

SANTEE RIVER BASIN

275

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 NGVD of 1929 (by barometer). Prior to October 1, 1997, at site 0.7 mi downstream at datum 1.0 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	533	366	520	1330	922	1840	1250	1060	1210	1170	1650	1030
2	378	552	557	1090	676	1390	1010	952	1130	4680	3070	993
3	168	406	482	824	861	1320	1050	1180	1100	5560	2500	963
4	160	439	486	1070	714	1010	1030	1160	1600	4580	1760	925
5	286	485	731	1080	723	1180	1090	1170	1790	2540	1530	962
6	317	772	2500	919	765	3700	1010	e2120	1540	1930	1390	742
7	280	1120	1450	904	857	2800	1910	e4040	2050	1800	1350	767
8	160	1050	1240	793	1120	1990	2740	e5780	2300	1570	1340	754
9	284	454	911	896	754	1640	2350	e4860	3170	1590	1310	675
10	159	469	671	739	886	1540	e2300	e2930	2200	1500	1280	616
11	342	661	990	758	746	1020	e3000	e2450	1730	1450	1430	626
12	252	1900	1680	784	946	1120	e2570	e2400	1800	1300	2050	671
13	246	2050	1850	765	613	1080	e2240	1560	1600	1280	1550	568
14	402	1230	2470	743	594	1010	e2150	1460	1520	1820	1350	535
15	432	979	1860	680	800	978	e1690	1310	1440	1360	1250	825
16	2300	1270	1480	750	839	1170	e1530	1270	1310	1540	1320	536
17	2380	2000	1230	695	1300	1200	e1350	1400	1420	1650	1670	610
18	1290	1700	968	646	1110	1460	1650	e1540	1310	1350	1750	697
19	763	1430	757	677	1080	1660	1600	1440	1940	1430	1700	597
20	378	1110	1070	699	763	8430	1570	1350	2620	1650	1620	532
21	487	823	1990	714	868	10500	1480	1360	1950	1670	995	409
22	339	962	1490	535	1090	4570	1530	3200	1580	1730	1000	514
23	525	750	1210	686	3060	2790	1550	7370	1360	1780	1270	997
24	468	615	2280	651	2330	2270	1400	3670	1050	1400	1020	1510
25	322	599	4120	697	1630	1870	1350	2610	850	1240	1100	959
26	303	325	2780	689	1380	1640	1370	2130	1080	1250	1310	688
27	458	502	1880	600	2520	1550	1340	1800	1080	1090	853	679
28	415	508	1500	671	3410	1410	1260	1680	1010	1110	700	701
29	497	460	1360	659	---	1220	1130	1320	881	1090	939	537
30	655	471	1280	729	---	1210	1250	1280	892	899	659	594
31	487	---	1090	936	---	1420	---	1190	---	1730	726	---
TOTAL	16466	26458	44883	24409	33357	67988	48750	69042	46513	56739	43442	22212
MEAN	531	882	1448	787	1191	2193	1625	2227	1550	1830	1401	740
MAX	2380	2050	4120	1330	3410	10500	3000	7370	3170	5560	3070	1510
MIN	159	325	482	535	594	978	1010	952	850	899	659	409
CFSM	0.92	1.52	2.50	1.36	2.05	3.78	2.80	3.84	2.67	3.16	2.42	1.28
IN.	1.06	1.70	2.88	1.57	2.14	4.36	3.13	4.43	2.98	3.64	2.79	1.42

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

MEAN	656	744	961	1210	1343	1546	1368	1068	853	731	728	596
MAX	2623	2041	2603	2929	2430	3864	3005	2227	1775	1906	1995	1861
(WY)	1965	1949	1962	1946	1990	1952	1964	2003	1979	1949	1995	1949
MIN	149	261	323	310	491	519	473	373	215	151	108	142
(WY)	1955	1982	1956	1956	2001	1988	1986	2001	1988	1986	2002	1981

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02163500 SALUDA RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1939 - 2003	
ANNUAL TOTAL	219265		500259		982	
ANNUAL MEAN	601		1371		1569	
HIGHEST ANNUAL MEAN					435	
LOWEST ANNUAL MEAN					16100	
HIGHEST DAILY MEAN	4120	Dec 25	10500	Mar 21	16100	Aug 27 1995
LOWEST DAILY MEAN	49	a Aug 14	159	Oct 10	11	b Oct 12 1941
ANNUAL SEVEN-DAY MINIMUM	51	Aug 11	235	Oct 4	51	Aug 11 2002
MAXIMUM PEAK FLOW			13100	Mar 21	20900	Aug 27 1995
MAXIMUM PEAK STAGE			18.07	Mar 21	22.95	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.04		2.36		1.69	
ANNUAL RUNOFF (INCHES)	14.06		32.09		23.01	
10 PERCENT EXCEEDS	1230		2340		1790	
50 PERCENT EXCEEDS	485		1170		735	
90 PERCENT EXCEEDS	131		500		313	

a Also occurred Aug. 15, 16.

b Also occurred Oct. 19, 1941.

e Estimated

