

CAPE FEAR RIVER BASIN

02094775 RYAN CREEK BELOW US HIGHWAY 220 AT GREENSBORO, NC

LOCATION.--Lat 36°01'51", long 79°47'56", Guilford County, Hydrologic Unit 03030002, on left bank 0.6 mi upstream of South Buffalo Creek, and .2 mi below US Highway 220 in Greensboro.

DRAINAGE AREA.--4.12 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 730 ft above sea level, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair.

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	1.4	.38	.53	.60	1.0	1.3	19	.49	25	.35	1.4	1.9
2	1.4	.30	.58	.63	.82	1.3	4.2	.48	3.4	.34	.72	1.6
3	1.3	.29	.59	.56	.95	2.1	6.6	.46	.97	.35	.50	.58
4	1.2	.27	.53	.54	.84	23	2.8	.44	.98	2.9	.40	4.9
5	.95	.31	.56	.57	.82	7.2	2.0	.50	.69	2.8	.33	.89
6	.84	.33	.54	.57	.71	2.4	1.7	.53	28	.38	.35	.52
7	.67	.50	.57	.55	.82	1.7	1.6	.42	4.7	.30	.33	.41
8	.54	.36	.56	3.1	.75	1.5	1.5	.45	1.1	3.7	.30	.36
9	1.0	1.9	.52	1.7	.91	1.4	1.0	.53	.65	.98	.31	.37
10	1.6	1.1	.54	.62	2.1	1.0	.75	1.8	.56	5.3	3.9	2.6
11	1.2	.35	.56	.57	.77	.95	.69	1.3	.46	.41	62	1.3
12	.84	.38	.59	.68	4.2	1.2	.64	5.3	.43	.25	7.1	.43
13	.71	.34	.57	.67	3.9	2.5	2.2	2.1	23	.29	.71	.36
14	.59	8.1	1.5	.56	3.0	.94	1.4	.65	4.7	.28	.57	.35
15	.61	.56	.66	.50	3.3	22	.55	.58	.70	.21	.47	.30
16	.58	.40	3.4	.43	9.6	4.2	.44	9.0	.49	.20	.39	.29
17	.38	.53	12	.42	77	2.2	.41	3.8	.34	.20	.34	.26
18	.37	.39	1.2	4.6	3.6	1.5	.47	1.1	.29	2.4	31	.30
19	.37	1.7	3.7	21	2.3	1.2	.45	.76	.29	.95	.94	.29
20	.37	1.2	3.2	28	1.9	17	.45	1.2	.31	.31	.52	6.0
21	.44	.43	2.4	4.0	1.6	22	.50	6.7	.31	.32	.42	.55
22	.63	.31	1.5	2.1	3.3	5.7	.43	2.4	11	.26	.39	.33
23	1.1	.35	.63	1.7	3.1	2.7	.41	2.0	5.5	.25	.39	.31
24	.49	.48	.59	1.4	2.1	2.2	.81	.65	1.3	.31	19	25
25	.46	17	.55	1.1	13	1.9	9.8	2.9	2.0	2.5	.67	5.6
26	.45	3.7	.51	1.0	3.3	1.7	.82	30	1.5	16	.45	.22
27	.41	.92	.61	1.2	1.8	1.5	.56	1.8	2.8	30	.38	.17
28	.40	.65	.61	1.0	1.5	1.5	.53	1.9	.41	1.3	.36	.15
29	.36	.61	.57	1.0	---	84	.47	1.1	.35	21	7.1	.17
30	.35	.61	.56	7.3	---	12	.47	.67	.37	6.8	1.0	.21
31	.40	---	.50	1.8	---	43	---	.57	---	.70	.61	---
TOTAL	22.41	44.75	41.93	90.47	148.99	274.79	63.65	82.58	122.60	102.34	143.35	56.72
MEAN	.72	1.49	1.35	2.92	5.32	8.86	2.12	2.66	4.09	3.30	4.62	1.89
MAX	1.6	17	12	28	77	84	19	30	28	30	62	25
MIN	.35	.27	.50	.42	.71	.94	.41	.42	.29	.20	.30	.15
CFSM	.18	.36	.33	.71	1.29	2.15	.51	.65	.99	.80	1.12	.46
IN.	.20	.40	.38	.82	1.35	2.48	.57	.75	1.11	.92	1.29	.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

MEAN	1.19	1.09	2.38	5.54	4.10	5.88	3.74	1.85	3.72	2.86	3.40	10.7
MAX	2.55	1.49	3.65	9.72	5.32	8.86	5.27	2.66	6.31	4.39	4.62	29.9
(WY)	2000	2001	1999	1999	2001	2001	2000	2001	2000	2000	2001	2000
MIN	.31	.42	1.35	2.92	2.13	2.74	2.12	1.05	.76	.89	1.66	1.14
(WY)	1999	1999	2001	2001	1999	1999	2001	1999	1999	1999	1998	1998

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1998 - 2001

ANNUAL TOTAL	2129.33	1194.58		
ANNUAL MEAN	5.82	3.27	4.17	
HIGHEST ANNUAL MEAN			6.03	2000
LOWEST ANNUAL MEAN			3.20	1999
HIGHEST DAILY MEAN	393	Sep 15	84	Mar 29
LOWEST DAILY MEAN	.27	Nov 4	.15	Sep 28
ANNUAL SEVEN-DAY MINIMUM	.33	Oct 31	.26	Jul 11
MAXIMUM PEAK FLOW			567	Aug 11
MAXIMUM PEAK STAGE			4.83	Aug 11
INSTANTANEOUS LOW FLOW			.13	Sep 28
ANNUAL RUNOFF (CFSM)	1.41	.79		1.01
ANNUAL RUNOFF (INCHES)	19.23	10.79	13.75	
10 PERCENT EXCEEDS	10	6.6	7.5	
50 PERCENT EXCEEDS	1.3	.71	.97	
90 PERCENT EXCEEDS	.52	.33	.25	

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