

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 at streamgage.

REMARKS.--Records good 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 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 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	39	25	186	452	552	336	2,040	142	354	24	20	8.7
2	39	29	188	469	530	320	780	134	228	22	21	8.6
3	39	49	488	417	661	415	525	124	176	21	22	6.8
4	37	175	1,390	355	1,070	597	436	121	149	20	22	5.1
5	34	133	2,420	e315	1,200	533	384	116	204	20	22	3.2
6	32	95	3,120	e305	2,730	426	345	114	165	19	22	3.5
7	29	72	1,850	e300	3,880	364	316	107	139	16	21	3.2
8	26	58	695	e295	4,160	331	293	100	117	13	23	2.2
9	24	50	1,040	e288	3,900	313	427	92	99	13	25	1.5
10	23	45	1,760	e280	1,960	302	611	83	90	21	25	e1.4
11	23	74	1,580	e275	1,120	305	540	77	84	21	24	e1.0
12	21	804	1,040	e270	846	374	394	74	79	20	23	e0.80
13	18	1,980	593	e260	685	527	319	73	96	20	22	e1.0
14	19	2,190	497	e258	617	596	275	70	111	19	20	2.0
15	19	1,860	621	e252	575	601	255	70	99	20	18	2.2
16	18	1,240	574	245	531	534	244	71	95	23	16	e1.5
17	18	542	460	377	491	442	238	78	86	28	15	e0.78
18	19	315	373	1,460	452	382	224	837	81	27	13	e0.80
19	19	264	423	1,770	418	342	205	1,240	81	27	9.5	e0.82
20	19	269	864	1,120	391	314	192	783	86	28	10	e0.78
21	23	312	1,080	673	369	292	187	434	80	28	7.4	e0.50
22	24	275	807	1,120	360	293	196	266	73	29	6.2	e0.21
23	24	243	558	1,620	399	356	211	194	65	30	8.8	e0.33
24	24	254	439	1,320	442	460	210	191	57	29	10	0.48
25	24	311	397	1,410	451	384	205	239	51	27	11	0.62
26	22	361	751	2,240	440	329	215	261	43	24	10	1.5
27	21	315	1,210	2,120	406	307	222	230	36	22	9.2	9.6
28	21	253	1,040	1,450	363	302	201	188	35	20	11	16
29	20	218	678	764	---	1,770	175	269	33	20	10	31
30	20	196	484	574	---	3,720	157	505	30	20	11	287
31	20	---	421	563	---	3,590	---	527	---	19	9.1	---
Total	758	13,007	28,027	23,617	29,999	20,157	11,022	7,810	3,122	690	497.2	403.12
Mean	24.5	434	904	762	1,071	650	367	252	104	22.3	16.0	13.4
Max	39	2,190	3,120	2,240	4,160	3,720	2,040	1,240	354	30	25	287
Min	18	25	186	245	360	292	157	70	30	13	6.2	0.21
Cfsm	0.05	0.82	1.72	1.45	2.04	1.24	0.70	0.48	0.20	0.04	0.03	0.03
In.	0.05	0.92	1.98	1.67	2.12	1.43	0.78	0.55	0.22	0.05	0.04	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2010, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	262	342	488	695	834	881	678	420	314	293	308	324
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	176	238	170	103	27.0	22.3	16.0	8.43
(WY)	(1934)	(1934)	(1934)	(1934)	(2009)	(2006)	(1967)	(2002)	(2002)	(2010)	(2010)	(2007)

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SUMMARY STATISTICS

	Calendar Year 2009		Water Year 2010		Water Years 1927 - 2010	
Annual total	117,028		139,109.32			
Annual mean	321		381		485	
Highest annual mean					871	1984
Lowest annual mean					148	1981
Highest daily mean	3,140	Mar 30	4,160	Feb 8	29,200	Sep 18, 1999
Lowest daily mean	18	Oct 13	0.21	Sep 22	0.21	Sep 22, 2010
Annual seven-day minimum	19	Oct 13	0.53	Sep 19	0.53	Sep 19, 2010
Maximum peak flow			4,230	Feb 8	30,100	Sep 18, 1999
Maximum peak stage			15.87	Feb 8	21.65	Sep 18, 1999
Instantaneous low flow			Not Determined		Not Determined	
Annual runoff (cfsm)	0.610		0.725		0.922	
Annual runoff (inches)	8.28		9.84		12.52	
10 percent exceeds	805		1,040		1,070	
50 percent exceeds	152		188		268	
90 percent exceeds	24		10		62	

