

02094775 RYAN CREEK BELOW US HIGHWAY 220 AT GREENSBORO, NC

LOCATION.--Lat 36°01'52", long 79°47'46", 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.

REVISED RECORDS.--WDR NC-02-1B: 1999-2001(M).

GAGE.--Water-stage recorder. Elevation of gage is 730 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. No flow occurred several days in Aug. 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.2	0.97	1.8	2.2	2.7	13	2.2	0.82	0.59	1.2	0.58
2	1.0	1.2	1.0	1.9	1.8	3.6	2.0	4.7	0.67	0.52	3.6	0.53
3	1.0	1.1	0.87	1.9	38	2.6	1.7	4.4	0.71	5.2	2.7	0.47
4	1.1	1.0	2.1	1.9	5.4	1.9	1.5	2.0	35	16	1.1	0.46
5	1.00	1.2	4.0	3.7	2.9	1.8	1.4	1.4	1.6	4.2	0.86	0.47
6	1.1	1.6	1.4	2.5	37	7.3	1.4	1.2	0.78	0.65	0.78	1.5
7	1.2	1.7	1.1	1.8	10	2.4	1.5	1.2	0.73	0.52	0.74	3.6
8	1.3	1.4	1.0	1.8	2.8	1.8	1.3	1.1	0.94	1.8	0.69	267
9	14	1.1	0.99	3.5	2.0	2.1	1.2	1.1	0.99	1.1	0.68	4.8
10	2.1	1.1	31	2.7	1.7	2.1	1.2	1.1	0.63	9.6	0.66	1.8
11	7.1	1.2	6.4	2.5	1.7	1.7	1.3	1.00	0.59	2.3	0.86	1.3
12	1.2	1.3	2.2	2.5	5.6	1.6	25	0.99	0.55	0.60	1.9	1.2
13	0.92	1.00	2.8	2.3	2.3	1.5	30	1.00	0.83	0.57	11	1.1
14	3.9	0.91	50	2.1	1.8	1.5	5.5	0.99	0.79	0.95	35	1.0
15	3.3	1.2	5.8	2.0	8.1	2.5	2.5	1.0	0.73	0.50	4.4	0.92
16	0.88	1.3	3.5	1.9	8.1	7.5	2.0	1.8	1.3	0.44	1.7	0.87
17	0.85	1.3	13	2.4	3.0	3.7	1.8	1.1	0.98	55	0.82	76
18	0.76	1.5	3.5	4.1	2.9	4.6	1.7	6.5	0.54	133	0.73	11
19	0.79	16	2.6	2.7	2.5	2.5	1.5	4.1	6.7	6.5	0.65	2.2
20	0.82	1.8	2.3	2.3	2.1	1.9	1.5	2.0	1.3	2.3	0.58	1.4
21	0.86	1.1	2.1	1.8	1.9	1.8	1.5	1.1	0.54	1.1	0.58	1.3
22	0.83	1.0	2.1	1.8	1.6	1.6	1.4	0.88	0.56	2.3	0.55	1.2
23	0.76	1.0	2.1	1.7	1.6	1.5	1.3	1.2	0.85	3.5	0.52	1.00
24	1.0	1.1	2.5	1.6	1.6	1.6	1.3	1.7	0.98	0.86	0.52	0.91
25	0.88	1.0	1.9	1.8	1.5	1.6	1.2	0.84	0.60	0.73	0.52	0.91
26	1.9	1.1	1.9	1.8	1.8	1.6	6.3	1.3	12	0.78	0.51	0.84
27	4.3	1.2	1.9	2.0	5.4	1.6	2.0	2.0	1.7	8.2	0.48	34
28	9.7	8.5	1.8	3.1	8.1	1.6	1.2	0.86	4.3	26	0.47	234
29	15	1.8	1.9	4.3	4.3	1.5	1.2	0.81	1.2	58	0.51	4.5
30	1.6	1.0	2.8	5.3	---	1.9	1.2	8.3	1.0	4.0	8.5	2.2
31	1.2	---	2.0	3.3	---	11	---	1.1	---	1.6	0.84	---
TOTAL	83.75	58.91	159.53	76.8	169.7	84.6	117.6	60.97	80.91	349.41	84.65	659.06
MEAN	2.70	1.96	5.15	2.48	5.85	2.73	3.92	1.97	2.70	11.3	2.73	22.0
MAX	15	16	50	5.3	38	11	30	8.3	35	133	35	267
MIN	0.76	0.91	0.87	1.6	1.5	1.5	1.2	0.81	0.54	0.44	0.47	0.46
CFSM	0.66	0.48	1.25	0.60	1.42	0.66	0.95	0.48	0.65	2.74	0.66	5.33
IN.	0.76	0.53	1.44	0.69	1.53	0.76	1.06	0.55	0.73	3.15	0.76	5.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	4.30	3.10	4.73	6.26	5.13	6.95	6.05	3.33	5.24	5.93	4.18	12.5
MAX	17.9	12.7	13.6	12.9	10.4	17.5	20.4	11.4	17.5	14.1	11.1	29.9
(WY)	(2003)	(2003)	(2003)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2000)
MIN	0.31	0.42	1.35	2.48	2.13	2.73	0.76	1.05	0.14	0.89	1.66	1.14
(WY)	(1999)	(1999)	(2001)	(2004)	(1999)	(2004)	(2002)	(1999)	(2002)	(1999)	(1998)	(1998)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	4,059.18		1,985.89		5.82	
ANNUAL MEAN	11.1		5.43		2.98	
HIGHEST ANNUAL MEAN					14.0	2003
LOWEST ANNUAL MEAN					2.98	2002
HIGHEST DAILY MEAN	256	Mar 20	267	Sep 8	393	Sep 15, 2000
LOWEST DAILY MEAN	0.60	Jun 26	0.44	Jul 16	0.00	Aug 6, 2002
ANNUAL SEVEN-DAY MINIMUM	0.81	Oct 17	0.50	Aug 23	0.00	Aug 6, 2002
MAXIMUM PEAK FLOW			795	Jul 17	1,060	Jul 13, 2003
MAXIMUM PEAK STAGE			8.69	Jul 17	12.53	Jul 13, 2003
INSTANTANEOUS LOW FLOW			0.30	Jul 17	0.00*	Aug 6, 2002
ANNUAL RUNOFF (CFSM)	2.70		1.32		1.41	
ANNUAL RUNOFF (INCHES)	36.65		17.93		19.20	
10 PERCENT EXCEEDS	24		7.7		9.6	
50 PERCENT EXCEEDS	2.3		1.6		1.2	
90 PERCENT EXCEEDS	1.0		0.72		0.25	

* See REMARKS.

