

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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	546	505	959	787	695	648	837	599	623	882	756	387
2	460	485	636	814	735	648	820	833	512	971	632	411
3	554	538	725	732	823	802	720	884	573	998	948	632
4	703	436	946	691	928	862	628	643	414	946	1030	736
5	725	498	714	677	963	743	627	636	271	826	676	552
6	472	534	766	808	974	906	559	549	397	747	770	485
7	521	601	698	669	663	817	599	515	496	728	783	1040
8	302	787	726	950	1460	746	603	508	504	657	565	8610
9	492	660	718	873	1260	720	592	510	508	523	333	10800
10	552	572	843	815	1170	740	578	509	545	530	294	10100
11	699	603	860	773	634	713	583	513	406	522	359	4750
12	674	529	1490	595	669	719	677	542	291	784	415	2440
13	606	490	1370	678	1020	648	734	554	492	692	1530	1900
14	643	490	1330	877	558	734	1050	509	495	725	1030	1580
15	488	497	1220	559	516	653	1080	501	535	785	384	1270
16	467	503	1250	643	1300	658	914	614	897	604	429	1140
17	544	543	964	786	1520	648	674	712	904	504	581	1740
18	491	634	1080	768	996	721	539	527	737	707	464	3770
19	405	593	914	660	1020	642	588	868	493	901	485	3800
20	506	1410	1120	765	922	634	678	819	551	780	520	2280
21	538	1170	973	709	936	678	587	756	602	518	337	1650
22	378	916	893	739	849	741	588	552	679	509	299	1430
23	501	759	692	577	796	676	695	559	620	455	482	1230
24	502	762	623	680	906	596	655	594	656	459	514	1140
25	447	798	768	662	804	535	580	544	718	450	452	1060
26	484	704	813	804	791	539	422	423	1270	581	612	966
27	601	717	778	942	1060	571	522	298	1340	577	493	1780
28	764	629	687	823	879	728	632	415	1210	524	427	8540
29	700	827	687	762	779	615	609	449	793	455	424	5150
30	613	845	783	708	---	535	583	443	823	1230	436	2860
31	513	---	759	684	---	867	---	539	---	947	342	---
TOTAL	16891	20035	27785	23010	26626	21483	19953	17917	19355	21517	17802	84229
MEAN	545	668	896	742	918	693	665	578	645	694	574	2808
MAX	764	1410	1490	950	1520	906	1080	884	1340	1230	1530	10800
MIN	302	436	623	559	516	535	422	298	271	450	294	387
CFSM	0.94	1.15	1.55	1.28	1.58	1.19	1.15	1.00	1.11	1.20	0.99	4.84
IN.	1.08	1.29	1.78	1.48	1.71	1.38	1.28	1.15	1.24	1.38	1.14	5.40

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	654	743	960	1203	1336	1533	1357	1061	850	730	725	629																																																						
MAX	2623	2041	2603	2929	2430	3864	3005	2227	1775	1906	1995	2808																																																						
(WY)	1965	1949	1962	1946	1990	1952	1964	2003	1979	1949	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 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1939 - 2004	
ANNUAL TOTAL	477163		316603		981	
ANNUAL MEAN	1307		865		1569	
HIGHEST ANNUAL MEAN					435	
LOWEST ANNUAL MEAN					16100	
HIGHEST DAILY MEAN	10500	Mar 21	10800	Sep 9	Aug 27 1995	
LOWEST DAILY MEAN	302	Oct 8	271	Jun 5	11 a Oct 12 1941	
ANNUAL SEVEN-DAY MINIMUM	468	Oct 19	417	Aug 27	51 Aug 11 2002	
MAXIMUM PEAK FLOW			11400	Sep 9	20900 Aug 27 1995	
MAXIMUM PEAK STAGE			17.18	Sep 9	22.95 Aug 27 1995	
ANNUAL RUNOFF (CFSM)	2.25		1.49		1.69	
ANNUAL RUNOFF (INCHES)	30.60		20.31		22.97	
10 PERCENT EXCEEDS	2220		1150		1780	
50 PERCENT EXCEEDS	1080		676		734	
90 PERCENT EXCEEDS	544		463		316	

a Also occurred Oct. 19, 1941.

