

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 NGVD of 1929 (levels by Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1880	283	416	650	675	688	1920	268	664	223	740	556
2	2100	260	447	683	653	700	1980	231	668	235	655	552
3	2030	241	475	713	651	722	2070	198	665	311	573	543
4	2180	224	501	737	698	751	2030	173	845	605	478	518
5	2200	208	523	749	707	785	1960	157	1050	980	383	475
6	2130	193	544	750	706	816	1880	268	1100	806	322	414
7	2000	179	565	739	709	841	1820	480	1230	632	415	345
8	1830	167	582	723	715	862	1840	589	1400	615	420	280
9	1660	157	593	701	725	873	1860	673	1630	583	482	226
10	1500	147	608	679	743	882	1820	735	1770	503	629	185
11	1410	141	621	655	749	888	1740	773	1820	428	577	147
12	1320	140	626	636	749	889	1640	786	1780	372	510	120
13	1230	154	628	618	742	886	1550	774	1710	336	438	116
14	1140	152	628	649	731	873	1490	743	1590	361	381	422
15	1070	150	623	711	715	853	1450	689	1480	347	318	1110
16	1000	153	616	697	695	867	1400	623	1400	324	263	1200
17	931	156	606	704	669	993	1330	561	1300	315	239	1370
18	859	159	594	723	640	996	1250	494	1190	322	238	1470
19	805	157	580	752	614	983	1160	429	1070	335	254	1510
20	752	155	564	784	590	975	1080	396	949	334	232	1460
21	697	149	545	809	570	971	1000	428	814	357	197	1410
22	650	145	525	825	559	973	922	442	676	419	175	1350
23	605	151	506	833	538	1060	839	441	545	382	283	1300
24	563	164	484	825	525	1100	757	444	423	338	586	1250
25	521	171	458	812	531	1100	672	469	332	289	818	1190
26	478	181	476	792	522	1090	592	503	274	241	763	1140
27	437	196	543	764	519	1120	513	550	228	196	728	1090
28	401	269	555	729	621	1400	435	602	202	159	693	1040
29	368	340	567	699	---	1680	367	645	227	132	646	979
30	337	377	588	701	---	1780	309	667	248	115	597	925
31	309	---	616	697	---	1890	---	676	---	342	567	---
TOTAL	35393	5719	17203	22539	18261	31287	39676	15907	29280	11937	14600	24693
MEAN	1142	191	555	727	652	1009	1323	513	976	385	471	823
MAX	2200	377	628	833	749	1890	2070	786	1820	980	818	1510
MIN	309	140	416	618	519	688	309	157	202	115	175	116
CFSM	1.03	0.17	0.50	0.66	0.59	0.91	1.19	0.46	0.88	0.35	0.42	0.74
IN.	1.19	0.19	0.58	0.76	0.61	1.05	1.33	0.53	0.98	0.40	0.49	0.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2005, BY WATER YEAR (WY)

MEAN	1009	629	780	1715	2281	2481	1717	682	555	778	1104	1408
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	16.7	65.3	260	363	186	28.6	14.8	13.2	14.5	3.70
(WY)	1984	1984	2002	2002	1989	1955	2002	2002	2002	1952	1954	1954

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1950 - 2005	
ANNUAL TOTAL	448226		266495		1257	
ANNUAL MEAN	1225		730		2457	
HIGHEST ANNUAL MEAN					172	
LOWEST ANNUAL MEAN					28100	
HIGHEST DAILY MEAN	6100	Aug 21	2200	Oct 5	28100	Sep 23 1999
LOWEST DAILY MEAN	26	Jul 6	115	Jul 30	1.0	Oct 14 1954
ANNUAL SEVEN-DAY MINIMUM	29	Jul 1	148	Nov 10	2.0	Sep 7 1954
MAXIMUM PEAK FLOW			2220		28200	
MAXIMUM PEAK STAGE			9.81		17.94	
INSTANTANEOUS LOW FLOW			110		1.0	
ANNUAL RUNOFF (CFSM)	1.10		0.658		1.13	
ANNUAL RUNOFF (INCHES)	15.02		8.93		15.38	
10 PERCENT EXCEEDS	3660		1460		3100	
50 PERCENT EXCEEDS	581		636		702	
90 PERCENT EXCEEDS	56		206		54	

