

SANTEE RIVER BASIN

02160326 ENOREE RIVER AT PELHAM, SC

LOCATION.--Lat 34°51'23'', long 82°13'35'', Spartanburg County, Hydrologic Unit 03050108, near left bank, on downstream side of bridge on S.C. Highway 14, 0.5 mi downstream from Brushy Creek, at Pelham, and at mile 81.2.

DRAINAGE AREA.--84.2 mi².

PERIOD OF RECORD.--March 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 730 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges and discharges in August and September, 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	91	87	111	110	110	128	e151	168	83	114	137	193
2	91	87	104	110	119	132	e115	182	68	112	122	206
3	88	88	101	110	325	139	e108	138	64	126	148	115
4	87	89	125	112	176	e126	e102	102	67	103	e95	78
5	86	94	154	130	147	113	e97	92	67	105	72	65
6	86	184	120	147	583	113	e95	87	62	105	68	82
7	88	121	109	118	941	112	e95	79	71	86	61	753
8	130	110	105	114	327	107	e94	74	143	101	56	3000
9	141	96	103	116	222	103	e93	72	93	91	56	1230
10	107	92	295	111	185	103	e92	74	88	82	55	302
11	120	92	340	107	166	101	e94	74	71	114	54	184
12	106	91	189	108	261	102	e107	73	71	237	631	142
13	97	93	169	106	198	98	e226	73	87	154	239	124
14	94	86	430	106	177	98	e161	73	254	97	105	117
15	99	87	252	107	226	101	e123	71	289	81	85	108
16	91	87	189	103	198	107	125	66	e190	72	79	117
17	89	103	194	104	163	104	102	76	e130	216	76	955
18	89	94	167	124	153	98	96	241	e110	302	83	374
19	88	637	148	115	154	99	93	167	107	154	74	172
20	89	332	139	105	144	100	93	93	95	91	65	134
21	87	169	131	102	137	113	93	83	168	79	88	119
22	88	137	130	102	130	104	89	77	151	74	81	110
23	84	123	125	101	126	99	83	75	132	72	67	104
24	84	142	129	100	128	99	80	75	112	112	71	99
25	83	133	122	116	125	e99	79	70	227	123	92	94
26	85	113	115	131	135	e99	85	69	418	80	65	92
27	214	108	114	129	170	e98	103	67	148	135	60	360
28	117	153	113	130	150	e98	81	65	115	160	57	2070
29	99	147	113	122	131	e100	78	63	104	375	55	561
30	91	116	121	120	---	e134	79	65	109	787	55	251
31	89	---	114	116	---	e192	---	115	---	216	52	---
TOTAL	3078	4091	4871	3532	6207	3419	3112	2899	3894	4756	3104	12311
MEAN	99.3	136	157	114	214	110	104	93.5	130	153	100	410
MAX	214	637	430	147	941	192	226	241	418	787	631	3000
MIN	83	86	101	100	110	98	78	63	62	72	52	65
CFSM	1.18	1.62	1.87	1.35	2.54	1.31	1.23	1.11	1.54	1.82	1.19	4.87
IN.	1.36	1.81	2.15	1.56	2.74	1.51	1.37	1.28	1.72	2.10	1.37	5.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2004, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	117	121	151	193	209	214	181	154	125	116	148	122
MAX	226	252	287	367	387	384	323	367	245	278	529	410
(WY)	1996	1996	2003	1998	1998	2003	1998	2003	2003	2003	1995	2004
MIN	33.6	62.5	82.4	105	95.7	110	86.6	62.9	44.7	54.3	37.9	46.7
(WY)	2001	2002	2002	2001	2001	2004	2002	2001	2002	2000	1999	1999

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1993 - 2004	
ANNUAL TOTAL	82959		55274		154	
ANNUAL MEAN	227		151		246	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					85.5	
HIGHEST DAILY MEAN	3340	Mar 20	3000	Sep 8	8500	Aug 27 1995
LOWEST DAILY MEAN	83	Oct 25	52	Aug 31	16	a Sep 18 1999
ANNUAL SEVEN-DAY MINIMUM	86	Oct 20	60	Aug 5	19	Sep 14 1999
MAXIMUM PEAK FLOW			3380	Sep 8	b 11300	Aug 27 1995
MAXIMUM PEAK STAGE			13.06	Sep 8	c 22.98	Aug 27 1995
ANNUAL RUNOFF (CFSM)	2.70		1.79		1.83	
ANNUAL RUNOFF (INCHES)	36.65		24.42		24.89	
10 PERCENT EXCEEDS	373		216		254	
50 PERCENT EXCEEDS	162		107		107	
90 PERCENT EXCEEDS	93		73		49	

a Also occurred Sep. 19, 1999.

b From rating curve extended above 3,000 ft³/s on basis of contractd-opening and flow-over-road measurement of peak flow.

c From floodmarks.

e Estimated

