

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

LOCATION.--Lat 33°54'45'', long 78°42'55'', Horry County, Hydrologic Unit 03040206, on the upstream side of the upstream bridge on State Highway 9, 500 ft downstream from Buck Creek, 2.1 mi southeast of Longs, and at mile 85.4.

DRAINAGE AREA.--1,110 mi², approximately.

PERIOD OF RECORD.--March 1950 to current year.

GAGE.--Data collection platform. Datum of gage is 5.28 ft above sea level (levels by Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are 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	16000	8010	958	1120	4940	1440	3480	678	47	405	532	588
2	14300	7370	917	1080	5190	1380	3250	660	46	368	563	668
3	12800	6890	881	1040	e5400	1310	3020	643	44	334	563	806
4	11600	6350	849	1000	e5550	1290	2780	628	45	301	556	1000
5	10600	5750	821	967	5670	1380	2530	608	44	272	585	1290
6	9720	5150	798	924	5670	1370	2310	576	71	246	659	1540
7	8980	4620	776	889	5570	1320	2100	535	47	218	710	1760
8	8330	4170	748	866	5350	1230	1890	481	40	186	725	1850
9	7840	3800	718	835	5060	1140	1730	419	37	157	732	1870
10	7460	3520	689	835	4750	1070	1540	355	35	132	769	1860
11	7100	3280	658	881	4400	1000	1410	299	36	111	761	1860
12	6880	3060	629	880	4070	1030	1300	253	50	98	759	1900
13	6660	2860	609	874	3770	1050	1190	215	95	110	751	1980
14	6420	2670	591	870	3610	1020	1090	185	169	123	755	2070
15	6060	2500	573	869	3480	991	1050	161	247	99	755	2130
16	5620	2330	553	875	3260	975	1010	141	317	79	743	2130
17	6530	2160	535	879	3050	1140	951	124	372	68	725	2090
18	8600	2010	519	879	2860	1150	910	111	420	60	708	2270
19	9750	1870	587	877	2690	1110	870	98	473	54	711	2690
20	10000	1730	822	910	2550	1240	827	86	522	50	703	2870
21	10700	1610	829	935	2420	e2040	798	76	559	e49	676	2830
22	12000	1510	831	916	2310	e2860	780	68	553	e48	633	2820
23	13100	1440	853	950	2190	e3000	770	61	536	e49	584	e3800
24	13700	1370	891	1200	2070	e3310	775	55	490	e86	530	e5000
25	13800	1300	950	1800	1950	e3660	786	51	486	185	476	e6700
26	13500	1220	1020	2650	1830	e3880	785	67	481	323	425	e7780
27	12800	1160	1100	3120	1710	e4090	770	57	474	370	375	7360
28	12000	1100	1150	3300	1600	e4020	750	50	462	393	333	7030
29	10900	1050	1180	3640	1490	3940	726	47	446	408	315	6770
30	9890	1010	1170	4130	---	3830	701	46	434	431	375	6470
31	8920	---	1150	4600	---	3670	---	47	---	474	497	---
TOTAL	312560	92870	25355	45591	104460	61936	42879	7881	8078	6287	18984	91782
MEAN	10080	3096	818	1471	3602	1998	1429	254	269	203	612	3059
MAX	16000	8010	1180	4600	5670	4090	3480	678	559	474	769	7780
MIN	5620	1010	519	835	1490	975	701	46	35	48	315	588
CFSM	9.08	2.79	.74	1.32	3.25	1.80	1.29	.23	.24	.18	.55	2.76
IN.	10.47	3.11	.85	1.53	3.50	2.08	1.44	.26	.27	.21	.64	3.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2000, BY WATER YEAR (WY)

MEAN	1018	634	780	1819	2405	2539	1731	703	553	805	1087	1412
MAX	10080	3096	2780	6330	9142	7748	5072	5441	2422	6191	5643	11810
(WY)	2000	2000	1995	1993	1998	1983	1958	1999	1969	1961	1981	1999
MIN	5.13	6.20	30.1	1.36	260	363	194	32.1	18.3	13.2	14.5	3.70
(WY)	1984	1984	1955	1957	1989	1955	1967	1995	1952	1952	1954	1954

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SUMMARY STATISTICS	02110500 WACCAMAW RIVER NEAR LONGS, SC--Continued		WATER YEARS 1950 - 2000	
	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR		
ANNUAL TOTAL	1298097	818663		
ANNUAL MEAN	3556	2237	1285	
HIGHEST ANNUAL MEAN			2457	1999
LOWEST ANNUAL MEAN			439	1952
HIGHEST DAILY MEAN	28100	16000	28100	Sep 23 1999
LOWEST DAILY MEAN	100	35	1.0	Oct 14 1954
ANNUAL SEVEN-DAY MINIMUM	132	44	2.0	Sep 7 1954
INSTANTANEOUS PEAK FLOW		16900	28200	Sep 22 1999
INSTANTANEOUS PEAK STAGE		15.28	17.94	Sep 22 1999
INSTANTANEOUS LOW FLOW		35 ^a	1.0	Oct 14 1954
ANNUAL RUNOFF (CFSM)	3.20	2.02	1.16	
ANNUAL RUNOFF (INCHES)	43.50	27.44	15.73	
10 PERCENT EXCEEDS	9680	6490	3180	
50 PERCENT EXCEEDS	1370	962	713	
90 PERCENT EXCEEDS	368	99	57	

a Also occurred Jun. 11.

e Estimated

