

SANTEE RIVER BASIN

02164110 REEDY RIVER ABOVE FORK SHOALS, SC

LOCATION.--Lat 34°39'13'', long 82°17'45'', Greenville County, Hydrologic Unit 03050109, at Jenkins Bridge Road bridge, 0.10 mi northeast of intersection of Road 418 and Road 146, and 2.4 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 and crest-stage gage. Elevation of gage is 645 ft above NGVD of 1929 (from topographic map). Prior to October 1, 2004, at site 350 ft downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversion into basin by City of Greenville from the Saluda River above station 02162500.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e244	e129	184	159	159	284	448	237	406	300	169	100
2	e195	e152	154	155	150	218	328	175	700	244	148	96
3	e210	e162	136	155	414	199	248	161	284	211	134	93
4	e198	652	128	155	247	189	224	157	224	239	129	90
5	e165	464	124	147	188	180	208	162	197	228	124	88
6	e155	201	e215	149	165	173	198	158	209	210	122	89
7	e158	163	e350	160	155	170	214	149	799	2260	188	92
8	e150	e156	185	159	155	325	699	145	394	2480	212	89
9	e148	e152	551	148	156	213	518	141	546	425	185	89
10	e148	e134	3830	141	156	182	269	146	419	267	300	85
11	e145	e131	906	144	145	174	230	196	497	244	165	84
12	e145	e205	363	142	143	170	219	144	258	325	174	84
13	e155	e235	e280	141	142	167	437	139	294	312	152	86
14	e157	e150	e240	572	156	187	289	334	227	250	169	86
15	e138	e142	203	231	178	174	222	285	202	231	135	85
16	e135	e138	193	181	146	305	201	226	190	212	129	85
17	e132	135	181	165	147	268	188	167	178	187	149	82
18	e128	130	180	160	141	207	181	155	171	177	203	82
19	e155	125	168	e154	141	188	179	148	239	172	147	78
20	e157	131	161	155	150	179	176	1800	203	164	128	81
21	e142	126	e161	151	378	172	172	537	246	233	139	81
22	e134	129	e161	146	398	181	216	268	237	163	136	83
23	e132	e145	821	146	210	566	303	218	185	180	118	82
24	e140	e260	e400	e139	315	268	188	198	167	151	167	80
25	e130	301	e255	143	229	213	170	176	160	143	117	78
26	e125	167	e210	144	194	197	170	170	178	144	111	80
27	120	144	e190	140	180	245	232	163	622	138	106	82
28	123	e169	e175	134	519	3220	173	154	1030	145	103	83
29	123	e140	170	138	---	848	163	152	1080	266	104	124
30	120	131	165	238	---	347	230	175	529	243	107	116
31	e119	---	163	220	---	552	---	166	---	182	111	---
TOTAL	4626	5599	11603	5312	5857	10961	7693	7602	11071	11126	4581	2633
MEAN	149	187	374	171	209	354	256	245	369	359	148	87.8
MAX	244	652	3830	572	519	3220	699	1800	1080	2480	300	124
MIN	119	125	124	134	141	167	163	139	160	138	103	78
CFSM	1.43	1.79	3.60	1.65	2.01	3.40	2.47	2.36	3.55	3.45	1.42	0.84
IN.	1.65	2.00	4.15	1.90	2.10	3.92	2.75	2.72	3.96	3.98	1.64	0.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2005, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	169	168	208	240	266	297	236	195	195	201	188	192
MAX	331	311	374	464	530	538	546	471	369	359	501	634
(WY)	2000	1996	2005	1998	1998	2003	1998	2003	2005	2004	1995	2004
MIN	67.0	94.3	112	131	132	138	127	101	77.2	100	74.3	87.8
(WY)	2001	2002	2002	2004	2002	2004	2002	2001	2002	2002	2002	2005

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1994 - 2005	
ANNUAL TOTAL	85547		88664		213	
ANNUAL MEAN	234		243		313	
HIGHEST ANNUAL MEAN					133	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	5240	Sep 28	3830	Dec 10	6260	Aug 27 1995
LOWEST DAILY MEAN	78	May 29	78	a Sep 19	39	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	82	May 23	80	Sep 19	41	Aug 9 2002
MAXIMUM PEAK FLOW			5330		Dec 10	b 8200
MAXIMUM PEAK STAGE			18.01		Dec 10	b 21.77
INSTANTANEOUS LOW FLOW			75		Sep 19	38
ANNUAL RUNOFF (CFSM)	2.25		2.34		2.05	
ANNUAL RUNOFF (INCHES)	30.60		31.71		27.80	
10 PERCENT EXCEEDS	311		369		334	
50 PERCENT EXCEEDS	142		169		146	
90 PERCENT EXCEEDS	105		118		85	

a Also occurred Sep. 25.
 b At site and datum then in use.
 c Also occurred Aug. 12, 2002.

e Estimated

