

SANTEE RIVER BASIN

181

02153200 BROAD RIVER NEAR BLACKSBURG, SC

LOCATION.--Lat 35°07'26'', long 81°35'17'', Cherokee County, Hydrologic Unit 03050105, at upstream side of bridge on SC Highway 18, 1.2 mi upstream of Buffalo Creek, 1.2 mi downstream of Gaston Shoals Reservoir, 3.2 mi west of Blacksburg, and at mile 275.2.

DRAINAGE AREA.--1,290 mi².

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 550 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

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	1060	1010	909	2520	1740	2820	2870	2810	2810	2760	9210	2140
2	791	1110	727	2480	1530	2530	2580	2820	2710	9700	4430	2270
3	842	637	844	2180	1290	2320	2410	3180	3730	9640	3980	2400
4	466	762	1080	2180	1540	2360	2440	3140	4490	4800	5260	2550
5	531	623	2180	1710	1650	2280	2590	2890	3990	3730	8250	2490
6	515	1230	2920	1580	1640	3800	2320	5540	3200	3290	5330	2170
7	624	1120	2320	1850	1810	4090	6420	11200	5100	3060	7610	1820
8	e400	933	1800	2060	1690	3290	5630	8910	14500	3030	6420	1710
9	158	1040	1710	1930	1600	2720	5920	5430	9750	2920	4770	2000
10	220	891	1460	2060	1340	2310	e12700	4240	5860	2840	4030	2160
11	707	867	2220	2000	1420	2310	e20400	3690	4330	2960	4780	2140
12	666	2780	3170	1400	1720	2130	9060	3340	3800	2860	5030	2100
13	607	2890	3380	1330	1810	2040	5660	3180	3450	6410	4400	1720
14	515	2310	5260	1650	1850	2070	4280	3010	3270	7160	3450	1610
15	630	1830	3410	1600	1840	2190	3840	2890	3080	3660	4000	1520
16	3310	2200	2590	1820	1650	3090	3440	2970	3510	3080	4120	1900
17	3230	3930	2200	1480	1810	3090	3230	3200	4010	2930	4210	2170
18	1880	3300	1910	1670	1880	3990	14400	3060	3880	2710	3960	1890
19	1520	2410	1940	1640	2150	4090	14600	3000	4580	2890	3420	1670
20	899	1890	2620	1370	2090	e30300	6430	3050	3940	2790	2960	1520
21	702	1490	3180	1310	2010	e21500	4890	2930	3240	2520	2800	1380
22	846	1580	2400	1510	5150	7210	4150	e10000	2900	2520	2660	1450
23	951	1550	2090	1800	9390	4810	3640	e18000	2780	2610	2910	3130
24	644	939	4790	1420	4610	3900	3350	8710	2780	2910	2690	2740
25	752	962	8960	1440	3370	3430	3240	8700	2480	2480	2480	2040
26	973	1190	4560	1260	3040	3170	3480	5510	2230	2430	2300	1860
27	806	1420	3410	1270	3010	3040	3300	4690	2540	2190	2070	1900
28	667	1190	3040	1610	2950	2880	3000	3870	2760	1830	2170	1690
29	1240	882	2500	1550	---	2730	2900	3350	2570	1920	2310	1740
30	1390	1080	2360	2050	---	2870	3000	3270	2390	2560	2380	1640
31	1010	---	2450	1950	---	3130	---	3070	---	9300	2140	---
TOTAL	29552	46046	84390	53680	67580	142490	166170	153650	120660	116490	126530	59520
MEAN	953	1535	2722	1732	2414	4596	5539	4956	4022	3758	4082	1984
MAX	3310	3930	8960	2520	9390	30300	20400	18000	14500	9700	9210	3130
MIN	158	623	727	1260	1290	2040	2320	2810	2230	1830	2070	1380
CFSM	0.74	1.19	2.11	1.34	1.87	3.56	4.29	3.84	3.12	2.91	3.16	1.54
IN.	0.85	1.33	2.43	1.55	1.95	4.11	4.79	4.43	3.48	3.36	3.65	1.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2003, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2003
MEAN	954	1088	1491	1955	2171	2510
MAX	1439	1535	2722	4250	4675	4596
(WY)	1998	2003	2003	1998	2003	2003
MIN	531	567	816	930	973	960
(WY)	2002	2002	2002	2001	2001	2001

SANTEE RIVER BASIN

02153200 BROAD RIVER NEAR BLACKSBURG, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1998 - 2003	
ANNUAL TOTAL	372789		1166758		1635	
ANNUAL MEAN	1021		3197		3197	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					744	
HIGHEST DAILY MEAN	8960	Dec 25	e 30300	Mar 20	e 30300	Mar 20 2003
LOWEST DAILY MEAN	41	Aug 12	158	Oct 9	41	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	90	Aug 9	416	Oct 4	90	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown	Mar 20	Unknown	Mar 20 2003
MAXIMUM PEAK STAGE			21.06	Mar 20	21.06	Mar 20 2003
ANNUAL RUNOFF (CFSM)	0.79		2.48		1.27	
ANNUAL RUNOFF (INCHES)	10.75		33.65		17.22	
10 PERCENT EXCEEDS	2180		5370		3100	
50 PERCENT EXCEEDS	847		2540		1190	
90 PERCENT EXCEEDS	203		1010		429	

e Estimated

