

CAPE FEAR RIVER BASIN

0209387778 BRUSH CREEK AT FLEMING ROAD AT GREENSBORO, NC

LOCATION.--Lat 36°08'24", long 79°54'50", Guilford County, Hydrologic Unit 03030002, on left bank downstream at Fleming Road and 0.5 mi above Lake Higgins in Greensboro.

DRAINAGE AREA.--7.42 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 771.84 ft above sea level, from topographic map. Satellite telemetry at station.

REMARKS.--Records poor.

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	5.7	2.5	2.9	3.4	4.9	3.6	98	3.7	12	2.9	5.6	2.9
2	6.0	2.6	3.0	3.5	4.5	3.3	44	3.5	7.5	3.3	4.1	1.6
3	4.5	2.6	2.9	3.1	4.2	3.8	33	3.4	4.0	2.7	3.1	1.2
4	3.7	2.7	2.7	3.0	4.5	28	24	3.1	3.5	15	2.7	3.0
5	3.6	2.7	2.8	3.3	4.6	18	19	2.8	3.2	20	2.5	1.3
6	3.7	2.7	2.9	3.4	4.0	6.8	17	2.7	5.4	4.3	2.3	1.0
7	3.7	3.1	3.1	3.3	3.9	4.7	12	2.6	13	3.6	2.1	.95
8	3.6	3.5	3.0	9.5	3.8	4.1	8.6	2.7	3.6	9.7	2.0	.84
9	3.5	8.2	2.9	5.5	3.9	3.5	7.6	2.7	3.2	5.1	2.1	.82
10	3.6	8.7	2.9	3.9	5.4	2.9	7.0	2.6	2.9	11	2.2	1.3
11	3.3	3.5	2.9	3.7	4.4	2.7	6.8	2.5	2.7	6.7	30	.91
12	3.2	2.8	2.9	4.1	6.1	2.9	6.4	4.7	2.6	3.1	12	.77
13	3.0	2.8	2.6	4.0	6.5	5.7	6.9	4.3	2.8	3.6	3.5	.71
14	2.9	10	4.1	3.9	7.4	2.8	6.1	2.8	3.5	3.0	2.0	.72
15	2.9	4.3	3.3	4.0	6.5	19	5.8	2.7	2.7	4.1	1.5	.68
16	2.9	3.2	18	3.9	9.4	6.8	5.6	15	2.5	4.3	1.3	.63
17	2.9	3.5	28	3.6	77	2.7	5.2	9.1	2.3	2.5	1.2	.63
18	2.9	2.9	8.0	14	16	1.8	5.0	4.2	2.1	2.4	3.3	.66
19	2.8	3.3	7.2	47	6.6	1.4	4.8	3.3	1.9	2.4	1.6	.54
20	2.8	4.1	6.1	60	4.8	13	4.7	3.1	1.9	2.1	1.3	3.5
21	2.8	2.7	4.5	22	4.1	55	4.7	3.1	2.3	1.8	1.2	.89
22	2.9	2.5	4.4	10	5.5	30	4.5	5.6	3.1	1.6	1.1	.63
23	2.9	2.6	3.7	7.3	5.4	11	4.3	9.3	4.8	1.6	1.0	.55
24	2.7	2.7	3.9	6.3	4.6	7.0	5.3	3.3	2.4	1.6	13	8.1
25	2.7	15	3.9	5.5	21	6.1	24	4.0	2.9	1.7	1.6	3.6
26	2.9	11	3.7	4.9	9.9	6.2	7.0	42	3.7	36	1.2	1.3
27	3.1	4.4	4.3	4.9	5.6	6.5	5.0	9.5	26	62	5.9	1.1
28	3.3	3.5	4.3	4.6	4.1	7.4	4.4	5.6	4.2	16	6.2	1.1
29	2.9	3.2	3.9	4.5	---	62	4.1	4.7	3.5	10	1.4	1.0
30	2.9	3.2	3.8	12	---	73	3.8	3.9	3.1	16	1.1	.95
31	2.7	---	3.4	6.1	---	47	---	3.6	---	4.7	1.4	---
TOTAL	103.0	130.5	156.0	278.2	248.6	448.7	394.6	176.1	139.3	264.8	121.5	43.88
MEAN	3.32	4.35	5.03	8.97	8.88	14.5	13.2	5.68	4.64	8.54	3.92	1.46
MAX	6.0	15	28	60	77	73	98	42	26	62	30	8.1
MIN	2.7	2.5	2.6	3.0	3.8	1.4	3.8	2.5	1.9	1.6	1.0	.54
CFSM	.45	.59	.68	1.21	1.20	1.95	1.78	.77	.63	1.15	.53	.20
IN.	.52	.66	.78	1.40	1.25	2.25	1.98	.88	.70	1.33	.61	.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
MEAN	5.04	5.09	5.84	8.28	8.10	10.1	10.7	5.85	4.71	6.55	6.84	17.4
MAX	6.75	5.84	6.64	8.97	8.88	14.5	13.2	6.02	4.77	8.54	9.37	30.7
(WY)	2000	2000	2000	2001	2001	2001	2001	2000	2000	2001	1999	2000
MIN	3.32	4.35	5.03	7.58	7.36	5.73	8.34	5.68	4.64	4.11	3.92	1.46
(WY)	2001	2001	2001	2000	2000	2000	2000	2001	2001	2000	2001	2001

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1999 - 2001

ANNUAL TOTAL	2866.90	2505.18	
ANNUAL MEAN	7.83	6.86	7.62
HIGHEST ANNUAL MEAN			8.38
LOWEST ANNUAL MEAN			6.86
HIGHEST DAILY MEAN	149	Sep 15	149
LOWEST DAILY MEAN	.76	Mar 10	.54
ANNUAL SEVEN-DAY MINIMUM	.86	Mar 5	.65
MAXIMUM PEAK FLOW		221	Mar 29
MAXIMUM PEAK STAGE		6.22	Mar 29
INSTANTANEOUS LOW FLOW		.42	Sep 19
ANNUAL RUNOFF (CFSM)	1.06	.93	1.03
ANNUAL RUNOFF (INCHES)	14.39	12.58	13.98
10 PERCENT EXCEEDS	17	13	18
50 PERCENT EXCEEDS	3.7	3.6	4.1
90 PERCENT EXCEEDS	1.9	1.6	1.8

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