

PAMLICO RIVER BASIN

02083000 FISHING CREEK NEAR ENFIELD, NC

LOCATION.--Lat 36°09'03", 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 mi².

PERIOD OF RECORD.--October 1923 to current year. Figures of daily discharge below 250 ft³/s, Oct 1, 1923, to July 3, 1924; below 350 ft³/s, May 30, 1925, to May 31, 1926; below 150 ft³/s, June 1 to Nov. 16, 1926; and below 100 ft³/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 74.26 ft above sea level. 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. 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 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	305	201	260	232	434	442	3250	291	223	111	250	60
2	276	201	270	231	428	425	3780	271	671	104	176	64
3	262	201	242	231	388	410	3630	259	599	93	135	64
4	251	202	233	217	369	451	2200	248	438	92	117	74
5	241	204	230	227	383	575	870	237	296	163	103	74
6	234	204	230	236	443	607	621	226	728	167	83	65
7	228	205	230	236	496	561	550	213	838	179	83	59
8	222	206	228	237	459	492	516	203	513	159	87	54
9	217	207	228	244	430	452	492	198	383	154	71	50
10	212	209	226	256	406	431	470	193	275	137	58	57
11	210	210	223	260	386	411	452	190	223	120	49	57
12	210	212	223	255	375	391	438	184	192	110	67	55
13	210	214	225	246	373	385	430	182	175	99	105	78
14	210	211	227	241	418	385	424	178	193	89	274	100
15	209	220	227	239	463	397	415	177	542	81	357	70
16	208	241	232	239	478	424	396	171	2590	73	384	52
17	208	244	345	241	564	459	376	165	3250	66	292	47
18	207	231	719	242	1010	447	374	178	2080	60	194	45
19	207	226	768	238	1240	413	407	200	702	54	159	43
20	208	231	512	269	929	375	401	210	432	51	150	42
21	207	240	402	552	615	784	367	209	311	50	151	40
22	207	251	355	703	516	1950	344	244	248	50	184	39
23	204	243	321	583	497	2400	327	272	212	52	158	38
24	201	231	297	500	490	2350	315	234	269	55	125	41
25	201	229	279	462	496	1180	397	200	227	52	108	87
26	202	265	254	440	494	578	537	230	192	52	101	109
27	203	399	244	425	497	486	538	425	168	412	95	110
28	203	427	255	401	470	453	451	311	151	637	107	108
29	204	336	254	383	---	500	378	241	137	481	88	86
30	203	281	251	378	---	1740	322	212	122	459	69	64
31	202	---	246	404	---	2700	---	197	---	395	64	---
TOTAL	6772	7182	9236	10048	14547	24054	24468	6949	17380	4857	4444	1932
MEAN	218	239	298	324	520	776	816	224	579	157	143	64.4
MAX	305	427	768	703	1240	2700	3780	425	3250	637	384	110
MIN	201	201	223	217	369	375	315	165	122	50	49	38
CFSM	.42	.46	.57	.62	.99	1.48	1.55	.43	1.10	.30	.27	.12
IN.	.48	.51	.65	.71	1.03	1.70	1.73	.49	1.23	.34	.31	.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2001, BY WATER YEAR (WY)

	271	330	476	720	866	899	690	430	318	304	320	321
MEAN	271	330	476	720	866	899	690	430	318	304	320	321
MAX	2035	1948	1391	2303	2145	2158	2049	2174	1255	1483	1828	5122
(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	128	70.6	42.8	26.8	14.2
(WY)	1934	1934	1934	1934	1934	1981	1967	1995	1986	1981	1993	1980

02083000 FISHING CREEK NEAR ENFIELD, NC--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1927 - 2001	
ANNUAL TOTAL	186056		131869		494	
ANNUAL MEAN	508		361		871	
HIGHEST ANNUAL MEAN					1984	
LOWEST ANNUAL MEAN					148	
HIGHEST DAILY MEAN	8210	Jul 27	3780	Apr 2	29200	Sep 18 1999
LOWEST DAILY MEAN	201	Oct 24	38	Sep 23	6.9	Oct 5 1968
ANNUAL SEVEN-DAY MINIMUM	202	Oct 29	41	Sep 18	8.1	Sep 30 1968
MAXIMUM PEAK FLOW			3900		30100	
MAXIMUM PEAK STAGE			15.67		21.65	
INSTANTANEOUS LOW FLOW			38		NOT DETERMINED	
ANNUAL RUNOFF (CFSM)	.97		.69		.94	
ANNUAL RUNOFF (INCHES)	13.16		9.33		12.75	
10 PERCENT EXCEEDS	809		551		1080	
50 PERCENT EXCEEDS	358		237		272	
90 PERCENT EXCEEDS	216		71		69	

