

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

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	108	110	127	122	125	140	173	201	111	166	245	164
2	108	107	125	121	126	146	138	245	87	130	205	280
3	111	106	123	123	463	152	130	179	81	169	338	173
4	105	108	148	124	202	143	124	124	86	124	186	122
5	105	129	193	138	174	141	120	113	92	127	177	109
6	111	214	139	208	662	149	121	109	80	659	170	105
7	108	154	127	136	893	139	120	103	79	170	143	1060
8	152	127	124	125	290	131	131	98	140	235	138	e4580
9	200	125	124	131	216	134	119	98	201	375	128	e1630
10	133	116	452	127	197	133	115	104	103	144	127	e340
11	167	116	445	118	174	131	120	98	86	144	123	e240
12	132	117	203	118	306	132	128	101	84	280	924	e190
13	119	114	168	124	222	130	399	99	85	322	415	e170
14	116	112	518	119	188	133	215	97	120	154	195	e165
15	117	110	262	115	260	139	142	96	599	124	162	e140
16	113	106	189	116	251	141	130	94	239	114	148	e190
17	109	142	189	116	182	138	122	91	125	128	148	e750
18	107	132	168	140	169	130	116	182	107	813	165	e415
19	104	1040	156	127	161	130	113	153	146	770	148	e200
20	103	342	142	117	160	127	113	101	215	207	132	e175
21	106	183	135	117	155	161	111	95	299	170	158	e160
22	105	152	134	113	148	128	109	89	234	140	127	e140
23	104	138	139	117	155	125	110	85	143	131	124	e145
24	103	155	150	115	155	123	104	83	130	124	178	e133
25	100	166	131	128	144	124	106	85	155	131	146	e130
26	113	133	129	174	156	122	115	83	711	118	126	e120
27	319	126	128	146	183	122	123	82	196	341	119	e650
28	148	191	126	164	163	120	105	80	142	175	113	e5240
29	124	190	124	149	146	118	101	78	124	836	110	e805
30	117	134	139	134	---	186	104	87	133	3170	109	e290
31	112	---	128	128	---	200	---	157	---	436	110	---
TOTAL	3879	5195	5585	4050	6826	4268	3977	3490	5133	11127	5837	19011
MEAN	125	173	180	131	235	138	133	113	171	359	188	634
MAX	319	1040	518	208	893	200	399	245	711	3170	924	5240
MIN	100	106	123	113	125	118	101	78	79	114	109	105
CFSM	1.20	1.67	1.73	1.26	2.26	1.32	1.27	1.08	1.65	3.45	1.81	6.09
IN.	1.39	1.86	2.00	1.45	2.44	1.53	1.42	1.25	1.84	3.98	2.09	6.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
MEAN	171	166	193	247	271	292	234	191	179	187	191	202
MAX	331	311	365	464	530	538	546	471	286	359	501	634
(WY)	2000	1996	2003	1998	1998	2003	1998	2003	2003	2004	1995	2004
MIN	67.0	94.3	112	131	132	138	127	101	77.2	100	74.3	121
(WY)	2001	2002	2002	2004	2002	2004	2002	2001	2002	2002	2002	1997

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1994 - 2004	
ANNUAL TOTAL	103511		78378		210	
ANNUAL MEAN	284		214		313	
HIGHEST ANNUAL MEAN					133	
LOWEST ANNUAL MEAN					133	
HIGHEST DAILY MEAN	4260	Mar 20	5240	Sep 28	6260	Aug 27 1995
LOWEST DAILY MEAN	100	Oct 25	78	May 29	39	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	104	Oct 19	82	May 23	41	Aug 9 2002
MAXIMUM PEAK FLOW			5380		8200	
MAXIMUM PEAK STAGE			18.08		21.77	
INSTANTANEOUS LOW FLOW			73		38 ^a	
ANNUAL RUNOFF (CFSM)	2.73		2.06		2.02	
ANNUAL RUNOFF (INCHES)	37.03		28.04		27.44	
10 PERCENT EXCEEDS	452		290		331	
50 PERCENT EXCEEDS	192		132		144	
90 PERCENT EXCEEDS	115		104		83	

a Also occurred Aug. 12, 2002.

e Estimated

