

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC

LOCATION.--Lat 34°36'53'' (revised), long 82°26'39'' (revised), Greenville County, Hydrologic Unit 03050109, 1300 ft downstream of Pelzer Mills dam, and approximately 2 mi east of Williamston.

DRAINAGE.--414 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 650 ft above sea level (from topographic map). Prior at October 1, 1999, at site 1500 ft downstream and at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

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	e118	281	e475	329	465	413	548	451	242	244	386	122
2	e97	388	e720	353	604	356	572	499	244	229	293	191
3	e94	438	403	315	413	397	729	422	180	181	326	282
4	e232	424	319	361	399	399	1350	566	171	147	398	288
5	e463	362	320	477	361	413	1120	382	309	219	347	120
6	396	321	422	422	360	382	857	434	315	190	342	316
7	330	302	316	400	375	388	691	383	298	e100	283	237
8	218	350	171	343	373	365	645	370	184	e104	228	135
9	243	319	193	367	381	351	644	379	131	e133	220	149
10	1870	310	280	952	359	359	421	363	254	e80	296	139
11	2890	225	386	1560	362	374	618	384	200	e67	271	253
12	1120	e210	325	958	433	477	541	354	262	e82	211	114
13	671	e276	350	600	523	588	419	332	160	e58	171	121
14	319	e258	712	450	940	345	548	320	179	e53	166	135
15	348	e242	1130	483	980	376	901	313	148	56	149	133
16	348	e262	689	504	806	513	965	297	268	e49	218	128
17	365	e220	553	391	600	1360	573	284	347	e51	243	156
18	308	e190	432	418	453	1090	644	324	302	e27	125	132
19	307	e222	409	444	430	780	576	308	276	e14	135	202
20	325	e293	398	419	494	2500	507	306	295	e23	136	150
21	318	e263	497	410	442	2740	433	289	309	e6.3	117	177
22	293	e288	726	419	586	1450	477	282	319	e12	181	283
23	292	e329	430	468	402	1040	584	289	283	18	124	438
24	302	e279	358	654	413	650	442	303	145	e38	252	296
25	287	e266	223	505	385	644	598	334	269	101	117	286
26	151	e598	368	444	384	588	620	305	158	88	120	357
27	267	e1060	372	340	394	575	405	285	147	53	125	251
28	315	e495	356	457	447	559	494	285	253	e35	127	161
29	307	e338	337	380	429	546	634	298	330	e20	217	162
30	295	e351	326	384	---	485	546	295	281	e15	84	153
31	253	---	322	566	---	377	---	246	---	e130	234	---
TOTAL	14142	10160	13318	15573	13993	21880	19102	10682	7259	2623.3	6642	6067
MEAN	456	339	430	502	483	706	637	345	242	84.6	214	202
MAX	2890	1060	1130	1560	980	2740	1350	566	347	244	398	438
MIN	94	190	171	315	359	345	405	246	131	6.3	84	114
CFSM	1.10	.82	1.04	1.21	1.17	1.70	1.54	.83	.58	.20	.52	.49
IN.	1.27	.91	1.20	1.40	1.26	1.97	1.72	.96	.65	.24	.60	.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2000, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000
MEAN	651	606	640	1037	1089	1153
MAX	1156	1324	877	1833	1916	1729
(WY)	1996	1996	1997	1998	1998	1998
MIN	398	339	430	502	483	516
(WY)	1999	2000	2000	2000	2000	1999

SANTEE RIVER BASIN

SUMMARY STATISTICS		02163001 SALUDA RIVER NEAR WILLIAMSTON, SC--Continued		WATER YEARS 1995 - 2000	
		FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR		
ANNUAL TOTAL	142368	141441.3			
ANNUAL MEAN	390	386		703	
HIGHEST ANNUAL MEAN				1026	1998
LOWEST ANNUAL MEAN				386	2000
HIGHEST DAILY MEAN	2890	Oct 11	2890	Oct 11	12000
LOWEST DAILY MEAN	50	Aug 5	6.3	Jul 21	e 6.3
ANNUAL SEVEN-DAY MINIMUM	84	Aug 11	20	Jul 18	20
INSTANTANEOUS PEAK FLOW			6190	Oct 10	a Unknown
INSTANTANEOUS PEAK STAGE			10.44	Oct 10	a 21.40
ANNUAL RUNOFF (CFSM)	.94		.93		1.70
ANNUAL RUNOFF (INCHES)	12.79		12.71		23.07
10 PERCENT EXCEEDS	628		637		1350
50 PERCENT EXCEEDS	340		329		493
90 PERCENT EXCEEDS	139		125		244

a At site and datum then in use, from floodmarks.

e Estimated

