

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 mi<sup>2</sup>.

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.--No estimated daily discharges. Records good. 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 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1160	552	818	844	621	840	1270	749	573	1110	980	725
2	983	542	942	826	606	734	1150	674	1080	1050	827	569
3	868	690	894	800	755	674	1120	588	1290	926	884	449
4	850	1530	739	825	825	656	979	586	944	723	768	525
5	693	2030	846	799	718	641	904	601	837	1080	479	447
6	627	1250	870	661	724	618	888	517	662	918	571	539
7	638	1010	924	668	693	610	879	530	529	4350	886	446
8	639	918	1130	744	695	636	831	587	605	4700	906	372
9	604	908	1380	745	666	675	1050	526	675	1980	866	482
10	577	903	3840	636	571	630	928	499	723	1460	881	413
11	622	747	2230	567	556	622	892	545	876	1260	829	380
12	605	813	1480	664	561	571	844	508	836	1930	798	375
13	490	1150	1250	813	561	571	1550	491	1580	1580	678	432
14	572	1020	1090	1090	678	588	1240	514	1980	1390	619	417
15	615	949	989	1050	610	556	1020	550	1240	1390	619	368
16	455	940	928	865	396	571	913	584	913	1360	619	366
17	389	927	887	831	511	624	888	657	759	1200	572	343
18	591	842	861	795	587	653	819	476	676	1110	622	352
19	602	748	849	647	514	605	654	499	668	1070	826	366
20	628	627	829	659	501	571	798	797	719	960	729	335
21	533	643	835	740	576	536	696	892	685	1070	626	343
22	645	440	651	621	684	603	606	674	689	1100	659	361
23	604	352	1620	572	655	788	837	602	627	1140	638	333
24	648	752	2530	584	669	803	687	577	600	979	989	262
25	618	1070	1550	604	694	756	771	522	518	801	817	331
26	583	987	1250	709	643	626	663	362	519	871	632	270
27	433	933	1110	586	620	640	597	426	1040	787	647	359
28	538	730	1020	678	757	2800	743	491	2530	583	602	357
29	441	781	945	593	---	2320	646	365	2280	840	633	358
30	529	720	895	691	---	1430	552	489	1350	1080	466	357
31	463	---	869	634	---	1230	---	471	---	981	776	---
TOTAL	19243	26504	37051	22541	17647	25178	26415	17349	29003	41779	22444	12032
MEAN	621	883	1195	727	630	812	880	560	967	1348	724	401
MAX	1160	2030	3840	1090	825	2800	1550	892	2530	4700	989	725
MIN	389	352	651	567	396	536	552	362	518	583	466	262
CFSM	2.10	2.99	4.05	2.46	2.14	2.75	2.98	1.90	3.28	4.57	2.45	1.36
IN.	2.43	3.34	4.67	2.84	2.23	3.17	3.33	2.19	3.66	5.27	2.83	1.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2005, BY WATER YEAR (WY)

	452	493	630	748	814	919	861	695	586	495	460	430
MEAN	452	493	630	748	814	919	861	695	586	495	460	430
MAX	1631	1246	1445	1875	1478	1807	1562	1506	1208	1435	1272	1694
(WY)	1965	1993	1962	1946	1946	1990	1962	1973	1961	1949	1994	2004
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

02162500 SALUDA RIVER NEAR GREENVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1942 - 2005	
ANNUAL TOTAL	241257		297186			
ANNUAL MEAN	659		814		631	
HIGHEST ANNUAL MEAN					965	1949
LOWEST ANNUAL MEAN					236	2001
HIGHEST DAILY MEAN	8500	Sep 9	4700	Jul 8	8580	Oct 7 1949
LOWEST DAILY MEAN	117	Aug 10	262	Sep 24	36	Oct 29 1998
ANNUAL SEVEN-DAY MINIMUM	232	Aug 15	319	Sep 20	53	Oct 22 2000
MAXIMUM PEAK FLOW			6980		Jul 7	11000
MAXIMUM PEAK STAGE			12.03		Jul 7	19.38
ANNUAL RUNOFF (CFSM)	2.23		2.76		2.14	
ANNUAL RUNOFF (INCHES)	30.42		37.48		29.05	
10 PERCENT EXCEEDS	1030		1210		1110	
50 PERCENT EXCEEDS	476		687		510	
90 PERCENT EXCEEDS	280		465		235	

