

SANTEE RIVER BASIN

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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1800	1870	2010	1640	1140	1760	2070	1780	1350	2450	1270	1390
2	1720	1370	1890	1630	1100	1710	1730	1870	1160	2380	1270	1560
3	1430	1280	1690	1610	1880	1700	1550	1600	1140	2810	919	1690
4	1650	1690	1840	1280	2130	1680	1310	1650	1000	2230	905	1530
5	1670	1590	2090	1410	2010	1920	1220	1490	768	1910	1010	1210
6	1430	1850	2020	1680	3550	1710	1490	1410	938	1780	832	913
7	1650	2080	1830	1670	12900	1430	1560	1370	776	1730	1040	3240
8	1780	2090	1740	1640	5440	1330	1330	1520	1100	1140	1080	e300000
9	1750	1920	2060	1630	3630	1700	1320	1150	1140	1200	803	e480000
10	2050	1490	2390	1630	2910	1610	1420	1480	1160	1320	740	8310
11	1840	1640	3780	1430	2640	1510	1100	1420	919	1110	864	4320
12	1830	1760	3140	1510	2380	1540	1390	1330	801	1280	1660	3770
13	1930	1630	e2720	1560	2540	1780	2930	1360	1350	1520	2190	3340
14	1850	1440	e4110	1490	2300	1300	4440	1500	2080	1800	1360	2800
15	2000	1660	e3630	1250	2000	1340	2830	1350	3460	1000	1020	2460
16	1620	1450	e3050	1340	2070	1480	2260	985	6930	881	692	2750
17	1610	1340	e2880	1490	2170	1590	1980	1010	3320	852	957	4900
18	1740	1500	e2760	1510	2130	1570	1560	1330	2020	903	1280	9670
19	1400	3310	2410	1300	1940	1370	1500	1520	1890	903	1780	4720
20	1400	7240	2140	1350	1690	1390	1610	1550	1340	1100	1110	3640
21	1560	3530	1960	1520	2020	1180	1740	1390	1320	1120	758	3290
22	1370	2920	1960	1510	1610	1130	1520	1280	1900	1010	1430	3070
23	1540	2310	1970	1510	1560	1260	1490	949	2730	875	986	2710
24	1540	2060	1950	1510	1680	1360	1500	891	3200	829	1070	2420
25	1690	2080	1940	1200	1900	1300	1120	1170	2930	752	1260	2530
26	1370	1980	1870	1230	1670	1350	1110	1280	3840	926	1140	2000
27	1630	2000	1620	1560	1860	1300	1680	1070	2520	1420	996	1880
28	2370	1910	1790	1550	1920	1130	1760	1010	1920	e1640	758	9980
29	1940	2210	1650	1480	1940	1030	1380	897	1980	1910	990	7420
30	1650	1980	1650	1230	---	1300	1220	786	1770	1450	821	4190
31	1610	---	1700	1630	---	1700	---	996	---	1240	1680	---
TOTAL	52420	63180	70240	45980	74710	45460	51120	40394	58752	43471	34671	179703
MEAN	1691	2106	2266	1483	2576	1466	1704	1303	1958	1402	1118	5990
MAX	2370	7240	4110	1680	12900	1920	4440	1870	6930	2810	2190	48000
MIN	1370	1280	1620	1200	1100	1030	1100	786	768	752	692	913
CFSM	1.31	1.63	1.76	1.15	2.00	1.14	1.32	1.01	1.52	1.09	0.87	4.64
IN.	1.51	1.82	2.03	1.33	2.15	1.31	1.47	1.16	1.69	1.25	1.00	5.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2003	2004
MEAN	1059	1234	1602	1888	2231	2361	2450
MAX	1691	2106	2722	4250	4675	4596	5539
(WY)	2004	2004	2003	1998	1998	2003	2003
MIN	531	567	816	930	973	960	1086
(WY)	2002	2002	2002	2001	2001	2001	2002

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	1192610		760101		1698	
ANNUAL MEAN	3267		2077		3197	
HIGHEST ANNUAL MEAN					744	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	e 30300	Mar 20	e 48000	Sep 9	e 48000	Sep 9 2004
LOWEST DAILY MEAN	1260	Jan 26	692	Aug 16	41	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	1430	Jan 21	910	Aug 5	90	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown		Unknown	
MAXIMUM PEAK STAGE			21.92		21.92	
ANNUAL RUNOFF (CFSM)	2.53		1.61		1.32	
ANNUAL RUNOFF (INCHES)	34.39		21.92		17.89	
10 PERCENT EXCEEDS	5370		2920		3080	
50 PERCENT EXCEEDS	2480		1610		1280	
90 PERCENT EXCEEDS	1570		1010		464	

e Estimated

