

PAMLICO RIVER BASIN

02082950 LITTLE FISHING CREEK NEAR WHITE OAK, NC

LOCATION.--Lat 36°11'08", 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 116.44 ft above sea level. Feb. 14, 1962, to Apr. 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 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. 23.

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 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	118	51	72	e70	89	123	1250	72	60	27	37	15
2	106	51	66	e68	77	112	1070	67	183	25	29	16
3	98	52	62	e72	70	107	723	64	149	23	23	16
4	88	52	61	e78	65	160	382	59	86	23	20	16
5	81	53	62	e74	75	263	272	55	57	32	18	15
6	76	55	61	e68	143	271	218	51	572	42	17	15
7	71	55	61	e67	116	191	189	47	198	37	16	14
8	66	55	60	e68	92	146	171	45	161	29	14	12
9	61	57	59	82	81	124	153	44	87	26	13	12
10	59	61	56	86	76	110	138	43	58	25	12	14
11	59	63	58	75	75	100	123	42	46	24	16	16
12	58	63	62	69	69	93	114	40	41	22	30	14
13	57	57	60	67	80	95	111	39	41	20	54	24
14	57	62	59	65	115	104	107	37	47	18	49	17
15	56	84	61	67	131	99	101	34	306	17	99	13
16	55	88	93	69	124	134	94	33	1100	15	59	12
17	54	76	210	67	384	145	89	35	764	15	45	11
18	55	71	478	65	712	118	104	40	348	14	36	10
19	57	69	264	72	537	98	115	43	164	13	36	9.6
20	57	79	160	128	238	88	97	42	102	17	36	9.4
21	54	91	138	291	180	833	87	40	77	20	35	8.9
22	52	84	114	201	154	1280	81	65	64	18	35	8.5
23	51	75	103	129	159	1030	75	65	57	16	27	8.5
24	51	70	89	104	178	339	71	50	87	15	25	13
25	51	73	81	92	177	210	136	40	53	14	26	23
26	52	150	e79	82	190	166	241	49	46	13	26	22
27	53	208	e78	76	174	139	168	48	40	40	23	21
28	54	134	e76	73	141	121	116	47	37	88	20	17
29	54	99	e74	68	---	338	93	44	33	68	17	14
30	53	81	e73	70	---	1360	80	42	30	55	16	12
31	52	---	e71	89	---	1620	---	38	---	47	16	---
TOTAL	1966	2319	3101	2752	4702	10117	6769	1460	5094	858	925	428.9
MEAN	63.4	77.3	100	88.8	168	326	226	47.1	170	27.7	29.8	14.3
MAX	118	208	478	291	712	1620	1250	72	1100	88	99	24
MIN	51	51	56	65	65	88	71	33	30	13	12	8.5
CFSM	.36	.44	.57	.50	.95	1.84	1.27	.27	.96	.16	.17	.08
IN.	.41	.49	.65	.58	.99	2.13	1.42	.31	1.07	.18	.19	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2001, BY WATER YEAR (WY)

MEAN	104	119	153	257	327	339	227	136	100	90.1	77.2	103
MAX	982	860	482	570	742	873	720	550	300	602	330	1947
(WY)	1973	1986	1973	1962	1984	1998	1987	1984	1965	1975	1967	1999
MIN	3.78	10.2	24.9	37.6	83.4	83.0	56.8	35.7	15.1	9.58	4.21	2.34
(WY)	1971	1999	1995	1981	1991	1981	1967	1995	1986	1981	1993	1980

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1960 - 2001	
ANNUAL TOTAL	70754		40491.9			
ANNUAL MEAN	193		111		169	
HIGHEST ANNUAL MEAN					327	
LOWEST ANNUAL MEAN					47.2	
HIGHEST DAILY MEAN	4460		1620		20000	
LOWEST DAILY MEAN	22		8.5		.78	
ANNUAL SEVEN-DAY MINIMUM	25		9.4		1.1	
MAXIMUM PEAK FLOW			1680		31000*	
MAXIMUM PEAK STAGE			12.38		30.80*	
INSTANTANEOUS LOW FLOW			8.4*		.72	
ANNUAL RUNOFF (CFSM)	1.09		.63		.95	
ANNUAL RUNOFF (INCHES)	14.87		8.51		12.95	
10 PERCENT EXCEEDS	397		185		356	
50 PERCENT EXCEEDS	109		65		79	
90 PERCENT EXCEEDS	44		16		15	

e Estimated.
* See REMARKS.

02082950 LITTLE FISHING CREEK NEAR WHITE OAK, NC--Continued

