

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 NGVD of 1929. 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.--No estimated daily discharges. 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 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51	40	102	98	270	152	1770	141	49	15	18	4400
2	47	41	95	92	247	149	3240	135	45	18	22	4000
3	43	43	70	97	228	263	3790	131	41	20	23	3300
4	40	44	78	99	211	393	2190	126	38	20	22	2000
5	39	46	75	107	194	385	699	157	37	21	20	744
6	39	47	70	163	184	312	465	190	37	24	20	306
7	39	47	65	369	357	246	388	202	37	22	19	209
8	39	47	65	526	813	213	347	176	34	21	18	159
9	39	46	75	473	745	197	324	150	33	21	17	132
10	38	46	70	378	513	189	322	131	33	64	17	113
11	38	47	123	328	406	181	359	117	32	92	16	98
12	37	48	221	324	354	177	390	107	30	41	16	85
13	36	48	259	336	321	178	349	98	28	31	15	75
14	36	49	218	348	291	202	324	99	26	26	14	71
15	48	49	176	321	248	221	302	96	26	31	13	87
16	62	49	145	258	229	216	289	93	25	40	12	594
17	91	58	120	212	220	209	273	92	24	33	12	1380
18	106	67	118	184	214	269	247	88	22	28	13	545
19	87	36	116	201	200	480	223	85	22	27	14	292
20	66	49	133	976	187	542	234	80	21	26	14	190
21	51	50	135	1430	184	435	259	76	21	28	14	137
22	48	50	121	1190	185	406	270	73	20	53	14	113
23	46	51	109	749	182	377	232	68	20	53	15	93
24	44	61	112	753	178	322	202	66	19	38	16	80
25	43	92	109	829	172	270	187	64	17	77	17	73
26	41	115	105	702	166	233	182	60	16	56	18	70
27	39	129	109	552	159	330	190	59	16	54	625	71
28	39	124	105	434	155	864	183	57	14	74	1750	73
29	39	112	99	371	---	714	166	56	13	63	1270	70
30	40	105	96	336	---	445	152	54	13	43	1050	71
31	40	---	100	301	---	367	---	52	---	17	3160	---
TOTAL	1491	1836	3594	13537	7813	9937	18548	3179	809	1177	8284	19631
MEAN	48.10	61.20	115.9	436.7	279.0	320.5	618.3	102.5	26.97	37.97	267.2	654.4
MAX	106	129	259	1430	813	864	3790	202	49	92	3160	4400
MIN	36	36	65	92	155	149	152	52	13	15	12	70
CFSM	0.09	0.12	0.22	0.83	0.53	0.61	1.18	0.19	0.05	0.07	0.51	1.24
IN.	0.11	0.13	0.25	0.96	0.55	0.70	1.31	0.22	0.06	0.08	0.59	1.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2002, BY WATER YEAR (WY)

	MEAN	MAX	MIN	CFSM	IN.
1927	267.5	2035	14.0	0.09	0.11
1928	326.4	1948	26.0	0.12	0.13
1929	471.5	1391	46.0	0.22	0.25
1930	716.1	2303	60.4	0.83	0.96
1931	858.5	2145	198	0.53	0.55
1932	891.6	2158	248	0.61	0.70
1933	688.9	2049	170	1.18	1.31
1934	425.6	2174	103	0.19	0.22
1935	314.1	1255	27.0	0.05	0.06
1936	300.2	1483	38.0	0.07	0.08
1937	319.4	1828	26.8	0.51	0.59
1938	325.3	5122	14.2	1.24	1.39
1939		1999			
1940		1999			
1941		1999			
1942		1999			
1943		1999			
1944		1999			
1945		1999			
1946		1999			
1947		1999			
1948		1999			
1949		1999			
1950		1999			
1951		1999			
1952		1999			
1953		1999			
1954		1999			
1955		1999			
1956		1999			
1957		1999			
1958		1999			
1959		1999			
1960		1999			
1961		1999			
1962		1999			
1963		1999			
1964		1999			
1965		1999			
1966		1999			
1967		1999			
1968		1999			
1969		1999			
1970		1999			
1971		1999			
1972		1999			
1973		1999			
1974		1999			
1975		1999			
1976		1999			
1977		1999			
1978		1999			
1979		1999			
1980		1999			
1981		1999			
1982		1999			
1983		1999			
1984		1999			
1985		1999			
1986		1999			
1987		1999			
1988		1999			
1989		1999			
1990		1999			
1991		1999			
1992		1999			
1993		1999			
1994		1999			
1995		1999			
1996		1999			
1997		1999			
1998		1999			
1999		1999			
2000		1999			
2001		1999			
2002		1999			

02083000 FISHING CREEK NEAR ENFIELD, NC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1927 - 2002	
ANNUAL TOTAL	115600		89836		490.4	
ANNUAL MEAN	316.7		246.1		871	1984
HIGHEST ANNUAL MEAN					148	1981
LOWEST ANNUAL MEAN					29200	Sep 18 1999
HIGHEST DAILY MEAN	3780	Apr 2	4400	Sep 1	6.9	Oct 5 1968
LOWEST DAILY MEAN	36	Oct 13	12	Aug 16	8.1	Sep 30 1968
ANNUAL SEVEN-DAY MINIMUM	38	Oct 8	13	Aug 14	30100	Sep 18 1999
MAXIMUM PEAK FLOW			4500	Sep 1	21.65	Sep 18 1999
MAXIMUM PEAK STAGE			16.57	Sep 1	NOT DETERMINED	
INSTANTANEOUS LOW FLOW			10	Aug 16		
ANNUAL RUNOFF (CFSM)	0.60		0.47		0.93	
ANNUAL RUNOFF (INCHES)	8.18		6.35		12.67	
10 PERCENT EXCEEDS	540		453		1070	
50 PERCENT EXCEEDS	190		97		269	
90 PERCENT EXCEEDS	47		20		67	

