

## 02083000 FISHING CREEK NEAR ENFIELD, NC

LOCATION.--Lat 36°09'02", long 77°41'35", Edgecombe County, Hydrologic Unit 03020102, on right bank 15 ft downstream of bridge on U.S. Highway 301, 2,000 ft downstream of Seaboard Coast Line Railroad bridge, 2 mi southwest of Enfield, 4.8 mi downstream of Rocky Creek, and 40 mi upstream from mouth.

DRAINAGE AREA.--526 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1923 to current year. Figures of daily discharge below 250 ft<sup>3</sup>/s, Oct 1, 1923, to July 3, 1924; below 350 ft<sup>3</sup>/s, May 30, 1925, to May 31, 1926; below 150 ft<sup>3</sup>/s, June 1 to Nov. 16, 1926; and below 100 ft<sup>3</sup>/s, Nov. 17, 1926, to Sept. 30, 1928; published in WSP 622, 642, and 662 are unreliable and should not be used. Gage-height records collected at site 2,000 ft upstream at different datum July 1, 1910, to Apr. 30, 1914, and at present site and datum since May 1, 1914, are contained in reports of National Weather Service, NOAA, U.S. Department of Commerce.

REVISED RECORDS.--WSP 872: 1935(M), WSP 1333: 1928(M), 1932-33, 1935. WDR NC-81-1: Drainage area. See also PERIOD OF RECORD.

GAGE.--Water-stage recorder. Datum of gage is 73.23 ft above NAVD of 1988. Prior to Oct. 28, 1932, nonrecording gage and Oct. 29, 1932, to Sept. 30, 1992, at same site at datum 76.26 ft. National Weather Service telephone telemetry at station. Satellite telemetry at station.

REMARKS.--Records fair, except those for estimated daily discharges, which are poor. Slight diurnal fluctuation and some regulation at low flow caused by upstream mills.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Apr. 19, 1910, reached a stage of 20.1 ft, at datum 76.26 ft (from floodmarks of Seaboard Coast Line Railroad Co.) at site 2,000 ft upstream. Flood of July 24, 1919, reached a stage of 19.6 ft at datum 76.26 ft; discharge, 20,300 ft<sup>3</sup>/s.

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	e315	650	411	422	548	429	360	274	122	174	434	2,600
2	e292	466	379	409	490	410	467	312	129	154	337	3,260
3	e260	375	354	402	498	404	540	598	118	114	882	2,060
4	242	333	332	400	934	426	460	1,480	105	111	2,170	726
5	229	311	381	403	1,040	431	391	1,490	109	209	1,290	410
6	220	304	685	485	794	412	351	810	121	144	660	350
7	212	304	905	514	1,390	402	325	479	183	104	378	367
8	207	354	690	484	1,890	403	315	381	173	88	252	443
9	213	438	526	431	1,960	395	308	328	152	95	182	1,390
10	232	382	458	418	1,370	381	299	283	132	99	145	2,100
11	271	348	1,240	409	792	362	307	245	131	87	123	1,690
12	293	327	1,770	391	662	351	315	226	110	85	112	700
13	305	314	1,660	383	829	342	429	208	99	88	121	434
14	285	298	1,650	393	891	330	1,220	191	92	144	208	358
15	264	282	2,700	394	754	342	1,340	180	90	168	1,200	346
16	269	270	2,850	384	725	504	1,110	172	84	137	2,590	366
17	296	266	2,620	372	738	749	767	164	81	105	3,060	388
18	268	268	1,920	370	716	749	552	153	80	320	3,140	555
19	242	287	1,190	413	674	598	451	148	82	346	2,560	983
20	232	606	822	473	620	493	402	151	86	202	931	1,040
21	221	1,120	669	433	572	434	370	144	86	126	433	731
22	211	1,000	579	392	527	395	346	136	82	92	421	494
23	202	641	530	372	489	370	323	132	75	80	581	382
24	195	480	538	365	457	350	301	126	66	78	467	327
25	191	417	589	361	440	338	283	122	63	76	331	278
26	196	382	588	368	427	332	272	112	88	76	262	244
27	191	357	528	373	426	328	303	130	118	79	219	225
28	207	346	483	395	448	327	377	137	160	102	191	231
29	487	370	456	397	452	323	365	151	169	607	175	318
30	1,140	391	444	421	---	317	310	140	137	497	330	395
31	1,000	---	433	504	---	313	---	126	---	519	1,690	---
TOTAL	9,388	12,687	29,380	12,731	22,553	12,740	13,959	9,729	3,323	5,306	25,875	24,191
MEAN	303	423	948	411	778	411	465	314	111	171	835	806
MAX	1,140	1,120	2,850	514	1,960	749	1,340	1,490	183	607	3,140	3,260
MIN	191	266	332	361	426	313	272	112	63	76	112	225
CFSM	0.58	0.80	1.80	0.78	1.48	0.78	0.88	0.60	0.21	0.33	1.59	1.53
IN.	0.66	0.90	2.08	0.90	1.60	0.90	0.99	0.69	0.24	0.38	1.83	1.71

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2004, BY WATER YEAR (WY)

MEAN	269	331	484	709	861	893	696	432	316	298	328	339
MAX	2,035	1,948	1,391	2,303	2,145	2,158	2,049	2,174	1,255	1,483	1,828	5,122
(WY)	(1930)	(1986)	(1935)	(1936)	(1960)	(1989)	(1987)	(1958)	(1938)	(1975)	(1940)	(1999)
MIN	14.0	26.0	46.0	60.4	198	248	170	103	27.0	38.0	26.8	14.2
(WY)	(1934)	(1934)	(1934)	(1934)	(1934)	(1981)	(1967)	(2002)	(2002)	(2002)	(1993)	(1980)

PAMLICO RIVER BASIN

02083000 FISHING CREEK NEAR ENFIELD, NC—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1927 - 2004	
ANNUAL TOTAL	290,894		181,862			
ANNUAL MEAN	797		497		495	
HIGHEST ANNUAL MEAN					871	1984
LOWEST ANNUAL MEAN					148	1981
HIGHEST DAILY MEAN	4,880	Sep 21	3,260	Sep 2	29,200	Sep 18, 1999
LOWEST DAILY MEAN	90	Aug 31	63	Jun 25	6.9	Oct 5, 1968
ANNUAL SEVEN-DAY MINIMUM	101	Sep 11	77	Jun 19	8.1	Sep 30, 1968
MAXIMUM PEAK FLOW			3,400	Sep 2	30,100	Sep 18, 1999
MAXIMUM PEAK STAGE			15.71	Sep 2	21.65	Sep 18, 1999
INSTANTANEOUS LOW FLOW			60	Jun 25		
ANNUAL RUNOFF (CFSM)	1.52		0.945		0.941	
ANNUAL RUNOFF (INCHES)	20.57		12.86		12.78	
10 PERCENT EXCEEDS	2,100		1,010		1,090	
50 PERCENT EXCEEDS	479		366		273	
90 PERCENT EXCEEDS	188		117		68	

e Estimated.

