

Water-Data Report 2011

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

Santee Basin
Upper Broad Subbasin

LOCATION.--Lat 35°06'35", long 81°57'35" referenced to North American Datum of 1927, Spartanburg County, SC, 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.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1929 to August 2006, October 2007 to September 2008. Monthly discharge only for some periods, published in WSP 1303.

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

GAGE.--Data collection platform. Datum of gage is 703.33 ft above NGVD of 1929. December 1929 to August 2006 recording gage at same site at datum 706.33 ft above NGVD of 1929.

REMARKS.--Records fair. 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).

02155500 PACOLET RIVER NEAR FINGERVILLE, SC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	96	271	---	---	---	---	---	244	365	108	119	62
2	95	268	---	---	---	---	---	282	307	102	98	57
3	94	238	---	---	---	---	---	---	439	101	87	59
4	91	223	---	---	---	---	---	---	304	101	82	56
5	116	212	---	---	---	---	---	---	265	93	73	52
6	129	208	---	---	---	---	---	233	---	91	81	54
7	95	206	---	---	---	---	---	219	---	89	116	53
8	95	168	---	---	---	---	---	202	185	87	89	52
9	88	211	---	---	---	---	---	197	143	84	71	53
10	112	255	---	---	---	---	---	198	143	89	66	54
11	110	---	---	---	---	---	---	213	166	88	61	54
12	109	---	---	---	---	---	---	224	144	92	65	81
13	131	---	---	---	---	---	---	209	138	92	77	77
14	125	---	---	---	---	---	---	218	151	91	90	63
15	160	---	---	---	---	---	270	216	154	84	141	58
16	156	---	---	---	---	---	---	218	179	80	145	53
17	242	---	---	---	---	---	---	252	---	82	115	51
18	187	---	---	---	---	---	---	286	---	86	112	49
19	150	---	---	---	---	---	---	246	---	83	158	50
20	137	---	---	---	---	---	---	222	---	80	150	50
21	128	---	---	---	---	---	---	217	---	73	120	44
22	120	---	---	---	---	---	---	222	---	71	112	45
23	110	---	---	---	---	---	---	214	---	78	98	47
24	130	---	---	---	---	---	---	199	---	85	86	48
25	140	---	---	---	---	---	418	216	128	68	83	44
26	118	---	---	---	---	---	319	---	143	59	83	56
27	126	---	---	---	---	---	264	---	136	77	77	146
28	361	---	---	---	---	---	241	---	124	69	78	203
29	324	---	---	---	---	---	224	237	103	72	77	124
30	251	---	---	---	---	---	246	231	131	55	70	101
31	224	---	---	---	---	---	---	289	---	67	67	---
Max	361	---	---	---	---	---	---	---	---	108	158	203
Min	88	---	---	---	---	---	---	---	---	55	61	44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2010, BY WATER YEAR (WY)

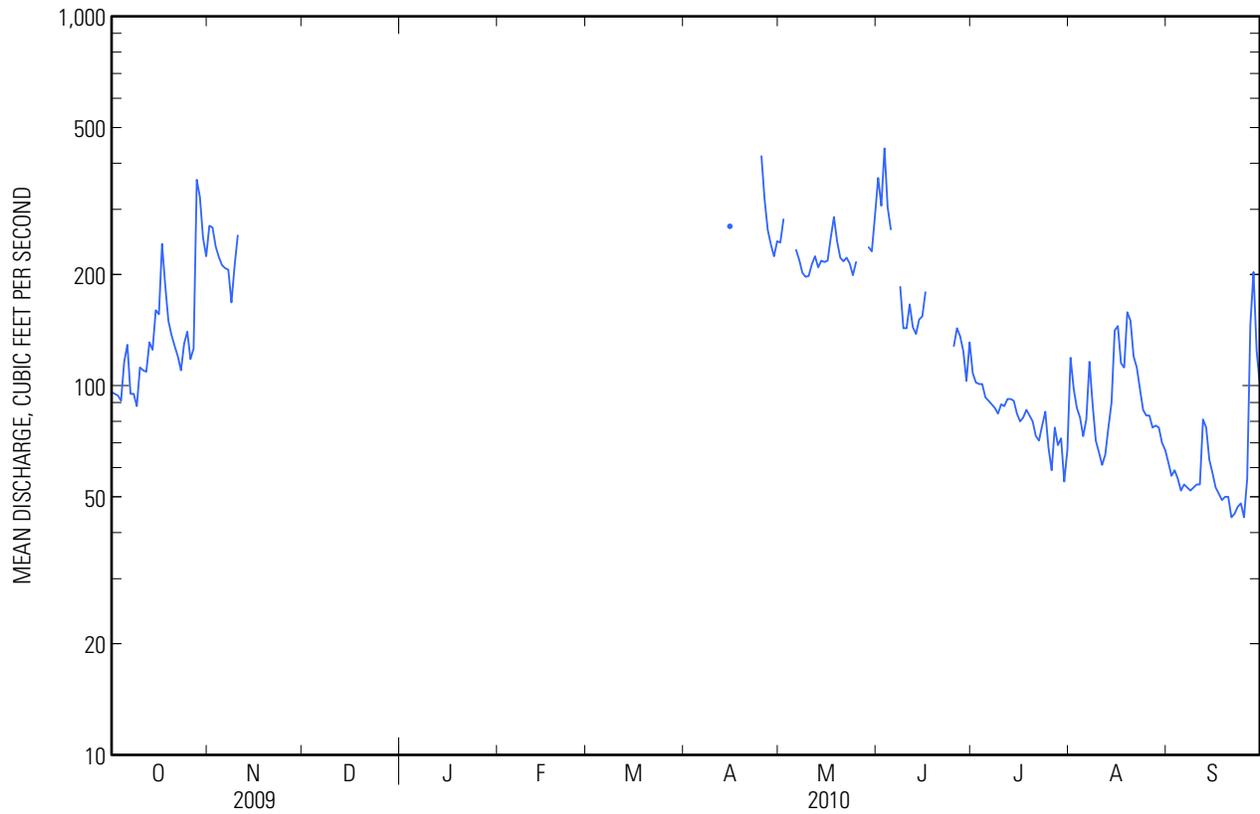
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Max	1,313	784	733	1,203	940	1,324	1,249	920	647	1,024	846	1,003
(WY)	(1965)	(1993)	(1984)	(1937)	(1990)	(1952)	(1936)	(2003)	(1961)	(2007)	(1940)	(2004)
Min	42.2	57.5	96.9	104	96.9	153	127	90.7	50.5	40.4	47.5	51.0
(WY)	(1955)	(2009)	(2001)	(2001)	(2009)	(1988)	(1986)	(2008)	(2008)	(2008)	(2002)	(1954)

02155500 PACOLET RIVER NEAR FINGERVILLE, SC—Continued

SUMMARY STATISTICS

Water Years 1930 - 2010		
Highest daily mean	13,500	Aug 14, 1940
Lowest daily mean	22	Aug 10, 2008
Annual seven-day minimum	23	Aug 6, 2008
Maximum peak flow	^a 22,800	Aug 14, 1940
Maximum peak stage	22.43	Aug 14, 1940

^a From rating curve extended above 9,980 cfs by velocity-area studies.



02155500 PACOLET RIVER NEAR FINGERVILLE, SC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	98	106	959	107	112	341	448	152	97	74	50	43
2	82	98	388	135	263	402	403	151	---	72	52	42
3	77	89	233	132	215	353	372	149	99	72	41	41
4	78	99	188	116	187	237	331	195	93	71	42	42
5	77	107	163	112	318	202	322	165	90	70	60	50
6	71	93	143	116	251	1,050	279	149	87	75	59	111
7	69	92	128	113	468	1,620	239	143	82	78	54	114
8	67	88	123	107	253	779	220	136	80	78	54	75
9	64	86	120	104	190	654	209	137	75	76	47	68
10	66	85	109	109	179	1,080	205	134	82	69	49	58
11	60	84	113	117	173	787	211	140	76	68	45	56
12	62	88	128	111	169	539	231	144	85	66	49	49
13	64	88	136	106	163	429	254	136	95	59	69	50
14	67	84	111	107	159	370	324	131	85	56	108	47
15	70	79	114	104	159	353	323	137	86	59	141	45
16	63	79	117	108	154	395	667	127	155	83	86	44
17	63	117	109	109	152	333	573	158	115	82	66	45
18	60	105	110	119	153	298	415	212	104	70	58	50
19	63	94	107	121	156	285	---	---	104	67	54	48
20	64	89	102	116	147	277	---	128	96	64	76	53
21	74	91	102	113	142	257	---	124	85	77	132	95
22	66	81	102	110	146	273	---	116	85	67	76	175
23	60	81	101	109	144	321	250	115	94	57	60	282
24	61	86	99	107	136	326	205	110	106	55	56	179
25	65	82	99	108	143	298	193	104	92	49	49	110
26	101	86	117	136	148	338	188	101	84	55	46	125
27	240	104	109	153	132	480	187	186	80	53	47	98
28	527	93	103	131	154	400	187	174	91	49	47	87
29	202	82	103	122	---	368	179	130	87	47	43	72
30	145	219	99	118	---	572	190	117	80	43	44	64
31	117	---	100	113	---	558	---	106	---	42	44	---
Max	527	219	959	153	468	1,620	---	---	---	83	141	282
Min	60	79	99	104	112	202	---	---	---	42	41	41

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