

02163500 SALUDA RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°23'30'', long 82°13'25'', Greenwood County, Hydrologic Unit 03050109, on downstream side of US Hwy 25 bridge, 1.4 mi southeast of Ware Shoals, 1.8 mi downstream from Ware Shoals Dam, 5.7 mi upstream from Turkey Creek, and at mile 84.4.

DRAINAGE AREA.--580 mi².

PERIOD OF RECORD.--March 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Data collection platform. Elevation of gage is 447 ft above sea level (by barometer). Prior to October 1, 1997, at site 0.7 mi downstream at datum 1.0 ft higher.

REMARKS.--No estimated daily discharges. Records good. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	257	515	445	423	935	484	621	808	305	253	280	188
2	177	347	796	397	841	537	802	674	306	348	480	213
3	170	460	819	407	689	603	1080	679	304	316	333	215
4	293	514	422	449	638	561	1540	584	303	245	445	325
5	1470	485	393	472	572	587	1620	744	370	243	593	403
6	793	290	439	712	541	546	1270	541	285	237	515	279
7	541	420	557	544	575	539	1040	609	300	260	353	254
8	196	466	316	471	601	514	1030	603	437	127	296	230
9	267	312	313	405	558	524	846	569	284	141	278	95
10	297	379	153	925	542	500	819	519	283	295	312	97
11	5020	298	217	1960	540	583	766	456	272	227	389	274
12	2730	295	471	1590	540	581	730	330	251	124	263	222
13	1300	298	522	1020	688	734	703	638	246	293	190	232
14	734	455	709	618	1150	733	527	326	252	257	291	89
15	520	313	1240	546	1540	564	1250	585	152	284	198	189
16	324	375	1130	644	1280	544	1350	444	276	395	117	83
17	514	288	732	752	969	1290	1080	461	118	303	118	161
18	483	296	519	591	600	1790	741	305	316	279	341	196
19	362	286	543	592	763	1170	749	316	545	210	229	139
20	503	236	574	645	619	4030	904	534	323	118	112	210
21	447	260	591	656	656	4400	643	318	307	112	227	156
22	318	292	891	571	763	2530	568	535	461	111	104	299
23	274	433	554	762	696	1800	636	321	333	117	186	609
24	317	343	554	997	558	1360	877	392	361	123	170	580
25	553	325	507	1050	628	916	899	316	229	500	98	398
26	308	744	422	992	604	926	790	577	353	510	255	438
27	288	1220	421	642	575	892	639	313	284	368	94	399
28	279	832	415	647	638	850	702	452	127	279	190	275
29	255	461	467	602	619	721	655	302	374	232	209	235
30	326	545	481	587	---	769	817	505	296	192	90	76
31	281	---	424	882	---	578	---	302	---	280	209	---
TOTAL	20597	12783	17037	22551	20918	33156	26694	15058	9053	7779	7965	7559
MEAN	664	426	550	727	721	1070	890	486	302	251	257	252
MAX	5020	1220	1240	1960	1540	4400	1620	808	545	510	593	609
MIN	170	236	153	397	540	484	527	302	118	111	90	76
CFSM	1.15	.73	.95	1.25	1.24	1.84	1.53	.84	.52	.43	.44	.43
IN.	1.32	.82	1.09	1.45	1.34	2.13	1.71	.97	.58	.50	.51	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2000, BY WATER YEAR (WY)

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
MEAN	672	756	972	1236	1370	1560	1388	1069	860	726	734	599
MAX	2623	2041	2603	2929	2430	3864	3005	2092	1775	1906	1995	1861
(WY)	1965	1949	1962	1946	1990	1952	1964	1973	1979	1949	1995	1949
MIN	149	261	323	310	528	519	473	387	215	151	189	142
(WY)	1955	1982	1956	1956	1989	1988	1986	1988	1988	1986	1999	1981

SANTEE RIVER BASIN

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1939 - 2000	
ANNUAL TOTAL	203205		201150		994	
ANNUAL MEAN	557		550		1569	
HIGHEST ANNUAL MEAN					438	
LOWEST ANNUAL MEAN					16100	
HIGHEST DAILY MEAN	5020	Oct 11	5020	Oct 11	16100	Aug 27 1995
LOWEST DAILY MEAN	80	Sep 19	76	Sep 30	11	a Oct 12 1941
ANNUAL SEVEN-DAY MINIMUM	95	Sep 17	152	Sep 14	61	Jul 28 1986
INSTANTANEOUS PEAK FLOW			7130		20900	
INSTANTANEOUS PEAK STAGE			12.88		22.95	
ANNUAL RUNOFF (CFSM)	.96		.95		1.71	
ANNUAL RUNOFF (INCHES)	13.03		12.90		23.28	
10 PERCENT EXCEEDS	892		925		1800	
50 PERCENT EXCEEDS	495		458		746	
90 PERCENT EXCEEDS	156		195		326	

a Also occurred Oct. 19, 1941.

