

SANTEE RIVER BASIN

02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02'', long 82°09'10'', Laurens County, Hydrologic Unit 03050109, on downstream side 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 8.7.

DRAINAGE AREA.--236 mi<sup>2</sup>.

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.

GAGE.--Data collection platform. Datum of gage is 453.86 ft above sea level. Prior to Oct. 1, 1977, at site 4.1 mi upstream at datum 26.76 ft higher.

REMARKS.--Records fair 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. Diversion into basin by City of Greenville above station 02163500.

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	424	211	199	204	573	249	305	213	82	140	540	122
2	108	236	193	200	408	231	294	210	88	152	331	230
3	112	393	200	209	310	209	499	208	150	149	221	325
4	192	344	200	228	275	231	825	534	138	69	225	303
5	957	287	194	222	261	251	656	402	85	70	490	161
6	951	219	199	213	298	250	398	276	158	72	432	244
7	362	186	268	234	302	244	314	219	202	73	176	180
8	206	227	241	212	268	222	334	205	141	74	80	87
9	180	262	205	206	262	214	336	147	80	75	83	88
10	287	226	205	266	262	382	287	157	149	76	149	90
11	1360	169	204	1200	260	306	247	203	136	82	141	90
12	3650	184	203	568	275	e228	228	135	77	87	83	91
13	879	196	203	430	290	e255	228	145	81	158	84	92
14	728	196	204	317	610	e223	243	202	85	142	156	164
15	471	196	477	222	1030	e210	495	199	90	157	137	293
16	273	196	339	218	601	226	847	197	157	237	79	175
17	252	186	207	238	483	429	611	127	142	220	81	83
18	267	172	203	361	362	709	420	140	86	139	82	86
19	226	184	204	327	264	505	279	134	92	75	84	87
20	231	196	204	227	262	1210	250	142	154	77	85	89
21	193	196	218	199	e258	3200	256	193	211	78	86	142
22	242	195	225	208	e256	1550	241	193	447	78	86	188
23	281	196	287	494	e254	839	239	134	250	80	89	536
24	277	185	258	662	245	724	239	148	141	83	92	717
25	215	178	204	707	245	619	301	141	78	178	94	439
26	179	239	205	549	245	472	450	150	152	211	96	225
27	225	803	206	379	263	380	342	168	140	137	99	502
28	234	295	205	315	386	269	251	153	72	73	105	396
29	211	206	204	317	335	227	221	200	87	74	111	193
30	197	205	204	332	---	257	212	137	154	152	116	90
31	187	---	203	599	---	313	---	79	---	236	133	---
TOTAL	14557	7164	6971	11063	10143	15634	10848	5891	4105	3704	4846	6508
MEAN	470	239	225	357	350	504	362	190	137	119	156	217
MAX	3650	803	477	1200	1030	3200	847	534	447	237	540	717
MIN	108	169	193	199	245	209	212	79	72	69	79	83
CFSM	1.99	1.01	.95	1.51	1.48	2.14	1.53	.81	.58	.51	.66	.92
IN.	2.29	1.13	1.10	1.74	1.60	2.46	1.71	.93	.65	.58	.76	1.03

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	252	278	340	465	527	599	481	348	277	242	254	210
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	96.9	71.7	61.2	45.6
(WY)	1955	1942	1956	1956	1941	1955	1986	1941	1988	1986	1954	1954

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SUMMARY STATISTICS	02165000 REEDY RIVER NEAR WARE SHOALS, SC--Continued		WATER YEARS 1939 - 2000	
	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR		
ANNUAL TOTAL	96984	101434		
ANNUAL MEAN	266	277	356	
HIGHEST ANNUAL MEAN			570	1998
LOWEST ANNUAL MEAN			171	1941
HIGHEST DAILY MEAN	3650	3650	8800	Mar 7 1963
LOWEST DAILY MEAN	63	69	4.8	Sep 9 1973
ANNUAL SEVEN-DAY MINIMUM	67	73	20	Oct 15 1951
INSTANTANEOUS PEAK FLOW		4880	b 11000	Sep 14 1973
INSTANTANEOUS PEAK STAGE		13.31	18.71	Aug 28 1995
ANNUAL RUNOFF (CFSM)	1.13	1.17	1.51	
ANNUAL RUNOFF (INCHES)	15.29	15.99	20.48	
10 PERCENT EXCEEDS	425	494	633	
50 PERCENT EXCEEDS	204	211	262	
90 PERCENT EXCEEDS	96	86	96	

a Also occurred Aug. 1, 4.  
 b At site and datum then in use.

e Estimated

