

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 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	202	344	541	528	396	462	542	228	80	47	29	16
2	191	276	647	565	434	955	457	208	78	46	30	18
3	159	240	626	666	494	1,630	410	193	82	45	36	19
4	138	218	602	591	517	1,110	370	182	144	41	47	18
5	122	198	628	523	456	713	336	180	474	38	46	16
6	125	187	591	783	403	546	306	199	344	35	41	14
7	378	190	516	1,680	371	468	288	210	239	31	37	14
8	861	468	467	1,690	363	423	285	192	196	28	35	12
9	811	1,220	423	1,370	362	393	286	188	155	26	32	9.6
10	582	1,190	392	1,020	347	374	275	223	125	25	29	8.6
11	403	799	378	762	338	369	268	255	107	29	29	7.7
12	299	686	372	619	327	355	347	249	91	33	27	7.3
13	232	2,030	365	550	327	340	817	224	86	40	25	5.3
14	194	2,470	362	518	816	331	666	214	80	109	22	4.1
15	168	2,330	358	496	1,460	326	601	206	75	83	20	4.2
16	148	2,110	354	479	1,080	363	1,520	185	71	62	18	4.7
17	139	3,630	343	458	707	995	2,020	180	70	60	16	4.7
18	157	4,110	331	426	561	1,650	1,740	171	68	75	15	5.3
19	221	4,170	323	440	489	1,470	1,000	179	70	83	17	5.5
20	289	3,000	316	484	442	874	571	200	69	62	17	5.9
21	270	1,120	307	466	417	573	457	189	68	56	14	5.9
22	253	1,200	304	1,000	486	483	398	162	64	47	12	6.3
23	230	2,590	504	1,570	583	433	352	144	60	42	9.3	6.4
24	214	2,920	943	1,210	496	406	318	129	57	40	8.8	6.2
25	202	2,820	922	828	425	389	292	118	54	36	7.6	5.8
26	185	1,820	2,470	647	507	368	274	109	49	35	7.1	5.3
27	171	915	2,470	552	601	345	266	102	46	33	7.1	4.7
28	341	691	1,690	504	543	354	287	97	43	30	9.8	4.5
29	660	606	948	474	---	1,260	288	92	43	28	12	4.0
30	646	551	674	437	---	1,060	256	89	45	26	12	4.0
31	463	---	571	407	---	724	---	84	---	27	12	---
Total	9,454	45,099	20,738	22,743	14,748	20,542	16,293	5,381	3,233	1,398	679.7	253.0
Mean	305	1,503	669	734	527	663	543	174	108	45.1	21.9	8.43
Max	861	4,170	2,470	1,690	1,460	1,650	2,020	255	474	109	47	19
Min	122	187	304	407	327	326	256	84	43	25	7.1	4.0
Cfsm	0.58	2.86	1.27	1.39	1.00	1.26	1.03	0.33	0.20	0.09	0.04	0.02
In.	0.67	3.19	1.47	1.61	1.04	1.45	1.15	0.38	0.23	0.10	0.05	0.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	270	347	490	705	847	884	686	427	322	302	319	333
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 2006		Water Year 2007		Water Years 1927 - 2007	
Annual total	203,666		160,561.7			
Annual mean	558		440		493	
Highest annual mean					871	1984
Lowest annual mean					148	1981
Highest daily mean	6,660	Jun 16	4,170	Nov 19	29,200	Sep 18, 1999
Lowest daily mean	31	Aug 30	4.0	Sep 29	4.0	Sep 29, 2007
Annual seven-day minimum	35	Aug 25	4.8	Sep 13	4.8	Sep 13, 2007
Maximum peak flow			4,220	Nov 19	30,100	Sep 18, 1999
Maximum peak stage			15.89	Nov 19	21.65	Sep 18, 1999
Instantaneous low flow			3.4	Sep 14	3.4	Sep 14, 2007
Annual runoff (cfsm)	1.06		0.836		0.937	
Annual runoff (inches)	14.40		11.36		12.73	
10 percent exceeds	1,380		1,010		1,080	
50 percent exceeds	283		285		274	
90 percent exceeds	110		15		67	

