

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.--No estimated daily discharges. Records good except for discharges October 22 to February 18, 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2020	682	1200	1150	1080	1550	2720	1070	1040	1840	1330	725
2	1600	653	919	1130	930	1350	2280	963	2060	1690	1270	744
3	1400	880	1130	1140	1060	1140	1900	1080	2290	1430	1190	744
4	1320	1010	1120	1030	1410	1030	1780	958	1840	1820	1030	547
5	1180	2540	984	1140	1310	1040	1660	989	1450	1240	1030	719
6	1110	2210	1040	1060	1090	956	1480	967	1340	1400	726	665
7	765	1420	1250	1100	1100	877	1450	955	1280	3230	788	650
8	944	1240	1380	1020	1060	1240	1860	946	1100	9620	1180	477
9	863	1100	1330	951	963	1130	1980	934	1110	5730	1220	564
10	943	1080	6290	997	950	1100	1770	909	1200	2670	1220	548
11	857	1340	6740	937	870	910	1640	957	1200	2070	1280	569
12	859	925	3170	868	856	912	1560	932	1350	1940	1190	549
13	829	983	2180	906	852	917	1790	902	1310	2500	1010	497
14	851	1320	1800	1520	903	1080	2480	663	2380	2050	1070	506
15	846	1210	1530	1660	948	859	1740	1090	2330	1840	1050	484
16	706	1110	1420	1410	884	1150	1600	939	1530	1780	728	536
17	810	1140	1330	1370	792	1360	1460	936	1320	1730	780	393
18	693	1170	1270	995	821	1180	1440	1180	1090	1500	865	373
19	704	1100	1260	1130	840	1120	1360	1020	1080	1400	868	493
20	838	889	1330	1120	819	1040	1190	1680	1270	1340	873	429
21	829	864	1140	919	1390	949	1040	2830	1110	1330	1070	431
22	862	788	1120	869	2030	945	1220	1550	1270	1380	914	564
23	827	791	1230	943	1430	1310	1280	1310	1200	e1380	910	445
24	850	747	3290	897	1430	1380	1250	1140	941	1390	919	234
25	905	1080	3210	815	1360	1180	1230	1060	922	1260	1230	466
26	1020	1330	1990	969	1230	1210	1000	978	915	1180	1110	469
27	649	1300	1610	813	881	1160	1170	811	956	1040	932	458
28	721	1160	1470	1010	1290	5840	1110	531	1620	1060	819	440
29	766	1030	1390	849	---	6260	1080	584	4250	959	879	361
30	833	843	1380	904	---	3380	1140	893	2650	1160	859	536
31	717	---	1140	995	---	2560	---	850	---	1440	745	---
TOTAL	29117	33935	57643	32617	30579	48115	46660	32607	45404	62399	31085	15616
MEAN	939	1131	1859	1052	1092	1552	1555	1052	1513	2013	1003	521
MAX	2020	2540	6740	1660	2030	6260	2720	2830	4250	9620	1330	744
MIN	649	653	919	813	792	859	1000	531	915	959	726	234
CFSM	1.62	1.95	3.21	1.81	1.88	2.68	2.68	1.81	2.61	3.47	1.73	0.90
IN.	1.87	2.18	3.70	2.09	1.96	3.09	2.99	2.09	2.91	4.00	1.99	1.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, 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	2005
MEAN	658	748	974	1201	1332	1534	1360	1061	860	750	730	628																																																							
MAX	2623	2041	2603	2929	2430	3864	3005	2227	1775	2013	1995	2808																																																							
(WY)	1965	1949	1962	1946	1990	1952	1964	2003	1979	2005	1995	2004																																																							
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																																																							

SANTEE RIVER BASIN

02163500 SALUDA RIVER NEAR WARE SHOALS, SC--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	372587		465777		985	
ANNUAL MEAN	1018		1276		1569	
HIGHEST ANNUAL MEAN					435	
LOWEST ANNUAL MEAN					16100	
HIGHEST DAILY MEAN	10800	Sep 9	9620	Jul 8	16100	Aug 27 1995
LOWEST DAILY MEAN	271	Jun 5	234	Sep 24	11	a Oct 12 1941
ANNUAL SEVEN-DAY MINIMUM	417	Aug 27	410	Sep 23	51	Aug 11 2002
MAXIMUM PEAK FLOW			10500	Jul 8	20900	Aug 27 1995
MAXIMUM PEAK STAGE			16.53	Jul 8	22.95	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.76		2.20		1.70	
ANNUAL RUNOFF (INCHES)	23.90		29.87		23.08	
10 PERCENT EXCEEDS	1420		1850		1780	
50 PERCENT EXCEEDS	756		1100		741	
90 PERCENT EXCEEDS	493		718		317	

a Also occurred Oct. 19, 1941.

e Estimated

