

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, SC

LOCATION.--Lat 34°03'05'', long 79°45'15'', Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad Bridge, 1.0 mi south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 mi², approximately.

PERIOD OF RECORD.--October 1929 to current. Gage-height records collected at same site since 1891 are contained in reports of National Weather Service.

GAGE.--Data collection platform. Datum of gage is 58.49 ft above sea level. Prior to Sept. 7, 1934, 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	543	394	688	496	3550	883	899	703	232	185	e420	290
2	593	387	747	481	3780	873	821	675	212	186	e430	257
3	658	385	687	471	3810	862	757	611	195	224	e420	266
4	738	375	567	463	3560	851	700	560	187	287	e400	317
5	798	368	492	469	3120	861	655	535	181	282	384	411
6	713	367	454	471	2690	841	617	524	183	237	435	549
7	528	361	430	482	2440	812	588	539	177	207	e500	575
8	465	351	413	511	2340	801	570	524	176	184	e520	636
9	472	347	412	522	2300	807	560	460	188	174	e510	717
10	446	346	418	551	2250	810	542	403	204	185	369	793
11	405	347	417	707	2140	792	520	361	202	216	301	883
12	399	346	408	830	1980	775	517	326	187	228	265	824
13	e431	343	403	996	1740	746	522	301	174	251	245	544
14	e461	339	418	1180	1550	730	511	281	165	236	224	405
15	e480	333	444	1290	1530	730	522	264	157	238	208	345
16	497	330	486	1360	1460	756	555	248	154	301	194	306
17	684	333	525	1420	1500	867	608	239	155	381	183	277
18	1370	328	561	1410	1700	862	703	232	164	396	173	286
19	1390	319	643	1100	1830	805	794	222	173	320	168	309
20	1110	317	745	874	1890	908	882	209	171	267	163	280
21	945	317	749	815	1900	1340	904	199	161	230	155	258
22	867	316	744	786	1930	1460	868	195	155	208	150	275
23	774	318	747	865	1910	1450	818	191	160	212	149	1030
24	695	322	751	1370	1680	1430	726	187	159	198	147	2070
25	635	328	731	2260	1340	1450	613	182	180	228	150	2010
26	587	347	692	2990	1090	1490	534	188	181	276	148	1630
27	537	416	651	3420	976	1550	483	193	190	310	151	1440
28	492	457	607	3610	927	1660	471	199	188	335	176	1400
29	458	511	565	3530	900	1720	540	218	175	355	223	1370
30	432	594	535	3340	---	1500	640	255	184	386	284	1310
31	409	---	514	3350	---	1090	---	257	---	e400	309	---
TOTAL	20012	10942	17644	42420	59813	32512	19440	10481	5370	8123	8554	22063
MEAN	646	365	569	1368	2063	1049	648	338	179	262	276	735
MAX	1390	594	751	3610	3810	1720	904	703	232	400	520	2070
MIN	399	316	403	463	900	730	471	182	154	174	147	257
CFSM	.63	.35	.55	1.33	2.00	1.02	.63	.33	.17	.25	.27	.71
IN.	.72	.40	.64	1.53	2.16	1.17	.70	.38	.19	.29	.31	.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2000, BY WATER YEAR (WY)

MEAN	698	696	1050	1551	1790	1949	1518	803	590	640	690	677
MAX	3932	2347	3808	4464	5246	4874	4930	2180	1934	2331	2181	6326
(WY)	1965	1948	1995	1993	1998	1983	1936	1991	1973	1975	1971	1945
MIN	163	207	276	350	495	500	453	241	179	125	158	116
(WY)	1952	1932	1934	1934	1934	1938	1985	1981	2000	1986	1954	1954

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1930 - 2000	
ANNUAL TOTAL	262623		257374		1051	
ANNUAL MEAN	720		703		1856	
HIGHEST ANNUAL MEAN					451	
LOWEST ANNUAL MEAN					1934	
HIGHEST DAILY MEAN	3510	May 3	3810	Feb 3	24500	Sep 22 1945
LOWEST DAILY MEAN	144	Aug 17	147	Aug 24	95	Oct 9 1954
ANNUAL SEVEN-DAY MINIMUM	149	Aug 12	150	Aug 21	97	Oct 7 1954
INSTANTANEOUS PEAK FLOW			3840	a Feb 2	25000	Sep 22 1945
INSTANTANEOUS PEAK STAGE			12.59	a Feb 2	21.21	Sep 22 1945
INSTANTANEOUS LOW FLOW			143	Aug 27	94	Oct 10 1954
ANNUAL RUNOFF (CFSM)	.70		.68		1.02	
ANNUAL RUNOFF (INCHES)	9.49		9.30		13.86	
10 PERCENT EXCEEDS	1460		1500		2260	
50 PERCENT EXCEEDS	480		484		698	
90 PERCENT EXCEEDS	186		185		261	

a Also occurred Feb. 3.

e Estimated

