

SANTÉE RIVER BASIN

02164110 REEDY RIVER ABOVE FORK SHOALS, SC

LOCATION.--Lat 34°39'10'', long 82°17'51'', Greenville County, Hydrologic Unit 03050109, at State Road 418 bridge, 0.66 mi southwest of intersection of Road 418 and Road 146, and 2.2 mi north of Fork Shoals and at mile 36.1.

DRAINAGE AREA.--104 mi².

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

GAGE.--Data collection platform. Elevation of gage is 645 ft above NGVD of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good except for discharges Feb. 8 to Apr. 12, which is fair. Diversion into basin by City of Greenville from the Saluda River above station 02162500.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103	118	130	304	186	292	255	200	218	252	390	213
2	99	116	128	224	171	276	247	237	201	2550	1160	157
3	94	108	132	268	164	230	241	274	475	583	412	143
4	91	108	142	203	240	211	239	196	539	305	264	149
5	93	184	1150	185	203	216	320	236	265	241	379	169
6	86	653	507	172	171	1050	304	1100	245	222	224	136
7	86	207	256	167	391	460	1620	1130	1050	247	199	127
8	86	157	204	165	217	302	680	420	507	223	194	128
9	82	139	181	163	186	261	658	294	304	195	196	128
10	86	144	179	171	221	237	892	251	241	202	189	125
11	93	487	637	156	185	218	721	238	230	205	182	120
12	88	799	277	153	169	208	394	229	254	224	187	119
13	207	363	736	151	162	213	315	216	452	183	164	117
14	147	230	512	153	163	203	283	207	226	189	155	114
15	830	188	279	151	186	205	265	214	200	188	195	114
16	1710	576	228	153	283	361	252	203	196	195	163	116
17	573	513	201	171	393	246	264	430	213	173	305	113
18	231	262	181	153	248	412	719	273	197	159	255	112
19	170	210	172	148	206	560	313	269	528	190	979	110
20	144	186	710	148	188	4260	256	218	314	255	236	107
21	143	173	332	154	177	2630	347	212	204	178	196	106
22	129	165	226	188	1010	633	452	2300	182	296	192	126
23	124	156	198	158	666	435	258	2690	173	237	162	766
24	117	149	1240	149	296	368	238	609	171	195	152	192
25	115	147	889	142	253	330	257	385	166	159	150	141
26	138	147	353	144	245	293	339	331	169	155	146	127
27	120	142	267	142	795	281	243	282	169	184	141	121
28	136	134	237	141	493	282	212	263	166	157	142	127
29	256	133	212	157	---	261	209	245	161	161	142	113
30	188	133	205	462	---	437	209	230	165	167	135	112
31	135	---	204	241	---	299	---	232	---	1540	133	---
TOTAL	6700	7227	11305	5637	8268	16670	12002	14614	8584	10410	8119	4548
MEAN	216	241	365	182	295	538	400	471	286	336	262	152
MAX	1710	799	1240	462	1010	4260	1620	2690	1050	2550	1160	766
MIN	82	108	128	141	162	203	209	196	161	155	133	106
CFSM	2.08	2.32	3.51	1.75	2.84	5.17	3.85	4.53	2.75	3.23	2.52	1.46
IN.	2.40	2.59	4.04	2.02	2.96	5.96	4.29	5.23	3.07	3.72	2.90	1.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

MEAN	175	166	195	258	275	307	244	199	180	169	192	159
MAX	331	311	365	464	530	538	546	471	286	336	501	271
(WY)	2000	1996	2003	1998	1998	2003	1998	2003	2003	2003	1995	2002
MIN	67.0	94.3	112	150	132	172	127	101	77.2	100	74.3	121
(WY)	2001	2002	2002	2001	2002	1999	2002	2001	2002	2002	2002	1997

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	64791		114084			
ANNUAL MEAN	178		313		210	
HIGHEST ANNUAL MEAN					313	2003
LOWEST ANNUAL MEAN					133	2002
HIGHEST DAILY MEAN	2570	Sep 16	4260	Mar 20	6260	Aug 27 1995
LOWEST DAILY MEAN	39	Aug 11	82	Oct 9	39	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	41	Aug 9	87	Oct 6	41	Aug 9 2002
MAXIMUM PEAK FLOW			6070	Mar 20	8200	Aug 27 1995
MAXIMUM PEAK STAGE			19.01	Mar 20	21.77	Aug 27 1995
INSTANTANEOUS LOW FLOW			80	a Oct 12	38	b Aug 11 2002
ANNUAL RUNOFF (CFSM)	1.71		3.01		2.02	
ANNUAL RUNOFF (INCHES)	23.18		40.81		27.39	
10 PERCENT EXCEEDS	308		574		335	
50 PERCENT EXCEEDS	117		205		145	
90 PERCENT EXCEEDS	56		127		82	

a Also occurred Oct. 13.
 b Also occurred Aug. 12, 2002.

