

02148315 WATEREE RIVER BELOW EASTOVER, SC

LOCATION.--Lat 33°49'42'', long 80°37'14'', Richland County, Hydrologic Unit 03050104, on right bank, 1.3 mi upstream from Southern Railway bridge, 1.8 mi northeast of Wateree, 4.5 mi southeast of Eastover, and at mile 10.8.

DRAINAGE AREA.--5,590 mi<sup>2</sup>, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft<sup>3</sup>/s only.

GAGE.--Data collection platform. Datum of gage is 77.43 ft above sea level (South Carolina Electric and Gas Company benchmark).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft<sup>3</sup>/s). Discharge represents only that portion of the flow confined to the main channel; less than about 10,000 ft<sup>3</sup>/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, daily mean discharges greater than 10,000 ft<sup>3</sup>/s are not shown for Jan. 27, 28, Feb. 2, 16-18, Mar. 22-24.

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	2400	1670	2010	1770	9090	4630	7950	3760	1810	1670	1530	1590
2	2220	1520	2000	1570	---	5140	5870	3570	1760	1720	1680	1730
3	1930	1680	2240	1540	9580	4160	4800	3840	1880	1700	1740	1900
4	1450	1960	2200	1800	7310	4750	5310	3580	1720	1650	1780	1800
5	1410	2230	2460	1950	5780	4240	5500	3540	1750	1610	1710	1950
6	1780	1900	2310	2150	6420	3060	4970	3590	1810	1660	1770	1980
7	1740	1630	2310	2890	5310	3330	5090	3710	1750	1790	1890	1960
8	1530	1590	2510	3830	4300	3350	5100	3460	1820	1800	1850	2190
9	1650	1710	2460	2800	3810	2700	4730	3820	1890	1670	1650	1890
10	1640	1880	2620	2270	3670	2910	4800	5010	1810	1720	1540	1610
11	1490	1750	2170	3020	4030	4110	5080	4360	1670	1730	1620	1500
12	1580	1690	1860	4530	3650	3930	5180	3290	1690	1590	1590	1580
13	2040	1940	2070	5610	3360	3120	4920	2990	1880	1550	1620	1710
14	2840	2160	1980	4630	6520	3690	5200	2900	2030	1650	1520	1960
15	2550	2060	2000	4010	9650	3700	5130	2790	1800	1660	1470	2120
16	2990	1810	3070	3920	---	3050	4280	2740	1680	1610	1400	1710
17	4440	1980	3300	2400	---	3830	6250	2710	1720	1790	1520	1650
18	4780	2050	2790	2230	---	4460	7380	2690	1720	1680	1460	1490
19	2720	1920	2260	3040	9460	4850	7410	2680	1650	1620	1430	1490
20	2190	1970	2220	4480	7010	4890	8080	2820	1700	1650	1490	1520
21	2230	2140	2290	3330	6740	7320	8280	2870	1640	1550	1460	1660
22	2100	2020	2790	3040	5470	---	6440	2780	1690	1670	1410	1860
23	2030	2180	3120	2990	4660	---	4310	2660	1730	1480	1410	4410
24	1880	1880	3190	3310	4360	---	3640	2610	1770	1550	1410	6320
25	1840	2030	2760	5770	5660	9720	3920	2600	1810	1580	1460	5000
26	2000	2070	2390	9220	5560	8600	4450	2610	1520	1780	1500	6060
27	1850	2170	2300	---	3740	8060	4730	2610	1650	1870	1660	5960
28	1750	2270	2220	---	2820	8000	4810	2600	1760	1830	1520	5680
29	1840	2420	2430	9970	2530	7920	5290	2590	1800	1740	1490	4480
30	2010	2330	1970	6840	---	7650	4860	2590	1820	1550	1440	2590
31	1760	---	2230	6100	---	7900	---	2400	---	1520	1540	---
TOTAL	66660	58610	74530	111010	140490	143070	163760	96770	52730	51640	48560	79350
MEAN	2150	1954	2404	3828	5620	5110	5459	3122	1758	1666	1566	2645
MAX	4780	2420	3300	9970	9650	9720	8280	5010	2030	1870	1890	6320
MIN	1410	1520	1860	1540	2530	2700	3640	2400	1520	1480	1400	1490
CFSM	.38	.35	.43	.68	1.01	.91	.98	.56	.31	.30	.28	.47
IN.	.44	.39	.50	.74	.93	.95	1.09	.64	.35	.34	.32	.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2000, BY WATER YEAR (WY)

MEAN	3202	3990	5015	7037	6868	5612	5404	5047	4931	4189	3963	3452
MAX	7683	9274	7399	8760	9155	8476	9550	9104	9698	7239	6608	6908
(WY)	1980	1978	1997	1980	1972	1980	1980	1975	1973	1989	1974	1979
MIN	1650	1623	2404	4046	3048	3635	2344	1440	1350	1507	1566	1506
(WY)	1994	1982	2000	1989	1977	1981	1985	1986	1988	1986	2000	1999

SANTEE RIVER BASIN

SUMMARY STATISTICS		02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued				WATER YEARS 1968 - 2000	
		FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR			
LOWEST DAILY MEAN	1070	Sep 27	1400	Aug 16	549	Oct 22	1986
INSTANTANEOUS PEAK FLOW			Unknown	Jan 28	Unknown	Oct 6	1989
INSTANTANEOUS PEAK STAGE			15.10	Jan 28	17.98	Oct 6	1989

