

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 sea level (from topographic map).

REMARKS.--Records good except those above 15,000 ft 3/s, which are fair, and estimated daily discharges, which are poor.

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	943	668	1110	1180	1700	1450	1900	1540	1090	806	1120	277
2	784	1150	1280	1160	1770	1390	1470	1980	975	694	948	944
3	759	2250	1030	851	1730	1360	1930	1630	828	567	743	1240
4	656	1790	1230	1000	1750	1470	3690	1750	1010	378	783	1090
5	784	1070	1110	1280	1610	1200	2690	2060	973	407	743	780
6	1170	1330	969	1300	1470	1050	2520	2070	1110	657	869	991
7	912	971	1130	1230	1350	1200	2260	1310	1210	603	752	617
8	749	803	1150	1480	807	1260	2130	1270	976	357	672	443
9	722	818	1170	1160	1280	1140	1900	1420	847	425	545	503
10	978	941	1300	2280	1350	1320	1550	1330	794	562	547	632
11	3360	922	1350	4280	1440	1290	1630	1420	838	371	655	456
12	2060	962	1080	2680	1500	1330	1930	1600	791	391	426	442
13	1340	928	872	2260	1770	1270	1980	1520	681	783	532	682
14	1150	926	1520	1890	2700	1370	2070	1410	743	858	448	155
15	990	710	2150	1980	3130	1350	2600	1300	691	733	360	197
16	993	769	2220	1570	2380	1720	3490	1460	714	712	477	257
17	957	837	1900	1310	2110	3340	3540	1350	745	441	243	465
18	e643	754	1610	1460	2380	2730	3080	1400	847	361	311	394
19	455	870	1180	1800	1880	1700	2290	1380	766	356	433	392
20	724	845	1000	1690	1670	7980	2250	1080	853	346	215	490
21	1030	801	1500	1720	1070	10800	2220	1070	903	341	417	414
22	1080	801	1730	1770	1510	4760	2140	908	758	349	389	518
23	859	672	1610	1540	1510	3500	1630	1190	735	394	358	1180
24	891	861	1510	1290	1520	2850	1450	1420	729	1370	357	1300
25	674	1020	1580	1630	e1470	2680	2230	1430	724	1090	347	962
26	633	1470	1170	1820	e1470	1930	2520	1540	666	949	374	736
27	665	2950	931	1530	e1420	1730	2050	1480	655	839	496	548
28	738	2110	987	1610	1270	2310	2150	983	643	257	312	395
29	757	1710	1260	1710	1560	2190	2640	665	447	412	307	430
30	817	1370	1280	1280	---	2010	2170	872	887	850	221	456
31	751	---	1360	1500	---	1880	---	1150	---	1110	356	---
TOTAL	30024	34079	41279	51241	48577	73560	68100	42988	24629	18769	15756	18386
MEAN	969	1136	1332	1653	1675	2373	2270	1387	821	605	508	613
MAX	3360	2950	2220	4280	3130	10800	3690	2070	1210	1370	1120	1300
MIN	455	668	872	851	807	1050	1450	665	447	257	215	155
CFSM	.75	.88	1.03	1.28	1.30	1.84	1.76	1.07	.64	.47	.39	.48
IN.	.87	.98	1.19	1.48	1.40	2.12	1.96	1.24	.71	.54	.45	.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2000, BY WATER YEAR (WY)

	1998	1999	2000
MEAN	1220	1204	1457
MAX	1439	1402	1793
(WY)	1998	1998	1998
MIN	969	1075	1247
(WY)	2000	1999	1999

SANTEE RIVER BASIN

SUMMARY STATISTICS	02153200 BROAD RIVER NEAR BLACKSBURG, SC--Continued		WATER YEARS 1998 - 2000	
	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR		
ANNUAL TOTAL	481368	467388		
ANNUAL MEAN	1319	1277	1662	
HIGHEST ANNUAL MEAN			2378	1998
LOWEST ANNUAL MEAN			1277	2000
HIGHEST DAILY MEAN	4180	Feb 2	10800	Mar 21
LOWEST DAILY MEAN	95	Sep 16	155	Sep 14
ANNUAL SEVEN-DAY MINIMUM	269	Sep 15	335	Aug 26
INSTANTANEOUS PEAK FLOW			16100	Mar 21
INSTANTANEOUS PEAK STAGE			12.01	Mar 21
ANNUAL RUNOFF (CFSM)	1.02		.99	
ANNUAL RUNOFF (INCHES)	13.88		13.48	
10 PERCENT EXCEEDS	2060		2180	2960
50 PERCENT EXCEEDS	1230		1120	1330
90 PERCENT EXCEEDS	497		426	614

e Estimated

