

SANTÉE RIVER BASIN

02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02'', long 82°09'06'', Laurens County, Hydrologic Unit 03050109, about 800 ft downstream of State Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 11.0.

DRAINAGE AREA.--236 mi².

PERIOD OF RECORD.--April 1939 to current year.

REVISED RECORDS.--WSP 892: 1939. WSP 922: Drainage area. WSP 1723: 1940, 1943, 1948-49, 1952(M). WSP 1904: 1940, 1943, 1946, 1949, 1952. WDR-SC-77-1: Drainage area. WDR-SC-78-1: Drainage area. WDR-SC-02-1: 2001.

GAGE.--Data collection platform. Datum of gage is 451.14 ft above NGVD of 1929. From October 1, 1977 to August 2, 2002, at site 800 ft upstream at datum 2.72 ft higher. From April 1939 to September 30, 1977, at site 4.1 mi upstream at datum 29.48 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. City of Greenville began diverting water from Saluda River above station 02162500 (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	57	312	180	267	421	937	550	366	455	381	1270	242
2	61	150	171	390	327	705	406	358	358	1630	859	291
3	106	146	165	391	322	604	303	427	328	2280	1140	286
4	99	106	170	328	302	473	312	386	661	1000	682	276
5	108	107	277	294	268	422	385	338	737	716	597	240
6	109	339	1130	227	299	1730	530	603	526	613	558	223
7	112	641	639	231	333	1660	830	1340	1060	469	504	223
8	123	414	468	208	571	840	1670	1180	1320	353	372	221
9	62	234	361	252	395	607	1210	636	830	477	317	220
10	110	189	277	311	340	545	1150	490	628	402	317	218
11	108	254	342	258	311	474	1510	422	422	323	318	216
12	107	755	688	198	277	351	1050	396	464	349	317	214
13	103	1210	629	209	259	409	731	358	592	374	318	e208
14	124	613	1250	215	258	362	649	334	648	531	284	e252
15	294	419	748	209	245	403	541	326	548	447	264	229
16	859	483	547	208	319	372	518	327	396	345	286	e209
17	1400	1170	406	217	643	493	510	321	337	347	294	e209
18	591	767	300	225	540	628	914	607	374	260	458	211
19	356	532	298	198	479	760	1040	447	490	285	552	e208
20	237	375	302	187	431	2270	662	413	749	310	843	e203
21	187	395	798	197	301	e6220	592	415	625	412	527	192
22	168	274	501	212	443	e5540	674	1250	427	398	330	e180
23	169	185	361	253	1310	e2340	549	2470	327	447	267	e464
24	161	222	709	233	888	e1090	475	2390	282	440	272	e875
25	103	239	1750	197	562	e772	458	946	272	286	250	e258
26	133	198	1230	204	488	e631	504	685	278	312	252	e195
27	177	186	628	196	865	535	570	584	250	322	259	194
28	185	189	520	195	1710	337	425	535	276	280	216	e192
29	183	171	492	190	---	437	388	429	299	312	203	e190
30	198	175	486	307	---	489	373	347	235	276	204	e220
31	335	---	373	617	---	627	---	378	---	514	204	---
TOTAL	7125	11450	17196	7824	13907	34063	20479	20504	15194	15891	13534	7559
MEAN	230	382	555	252	497	1099	683	661	506	513	437	252
MAX	1400	1210	1750	617	1710	6220	1670	2470	1320	2280	1270	875
MIN	57	106	165	187	245	337	303	321	235	260	203	180
CFSM	0.97	1.62	2.35	1.07	2.10	4.66	2.89	2.80	2.15	2.17	1.85	1.07
IN.	1.12	1.80	2.71	1.23	2.19	5.37	3.23	3.23	2.39	2.50	2.13	1.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2003, BY WATER YEAR (WY)

MEAN	248	278	340	458	518	602	476	347	276	243	252	212
MAX	837	746	851	1002	983	1324	1249	825	728	652	824	692
(WY)	1965	1949	1962	1943	1998	1952	1964	1979	1972	1968	1995	1975
MIN	40.7	83.4	109	118	144	217	183	100	64.6	71.7	61.2	45.6
(WY)	1955	1942	1956	1956	1941	1955	1986	1941	2002	1986	1954	1954

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	96138		184726		354	
ANNUAL MEAN	263		506		570	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					c 171 1941	
HIGHEST DAILY MEAN	2050	Sep 17	6220	Mar 21	c 8800	Mar 7 1963
LOWEST DAILY MEAN	45	a Jun 14	57	Oct 1	c 4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	49	Jun 14	93	Oct 1	c 20	Oct 15 1951
MAXIMUM PEAK FLOW			Unknown Mar 21		c 11000 Sep 14 1973	
MAXIMUM PEAK STAGE			b 17.91 Mar 21		18.71 Aug 28 1995	
ANNUAL RUNOFF (CFSM)	1.12		2.14		1.50	
ANNUAL RUNOFF (INCHES)	15.15		29.12		20.38	
10 PERCENT EXCEEDS	596		923		634	
50 PERCENT EXCEEDS	185		361		262	
90 PERCENT EXCEEDS	55		187		93	

- a Also occurred Jun. 19.
- b From floodmarks.
- c At site and datum then in use.
- e Estimated

