

WACCAMAW RIVER BASIN

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC

LOCATION.--Lat 33°49'55'' (revised), long 79°02'28'' (revised), Horry County, Hydrologic Unit 03040206, on bulkhead of State Highway 501 Business bridge at Conway.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 5.06 ft below sea level. Prior to Oct. 5, 1999, at site 1,000 ft downstream, at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Negative daily mean discharges are computed on many days, which are caused by two complete incoming and only one complete outgoing tide cycles during the day.

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	20300	9630	e1600	1030	3560	1880	3480	780	e77	302	760	728
2	18700	9260	e1500	1060	3630	1770	3530	805	e66	370	740	627
3	17100	8630	e1400	1070	3740	1530	3520	749	e64	359	690	782
4	15600	8040	e1300	1010	3880	1490	3430	695	e60	433	627	1040
5	14200	7570	e1250	1110	4000	1640	3410	754	e57	431	655	1520
6	12700	7090	e1150	886	4070	1750	3260	721	e54	239	556	1800
7	11700	6620	e1050	944	4160	1690	3110	686	e54	75	726	1810
8	10900	6160	e1000	917	4310	1710	2860	587	e53	148	730	1900
9	10200	5770	e900	854	4360	1590	2880	495	e52	236	790	2010
10	9480	5410	e850	918	4450	1430	2550	407	e53	349	993	2000
11	8890	5020	e800	1090	4500	1180	2340	376	e51	341	1090	1960
12	8420	4620	e750	1100	4560	1510	2220	275	e75	102	1200	1840
13	8080	4340	e710	993	4540	1290	1890	370	e70	5	1140	1800
14	7740	4090	684	1020	4540	1240	1600	339	e80	277	1180	1750
15	7380	e4000	597	749	4540	1250	1490	202	e85	309	1120	1750
16	7020	e3800	574	995	4480	1220	1580	215	e90	259	1060	1750
17	7630	e3600	492	742	4230	1840	1260	357	e90	197	924	1790
18	9380	e3400	414	725	4040	1930	1190	387	e95	135	706	2060
19	9900	e3200	626	783	3780	1890	1140	367	e110	182	799	2810
20	9890	e3000	1000	896	3670	2130	1050	255	e175	211	584	3240
21	9690	e2850	1270	1020	3450	3210	1070	114	e252	-129	647	3290
22	9560	e2700	1280	943	3140	3410	1190	115	e319	2	610	3320
23	9460	e2550	1250	1010	2880	3420	905	106	e371	150	674	3580
24	9550	e2400	1250	1460	2780	3130	843	173	e415	166	675	4300
25	9820	e2250	1140	2490	2650	3080	946	101	e460	237	627	4890
26	10200	e2100	1050	3080	2530	3160	768	84	e511	654	520	5150
27	10500	e2000	1100	3390	2350	3240	676	e80	e455	632	475	5110
28	10700	e1900	1040	3470	2270	3220	770	e75	e510	596	465	5210
29	10600	e1800	1170	3450	2050	3470	756	e65	506	561	434	5510
30	10400	e1700	1090	3350	---	3510	806	e63	340	535	440	5850
31	10100	---	1160	3430	---	3480	---	e77	---	702	596	---
TOTAL	335790	135500	31447	45985	107140	68290	56520	10875	5650	9066	23233	81177
MEAN	10830	4517	1014	1483	3694	2203	1884	351	188	292	749	2706
MAX	20300	9630	1600	3470	4560	3510	3530	805	511	702	1200	5850
MIN	7020	1700	414	725	2050	1180	676	63	51	-129	434	627

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2000, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
MEAN	3704	1982	1491	2753	4868	3207	1681	1366	503	862	863	4134
MAX	10830	4517	3364	5371	12430	7663	2854	5610	1050	2025	2558	10440
(WY)	2000	2000	1995	1995	1998	1998	1998	1999	1999	1996	1996	1999
MIN	455	138	334	1094	1510	1668	430	-16.3	188	155	274	531
(WY)	1998	1999	1999	1996	1996	1999	1995	1995	2000	1998	1999	1997

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1995 - 2000	
ANNUAL TOTAL	1385963		910673		2268	
ANNUAL MEAN	3797		2488		2928	
HIGHEST ANNUAL MEAN					1506	
LOWEST ANNUAL MEAN					24000	
HIGHEST DAILY MEAN	24000	Sep 26	20300	Oct 1	Sep 26 1999	
LOWEST DAILY MEAN	111	Aug 10	-129	Jul 21	Oct 20 1997	
ANNUAL SEVEN-DAY MINIMUM	194	Aug 10	53	Jun 5	May 16 1995	
INSTANTANEOUS PEAK FLOW			21100	Oct 1	24100	
INSTANTANEOUS PEAK STAGE			16.94	Oct 1	17.64	
10 PERCENT EXCEEDS	9550		7040		5230	
50 PERCENT EXCEEDS	1800		1180		1330	
90 PERCENT EXCEEDS	390		149		148	

a Also occurred on Sep. 26, 27, 1999.

e Estimated

