

02163001 SALUDA RIVER NEAR WILLIAMSTON, SC

LOCATION.--Lat 34°36'53'', long 82°26'39'', 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 NGVD of 1929 (from topographic map). Prior at October 1, 1999, at site 1500 ft downstream and at different datum.

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

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	1430	530	727	1070	810	1120	1870	808	565	1370	1120	857
2	1180	765	1000	1030	751	1020	1570	983	1260	1220	1070	522
3	1070	582	961	1000	979	855	1490	705	1590	1120	810	555
4	993	1450	886	1020	1160	836	1320	714	1180	1120	963	417
5	962	2560	721	1020	1000	805	1190	733	999	1050	704	546
6	642	1540	1010	1030	880	805	1140	757	915	1160	521	407
7	733	1130	1060	846	1070	719	1100	620	693	5240	807	561
8	712	1000	1120	853	770	921	1340	652	750	9320	1010	349
9	722	909	1460	947	979	858	1420	656	842	3720	1020	417
10	654	858	7220	929	747	807	1280	601	937	2000	e960	495
11	664	892	4310	772	724	785	1130	685	947	1650	e950	373
12	713	792	2220	773	772	759	1120	670	1020	1990	e930	426
13	688	1030	1700	961	743	688	1510	597	1280	2040	e870	404
14	496	1100	1410	1420	766	748	1700	721	2340	1680	e810	459
15	746	983	1250	1460	945	755	1280	722	1600	1610	e715	388
16	642	958	1170	1140	666	752	1140	712	1080	1530	e700	356
17	417	935	1130	1030	511	863	1090	785	902	1390	e690	379
18	540	902	1100	1020	804	773	1070	695	720	1230	e670	367
19	702	776	1070	955	715	804	896	601	932	1130	704	358
20	628	715	994	651	644	758	799	1670	782	1090	952	438
21	685	692	1000	957	855	696	1010	1410	899	1110	639	371
22	631	683	981	823	1150	705	803	1030	865	1110	723	295
23	687	446	1560	728	887	1190	873	781	747	1250	692	356
24	687	633	3490	721	957	913	1030	758	716	1110	994	342
25	809	1110	2270	753	962	1130	777	724	664	1030	1010	360
26	675	1110	1590	747	795	798	999	703	594	739	699	283
27	580	999	1400	849	813	859	796	329	765	1010	606	363
28	543	949	1280	747	1050	5070	764	691	2350	693	701	399
29	704	728	1190	818	---	4220	951	594	3870	734	587	404
30	474	928	1170	805	---	2220	750	521	1890	1230	611	441
31	708	---	1060	987	---	1820	---	831	---	1130	521	---
TOTAL	22517	28685	49510	28862	23905	36052	34208	23459	34694	53806	24759	12688
MEAN	726	956	1597	931	854	1163	1140	757	1156	1736	799	423
MAX	1430	2560	7220	1460	1160	5070	1870	1670	3870	9320	1120	857
MIN	417	446	721	651	511	688	750	329	565	693	521	283
CFSM	1.75	2.31	3.86	2.25	2.06	2.81	2.75	1.83	2.79	4.19	1.93	1.02
IN.	2.02	2.58	4.45	2.59	2.15	3.24	3.07	2.11	3.12	4.83	2.22	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
MEAN	527	575	739	816	890	996	866	723	610	582	516	587
MAX	1156	1324	1597	1833	1916	1729	1772	1569	1185	1736	1464	2299
(WY)	1996	1996	2005	1998	1998	1998	1998	2003	2003	2005	1995	2004
MIN	165	215	329	392	375	504	411	287	242	84.6	108	162
(WY)	2001	2002	2002	2001	2001	2002	2001	2001	2000	2000	2002	1999

SANTEE RIVER BASIN

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	305715		373145		690	
ANNUAL MEAN	835		1022		1026	
HIGHEST ANNUAL MEAN					328	
LOWEST ANNUAL MEAN					12000	
HIGHEST DAILY MEAN	e 11500	Sep 9	9320	Jul 8	e 12000	Aug 28 1995
LOWEST DAILY MEAN	264	Jun 4	283	Sep 26	6.3	Jul 21 2000
ANNUAL SEVEN-DAY MINIMUM	330	Jun 3	339	Sep 21	20	Jul 18 2000
MAXIMUM PEAK FLOW			11700		Jul 8	Unknown
MAXIMUM PEAK STAGE			13.79		Jul 8	a 21.40
ANNUAL RUNOFF (CFSM)	2.02		2.47		1.67	
ANNUAL RUNOFF (INCHES)	27.47		33.53		22.66	
10 PERCENT EXCEEDS	1250		1470		1270	
50 PERCENT EXCEEDS	597		857		493	
90 PERCENT EXCEEDS	372		536		211	

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

e Estimated

