

02083000 FISHING CREEK NEAR ENFIELD, NC

LOCATION.--Lat 36°09'02", long 77°41'35", Edgecombe County, 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.

PERIOD OF RECORD.--October 1923 to current year. Figures of daily discharge below 250 ft³/s, Oct 1, 1923, to July 3, 1924; below 350 ft³/s, May 30, 1925, to May 31, 1926; below 150 ft³/s, June 1 to Nov. 16, 1926; and below 100 ft³/s, Nov. 17, 1926, to Sept. 30, 1928; 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 Apr. 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 NAVD of 1988. Prior to Oct. 28, 1932, nonrecording gage and Oct. 29, 1932, to Sept. 30, 1992, at same site at datum 76.26 ft. National Weather Service telephone telemetry at station. Satellite telemetry at station.

REMARKS.--Records fair. Slight diurnal fluctuation and some regulation at low flow caused by upstream mills.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Apr. 19, 1910, reached a stage of 20.1 ft, at datum 76.26 ft (from floodmarks of Seaboard Coast Line Railroad Co.) at site 2,000 ft upstream. Flood of July 24, 1919, reached a stage of 19.6 ft at datum 76.26 ft; discharge, 20,300 ft³/s.

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	385	263	813	474	923	1,420	940	299	208	154	199	48
2	341	258	642	439	707	1,520	803	329	211	143	180	43
3	306	250	561	413	585	1,040	1,110	356	242	128	194	39
4	299	272	506	398	668	700	1,060	322	329	114	155	35
5	301	479	461	391	838	568	767	287	349	106	126	32
6	287	774	428	385	740	518	613	371	321	99	107	29
7	259	592	421	377	616	491	536	990	275	95	96	27
8	237	434	461	366	536	602	536	939	467	92	90	23
9	222	352	485	357	496	1,630	854	597	1,270	90	87	17
10	212	306	628	354	494	1,720	862	413	863	92	83	17
11	204	278	1,390	335	466	1,110	630	329	350	94	82	16
12	199	281	1,660	328	444	782	515	286	267	91	79	16
13	209	863	1,250	327	413	765	514	300	234	85	78	16
14	485	1,770	779	773	396	670	669	421	208	81	78	20
15	1,080	1,800	588	2,290	393	567	661	407	190	83	75	21
16	886	964	498	2,300	398	524	533	418	175	80	73	20
17	556	616	455	1,410	412	869	449	429	158	77	92	21
18	389	511	438	798	406	1,720	405	325	141	78	274	21
19	313	458	431	596	374	1,740	383	321	127	75	134	21
20	301	427	425	519	352	1,250	368	767	123	214	101	22
21	1,430	406	410	528	349	867	355	1,190	117	476	92	25
22	2,450	391	389	567	358	705	343	950	109	299	82	24
23	1,590	410	393	568	370	729	328	648	106	243	77	27
24	665	682	456	514	395	990	331	367	104	339	76	36
25	432	975	589	465	561	969	325	298	101	326	74	39
26	369	810	546	482	633	788	301	320	99	201	70	39
27	329	613	489	487	524	648	292	324	95	137	70	37
28	304	655	449	468	660	686	285	291	92	107	68	35
29	287	1,090	416	419	---	1,780	282	260	97	100	64	36
30	276	1,090	440	493	---	2,200	281	238	143	369	60	34
31	268	---	494	916	---	1,690	---	221	---	288	55	---
TOTAL	15,871	19,070	18,391	19,537	14,507	32,258	16,331	14,013	7,571	4,956	3,171	836
MEAN	512	636	593	630	518	1,041	544	452	252	160	102	27.9
MAX	2,450	1,800	1,660	2,300	923	2,200	1,110	1,190	1,270	476	274	48
MIN	199	250	389	327	349	491	281	221	92	75	55	16
CFSM	0.97	1.21	1.13	1.20	0.98	1.98	1.03	0.86	0.48	0.30	0.19	0.05
IN.	1.12	1.35	1.30	1.38	1.03	2.28	1.15	0.99	0.54	0.35	0.22	0.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2005, BY WATER YEAR (WY)

MEAN	273	335	485	708	857	895	694	433	315	297	325	335
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	248	170	103	27.0	38.0	26.8	14.2
(WY)	(1934)	(1934)	(1934)	(1934)	(1934)	(1981)	(1967)	(2002)	(2002)	(2002)	(1993)	(1980)

02083000 FISHING CREEK NEAR ENFIELD, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1927 - 2005	
ANNUAL TOTAL	183,739		166,512			
ANNUAL MEAN	502		456		494	
HIGHEST ANNUAL MEAN					871	1984
LOWEST ANNUAL MEAN					148	1981
HIGHEST DAILY MEAN	3,260	Sep 2	2,450	Oct 22	29,200	Sep 18, 1999
LOWEST DAILY MEAN	63	Jun 25	16	Sep 11	6.9	Oct 5, 1968
ANNUAL SEVEN-DAY MINIMUM	77	Jun 19	18	Sep 9	8.1	Sep 30, 1968
MAXIMUM PEAK FLOW			2,590	Oct 22	30,100	Sep 18, 1999
MAXIMUM PEAK STAGE			14.19	Oct 22	21.65	Sep 18, 1999
INSTANTANEOUS LOW FLOW			13	Sep 12	13	Sep 12, 2005
ANNUAL RUNOFF (CFSM)	0.954		0.867		0.940	
ANNUAL RUNOFF (INCHES)	12.99		11.78		12.77	
10 PERCENT EXCEEDS	1,000		944		1,080	
50 PERCENT EXCEEDS	388		369		274	
90 PERCENT EXCEEDS	117		72		68	

