

## 02082950 LITTLE FISHING CREEK NEAR WHITE OAK, NC

LOCATION.--Lat 36°11'00", long 77°52'34", Halifax County, 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>.

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. Feb. 14, 1962, to Apr. 23, 1979, auxiliary nonrecording gage 3.6 mi downstream. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. 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. Minimum discharge for current water year also occurred June 24.

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

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	91	178	112	146	188	136	149	79	37	35	120	1,450
2	83	130	100	141	159	133	227	133	33	29	77	409
3	78	107	91	140	244	144	178	503	28	26	595	164
4	73	94	88	139	452	158	141	701	26	134	431	109
5	70	88	198	142	338	144	119	382	35	59	426	86
6	66	86	424	181	259	138	104	197	52	37	168	79
7	63	104	302	179	625	136	96	146	46	28	82	166
8	62	178	199	149	916	135	94	113	40	28	49	178
9	68	131	160	140	606	136	92	94	37	34	37	557
10	84	111	159	144	301	125	88	83	34	22	29	962
11	91	99	694	135	250	121	85	75	31	19	26	431
12	93	92	813	126	245	114	94	66	26	17	23	180
13	86	91	487	134	363	108	287	62	23	16	29	123
14	77	86	802	137	311	103	538	57	22	16	201	99
15	83	78	1,360	133	256	106	496	52	21	19	886	97
16	103	76	1,180	128	264	180	379	49	21	18	1,500	110
17	87	78	512	120	259	287	240	45	23	16	1,500	118
18	75	79	390	131	250	228	177	43	26	25	910	309
19	72	97	323	186	235	177	148	42	25	18	229	421
20	70	456	265	168	217	151	129	41	22	17	150	309
21	67	510	221	140	200	134	116	38	18	16	111	189
22	65	275	198	128	183	125	104	38	16	15	173	133
23	62	178	187	126	166	113	94	35	15	16	140	105
24	58	142	201	123	158	106	88	33	33	15	91	88
25	54	124	224	120	153	103	82	30	80	19	69	78
26	54	111	200	119	146	100	80	29	54	21	58	70
27	65	101	179	131	143	100	128	33	74	30	50	66
28	84	101	167	133	152	100	139	45	79	92	45	80
29	348	115	159	137	144	98	101	40	55	78	41	134
30	480	127	156	156	---	95	84	32	44	190	224	143
31	282	---	153	210	---	96	---	32	---	149	655	---
TOTAL	3,194	4,223	10,704	4,422	8,183	4,130	4,877	3,348	1,076	1,254	9,125	7,443
MEAN	103	141	345	143	282	133	163	108	35.9	40.5	294	248
MAX	480	510	1,360	210	916	287	538	701	80	190	1,500	1,450
MIN	54	76	88	119	143	95	80	29	15	15	23	66
CFSM	0.58	0.80	1.95	0.81	1.59	0.75	0.92	0.61	0.20	0.23	1.66	1.40
IN.	0.67	0.89	2.25	0.93	1.72	0.87	1.02	0.70	0.23	0.26	1.92	1.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2004, BY WATER YEAR (WY)

MEAN	102	119	159	250	324	335	234	138	99.7	87.4	84.9	112
MAX	982	860	482	570	742	873	720	550	300	602	330	1,947
(WY)	(1973)	(1986)	(1973)	(1962)	(1984)	(1998)	(1987)	(1984)	(1965)	(1975)	(1967)	(1999)
MIN	3.78	10.2	23.6	37.6	83.4	83.0	56.8	34.2	5.24	2.42	4.21	2.34
(WY)	(1971)	(1999)	(2002)	(1981)	(1991)	(1981)	(1967)	(2002)	(2002)	(2002)	(1993)	(1980)

02082950 LITTLE FISHING CREEK NEAR WHITE OAK, NC—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1960 - 2004	
ANNUAL TOTAL	108,838		61,979		169	
ANNUAL MEAN	298		169		327	
HIGHEST ANNUAL MEAN					47.2	
LOWEST ANNUAL MEAN					1981	
HIGHEST DAILY MEAN	3,640	Sep 20	1,500	Aug 16	20,000	Sep 17, 1999
LOWEST DAILY MEAN	38	Aug 31	15	Jun 23	0.51	Aug 15, 2002
ANNUAL SEVEN-DAY MINIMUM	46	Sep 11	17	Jul 19	0.55	Aug 9, 2002
MAXIMUM PEAK FLOW			1,760	Sep 1	31,000*	Sep 16, 1999
MAXIMUM PEAK STAGE			12.71	Sep 1	30.80*	Sep 16, 1999
INSTANTANEOUS LOW FLOW			14*	Jul 22	0.50	Aug 14, 2002
ANNUAL RUNOFF (CFSM)	1.68		0.957		0.958	
ANNUAL RUNOFF (INCHES)	22.87		13.03		13.01	
10 PERCENT EXCEEDS	682		368		357	
50 PERCENT EXCEEDS	160		112		80	
90 PERCENT EXCEEDS	63		29		15	

\* See REMARKS.

