

WACCAMAW RIVER BASIN

021108044 BULL CREEK NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'00'', long 79°07'24'', Horry County, Hydrologic Unit 03040206, on left bank, 4.0 mi downstream of State Highway 701 bridge, near Bucksport.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1989 to July 2000 (discontinued).

GAGE.--Data collection platform and Acoustic Velocity Meter. Elevation of gage is 5 ft below sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor. Discharge records for the 1990-94 water years were computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH) and are considered 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	9370	10400	4600	5600	13300	11400	9940	6940	e2200	2910	---	---
2	9700	9690	4640	5790	13000	10800	9790	6950	e2100	2540	---	---
3	10100	9810	5110	5850	12500	9670	9720	6420	e1600	2130	---	---
4	10400	9200	5150	5450	12100	9140	9400	5780	e3200	2040	---	---
5	10400	8710	4430	5000	11900	8940	8680	5750	e3500	1990	---	---
6	10300	8510	4470	4720	11700	8920	7650	5740	e3300	1570	---	---
7	10000	8130	3870	5280	11500	8280	7230	5690	e3000	1390	---	---
8	9890	7300	3480	5480	11500	7730	6970	5560	e3400	2050	---	---
9	9830	6630	3530	5470	11000	7190	7420	5240	e3500	2780	---	---
10	9960	5930	4080	5700	11000	7160	6740	4740	e3400	3000	---	---
11	9980	5270	4340	5520	10900	6910	6350	4420	e3550	2150	---	---
12	9580	4670	4400	5200	11400	7430	6060	4530	e3400	1210	---	---
13	8860	4700	4400	6320	11400	6780	5640	4750	e3200	1520	---	---
14	9370	5100	3910	7370	11300	6190	5990	4310	e2450	2590	---	---
15	9640	4580	3040	7360	11800	5830	6670	4250	e2500	2980	---	---
16	9780	4090	3070	8320	11800	5800	7310	3740	e2550	e2800	---	---
17	9570	3750	3960	8140	11800	6690	7310	2990	e2600	e2850	---	---
18	10200	3870	4850	7810	11200	6590	7260	2650	e2400	e2650	---	---
19	10800	4380	5230	7660	11300	6920	6940	2830	e2350	e2700	---	---
20	10700	4270	6020	7460	11700	7120	6530	2700	e2300	1950	---	---
21	10800	4020	5850	7530	11600	8510	6740	2970	e2400	2320	---	---
22	10300	4010	5400	7390	11700	9510	7460	3570	e3000	2780	---	---
23	10100	3740	5550	7420	11800	9950	7400	3230	e2800	2440	---	---
24	9960	3150	6230	7590	12100	10200	7660	e3100	e2800	2050	---	---
25	9830	3720	6380	8480	12300	10800	7910	e2950	e2750	1660	---	---
26	9700	4140	6630	9610	12500	11600	7020	e2750	e2700	1870	---	---
27	9700	4460	6390	10400	12400	11500	5880	2560	e2800	2190	---	---
28	9890	3790	5560	11300	12300	11600	6120	3630	e2850	2560	---	---
29	10100	4380	5230	11900	12000	11800	6400	3030	e2900	3130	---	---
30	10200	4800	5180	12500	---	11100	6640	2490	e2700	3720	---	---
31	10400	---	5690	13300	---	10500	---	2230	---	3990	---	---
TOTAL	309410	169200	150670	232920	342800	272560	218830	128490	84200	74510	---	---
MEAN	9981	5640	4860	7514	11820	8792	7294	4145	2807	2404	---	---
MAX	10800	10400	6630	13300	13300	11800	9940	6950	3550	3990	---	---
MIN	8860	3150	3040	4720	10900	5800	5640	2230	1600	1210	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2000, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
MEAN	6846	6327	7387	9807	10610	10910	9028	7161	5069	3752	5425	4823
MAX	12750	12630	12910	16060	12760	14530	17610	11250	8916	7900	10140	9002
(WY)	1990	1991	1993	1993	1993	1993	1993	1991	1992	1995	1991	1996
MIN	2246	2356	3913	6913	6207	6497	4724	2545	2517	2155	1956	2108
(WY)	1994	1999	1999	1992	1992	1999	1995	1995	1999	1993	1999	1993

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1990 - 2000	
ANNUAL TOTAL	2172340		1983590		7281	
ANNUAL MEAN	5952		6504		9889	
HIGHEST ANNUAL MEAN					1993	
LOWEST ANNUAL MEAN					4998	
HIGHEST DAILY MEAN	12600	May 8	13300	Jan 31	22900	Jan 21 1993
LOWEST DAILY MEAN	1090	Sep 15	1210	Jul 12	554	Oct 10 1990
ANNUAL SEVEN-DAY MINIMUM	1660	Aug 8	1960	Jul 2	1170	May 26 1995
INSTANTANEOUS PEAK STAGE			17.06	Oct 26	21.18	Feb 9 1998
10 PERCENT EXCEEDS	10400		11400		11800	
50 PERCENT EXCEEDS	5690		5990		6920	
90 PERCENT EXCEEDS	2040		2560		2460	

e Estimated

