

02083000 FISHING CREEK NEAR ENFIELD, NC

Pamlico Basin
Fishing Subbasin

LOCATION.--Lat 36°09'02", long 77°41'35" referenced to North American Datum of 1983, Edgecombe County, NC, 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.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1923 to current year. Figures of daily discharge below 250 ft³/s, October 1, 1923, to July 3, 1924; below 350 ft³/s, May 30, 1925, to May 31, 1926; below 150 ft³/s, June 1 to November 16, 1926; and below 100 ft³/s, November 17, 1926, to September 30, 1928, as 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 April 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 North American Vertical Datum of 1988. Prior to October 28, 1932, nonrecording gage at same site at datum 76.26. October 29, 1932 to September 30, 1992, at same site at datum 76.26 ft. Satellite telemetry and National Weather Service telephone 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 April 19, 1910, reached a stage of 20.1 ft, (from floodmarks of Seaboard Coast Line Railroad Co.) at site 2,000 ft upstream at datum 76.26 ft. Flood of July 24, 1919, reached a stage of 19.6 ft at datum 76.26 ft; discharge, 20,300 ft³/s.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.0	83	28	1,010	125	212	294	1,180	116	25	73	123
2	4.0	59	30	932	473	189	624	618	104	70	65	83
3	4.0	50	30	532	586	173	623	423	93	103	52	60
4	4.0	45	29	308	441	162	461	332	83	68	50	51
5	3.9	39	29	219	312	392	709	274	77	56	48	48
6	3.5	35	30	175	248	751	1,530	227	72	117	44	49
7	3.0	30	31	151	213	775	1,540	198	67	238	42	213
8	2.6	27	32	137	191	1,730	963	178	64	274	38	1,030
9	2.6	24	33	128	175	1,990	611	205	60	204	35	629
10	2.5	22	35	119	152	1,600	465	222	56	134	34	297
11	2.3	19	33	111	127	889	385	209	52	101	32	180
12	2.0	17	35	105	116	526	336	330	49	94	29	140
13	1.9	17	36	101	121	398	304	340	45	89	28	119
14	1.7	16	37	97	192	332	280	294	41	74	27	98
15	1.7	16	38	92	292	293	256	224	37	66	24	82
16	1.7	14	49	86	295	357	229	191	35	61	23	71
17	1.7	13	58	86	251	624	210	193	34	74	22	64
18	1.5	13	134	95	245	597	196	241	32	70	20	59
19	1.8	16	138	126	285	437	187	247	34	66	23	60
20	2.1	20	103	199	255	353	525	247	36	56	28	60
21	2.3	20	82	209	223	302	1,670	252	36	53	28	54
22	2.2	21	68	193	214	273	1,190	217	35	50	28	51
23	2.3	23	61	171	246	241	919	185	34	47	27	47
24	2.5	23	65	158	340	217	648	159	30	45	26	45
25	4.3	24	61	148	391	198	458	139	28	44	22	45
26	6.3	25	83	137	337	184	349	125	26	49	18	44
27	26	25	186	126	297	177	288	115	23	59	18	42
28	46	25	308	117	279	168	383	111	21	110	18	56
29	112	25	291	112	246	164	1,500	113	20	90	17	181
30	172	26	233	106	---	171	1,860	121	23	76	18	176
31	130	---	471	102	---	204	---	128	---	73	54	---
Total	558.4	812	2,877	6,388	7,668	15,079	19,993	8,038	1,463	2,736	1,011	4,257
Mean	18.0	27.1	92.8	206	264	486	666	259	48.8	88.3	32.6	142
Max	172	83	471	1,010	586	1,990	1,860	1,180	116	274	73	1,030
Min	1.5	13	28	86	116	162	187	111	20	25	17	42
Cfsm	0.03	0.05	0.18	0.39	0.50	0.92	1.27	0.49	0.09	0.17	0.06	0.27
In.	0.04	0.06	0.20	0.45	0.54	1.07	1.41	0.57	0.10	0.19	0.07	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	267	344	485	699	839	879	686	425	319	299	315	331
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	238	170	103	27.0	38.0	21.9	8.43
(WY)	(1934)	(1934)	(1934)	(1934)	(1934)	(2006)	(1967)	(2002)	(2002)	(2002)	(2007)	(2007)

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SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1927 - 2008	
Annual total	89,518.1		70,880.4			
Annual mean	245		194		489	
Highest annual mean					871	1984
Lowest annual mean					148	1981
Highest daily mean	2,020	Apr 17	1,990	Mar 9	29,200	Sep 18, 1999
Lowest daily mean	1.5	Oct 18	1.5	Oct 18	1.5	Oct 18, 2007
Annual seven-day minimum	1.7	Oct 13	1.7	Oct 13	1.7	Oct 13, 2007
Maximum peak flow			2,020	Mar 9	30,100	Sep 18, 1999
Maximum peak stage			12.22	Mar 9	21.65	Sep 18, 1999
Instantaneous low flow			1.4	Oct 18	1.4	Oct 18, 2007
Annual runoff (cfs)	0.466		0.368		0.930	
Annual runoff (inches)	6.33		5.01		12.63	
10 percent exceeds	595		446		1,070	
50 percent exceeds	75		92		271	
90 percent exceeds	5.4		18		65	

