

SANTEE RIVER BASIN

311

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 NGVD of 1929. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Murray (see sta 02168500).

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	1280	916	767	2400	2280	709	764	1310	439	1310	545	582
2	851	888	805	1790	1260	751	766	1200	630	628	603	563
3	758	881	807	1030	1490	750	750	956	624	603	755	568
4	657	964	916	1030	1690	535	740	1110	657	582	941	561
5	655	1260	1160	1030	2240	876	725	933	679	571	663	556
6	783	1250	1200	1190	2470	1040	695	842	691	564	748	556
7	1090	1240	1160	1410	4160	616	628	1060	645	548	753	1540
8	987	1250	1040	1430	5120	979	606	3270	458	537	748	2100
9	968	e1300	1050	1450	5410	1210	605	746	507	532	671	3790
10	923	e1280	1170	1450	5960	1240	604	691	500	526	558	4000
11	923	1240	1370	2300	4080	1400	604	1150	495	555	539	4650
12	938	1200	1310	2430	3970	1190	579	846	676	578	1080	e4660
13	871	997	1300	2550	6300	1160	694	683	560	584	740	e4640
14	1360	1140	1780	1910	5730	1170	1070	1270	416	524	678	4670
15	1510	968	2370	1080	6840	974	1260	605	692	515	1010	5690
16	1240	883	2070	1080	8830	588	1240	966	758	504	701	6460
17	871	804	2070	1090	3860	617	1230	705	1490	508	667	4960
18	861	449	2390	1100	3080	838	1220	657	805	721	634	3580
19	850	537	2580	1090	1750	804	1200	602	985	553	581	3030
20	1040	556	2490	1110	669	847	1340	803	1060	537	551	2300
21	1160	618	2460	1370	568	982	2030	667	814	498	544	2290
22	1120	715	2450	1650	852	1230	1530	679	981	485	544	2430
23	1210	732	2440	1140	1480	2240	1540	767	915	486	550	1710
24	1220	589	2400	1190	775	1350	1170	2190	712	487	522	636
25	1030	586	2390	1280	532	615	891	1490	660	483	490	591
26	1110	588	2380	1860	4860	604	909	521	648	503	507	614
27	1120	590	2390	1830	4430	599	934	371	1130	706	516	2540
28	991	611	e2400	2120	3380	598	868	362	1330	635	495	4500
29	855	629	2390	2470	1610	592	867	377	709	596	521	11600
30	834	733	e2390	2600	---	2380	859	423	691	578	638	3990
31	944	---	2380	2600	---	962	---	271	---	574	716	---
TOTAL	31010	26394	56275	50060	95676	30446	28918	28523	22357	18011	20209	90357
MEAN	1000	880	1815	1615	3299	982	964	920	745	581	652	3012
MAX	1510	1300	2580	2600	8830	2380	2030	3270	1490	1310	1080	11600
MIN	655	449	767	1030	532	535	579	271	416	483	490	556
CFSM	0.40	0.35	0.72	0.64	1.31	0.39	0.38	0.37	0.30	0.23	0.26	1.20
IN.	0.46	0.39	0.83	0.74	1.41	0.45	0.43	0.42	0.33	0.27	0.30	1.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2004, 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	2001	2002	2003	2004
MEAN	2832	2499	2515	2999	3257	3326	3010	2243	2464	2613	2942	2866																																																																				
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																																																																				

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1925 - 2004	
ANNUAL TOTAL	1444812		498236		2797	
ANNUAL MEAN	3958		1361		5431	
HIGHEST ANNUAL MEAN					1936	
LOWEST ANNUAL MEAN					815	
HIGHEST DAILY MEAN	18900	a Mar 7	11600	Sep 29	62300	Oct 2 1929
LOWEST DAILY MEAN	449	Nov 18	271	May 31	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	599	Nov 18	395	May 26	21	Aug 28 1930
MAXIMUM PEAK FLOW			15200	Feb 16	b 67000	Oct 2 1929
MAXIMUM PEAK STAGE			7.40	Feb 16	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			257	May 31	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	1.57		0.540		1.11	
ANNUAL RUNOFF (INCHES)	21.33		7.35		15.08	
10 PERCENT EXCEEDS	9290		2480		6240	
50 PERCENT EXCEEDS	2560		923		1910	
90 PERCENT EXCEEDS	912		538		419	

a Also occurred Mar. 21.
 b From rating curve extended logarithmically above 36,000 ft³/s.
 e Estimated

