

SANTÉE 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2300	514	1550	2740	916	4770	13500	1530	8150	3340	3110	5370
2	3890	505	1840	2550	1850	4470	12600	2080	13200	5530	3220	5490
3	3890	497	2370	2740	2890	3020	2610	607	13700	3570	2640	5490
4	3600	584	2280	1460	3670	1030	4460	546	13800	7660	1920	5490
5	1380	732	2310	1200	3820	1590	6390	531	11900	1600	1420	5490
6	e670	634	2940	2080	2890	1600	3440	529	1080	4940	1440	5220
7	e630	650	2590	1650	3630	2360	3870	4320	1740	9140	1430	4370
8	e640	650	1840	1290	3600	3280	5360	592	3010	6780	780	3590
9	e660	646	2030	1290	3200	3030	7370	603	2860	2730	1380	1790
10	e620	646	2130	1290	1660	2820	6590	581	2840	2950	873	500
11	e2670	669	2250	1010	1960	2830	4190	590	2830	3220	825	494
12	e770	668	2730	765	1510	2730	2600	527	2830	3200	821	495
13	623	657	3030	1680	1390	1890	4290	569	3400	3320	865	492
14	704	639	4870	2610	1240	1150	8000	560	2220	3640	1140	488
15	709	954	5160	4440	1250	1160	7890	555	634	3700	1360	488
16	694	2370	4910	4580	1240	1220	5560	553	589	3540	1670	485
17	690	1810	2990	4580	1410	1460	2070	549	1030	3380	1730	487
18	689	2110	2920	5460	1450	1540	1060	517	521	3440	1790	485
19	931	2530	2600	3330	1470	1090	1210	494	517	3570	2460	497
20	690	2410	6550	2140	1500	1080	1420	2720	521	4700	1830	519
21	686	2390	4570	1780	1730	1050	1250	1840	724	3800	1490	523
22	676	2170	1320	1950	1480	1090	1160	776	1590	916	1800	522
23	599	2180	1440	4080	652	1170	2620	3380	1590	1020	1750	521
24	586	2060	1420	6390	882	1130	2340	1530	1600	841	1690	524
25	555	2160	1430	674	911	1060	2580	767	1600	783	3360	525
26	550	2460	1630	609	626	1050	2570	399	1640	1440	5570	529
27	546	2860	1750	605	627	3030	2570	415	1770	1150	4200	526
28	840	2150	2470	e850	4230	9740	2560	454	2390	856	1520	524
29	556	2860	2800	e710	---	11300	1820	467	4570	886	1510	506
30	536	3580	2780	e670	---	11600	1520	e5630	3870	1160	1580	632
31	526	---	3560	e790	---	13500	---	e3440	---	1650	3350	---
TOTAL	34106	45745	85060	67993	53684	99840	125470	38651	108716	98452	60524	53062
MEAN	1100	1525	2744	2193	1917	3221	4182	1247	3624	3176	1952	1769
MAX	3890	3580	6550	6390	4230	13500	13500	5630	13800	9140	5570	5490
MIN	526	497	1320	605	626	1030	1060	399	517	783	780	485
CFSM	0.44	0.61	1.09	0.87	0.76	1.28	1.66	0.49	1.44	1.26	0.77	0.70
IN.	0.50	0.68	1.26	1.00	0.79	1.47	1.85	0.57	1.60	1.45	0.89	0.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2005, BY WATER YEAR (WY)

MEAN	2810	2487	2517	2989	3241	3325	3025	2230	2478	2620	2930	2852
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1925 - 2005	
ANNUAL TOTAL	549468		871303		2792	
ANNUAL MEAN	1501		2387		5431	
HIGHEST ANNUAL MEAN					815	
LOWEST ANNUAL MEAN					62300	
HIGHEST DAILY MEAN	11600	Sep 29	13800	Jun 4	21	Oct 2 1929
LOWEST DAILY MEAN	271	May 31	399	May 26	12	Jul 13 1930
ANNUAL SEVEN-DAY MINIMUM	395	May 26	489	Sep 12	21	Aug 28 1930
MAXIMUM PEAK FLOW			15200	Jun 2	a 67000	Oct 2 1929
MAXIMUM PEAK STAGE			7.40	Jun 2	15.22	Oct 2 1929
INSTANTANEOUS LOW FLOW			346	Jun 17	11	Jul 13 1930
ANNUAL RUNOFF (CFSM)	0.596		0.947		1.11	
ANNUAL RUNOFF (INCHES)	8.11		12.86		15.05	
10 PERCENT EXCEEDS	3430		4890		6230	
50 PERCENT EXCEEDS	872		1650		1900	
90 PERCENT EXCEEDS	536		534		422	

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

e Estimated

