

02130900 BLACK CREEK NEAR MCBEE, SC

LOCATION.--Lat 34°30'50'', long 80°11'00'', Chesterfield County, Hydrologic Unit 03040201, near right bank, at downstream side of bridge on U.S. Highway 1, 0.2 mi upstream from Little Alligator Creek, 5.8 mi northeast of McBee, and at mile 59.1.

DRAINAGE AREA.--108 mi².

PERIOD OF RECORD.--October 1959 to current year. Occasional low-flow measurements, water years 1956-59.

GAGE.--Data collection platform. Datum of gage is 224.72 ft above NGVD of 1929. Prior to December 22, 1959, nonrecording gage at same site and datum.

REMARKS.--Records good except for discharges Oct. 1 to Apr. 2, which are fair, and estimated 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	59	e157	94	81	102	190	94	e84	e39	187	95	443
2	58	e151	91	82	92	204	e114	e92	e36	118	67	392
3	56	e140	88	81	96	210	e80	e108	e36	110	91	278
4	55	114	85	83	103	202	e81	e109	e35	155	82	216
5	55	107	91	87	100	189	e78	e112	e36	113	61	156
6	55	99	100	90	98	161	e75	e114	e37	141	64	97
7	54	96	100	88	104	133	e74	e108	e36	147	67	154
8	59	95	98	84	112	122	e73	e96	e42	152	46	847
9	90	94	93	88	119	112	e74	e82	e40	99	37	2150
10	129	93	98	98	110	104	e74	e75	e43	58	33	1320
11	176	92	142	99	95	98	e76	e70	e43	47	30	613
12	181	89	154	91	107	96	e82	e65	e45	43	35	373
13	176	85	159	89	141	93	e83	e61	e44	43	72	274
14	165	80	162	86	158	89	e85	e58	e48	42	109	232
15	162	79	150	85	190	89	e86	e55	e62	36	128	227
16	159	79	152	83	202	92	e86	e53	e63	31	135	213
17	151	78	154	82	192	113	e83	e50	e59	29	100	204
18	140	78	136	81	189	134	e79	e48	e57	37	84	200
19	132	93	123	88	171	121	e76	e46	e58	42	60	201
20	123	135	115	93	139	107	e74	e47	e50	45	49	210
21	112	144	105	88	124	98	e71	e46	e41	38	41	201
22	101	149	100	79	114	103	e69	e47	e41	32	37	166
23	90	132	97	78	108	102	e71	e46	e44	28	39	134
24	82	105	101	76	102	89	e70	e46	e52	26	39	121
25	75	98	99	74	95	84	e70	e44	117	23	35	113
26	82	91	95	80	96	90	e71	e41	121	22	30	108
27	e104	86	90	87	127	82	e76	e38	110	23	26	121
28	e116	86	88	100	162	79	e76	e36	103	38	25	185
29	167	87	86	105	178	77	e77	e34	130	69	47	202
30	186	92	86	108	---	75	e78	e35	169	121	205	228
31	e158	---	85	109	---	79	---	e34	---	126	274	---
TOTAL	3508	3104	3417	2723	3726	3617	2356	1980	1837	2221	2243	10379
MEAN	113	103	110	87.8	128	117	78.5	63.9	61.2	71.6	72.4	346
MAX	186	157	162	109	202	210	114	114	169	187	274	2150
MIN	54	78	85	74	92	75	69	34	35	22	25	97
CFSM	1.05	0.96	1.02	0.81	1.19	1.08	0.73	0.59	0.57	0.66	0.67	3.20
IN.	1.21	1.07	1.18	0.94	1.28	1.25	0.81	0.68	0.63	0.77	0.77	3.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2004, BY WATER YEAR (WY)

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	127	134	157	203	217	235	192	131	110	108	117	104																																	
MAX	469	230	267	483	503	460	398	276	272	357	370	346																																	
(WY)	1991	1972	1973	1998	1998	1998	1998	1991	1969	1975	1971	2004																																	
MIN	31.7	38.2	49.2	87.8	88.7	93.1	66.1	39.4	16.4	16.5	23.0	26.7																																	
(WY)	2002	2002	2002	2004	2002	2002	1985	2001	2002	2002	2002	1968																																	

PEE DEE RIVER BASIN

02130900 BLACK CREEK NEAR MCBEE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1960 - 2004	
ANNUAL TOTAL	61461		41111			
ANNUAL MEAN	168		112		153	
HIGHEST ANNUAL MEAN					265	1998
LOWEST ANNUAL MEAN					53.0	2002
HIGHEST DAILY MEAN	1000	Apr 12	2150	Sep 9	2460	Oct 13 1990
LOWEST DAILY MEAN	54	Oct 7	22	Jul 26	9.7 a	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	56	Oct 1	27	Jul 21	11	Aug 8 2002
MAXIMUM PEAK FLOW			2430	Sep 9	b 4500	Oct 12 1990
MAXIMUM PEAK STAGE			11.93	Sep 9	13.07	Oct 12 1990
ANNUAL RUNOFF (CFSM)	1.56		1.04		1.41	
ANNUAL RUNOFF (INCHES)	21.17		14.16		19.21	
10 PERCENT EXCEEDS	287		177		278	
50 PERCENT EXCEEDS	137		91		130	
90 PERCENT EXCEEDS	76		41		45	

a Also occurred Aug. 28-30, 2002.
 b From rating curve extended above 1,800 ft³/s.
 e Estimated

