

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 sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54	88	82	77	122	95	123	109	69	50	65	74
2	42	182	79	76	111	94	152	198	67	46	55	71
3	37	106	77	80	106	91	401	750	63	44	273	105
4	651	78	75	128	102	93	310	304	64	43	112	63
5	257	72	73	122	97	92	175	181	104	42	76	47
6	109	68	149	91	93	89	142	142	120	43	68	45
7	82	66	92	85	93	88	128	124	74	42	60	44
8	73	66	80	81	91	88	118	112	66	39	55	41
9	72	66	78	97	88	88	111	105	64	38	51	40
10	519	66	105	491	89	85	107	99	61	37	71	38
11	1140	80	91	310	88	172	105	94	57	39	46	36
12	259	76	79	165	244	134	106	91	56	38	45	36
13	150	67	93	137	161	97	137	87	54	60	41	34
14	120	66	279	117	425	89	199	83	56	65	41	34
15	100	66	148	114	222	88	365	81	54	56	40	31
16	90	65	115	110	159	231	213	81	53	49	39	27
17	80	63	100	102	135	307	155	84	63	45	36	25
18	74	63	93	106	135	162	131	86	77	38	33	33
19	71	64	89	99	128	130	115	84	57	37	41	49
20	84	63	92	116	115	1380	108	80	70	36	35	38
21	91	65	169	96	107	765	104	81	79	34	46	70
22	76	65	142	89	103	249	97	85	71	36	43	93
23	72	64	109	152	102	179	95	81	62	41	39	188
24	69	65	98	128	101	152	130	112	54	51	37	64
25	68	101	90	117	97	140	168	104	50	47	36	67
26	70	529	86	106	98	132	140	111	50	50	35	78
27	68	180	85	96	115	139	184	81	49	45	35	50
28	68	116	83	95	117	147	214	74	49	205	37	44
29	67	101	81	96	99	125	163	76	62	75	34	41
30	67	89	79	164	---	127	125	72	60	64	31	39
31	68	---	78	153	---	126	---	70	---	149	43	---
TOTAL	4848	2906	3169	3996	3743	5974	4821	3922	1935	1684	1699	1645
MEAN	156	96.9	102	129	129	193	161	127	64.5	54.3	54.8	54.8
MAX	1140	529	279	491	425	1380	401	750	120	205	273	188
MIN	37	63	73	76	88	85	95	70	49	34	31	25
CFSM	1.86	1.15	1.21	1.53	1.53	2.29	1.91	1.50	.77	.65	.65	.65
IN.	2.14	1.28	1.40	1.77	1.65	2.64	2.13	1.73	.85	.74	.75	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2000, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	132	129	149	230	239	220	199	153	125	102	164	84.8
MAX	226	252	200	367	387	320	323	227	191	207	529	128
(WY)	1996	1996	1995	1998	1998	1996	1998	1993	1994	1994	1995	1996
MIN	57.0	96.9	102	129	129	113	128	85.2	64.5	54.3	37.9	46.7
(WY)	1994	2000	2000	2000	2000	1999	1995	1999	2000	2000	1999	1999

SUMMARY STATISTICS	02160326 ENOREE RIVER AT PELHAM, SC--Continued		WATER YEARS 1993 - 2000	
	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR		
ANNUAL TOTAL	37996	40342		
ANNUAL MEAN	104	110	161	
HIGHEST ANNUAL MEAN			204	1996
LOWEST ANNUAL MEAN			103	1999
HIGHEST DAILY MEAN	1140	Oct 11	1380	Mar 20
LOWEST DAILY MEAN	16	a Sep 18	25	Sep 17
ANNUAL SEVEN-DAY MINIMUM	19	Sep 14	31	Sep 12
INSTANTANEOUS PEAK FLOW			2040	Mar 20
INSTANTANEOUS PEAK STAGE			10.25	Mar 20
ANNUAL RUNOFF (CFSM)	1.24		1.31	
ANNUAL RUNOFF (INCHES)	16.79		17.82	
10 PERCENT EXCEEDS	164		170	
50 PERCENT EXCEEDS	86		84	
90 PERCENT EXCEEDS	30		41	

a Also occurred Sep. 19, 1999.
 b From rating curve extended above 3,000 ft³/s on basis of contracted-opening and flow-over-road measurement of peak flow.
 c From floodmarks.

