

## 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 mi<sup>2</sup>, 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 NGVD of 1929. 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 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	270	598	395	456	591	1830	446	288	131	282	308	3150
2	255	676	392	445	589	1800	435	308	126	332	448	4340
3	241	740	400	437	604	1730	431	474	122	359	494	4290
4	232	694	409	430	626	1670	461	523	120	305	439	3530
5	227	590	439	425	618	1640	492	488	120	281	403	2700
6	221	603	439	421	602	1650	493	507	123	250	348	2310
7	217	524	433	419	619	1660	464	e585	123	264	289	2360
8	216	460	437	420	651	1610	431	e600	121	289	253	3550
9	215	430	455	431	657	1410	401	624	128	255	233	5440
10	214	422	475	449	649	1150	380	449	128	226	223	7190
11	222	416	548	453	674	981	364	350	143	204	207	6900
12	240	409	551	454	e826	871	401	304	154	279	193	5570
13	277	397	569	464	e982	789	523	295	154	215	215	4540
14	343	375	663	474	e1090	731	521	279	150	182	233	5590
15	424	363	786	468	1470	699	486	259	148	170	259	6170
16	455	355	836	451	e1210	678	500	242	149	202	278	5250
17	427	349	830	437	e1430	662	546	233	155	226	368	4250
18	458	339	819	432	e1680	641	546	222	168	268	492	3380
19	505	340	853	430	e1820	628	491	207	179	238	616	2610
20	474	365	856	428	1950	636	422	194	177	214	738	2060
21	424	381	761	426	1900	663	373	185	177	222	740	1620
22	422	417	681	436	1840	658	337	178	174	236	489	1440
23	399	482	628	439	1790	613	309	170	161	226	344	1430
24	361	553	583	423	1590	569	289	163	147	244	294	1470
25	334	565	547	408	1250	548	274	158	138	248	265	1390
26	312	511	521	417	1120	541	262	155	135	207	243	1060
27	295	462	507	452	1460	518	262	153	158	176	237	940
28	299	436	496	500	1690	490	261	150	273	163	221	1590
29	478	424	484	540	1780	469	260	145	323	166	289	1700
30	532	404	471	573	---	453	266	143	306	152	1430	1680
31	545	---	462	591	---	451	---	137	---	179	1860	---
TOTAL	10534	14080	17726	14029	33758	29439	12127	9168	4811	7260	13449	99500
MEAN	340	469	572	453	1164	950	404	296	160	234	434	3317
MAX	545	740	856	591	1950	1830	546	624	323	359	1860	7190
MIN	214	339	392	408	589	451	260	137	120	152	193	940
CFSM	0.33	0.46	0.56	0.44	1.13	0.92	0.39	0.29	0.16	0.23	0.42	3.22
IN.	0.38	0.51	0.64	0.51	1.22	1.06	0.44	0.33	0.17	0.26	0.49	3.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

MEAN	677	682	1023	1498	1746	1931	1497	783	582	633	680	697
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	145	162	213	350	495	464	404	206	107	87.8	103	116
(WY)	2002	2002	2002	1934	1934	2002	2004	2002	2002	2002	2002	1954

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	467410		265881		1032	
ANNUAL MEAN	1281		726		1856	
HIGHEST ANNUAL MEAN					2002	
LOWEST ANNUAL MEAN					269	
HIGHEST DAILY MEAN	6930	Apr 17	7190	Sep 10	24500	Sep 22 1945
LOWEST DAILY MEAN	214	Oct 10	120	a Jun 4	69	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	219	Oct 5	122	Jun 2	70	Aug 10 2002
MAXIMUM PEAK FLOW			7370		25000	
MAXIMUM PEAK STAGE			15.96		21.21	
INSTANTANEOUS LOW FLOW			118		68	
ANNUAL RUNOFF (CFSM)	1.24		0.705		1.00	
ANNUAL RUNOFF (INCHES)	16.88		9.60		13.62	
10 PERCENT EXCEEDS	2550		1650		2250	
50 PERCENT EXCEEDS	852		436		676	
90 PERCENT EXCEEDS	359		173		250	

a Also occurred June 5.

e Estimated

