

02169000 SALUDA RIVER NEAR COLUMBIA, SC

LOCATION.--Lat 34°00'50'', long 81°05'17'', Richland County, Hydrologic Unit 03050109, on left bank 0.4 mi upstream from site of Old Saluda Mill, 1.6 mi upstream from confluence with Broad River and 3.3 mi west of State Capital in Columbia, and at mile 1.67.

DRAINAGE AREA.--2,520 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1925 to current year.

GAGE.--Data collection platform. Datum of gage is 149.46 ft above sea level. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see sta 02168500).

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	207	536	1840	473	5980	590	1190	527	526	519	1280	1010
2	202	844	1230	474	2200	628	1150	615	525	557	2410	1180
3	202	212	1010	463	2520	625	2400	544	1580	671	2690	876
4	785	212	601	815	4070	477	1150	502	440	585	2160	881
5	755	211	477	2240	4710	354	690	500	457	567	1280	956
6	466	232	460	3200	7620	313	648	500	636	688	1300	835
7	900	231	2820	2230	3690	325	719	495	603	642	3260	1560
8	469	228	710	2830	2290	296	546	488	471	716	1960	1190
9	491	228	742	548	1380	289	2820	1270	481	661	4050	806
10	469	227	610	1120	1030	347	2970	393	481	607	1730	843
11	1940	289	507	927	738	1270	783	271	478	539	2560	778
12	764	401	501	3220	597	1190	599	565	521	561	1500	783
13	678	381	503	2320	595	1810	876	3060	308	712	1210	784
14	2930	380	537	4530	1340	1920	1540	657	672	471	1770	773
15	6620	413	512	5590	1870	3090	1740	494	2270	533	1460	860
16	7800	1370	507	1710	1230	1120	784	493	809	522	859	837
17	3280	1300	937	2470	2270	1080	2430	496	590	499	772	904
18	907	605	544	5580	1120	1590	1220	555	693	245	1020	857
19	649	430	592	4650	985	1130	338	560	653	280	1030	1270
20	264	434	592	2340	805	3380	321	676	716	752	689	1220
21	882	433	1230	3720	599	3920	465	484	1030	834	675	1170
22	470	450	882	4360	772	4330	453	464	696	822	622	988
23	452	314	805	2420	626	1280	437	465	584	586	1570	1400
24	451	252	780	7330	691	2060	453	644	519	650	827	4950
25	525	256	763	6710	639	615	458	488	519	461	705	5100
26	557	336	766	8670	595	982	452	349	617	312	698	2840
27	562	302	756	10100	589	1840	451	794	659	2170	1020	2410
28	445	283	5340	8530	597	3810	452	559	572	656	855	3440
29	441	271	1970	3870	584	1220	445	531	546	300	780	4360
30	443	992	497	5290	---	2420	447	531	240	617	1060	3680
31	443	---	496	8650	---	1460	---	529	---	2530	1720	---
TOTAL	36449	13053	30517	117380	52732	45761	29427	19499	19892	21265	45522	49541
MEAN	1176	435	984	3786	1818	1476	981	629	663	686	1468	1651
MAX	7800	1370	5340	10100	7620	4330	2970	3060	2270	2530	4050	5100
MIN	202	211	460	463	584	289	321	271	240	245	622	773
CFSM	.47	.17	.39	1.50	.72	.59	.39	.25	.26	.27	.58	.66
IN.	.54	.19	.45	1.73	.78	.68	.43	.29	.29	.31	.67	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2000, BY WATER YEAR (WY)

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	2883	2540	2541	3077	3315	3331	3045	2253	2519	2650	2995	2920																																																																
MAX	20230	6552	7006	9255	8999	18450	20450	7823	8300	5276	14400	8937																																																																
(WY)	1930	1986	1977	1982	1998	1929	1936	1929	1965	1937	1928	1928																																																																
MIN	124	94.5	350	462	248	155	196	60.3	50.2	49.8	43.3	66.4																																																																
(WY)	1931	1931	1956	1989	1940	1938	1930	1930	1930	1930	1930	1930																																																																

SANTEE RIVER BASIN

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1925 - 2000	
ANNUAL TOTAL	389026		481038		2839	
ANNUAL MEAN	1066		1314		5431	
HIGHEST ANNUAL MEAN					1936	
LOWEST ANNUAL MEAN					815	
HIGHEST DAILY MEAN	7800	Oct 16	10100	Jan 27	62300	Oct 2 1929
LOWEST DAILY MEAN	202	Oct 2	202	Oct 2	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	222	Nov 3	222	Nov 3	21	Aug 28 1930
INSTANTANEOUS PEAK FLOW			16800		a 67000	Oct 2 1929
INSTANTANEOUS PEAK STAGE			7.70		15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			199		11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	.42		.52		1.13	
ANNUAL RUNOFF (INCHES)	5.74		7.10		15.31	
10 PERCENT EXCEEDS	2240		3120		6270	
50 PERCENT EXCEEDS	703		702		1960	
90 PERCENT EXCEEDS	427		372		408	

a From rating curve extended above 36,000 ft³/s.

