

02162500 SALUDA RIVER NEAR GREENVILLE, SC

LOCATION.--Lat 34°50'32'', long 82°28'51'', Pickens County, Hydrologic Unit 03050109, on right bank 700 ft upstream from bridge on State Road 124, 1.6 mi downstream Saluda Lake Dam, 2.4 mi upstream from Georges Creek, 4.6 mi west of city hall in Greenville, and at mile 132.0.

DRAINAGE AREA.--295 mi².

PERIOD OF RECORD.--January 1942 to September 1978, October 1978 to January 1990 (crest-stage partial record), February 1990 to current year.

GAGE.--Data collection platform. Datum of gage is 797.48 ft above NGVD of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation at low and medium flow by powerplant at Saluda Lake. Capacity of reservoir insufficient to affect monthly figures of runoff. Water is diverted above station for city of Greenville water supply during year. City of Greenville began diverting water from Saluda River (Table Rock Reservoir) in 1930, supplemented by North Saluda Reservoir in 1961. Sewage effluent discharged into the Reedy River about 500 ft below station 02164000.

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	263	320	317	561	476	578	653	e630	771	876	1240	745
2	246	301	290	590	385	577	621	e700	807	2670	1610	569
3	224	285	273	585	281	561	638	899	759	3520	1090	588
4	207	234	272	580	447	510	601	717	1300	2050	977	633
5	205	271	1100	576	390	479	638	896	1090	1410	930	570
6	110	639	1000	520	401	752	798	2010	927	1170	906	522
7	170	498	764	507	472	926	1080	3140	1270	1110	903	494
8	210	427	508	519	476	820	1380	2480	2410	1320	903	487
9	201	361	452	375	352	640	1240	1780	1780	1030	911	475
10	113	285	408	452	470	498	1290	1420	1340	992	1070	371
11	163	486	814	491	405	536	1650	1250	1140	963	1770	455
12	205	968	915	453	297	500	1290	1170	1040	930	1250	391
13	197	742	861	375	300	530	1070	1050	1100	919	1050	436
14	217	573	1160	400	483	453	955	988	1080	738	941	472
15	519	396	894	439	400	525	925	970	1090	1270	903	373
16	1490	720	701	355	305	523	769	959	1040	1150	899	484
17	921	1010	595	396	698	779	721	959	1030	1040	892	520
18	427	876	509	452	521	729	963	973	994	1180	1080	365
19	314	635	506	366	457	671	981	1030	1010	1350	1030	320
20	285	684	1060	317	481	3780	937	978	1290	1350	914	322
21	278	661	1100	318	401	2890	943	957	1060	1440	799	464
22	301	570	843	401	906	1660	970	2130	983	1230	859	425
23	268	357	655	340	1770	1250	949	2350	778	1020	692	1150
24	231	253	1050	399	1020	1060	936	1680	685	1100	785	702
25	231	224	1780	345	850	950	742	1370	748	933	711	511
26	231	224	1070	283	692	909	826	1200	685	737	614	483
27	231	266	845	395	748	859	924	1090	665	861	613	388
28	288	315	787	331	691	681	760	1000	666	736	520	295
29	321	316	625	257	---	702	780	973	673	748	374	436
30	321	313	686	479	---	826	e780	781	674	688	592	373
31	321	---	703	394	---	665	---	881	---	921	556	---
TOTAL	9709	14210	23543	13251	15575	27819	27810	39411	30885	37452	28384	14819
MEAN	313	474	759	427	556	897	927	1271	1030	1208	916	494
MAX	1490	1010	1780	590	1770	3780	1650	3140	2410	3520	1770	1150
MIN	110	224	272	257	281	453	601	630	665	688	374	295
CFSM	1.06	1.61	2.57	1.45	1.89	3.04	3.14	4.31	3.49	4.10	3.10	1.67
IN.	1.22	1.79	2.97	1.67	1.96	3.51	3.51	4.97	3.89	4.72	3.58	1.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

	451	484	617	755	818	931	869	704	582	479	458	405
MEAN	451	484	617	755	818	931	869	704	582	479	458	405
MAX	1631	1246	1445	1875	1478	1807	1562	1506	1208	1435	1272	1241
(WY)	1965	1993	1962	1946	1946	1990	1962	1973	1961	1949	1994	1949
MIN	89.8	148	189	158	280	386	319	233	182	147	84.3	110
(WY)	1955	2002	1956	1956	2001	2002	2001	2001	2002	2000	2002	1999

Santee River Basin

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	120344		282868		628	
ANNUAL MEAN	330		775		965	
HIGHEST ANNUAL MEAN					236	
LOWEST ANNUAL MEAN					8580	
HIGHEST DAILY MEAN	1780	Dec 25	3780	Mar 20	1949	2001
LOWEST DAILY MEAN	43	Sep 12	110	Oct 6	36	Oct 29 1998
ANNUAL SEVEN-DAY MINIMUM	55	Aug 12	167	Oct 5	53	Oct 22 2000
MAXIMUM PEAK FLOW			5130	Mar 20	11000	Oct 7 1949
MAXIMUM PEAK STAGE			9.43	Mar 20	19.38	Oct 7 1949
ANNUAL RUNOFF (CFSM)	1.12		2.63		2.13	
ANNUAL RUNOFF (INCHES)	15.18		35.67		28.95	
10 PERCENT EXCEEDS	659		1260		1110	
50 PERCENT EXCEEDS	277		692		507	
90 PERCENT EXCEEDS	95		293		231	

e Estimated

