	136	335	658	135	2540
29	e201	343	281	242	301	190	175	105	293	425	100	1680
30	e195	296	244	249	---	187	173	104	294	381	118	699
31	e194	---	268	250	---	306	---	184	---	257	220	---
TOTAL	6176	9062	11242	7427	14509	7565	7566	5664	8472	6731	5091	30090
MEAN	199	302	363	240	500	244	252	183	282	217	164	1003
MAX	320	965	793	294	2870	311	562	292	807	658	322	8330
MIN	136	177	244	196	200	187	173	104	101	106	94	100
CFSM	0.94	1.42	1.71	1.13	2.36	1.15	1.19	0.86	1.33	1.02	0.77	4.73
IN.	1.08	1.59	1.97	1.30	2.55	1.33	1.33	0.99	1.49	1.18	0.89	5.28

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

MEAN	274	264	337	398	438	481	433	337	279	243	257	229
MAX	1313	784	733	1203	940	1324	1249	920	647	602	846	1003
(WY)	1965	1993	1984	1937	1990	1952	1936	2003	1961	2003	1940	2004
MIN	42.2	80.1	96.9	104	129	153	127	105	68.4	43.1	47.5	51.0
(WY)	1955	2001	2001	2001	1986	1988	1986	2001	2002	2002	2002	1954

SANTEE RIVER BASIN

02155500 PACOLET RIVER NEAR FINGERVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	176062		119595		331	
ANNUAL MEAN	482		327		535	
HIGHEST ANNUAL MEAN					121	
LOWEST ANNUAL MEAN					13500	
HIGHEST DAILY MEAN	8000	Mar 20	8330	Sep 8	Aug 14 1940	
LOWEST DAILY MEAN	128	Feb 3	94	Aug 10	26	
ANNUAL SEVEN-DAY MINIMUM	166	Oct 18	125	Aug 5	27	
MAXIMUM PEAK FLOW			10400	Sep 8	a 22800	
MAXIMUM PEAK STAGE			12.76	Sep 8	22.43	
ANNUAL RUNOFF (CFSM)	2.28		1.54		1.56	
ANNUAL RUNOFF (INCHES)	30.89		20.99		21.22	
10 PERCENT EXCEEDS	779		439		565	
50 PERCENT EXCEEDS	338		236		245	
90 PERCENT EXCEEDS	186		145		108	

a From rating curve extended above 9,980 ft³/s by velocity-area studies.

e Estimated

