

SANTEE RIVER BASIN

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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 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft³/s only.

GAGE.--Data collection platform. Datum of gage is 77.43 ft above NGVD of 1929 (South Carolina Electric and Gas Company benchmark).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft³/s). Discharge represents only that portion of the flow confined to the main channel; less than about 10,000 ft³/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, daily mean discharges greater than 10,000 ft³/s are not shown.

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	---	3160	5640	9490	4570	5550	---	6240	2090	6110	5500	3970
2	---	5550	5920	9780	5040	7370	---	4840	3020	6540	6380	3750
3	---	5080	6630	8950	4660	8760	---	4400	5440	6630	5990	3270
4	---	3920	7520	8000	3600	9140	---	4540	8920	6970	5930	3520
5	9230	3320	8480	6620	4980	8820	---	3970	9780	7820	5380	3310
6	6650	4290	6150	6200	6160	7430	8950	3810	8810	8960	4640	2540
7	6030	4740	4630	6250	5130	5930	7600	3530	6330	9220	3770	2290
8	5740	4470	6140	7070	5000	5770	8730	3380	5000	9550	3550	2630
9	5630	3910	5830	6510	4060	5940	8950	3230	5160	8710	3280	2460
10	4520	3810	6610	4370	4120	7250	8490	3160	6070	9040	3210	1900
11	5760	4200	8110	5640	4340	8120	7760	3620	6990	8940	3850	1840
12	6930	3830	9340	5780	4740	6950	7170	4290	6340	9350	e4970	1800
13	5770	4480	9800	6130	4300	5970	8380	5040	5990	9360	e5070	1680
14	6510	4280	9390	6360	3240	4360	---	4310	5370	9060	4610	1880
15	5830	3820	8110	7500	3150	4140	---	3550	6840	e8500	3800	2120
16	7440	4770	7480	e9570	3500	4870	---	3760	6610	e8850	3620	1770
17	6210	5140	7560	e9450	3570	6740	---	4000	6710	e8760	4680	2130
18	5840	4110	8570	7920	3080	9160	e9260	4520	6160	e6900	5020	2200
19	3530	3970	8930	7170	3290	9730	7650	3990	4510	e7450	5510	1440
20	2700	4460	9050	7100	2900	8860	7940	3250	3800	7390	6690	1530
21	4160	5270	8680	9170	2850	6830	8430	3150	3500	6350	7360	1490
22	4150	4860	8130	9660	2480	5610	6530	3180	2890	5600	6570	1340
23	4990	4680	7780	7970	3730	6920	5750	3180	2910	4630	6020	1330
24	4580	4520	6170	6460	5120	7980	6200	3230	4690	3980	5520	1220
25	4230	5940	7300	5950	4880	7780	5070	3760	3910	4060	5230	1390
26	5160	6860	9270	5450	6030	7090	4510	3260	3090	4380	7410	1250
27	5000	6430	9500	4120	6150	6910	4850	2970	3160	4160	7930	1130
28	4050	6860	9000	3770	5250	7080	4890	2640	3070	5200	7530	1150
29	3840	6150	8400	4790	---	e8810	5130	2060	4310	5170	6710	1500
30	3150	6050	7730	5070	---	---	5650	1950	5770	3400	e7010	1540
31	2960	---	8480	4740	---	---	---	1990	---	3860	5320	---
TOTAL	---	142930	240330	213010	119920	---	---	112800	157240	214900	168060	61370
MEAN	---	4764	7753	6871	4283	---	---	3639	5241	6932	5421	2046
MAX	---	6860	9800	9780	6160	---	---	6240	9780	9550	7930	3970
MIN	---	3160	4630	3770	2480	---	---	1950	2090	3400	3210	1130
CFSM	---	0.85	1.39	1.23	0.77	---	---	0.65	0.94	1.24	0.97	0.37
IN.	---	0.95	1.60	1.42	0.80	---	---	0.75	1.05	1.43	1.12	0.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2005, BY WATER YEAR (WY)

	3035	3842	4872	6326	6069	5204	5144	4626	4695	4098	3852	3304
MEAN	3035	3842	4872	6326	6069	5204	5144	4626	4695	4098	3852	3304
MAX	7683	9274	7753	8760	9155	8476	9550	9104	9698	7239	6608	6908
(WY)	1980	1978	2005	1980	1972	1980	1980	1975	1973	1989	1974	1979
MIN	1464	1431	848	2123	2202	2825	2344	1440	1350	1486	1456	1413
(WY)	2003	2002	2002	2001	2001	2002	1985	1986	1988	2002	2002	2002

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1968 - 2005	
LOWEST ANNUAL MEAN		1130 Sep 27	549	Oct 22 1986
MAXIMUM PEAK FLOW		Unknown a Apr 4	Unknown	Oct 6 1989
MAXIMUM PEAK STAGE		15.12 a Apr 4	17.98	Oct 6 1989

a Also occurred Apr. 2

e Estimated

