

Water-Data Report 2007

**02082950 LITTLE FISHING CREEK NEAR WHITE OAK, NC**

Pamlico Basin  
Fishing Subbasin

LOCATION.--Lat 36°11'00", long 77°52'34" referenced to North American Datum of 1983, Halifax County, NC, Hydrologic Unit 03020102, on right bank 8 ft downstream of bridge on Secondary Road 1338, 1.1 mi west of White Oak, 1.8 mi upstream from Powells Creek, 4.3 mi upstream from mouth, and 12 mi west of Enfield.

DRAINAGE AREA.--177 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1959 to current year.

REVISED RECORDS.--WSP 1723: 1960(M). WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 115.44 ft above NAVD of 1988. February 14, 1962, to April 23, 1979, auxiliary nonrecording gage 3.6 mi downstream. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum discharge for period of record, from rating curve extended above 6,900 ft<sup>3</sup>/s on basis of slope-conveyance study of peak flow. Maximum gage height for period of record, from flood marks.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in July 1959 reached a stage of 19.3 ft, from flood marks; discharge not determined.

## 02082950 LITTLE FISHING CREEK NEAR WHITE OAK, NC—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e51	106	143	160	125	117	127	76	18	19	22	1.8
2	e46	93	160	213	141	373	119	69	17	16	40	1.8
3	e41	83	140	203	169	377	111	62	34	14	22	1.6
4	e35	e75	154	168	154	233	102	60	231	12	13	1.4
5	31	e70	175	155	134	176	94	70	213	11	9.2	1.2
6	42	69	139	511	121	151	85	80	118	9.8	7.3	1.1
7	345	79	126	735	118	138	83	73	88	8.8	6.2	0.95
8	335	357	115	437	121	132	89	64	63	8.8	5.6	0.79
9	254	e445	102	366	115	125	86	66	47	8.0	5.0	0.76
10	171	302	98	267	111	121	83	85	41	7.4	4.9	0.77
11	122	191	98	204	108	119	82	92	32	7.6	4.7	0.71
12	93	389	96	179	105	115	241	82	28	23	4.2	0.60
13	75	922	94	168	108	110	274	76	25	34	3.8	0.52
14	61	918	93	161	454	109	174	79	23	25	4.9	0.60
15	53	344	93	155	500	109	267	67	24	20	4.5	1.9
16	48	725	90	151	265	144	764	55	26	16	4.0	2.1
17	49	1,580	86	141	184	551	617	52	29	13	3.7	1.4
18	78	1,730	83	131	159	509	243	54	34	45	3.2	1.1
19	115	704	82	149	142	235	178	65	31	30	2.9	0.87
20	104	264	80	153	130	177	151	72	25	21	2.7	0.88
21	98	203	76	138	128	154	136	57	22	15	2.5	0.94
22	83	588	78	425	150	139	123	49	19	12	2.3	0.94
23	79	1,020	303	414	144	133	111	42	18	9.6	2.1	0.92
24	78	973	305	272	120	128	102	38	16	8.0	2.2	0.87
25	69	386	389	202	114	122	95	34	15	6.8	2.2	0.78
26	61	247	857	174	160	113	90	31	13	6.1	2.3	0.69
27	60	192	618	157	159	108	88	28	13	5.5	2.8	0.65
28	193	165	298	151	133	111	100	27	20	5.0	2.5	0.55
29	258	149	210	142	---	188	93	24	38	11	2.1	0.46
30	184	137	178	131	---	195	84	22	26	11	1.8	0.40
31	133	---	163	127	---	147	---	20	---	11	1.6	---
<b>Total</b>	3,445	13,506	5,722	7,140	4,572	5,659	4,992	1,771	1,347	450.4	198.2	30.05
<b>Mean</b>	111	450	185	230	163	183	166	57.1	44.9	14.5	6.39	1.00
<b>Max</b>	345	1,730	857	735	500	551	764	92	231	45	40	2.1
<b>Min</b>	31	69	76	127	105	108	82	20	13	5.0	1.6	0.40
<b>Cfsm</b>	0.63	2.54	1.04	1.30	0.92	1.03	0.94	0.32	0.25	0.08	0.04	0.01
<b>In.</b>	0.72	2.84	1.20	1.50	0.96	1.19	1.05	0.37	0.28	0.09	0.04	0.01

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	103	127	163	247	313	327	227	135	103	89.3	80.9	110
<b>Max</b>	982	860	482	570	742	873	720	550	302	602	330	1,947
<b>(WY)</b>	(1973)	(1986)	(1973)	(1962)	(1984)	(1998)	(1987)	(1984)	(2006)	(1975)	(1967)	(1999)
<b>Min</b>	3.78	10.2	23.6	37.6	83.4	65.7	56.8	34.2	5.24	2.42	4.21	1.00
<b>(WY)</b>	(1971)	(1999)	(2002)	(1981)	(1991)	(2006)	(1967)	(2002)	(2002)	(2002)	(1993)	(2007)

02082950 LITTLE FISHING CREEK NEAR WHITE OAK, NC—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1960 - 2007	
<b>Annual total</b>	61,576.9		48,832.65			
<b>Annual mean</b>	169		134		168	
<b>Highest annual mean</b>					327	1973
<b>Lowest annual mean</b>					47.2	1981
<b>Highest daily mean</b>	2,800	Jun 15	1,730	Nov 18	20,000	Sep 17, 1999
<b>Lowest daily mean</b>	8.8	Aug 29	0.40	Sep 30	0.40	Sep 30, 2007
<b>Annual seven-day minimum</b>	10	Aug 24	0.63	Sep 24	0.55	Aug 9, 2002
<b>Maximum peak flow</b>			1,800	Nov 18	<sup>a</sup> 31,000	Sep 16, 1999
<b>Maximum peak stage</b>			12.87	Nov 18	<sup>a</sup> 30.80	Sep 16, 1999
<b>Instantaneous low flow</b>			0.32	Sep 30	0.32	Sep 30, 2007
<b>Annual runoff (cfsm)</b>	0.953		0.756		0.949	
<b>Annual runoff (inches)</b>	12.94		10.26		12.89	
<b>10 percent exceeds</b>	337		300		355	
<b>50 percent exceeds</b>	83		86		80	
<b>90 percent exceeds</b>	26		2.3		14	

<sup>a</sup> See Remarks.

