

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 mi².

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 ft³/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 Sept. 11.

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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	118	97	211	168	290	689	245	105	52	29	59	8.1
2	99	90	189	158	215	489	283	125	57	25	74	7.5
3	97	86	169	150	196	271	439	109	103	22	52	6.9
4	114	115	151	146	319	208	318	90	127	20	40	6.2
5	101	333	138	145	326	186	226	79	105	18	33	5.4
6	89	284	130	142	247	178	193	173	84	17	28	4.9
7	77	180	145	139	205	168	177	403	70	15	25	4.4
8	68	137	174	134	187	408	200	256	622	16	25	4.2
9	62	116	156	134	178	795	236	155	620	18	24	4.1
10	59	101	401	128	176	534	201	112	172	22	23	4.6
11	57	94	830	124	173	286	171	92	111	16	23	4.0
12	53	109	679	122	157	286	153	81	84	14	24	4.3
13	79	728	337	124	147	280	167	127	68	13	28	4.2
14	362	991	247	563	142	219	212	141	58	33	21	5.2
15	402	441	203	1,080	145	194	186	101	50	16	18	6.0
16	282	228	180	653	147	184	153	169	43	14	17	6.9
17	167	183	170	306	146	509	134	103	37	13	285	6.4
18	120	160	167	228	138	755	125	78	31	11	68	6.7
19	99	147	164	187	127	543	121	109	29	90	38	6.7
20	479	138	162	176	121	326	116	423	28	313	29	6.3
21	1,780	132	153	197	124	265	111	289	26	189	24	14
22	995	127	149	207	134	222	103	163	24	161	21	9.1
23	263	151	164	195	132	245	101	112	23	76	18	11
24	186	346	236	172	151	338	116	88	21	71	17	7.8
25	161	331	244	170	251	285	104	112	19	46	15	6.3
26	143	227	193	176	207	222	94	142	18	35	14	5.3
27	129	171	180	182	166	198	91	107	17	29	13	5.4
28	118	333	162	163	374	425	88	84	18	25	11	5.1
29	110	466	158	139	---	997	83	71	22	52	10	4.9
30	105	308	180	254	---	714	90	62	29	131	9.6	4.9
31	102	---	184	402	---	313	---	56	---	64	8.8	---
TOTAL	7,076	7,350	7,006	7,264	5,321	11,732	5,037	4,317	2,768	1,614	1,095.4	186.8
MEAN	228	245	226	234	190	378	168	139	92.3	52.1	35.3	6.23
MAX	1,780	991	830	1,080	374	997	439	423	622	313	285	14
MIN	53	86	130	122	121	168	83	56	17	11	8.8	4.0
CFSM	1.29	1.38	1.28	1.32	1.07	2.14	0.95	0.79	0.52	0.29	0.20	0.04
IN.	1.49	1.54	1.47	1.53	1.12	2.47	1.06	0.91	0.58	0.34	0.23	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2005, BY WATER YEAR (WY)

MEAN	104	122	160	250	321	336	232	138	99.6	86.6	83.8	110
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)

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1960 - 2005	
ANNUAL TOTAL	65,290		60,767.2		169	
ANNUAL MEAN	178		166		47.2	
HIGHEST ANNUAL MEAN					327	1973
LOWEST ANNUAL MEAN					47.2	1981
HIGHEST DAILY MEAN	1,780	Oct 21	1,780	Oct 21	20,000	Sep 17, 1999
LOWEST DAILY MEAN	15	Jun 23	4.0	Sep 11	0.51	Aug 15, 2002
ANNUAL SEVEN-DAY MINIMUM	17	Jul 19	4.3	Sep 7	0.55	Aug 9, 2002
MAXIMUM PEAK FLOW			1,940	Oct 21	31,000*	Sep 16, 1999
MAXIMUM PEAK STAGE			13.39	Oct 21	30.80*	Sep 16, 1999
INSTANTANEOUS LOW FLOW			3.8*	Sep 10	0.50	Aug 14, 2002
ANNUAL RUNOFF (CFSM)	1.01		0.941		0.957	
ANNUAL RUNOFF (INCHES)	13.72		12.77		13.01	
10 PERCENT EXCEEDS	362		335		357	
50 PERCENT EXCEEDS	129		128		80	
90 PERCENT EXCEEDS	29		13		15	

* See REMARKS.

