

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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	196	205	236	194	192	283	252	168	182	193	533	156
2	181	193	213	199	181	251	271	250	169	235	417	154
3	119	134	138	198	242	229	231	374	166	203	272	339
4	142	140	172	198	557	229	203	281	164	218	385	248
5	144	195	238	188	322	228	167	244	113	209	278	162
6	133	155	338	178	394	228	151	191	113	222	176	155
7	196	246	324	246	1190	226	203	163	109	628	219	305
8	196	299	224	252	e1090	226	193	168	119	311	199	1750
9	131	178	199	219	e538	224	137	162	204	176	118	e4800
10	190	146	229	209	e412	213	168	154	248	385	56	e1850
11	268	208	498	201	329	193	211	155	209	223	101	e777
12	248	140	588	200	341	203	147	129	163	185	180	e374
13	232	153	401	199	561	197	171	145	107	289	900	e311
14	208	225	309	192	394	189	560	197	129	380	439	e273
15	193	147	652	186	453	194	398	160	258	201	277	e253
16	123	174	486	188	651	194	232	152	451	174	263	e230
17	145	228	347	192	452	196	194	123	330	116	163	441
18	205	141	264	185	357	202	192	141	230	256	102	1380
19	129	352	269	177	318	202	155	216	174	807	185	640
20	144	1020	272	177	299	201	167	216	172	621	184	389
21	132	518	231	161	294	195	199	194	235	308	165	269
22	170	362	207	168	291	193	191	160	397	188	142	191
23	177	268	206	210	288	e195	155	105	310	113	152	134
24	133	221	206	179	279	202	154	122	305	121	149	197
25	120	206	219	179	270	201	137	177	258	111	172	194
26	143	226	218	235	240	199	128	113	303	198	166	181
27	213	254	204	270	e314	201	175	67	732	245	147	661
28	391	249	199	263	e353	205	167	123	397	312	145	3640
29	369	220	192	261	e394	149	171	162	242	249	142	e5500
30	160	242	189	242	---	161	157	113	170	750	104	e1000
31	147	---	187	215	---	219	---	144	---	2330	70	---
TOTAL	5678	7445	8655	6361	11996	6428	6037	5269	7159	10957	7001	26954
MEAN	183	248	279	205	414	207	201	170	239	353	226	898
MAX	391	1020	652	270	1190	283	560	374	732	2330	900	5500
MIN	119	134	138	161	181	149	128	67	107	111	56	134
CFSM	0.78	1.05	1.18	0.87	1.75	0.88	0.85	0.72	1.01	1.50	0.96	3.81
IN.	0.90	1.17	1.36	1.00	1.89	1.01	0.95	0.83	1.13	1.73	1.10	4.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2004, BY WATER YEAR (WY)

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	247	278	339	454	517	596	472	344	275	245	252	222																																																						
MAX	837	746	851	1002	983	1324	1249	825	728	652	824	898																																																						
(WY)	1965	1949	1962	1943	1998	1952	1964	1979	1972	1968	1995	2004																																																						
MIN	40.7	83.4	109	118	144	207	183	100	64.6	71.7	61.2	45.6																																																						
(WY)	1955	1942	1956	1956	1941	2004	1986	1941	2002	1986	1954	1954																																																						

02165000 REEDY RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	170733		109940		353	
ANNUAL MEAN	468		300		570	
HIGHEST ANNUAL MEAN					1998	
LOWEST ANNUAL MEAN					171	
HIGHEST DAILY MEAN	6220	Mar 21	e 5500	Sep 29	8800	Mar 7 1963
LOWEST DAILY MEAN	119	Oct 3	56	Aug 10	4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	144	Oct 19	124	May 22	20	Oct 15 1951
MAXIMUM PEAK FLOW			Unknown		b 11000	
MAXIMUM PEAK STAGE			a 21.17		a 21.17	
ANNUAL RUNOFF (CFSM)	1.98		1.27		1.50	
ANNUAL RUNOFF (INCHES)	26.91		17.33		20.33	
10 PERCENT EXCEEDS	841		424		631	
50 PERCENT EXCEEDS	324		202		261	
90 PERCENT EXCEEDS	190		137		94	

a From floodmark.
 b At site and datum then in use.
 e Estimated

