

SANTEE RIVER BASIN

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2120	2920	4210	4560	3470	3290	1960	2900	1430	9520	2260	1510
2	1960	2770	4460	4500	3930	4230	1580	2820	1310	9770	1950	1500
3	4190	1930	4250	4490	3220	6390	1020	1560	746	9010	2790	1570
4	3470	2990	5840	4510	2580	4680	3230	1520	2180	3510	4890	1640
5	3220	2840	5060	4610	2070	3380	7720	2560	4990	3960	4180	1480
6	3440	3250	e4370	4410	1130	11400	1960	8900	9080	5420	3390	1470
7	3390	3650	3150	4630	1420	18900	7010	12600	9250	4040	10600	1880
8	1930	3650	3600	4430	1600	18300	15300	10900	979	5360	4960	1950
9	1730	1870	2950	4410	1570	18200	9740	6130	6550	8010	3780	1950
10	2960	1410	1430	2880	2520	13500	17200	6770	5330	3710	3190	2270
11	2490	3470	1720	4410	3040	8470	14200	2690	6030	6970	2850	1670
12	2510	3840	1840	4440	5930	9310	12300	2750	2780	5670	3020	1670
13	1830	3520	3380	4440	7330	9320	10700	2550	1190	3300	2420	1710
14	2800	2730	4020	4560	4220	9310	7090	1880	1040	3270	3350	1790
15	3140	3390	4760	3770	1860	7420	7320	751	1850	5250	2540	1420
16	3030	3460	4280	2870	3170	6330	4610	2150	3580	4190	2330	993
17	2930	3730	4450	2880	5690	5610	3950	2110	4450	3940	2630	1030
18	2450	4550	4470	2880	4200	9270	5170	2020	6590	4180	5330	1000
19	1690	4410	4490	2890	3890	9270	11600	3180	8920	3680	5600	992
20	2010	4160	3620	2390	3030	14000	8800	4800	5540	3640	5210	984
21	2440	3960	3950	1000	2990	18900	13600	11200	1400	3460	5540	984
22	3830	4050	3920	819	3210	18000	14500	8380	1170	4310	4790	1360
23	1770	4070	3900	831	6170	17900	10200	8720	1440	5540	3550	1140
24	2790	4100	4750	1550	7000	17000	4140	10800	2360	3520	2800	995
25	2920	4080	5850	942	7620	15200	8850	15500	3000	3430	2560	1160
26	2100	4170	4500	918	6000	13400	2890	15400	3640	3940	3320	1730
27	2060	4480	4430	953	6240	12200	1590	12600	1460	3480	2400	1710
28	2760	4380	4140	1210	3770	7050	2380	5950	1050	3370	2120	1800
29	3790	4260	3820	1580	---	5470	2450	5200	1420	3330	1920	1850
30	2950	4260	3930	2540	---	4420	4720	906	1620	1960	2230	1660
31	2180	---	4260	3230	---	6360	---	3950	---	3120	1720	---
TOTAL	82880	106350	123800	94533	108870	326480	217780	180147	102375	145860	110220	44868
MEAN	2674	3545	3994	3049	3888	10530	7259	5811	3412	4705	3555	1496
MAX	4190	4550	5850	4630	7620	18900	17200	15500	9250	9770	10600	2270
MIN	1690	1410	1430	819	1130	3290	1020	751	746	1960	1720	984
CFSM	1.06	1.41	1.58	1.21	1.54	4.18	2.88	2.31	1.35	1.87	1.41	0.59
IN.	1.22	1.57	1.83	1.40	1.61	4.82	3.21	2.66	1.51	2.15	1.63	0.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2003, BY WATER YEAR (WY)

MEAN	2856	2520	2523	3017	3257	3356	3037	2260	2486	2639	2971	2864
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

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1925 - 2003	
ANNUAL TOTAL	594652		1644163		2816	
ANNUAL MEAN	1629		4505		5431	
HIGHEST ANNUAL MEAN					1936	
LOWEST ANNUAL MEAN					815	
HIGHEST DAILY MEAN	5850	Dec 25	18900	a Mar 7	62300	Oct 2 1929
LOWEST DAILY MEAN	266	Feb 17	746	Jun 3	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	503	Apr 2	1000	Jan 21	21	Aug 28 1930
MAXIMUM PEAK FLOW			20800	Mar 20	b 67000	Oct 2 1929
MAXIMUM PEAK STAGE			8.39	Mar 20	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			599	Jun 3	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	0.65		1.79		1.12	
ANNUAL RUNOFF (INCHES)	8.78		24.27		15.18	
10 PERCENT EXCEEDS	3910		9290		6260	
50 PERCENT EXCEEDS	1120		3520		1930	
90 PERCENT EXCEEDS	519		1450		417	

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

