

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

DRAINAGE AREA.--2,420 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Data collection platform. Elevation of gage is 170 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Murray (see station 02168500). Water diverted above station by City of Columbia for municipal supply.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1750	653	1020	1120	535	470	407	473	331	436	1450	841
2	3290	655	1070	904	534	469	455	459	331	711	1100	762
3	2360	772	3190	1820	532	473	479	418	331	395	646	739
4	9850	706	3980	1820	535	477	489	447	333	383	1060	1000
5	10300	712	1610	1650	521	454	457	458	332	2460	4320	2210
6	8970	725	995	1180	909	400	412	445	446	2870	3350	438
7	6340	929	354	493	450	414	390	409	327	954	5330	356
8	1510	810	1320	460	551	453	387	411	1160	855	4490	359
9	1120	676	913	666	438	453	676	906	541	847	5580	363
10	1060	816	524	955	432	552	329	380	320	971	4810	831
11	1750	820	452	966	1170	445	423	398	363	1310	3240	1520
12	824	668	537	428	1680	469	393	3240	381	907	2880	446
13	676	599	10400	416	579	496	501	376	706	313	4920	631
14	826	591	2100	415	499	474	481	467	658	313	509	648
15	829	1380	716	415	488	488	478	468	626	317	2330	548
16	2360	1710	1580	415	487	489	1460	799	516	507	863	568
17	829	1660	4640	415	483	633	1390	915	424	1070	796	446
18	559	1630	2370	414	483	483	868	637	638	579	635	712
19	558	1170	2650	417	486	713	708	421	534	312	414	3100
20	628	1190	3270	491	482	600	689	369	404	313	879	2570
21	662	913	1180	220	482	764	535	450	631	2520	1380	4110
22	663	1580	794	217	481	968	438	311	469	1550	1100	1450
23	732	1980	547	774	500	516	699	315	472	3250	269	1230
24	577	1170	684	532	454	530	831	322	479	1450	1410	893
25	576	618	502	531	831	518	501	330	483	467	783	474
26	572	1990	621	543	532	523	501	328	2810	457	1200	476
27	711	3030	591	541	495	498	495	327	702	695	3470	1050
28	609	1870	515	543	472	406	486	328	444	553	1600	484
29	610	1140	686	545	---	458	484	336	767	1740	866	327
30	612	1750	552	540	---	391	479	331	565	2090	848	524
31	639	---	655	538	---	566	---	328	---	475	1670	---
TOTAL	63352	34913	51018	21384	16521	16043	17321	16602	17524	32070	64198	30106
MEAN	2044	1164	1646	690	590	518	577	536	584	1035	2071	1004
MAX	10300	3030	10400	1820	1680	968	1460	3240	2810	3250	5580	4110
MIN	558	591	354	217	432	391	329	311	320	312	269	327
CFSM	.84	.48	.68	.29	.24	.21	.24	.22	.24	.43	.86	.41
IN.	.97	.54	.78	.33	.25	.25	.27	.26	.27	.49	.99	.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2001, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	2474	2155	2364	3085	3712	3774	2304	1681	1812	2177	2611	2842	
MAX	5467	4579	5773	8890	8396	7437	6595	4617	3190	4067	5805	7837	
(WY)	1991	1993	1993	1993	1998	1993	1998	1998	1994	1989	1994	1996	
MIN	1156	421	370	396	590	518	497	470	466	595	691	675	
(WY)	2000	2000	1991	1989	2001	2001	1995	1999	1999	2000	1999	1999	

SANTEE RIVER BASIN

02168504 SALUDA RIVER BELOW LAKE MURRAY NEAR COLUMBIA, SC--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1989 - 2001	
ANNUAL TOTAL	520845		381052		2577	
ANNUAL MEAN	1423		1044		4097	
HIGHEST ANNUAL MEAN					1044	
LOWEST ANNUAL MEAN					1044	
HIGHEST DAILY MEAN	10400	Dec 13	10400	Dec 13	21800	Jan 16 1995
LOWEST DAILY MEAN	163	Mar 6	217	Jan 22	155	a Sep 24 1989
ANNUAL SEVEN-DAY MINIMUM	171	Mar 4	323	May 22	168	Jan 12 1989
MAXIMUM PEAK FLOW			18700		22400	
MAXIMUM PEAK STAGE			15.27		b 16.01	
ANNUAL RUNOFF (CFSM)	.59		.43		1.06	
ANNUAL RUNOFF (INCHES)	8.01		5.86		14.47	
10 PERCENT EXCEEDS	3280		2140		6170	
50 PERCENT EXCEEDS	700		579		1660	
90 PERCENT EXCEEDS	432		382		433	

a Also occurred on Sep. 25, 29, 1989.
 b Caused by backwater from spillway floodgates.

