

BROAD RIVER BASIN

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC

LOCATION.--Lat 32°50'10'', long 81°07'55'', Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Data collection platform. Datum of gage is 50.30 ft above NGVD of 1929. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair except for those below 100 ft³/s, 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	25	247	73	57	141	758	52	23	0.00	25	12	48
2	22	164	62	57	118	595	50	32	0.00	49	12	116
3	18	117	54	56	143	482	46	96	0.00	70	11	99
4	16	91	59	54	174	400	43	140	0.00	74	9.5	66
5	15	76	81	53	158	340	39	111	0.00	56	7.7	43
6	14	75	106	54	139	296	35	75	0.00	45	5.9	42
7	15	100	99	52	162	263	32	47	0.00	32	4.0	214
8	18	107	86	50	174	231	33	30	0.00	22	2.3	568
9	21	95	74	53	157	197	39	20	0.00	16	0.98	599
10	25	83	78	61	138	183	41	14	0.00	14	0.04	435
11	31	74	123	65	122	182	39	12	0.00	12	0.19	297
12	39	67	162	65	201	171	50	24	0.00	8.9	1.6	277
13	41	60	147	62	489	159	54	32	0.00	8.2	20	230
14	37	53	145	57	558	144	52	28	0.20	7.5	37	187
15	33	47	165	55	746	133	41	23	4.0	6.3	42	144
16	28	44	169	51	786	125	35	22	31	6.3	35	104
17	24	42	152	48	677	121	31	17	87	8.0	30	88
18	26	40	138	48	551	115	28	13	95	17	25	80
19	32	46	121	49	446	112	23	11	47	19	18	70
20	41	57	105	46	360	100	20	9.4	28	23	12	58
21	51	68	91	43	298	92	17	7.9	21	21	8.1	43
22	45	71	85	43	254	82	15	6.4	26	12	8.3	32
23	36	64	78	42	214	72	12	5.3	43	8.7	34	25
24	31	58	73	38	192	68	10	4.3	67	7.8	44	20
25	26	52	70	38	188	66	9.0	3.0	63	6.6	20	17
26	23	46	67	58	865	63	9.1	2.2	44	5.5	11	14
27	22	43	62	276	2100	61	17	1.0	36	4.3	8.5	29
28	48	46	60	494	1670	58	18	0.03	31	6.2	6.9	73
29	262	64	57	374	1060	55	19	0.00	24	14	5.3	137
30	487	74	57	257	---	53	19	0.00	20	16	4.5	150
31	369	---	58	181	---	53	---	0.00	---	12	17	---
TOTAL	1921	2271	2957	2937	13281	5830	928.1	809.53	667.20	633.3	453.81	4305
MEAN	62.0	75.7	95.4	94.7	458	188	30.9	26.1	22.2	20.4	14.6	144
MAX	487	247	169	494	2100	758	54	140	95	74	44	599
MIN	14	40	54	38	118	53	9.0	0.00	0.00	4.3	0.04	14
CFISM	0.31	0.37	0.47	0.47	2.26	0.93	0.15	0.13	0.11	0.10	0.07	0.71
IN.	0.35	0.42	0.54	0.54	2.43	1.07	0.17	0.15	0.12	0.12	0.08	0.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2004, BY WATER YEAR (WY)

MEAN	92.5	86.5	157	258	350	377	232	112	107	100	113	109
MAX	832	467	679	717	1080	1044	595	398	608	744	773	965
(WY)	1965	1986	1998	1998	1998	1980	1973	1954	1973	1975	1991	1969
MIN	0.00	0.38	8.57	20.7	29.1	32.9	16.2	0.06	0.00	0.00	0.00	0.00
(WY)	1955	2002	2002	1957	1957	1955	2002	2002	2000	2000	2002	1954

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	72750		36993.94		175	
ANNUAL MEAN	199		101		395	
HIGHEST ANNUAL MEAN					12.2	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	2120	Mar 22	2100	Feb 27	6590	Sep 2 1969
LOWEST DAILY MEAN	14	Oct 6	0.00	a May 29	0.00	b Aug 31 1951
ANNUAL SEVEN-DAY MINIMUM	17	Oct 3	0.00	May 29	0.00	Jun 29 1954
MAXIMUM PEAK FLOW			2170	Feb 27	8160	Sep 2 1969
MAXIMUM PEAK STAGE			5.18	Feb 27	c 8.39	Sep 2 1969
ANNUAL RUNOFF (CFSM)	0.982		0.498		0.860	
ANNUAL RUNOFF (INCHES)	13.33		6.78		11.69	
10 PERCENT EXCEEDS	440		219		468	
50 PERCENT EXCEEDS	110		47		69	
90 PERCENT EXCEEDS	40		6.3		2.6	

a Also occurred May 30 to June 13.
 b Also occurred many days, many years.
 c From floodmarks.

