

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 NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2150	2910	4260	4420	3410	3060	1710	2410	998	10100	2050	1490
2	1860	2750	4550	4370	3750	3990	1570	2630	1310	7450	1820	1510
3	4230	1890	4330	4380	3080	6210	881	1470	586	8700	3180	1610
4	3450	3130	6440	4410	2660	4180	3980	1460	2110	2710	4350	1690
5	3250	2910	4860	4480	1900	3210	7250	2630	5180	3800	3960	1470
6	3450	3370	4520	4290	1190	11600	1390	8230	9590	4900	3410	1470
7	3320	3710	3330	4530	1450	18600	7740	12000	7510	3540	10100	1480
8	1740	3650	3650	4300	1660	18400	14300	9880	800	5150	4400	1610
9	1620	1550	2720	4300	1650	18500	8990	5810	6690	7510	3590	1960
10	3280	1420	1540	2920	2520	12600	15400	6300	5040	3580	2930	2190
11	e2290	3830	1750	4340	3000	8410	13300	2400	5970	6740	2800	1660
12	e2300	3460	2030	4350	6450	9260	11100	2610	2180	5180	2860	1670
13	e1700	3430	3050	4320	7090	9080	10200	2480	920	3090	2640	1760
14	e2790	2710	3910	4470	3810	9080	6390	1550	1010	2900	3260	1760
15	e2950	3390	4750	3610	1950	6660	6640	724	2090	4890	2370	1350
16	e2860	3380	4330	2950	3410	4900	3870	2220	3210	3810	2370	964
17	2850	e3620	4460	2950	4940	5080	3430	1710	4170	3710	2590	1020
18	2200	e4420	4490	2960	3800	9090	5740	2110	5910	3330	5380	998
19	1720	e4170	4310	3040	3560	8510	10200	2980	8570	3210	5530	991
20	2000	e3950	3630	2170	2970	13200	8380	4990	5110	3330	5360	987
21	2390	4020	3910	1000	2950	18200	13200	11000	1140	3210	5210	985
22	3960	4120	3910	840	2950	17700	13200	7070	1170	3930	4710	1360
23	1610	4160	3910	921	6700	17800	9260	8260	1570	5110	3410	1020
24	2920	4180	4170	1590	6660	16600	3210	10800	2330	3010	2730	952
25	2990	4190	5630	1000	7510	14800	8510	14900	2880	3160	2670	1250
26	1880	4320	4390	e913	5450	13100	2210	14800	3540	3680	3240	1730
27	2050	4550	4290	e951	6410	12000	1180	11500	1300	3150	2390	1710
28	2960	4410	3990	1310	3220	6000	2230	5270	1020	3100	2220	1880
29	3800	4320	3750	1890	---	4990	2280	4290	1420	3220	1850	1880
30	2810	4310	3910	2430	---	3880	4710	792	1900	1860	2390	1660
31	2160	---	4230	3270	---	5890	---	4170	---	2900	1680	---
TOTAL	81540	106230	123000	93675	106100	314580	202451	169446	97224	133960	107450	44067
MEAN	2630	3541	3968	3022	3789	10150	6748	5466	3241	4321	3466	1469
MAX	4230	4550	6440	4530	7510	18600	15400	14900	9590	10100	10100	2190
MIN	1610	1420	1540	840	1190	3060	881	724	586	1860	1680	952
CFSM	1.09	1.46	1.64	1.25	1.57	4.19	2.79	2.26	1.34	1.79	1.43	0.61
IN.	1.25	1.63	1.89	1.44	1.63	4.84	3.11	2.60	1.49	2.06	1.65	0.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2003, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	2442	2195	2356	2925	3524	3990	2483	1872	1838	2259	2590	2667			
MAX	5467	4579	5773	8890	8396	10150	6748	5466	3241	4321	5805	7837			
(WY)	1991	1993	1993	1993	1998	2003	2003	2003	2003	2003	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

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1989 - 2003	
ANNUAL TOTAL	571125		1579723		2591	
ANNUAL MEAN	1565		4328		4328	
HIGHEST ANNUAL MEAN					1037	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	6440	Dec 4	18600	Mar 7	21800	Jan 16 1995
LOWEST DAILY MEAN	220	Mar 3	586	Jun 3	155	a Sep 24 1989
ANNUAL SEVEN-DAY MINIMUM	437	May 16	1030	Jan 21	168	Jan 12 1989
MAXIMUM PEAK FLOW			20000		22400	
MAXIMUM PEAK STAGE			15.88		b 16.01	
ANNUAL RUNOFF (CFSM)	0.65		1.79		1.07	
ANNUAL RUNOFF (INCHES)	8.78		24.28		14.55	
10 PERCENT EXCEEDS	3910		9030		6090	
50 PERCENT EXCEEDS	999		3410		1660	
90 PERCENT EXCEEDS	459		1440		441	

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

