

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 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	253	328	444	1600	672	1990	2440	1230	1580	633	658	393
2	235	341	418	1820	730	2250	2030	1170	1420	1380	618	382
3	212	363	397	1690	834	2430	1720	1050	1050	2250	695	363
4	194	352	380	1330	998	2370	1610	922	804	1930	816	342
5	179	319	390	1110	1160	2190	1610	829	716	1560	852	366
6	167	296	415	1020	1310	2150	1640	e795	642	1570	758	376
7	161	279	415	950	1450	2640	1710	e910	631	1790	794	426
8	171	262	425	883	1370	3470	1910	e974	735	1980	948	461
9	171	253	514	822	1100	3660	2060	997	930	2070	1370	498
10	164	296	644	769	1070	3490	2490	1030	1130	2230	1640	519
11	245	382	733	724	1280	3140	3390	1080	1370	2240	1780	525
12	1070	525	696	683	1420	3060	4150	1150	1300	1790	1940	503
13	1210	901	689	646	1510	4220	4570	1200	1200	1200	2160	470
14	796	1060	879	620	1530	4650	4500	1050	1010	1000	2380	424
15	554	1060	940	595	1450	4270	4710	808	766	1040	2490	392
16	615	1040	973	569	1440	4290	6780	696	656	1060	2380	366
17	652	1230	1020	555	1560	4100	6930	635	807	1030	2260	343
18	633	1460	1090	544	1570	3910	5600	614	1170	1080	1860	324
19	550	1530	1200	533	1510	3610	4440	619	1500	1220	1570	309
20	518	1350	1380	532	1500	3530	3470	705	1590	1440	1540	308
21	504	1160	1540	546	1540	4070	2700	747	1700	1560	1540	302
22	430	1160	1450	566	1630	4640	2170	685	1650	1470	1540	283
23	366	1190	1100	574	1930	5280	1750	754	1530	1130	1380	277
24	321	1070	973	572	2170	5340	1530	892	1490	1090	1020	272
25	289	841	1190	569	2320	4860	1500	984	1510	1010	776	261
26	273	693	1270	584	2190	5190	1580	1070	1620	1010	663	264
27	263	607	1230	586	1960	5780	1530	1180	1720	1090	590	338
28	250	542	1210	567	1930	5160	1450	1310	1420	1090	543	386
29	265	497	1260	550	---	4260	1350	1410	1130	952	508	341
30	352	469	1350	558	---	3480	1280	1510	811	804	467	295
31	356	---	1450	616	---	2900	---	1590	---	719	426	---
TOTAL	12419	21856	28065	24283	41134	116380	84600	30596	35588	42418	38962	11109
MEAN	401	729	905	783	1469	3754	2820	987	1186	1368	1257	370
MAX	1210	1530	1540	1820	2320	5780	6930	1590	1720	2250	2490	525
MIN	161	253	380	532	672	1990	1280	614	631	633	426	261
CFSM	0.39	0.71	0.88	0.76	1.43	3.64	2.74	0.96	1.15	1.33	1.22	0.36
IN.	0.45	0.79	1.01	0.88	1.49	4.20	3.06	1.11	1.29	1.53	1.41	0.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2003, BY WATER YEAR (WY)

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	682	685	1029	1512	1754	1944	1512	789	587	638	683	662																																																														
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	453	206	107	87.8	103	116																																																														
(WY)	2002	2002	2002	1934	1934	2002	1985	2002	2002	2002	2002	1954																																																														

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	144458		487410		1036	
ANNUAL MEAN	396		1335		1856	
HIGHEST ANNUAL MEAN					269	
LOWEST ANNUAL MEAN					24500	
HIGHEST DAILY MEAN	1540	Dec 21	6930	Apr 17	24500	Sep 22 1945
LOWEST DAILY MEAN	69	Aug 13	161	Oct 7	69	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	70	Aug 10	172	Oct 4	70	Aug 10 2002
MAXIMUM PEAK FLOW			7320		25000	
MAXIMUM PEAK STAGE			15.93		21.21	
INSTANTANEOUS LOW FLOW			157		68	
ANNUAL RUNOFF (CFSM)	0.38		1.30		1.01	
ANNUAL RUNOFF (INCHES)	5.22		17.60		13.67	
10 PERCENT EXCEEDS	935		2550		2250	
50 PERCENT EXCEEDS	313		1050		678	
90 PERCENT EXCEEDS	87		341		250	

e Estimated

