

WACCAMAW RIVER BASIN

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

LOCATION.--Lat 33°38'56'', long 79°05'40'', Horry County, Hydrologic Unit 03040206, on left bank across from Bucksport Plantation Marina, 1.0 mi southwest of Bucksport, 3.9 mi upstream from Bull Creek, and at mile 25.2 on AIW.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 14.36 ft below sea level.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Discharge records for the 1990-94 water years are computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH) and are considered poor. Negative flow is south towards Georgetown.

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	-16500	-8610	-317	-233	-1210	-247	-1990	-360	-154	249	-1450	---
2	-15500	-8150	244	-446	-633	-366	-2160	-381	-649	-207	-1280	---
3	-14800	-9740	-233	-513	-639	616	-1760	892	-264	-368	-1680	---
4	-13700	-7610	-685	-551	-969	-560	-2720	107	108	-812	-1720	---
5	-12500	-7500	-312	23	-715	71	-1640	22	-860	-1200	-1440	---
6	-10600	-7160	-1220	31	-777	-1570	-2190	-707	-1660	-571	-158	---
7	-9880	-6270	-475	-841	-1280	-677	-2480	-1070	-302	249	-1070	---
8	-9040	-5220	-482	-508	-1280	-1470	-2510	e-800	-20	682	-772	---
9	-9040	-5440	-727	-433	-397	-1150	-2880	e-500	40	279	-547	---
10	-9050	-5720	-768	-1540	-830	-1260	-1980	-184	40	-411	-1180	---
11	-8480	-5490	144	-1450	-2160	-1320	-1430	350	190	-418	-1240	---
12	-7300	-4020	-512	-931	-3390	-1770	-1490	883	135	640	-1570	---
13	-7530	-3750	-882	-1100	-1620	-181	-728	346	281	-1580	-971	---
14	-7390	-4520	-2040	-440	-2950	22	-563	1070	339	-1630	-1210	---
15	-5250	-2910	-99	546	-2700	-219	-1840	765	268	-898	-1230	---
16	-5230	-2850	-59	-641	-2820	-54	-1120	363	-241	e-850	-1700	---
17	-10000	-2530	309	1060	-2170	-2050	-105	-583	-673	e-800	-1400	---
18	-10100	-2790	e50	1080	-1680	292	-695	-732	-627	e-750	-986	---
19	-7860	-2460	e-200	-77	-3090	-659	213	-654	-785	e-800	-1480	---
20	-8010	-1930	e-450	-911	-3000	-896	-30	-440	-440	e-850	-327	---
21	-7740	-1180	e-700	-681	-2230	-2570	-438	-18	-170	e-500	-302	---
22	-7380	-1680	e-900	-353	-2010	-3350	-1280	-51	-1040	e-450	141	---
23	-7030	-883	e-1250	-848	-2160	-2250	-443	134	-920	e-500	-582	---
24	-6230	-1160	e-1550	e-1500	-2420	-1910	-130	-506	-345	e-650	-1240	---
25	-6100	-984	-1020	e-2500	-1930	-3010	-2110	-294	-351	e-600	-452	---
26	-6530	-1290	-1450	-3830	-1660	-3090	154	106	-436	e-625	223	---
27	-7460	-2600	-651	-3080	-998	-1430	759	736	-176	e-650	-306	---
28	-7920	-1310	-1090	-3060	-1160	-1900	34	444	-36	e-625	-1020	---
29	-8370	-248	-1140	-2190	-463	-2520	6	1040	-46	-593	-802	---
30	-8940	-881	-785	-1860	---	-1510	-170	1480	470	-893	-395	---
31	-9320	---	-1060	-2190	---	-949	---	941	---	-759	-665	---
TOTAL	-280780	-116886	-20310	-29967	-49341	-37937	-33716	2399	-8324	-16891	-28811	---
MEAN	-9057	-3896	-655	-967	-1701	-1224	-1124	77.4	-277	-545	-929	---
MAX	-5230	-248	309	1080	-397	616	759	1480	470	682	223	---
MIN	-16500	-9740	-2040	-3830	-3390	-3350	-2880	-1070	-1660	-1630	-1720	---

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	-1840	-681	-546	-1463	-1639	-1283	-402	-226	-159	-201	-476	-2207
MAX	435	572	181	-32.1	249	339	429	403	523	1101	572	260
(WY)	1991	1991	1991	1994	1990	1990	1995	1994	1995	1998	1994	1994
MIN	-9057	-3896	-1477	-5004	-5747	-3855	-1556	-4029	-1792	-1797	-1850	-8551
(WY)	2000	2000	1995	1995	1998	1995	1996	1999	1992	1996	1996	1999

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1990 - 2000	
ANNUAL TOTAL	-961361				-1172	
ANNUAL MEAN	-2634				-718	
HIGHEST ANNUAL MEAN					-1494	
LOWEST ANNUAL MEAN					3930	
HIGHEST DAILY MEAN	2150	Apr 13	1480	May 30	3930	Aug 1 1998
LOWEST DAILY MEAN	-18300	Sep 28	-16500	Oct 1	-18300	Sep 28 1999
ANNUAL SEVEN-DAY MINIMUM	-17400	Sep 25	-13400	Oct 1	-17400	Sep 25 1999
INSTANTANEOUS PEAK STAGE			19.66	Oct 1	21.76	Feb 10 1998
10 PERCENT EXCEEDS	95		147		590	
50 PERCENT EXCEEDS	-1040		-870		-376	
90 PERCENT EXCEEDS	-7880		-6350		-2590	

e Estimated

