

CAPE FEAR RIVER BASIN

02099000 EAST FORK DEEP RIVER NEAR HIGH POINT, NC

LOCATION.--Lat 36°02'15", long 79°56'46", Guilford County, Hydrologic Unit 03030003, on right bank 5 ft upstream from bridge on Secondary Road 1541, 3.3 mi upstream from High Point Dam, and 5.2 mi northeast of High Point College, High Point.

DRAINAGE AREA.--14.8 mi².

PERIOD OF RECORD.--July 1928 to March 1994, October 1997 to current year.

REVISED RECORDS.--WSP 1723: 1929(M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 764.02 ft above sea level. Satellite telemetry at station.

REMARKS.--Records good below 100 ft³/s and poor above including those for estimated daily discharges. Maximum discharge, 6,300 ft³/s, gage height, 10.87 ft, from floodmark, from rating curve extended above 1,600 ft³/s on basis of contracted-opening measurement of peak flow. Minimum discharge for current water year also occurred Aug. 11.

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	9.6	5.8	6.8	5.1	10	12	249	6.1	23	5.7	11	16
2	9.1	5.8	6.5	5.1	8.3	11	52	5.9	21	5.8	8.7	14
3	9.0	5.8	6.0	4.8	6.9	12	39	5.7	7.6	5.0	6.5	12
4	8.7	5.9	5.7	4.9	6.1	68	28	5.4	5.5	7.4	5.3	19
5	7.9	6.0	6.5	6.7	5.8	48	19	5.4	4.7	15	4.4	14
6	7.6	5.7	6.1	5.0	5.7	22	16	5.3	81	6.1	4.5	12
7	6.8	6.1	6.7	5.1	5.5	17	14	4.9	41	4.9	5.8	11
8	5.9	7.3	6.7	11	5.2	15	12	4.8	12	20	3.5	11
9	6.2	13	5.6	10	5.2	13	11	5.1	7.3	14	2.9	11
10	6.2	14	5.4	6.0	7.5	9.2	11	7.0	5.6	7.0	2.7	16
11	6.4	8.2	5.5	5.4	5.4	e8.3	10	9.1	4.7	5.6	33	12
12	6.1	5.7	5.8	5.6	7.7	8.9	10	9.8	4.5	4.4	17	8.7
13	6.0	4.7	5.5	5.5	10	14	11	11	10	5.4	7.9	7.4
14	5.8	16	7.5	5.4	11	10	11	8.3	18	4.6	6.7	6.5
15	6.4	10	7.0	5.5	12	68	9.5	7.9	8.1	3.9	4.5	6.1
16	6.0	7.7	24	5.5	21	34	9.2	30	6.7	4.3	3.9	5.9
17	5.5	7.1	61	5.1	402	18	8.4	20	5.7	4.8	3.7	5.5
18	5.7	5.6	19	16	33	13	8.2	9.4	5.3	8.6	10	4.6
19	5.7	5.9	16	137	20	11	7.8	7.1	5.1	7.2	9.1	4.8
20	5.7	7.2	e13	141	16	84	7.8	6.5	4.6	4.3	5.1	16
21	4.9	5.6	e9.4	36	14	241	7.9	6.7	4.0	3.5	4.1	12
22	5.5	4.6	7.9	18	15	69	7.8	6.8	7.9	3.1	3.7	10
23	5.7	4.3	e6.6	14	15	25	7.8	13	19	2.8	3.5	9.5
24	7.1	4.4	6.1	12	15	17	12	5.9	6.6	2.9	35	45
25	6.3	21	e6.5	9.8	48	14	62	7.2	8.5	3.0	8.8	26
26	5.8	23	e6.2	8.0	29	12	18	155	6.0	46	6.1	11
27	6.0	13	5.8	7.2	17	11	10	21	24	78	5.4	7.6
28	6.4	11	6.0	6.3	14	9.9	8.2	16	9.1	21	6.9	6.6
29	6.7	9.4	5.6	6.0	---	452	6.9	12	9.5	61	5.8	5.4
30	5.7	7.9	5.5	15	---	148	6.3	8.7	8.5	37	5.7	5.1
31	5.6	---	5.1	12	---	136	---	6.6	---	11	7.4	---
TOTAL	202.0	257.7	297.0	540.0	771.3	1631.3	690.8	433.6	384.5	413.3	248.6	351.7
MEAN	6.52	8.59	9.58	17.4	27.5	52.6	23.0	14.0	12.8	13.3	8.02	11.7
MAX	9.6	23	61	141	402	452	249	155	81	78	35	45
MIN	4.9	4.3	5.1	4.8	5.2	8.3	6.3	4.8	4.0	2.8	2.7	4.6
CFSM	.44	.58	.65	1.18	1.86	3.56	1.56	.95	.87	.90	.54	.79
IN.	.51	.65	.75	1.36	1.94	4.10	1.74	1.09	.97	1.04	.62	.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001,® BY WATER YEAR (WY)

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	11.8	11.6	16.2	24.6	27.7	26.7	21.1	15.6	12.4	12.6	12.5	14.4																																																													
MAX	79.5	39.2	48.6	82.9	83.0	106	71.6	58.8	61.5	97.5	55.9	124																																																													
(WY)	1960	1980	1933	1978	1979	1975	1987	1978	1969	1975	1949	2000																																																													
MIN	1.88	2.35	3.53	4.32	6.48	6.76	5.52	4.57	3.41	2.93	2.87	1.74																																																													
(WY)	1942	1942	1942	1942	1931	1967	1942	1941	1986	1977	1941	1954																																																													

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1929 - 2001®

ANNUAL TOTAL	8974.1	6221.8	
ANNUAL MEAN	24.5	17.0	17.2
HIGHEST ANNUAL MEAN			34.1
LOWEST ANNUAL MEAN			7.28
HIGHEST DAILY MEAN	1290	Sep 15	1670
LOWEST DAILY MEAN	2.5	Jul 11	1.1
ANNUAL SEVEN-DAY MINIMUM	3.2	May 11	1.2
MAXIMUM PEAK FLOW			2530
MAXIMUM PEAK STAGE			8.76
INSTANTANEOUS LOW FLOW			2.5*
ANNUAL RUNOFF (CFSM)	1.66		1.15
ANNUAL RUNOFF (INCHES)	22.56		15.64
10 PERCENT EXCEEDS	38		24
50 PERCENT EXCEEDS	8.1		7.6
90 PERCENT EXCEEDS	4.7		4.9

e Estimated.
® See PERIOD OF RECORD.
* See REMARKS.

02099000 EAST FORK DEEP RIVER NEAR HIGH POINT, NC--Continued

