

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 from South Buffalo Creek, and .2 mi downstream from 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 poor. No flow occurred several days in Aug. 2002. Minimum discharge for current water year occurred several days in Sept.

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	2.0	0.88	4.2	1.5	2.0	5.7	2.5	8.0	1.2	0.77	2.3	0.18
2	3.2	1.0	2.1	1.3	2.0	3.5	9.7	2.4	16	0.78	0.60	0.17
3	2.3	1.5	1.8	1.3	26	3.0	3.0	1.1	7.5	0.73	0.50	0.22
4	1.4	8.5	1.7	1.5	4.5	3.0	2.2	0.93	1.8	9.5	0.46	0.17
5	1.1	1.9	1.6	1.6	2.3	3.5	2.0	0.93	1.1	3.7	0.45	0.17
6	1.0	1.1	1.7	1.5	2.0	2.9	1.9	4.7	0.86	2.2	0.51	0.18
7	1.0	1.1	2.2	1.3	1.8	2.7	4.1	1.2	2.3	24	0.49	0.19
8	1.0	1.2	1.7	1.4	1.7	19	7.9	0.95	11	4.1	0.61	0.20
9	1.0	1.2	13	1.4	1.8	3.6	4.1	0.84	41	1.1	33	0.21
10	1.1	1.0	133	1.4	4.7	3.2	2.0	0.75	6.0	0.81	1.00	0.20
11	0.88	1.1	9.7	1.5	1.6	3.9	1.9	0.75	1.8	0.72	0.60	0.20
12	0.94	58	3.4	1.5	1.5	3.0	2.1	0.84	1.4	0.74	0.49	0.20
13	6.2	5.0	2.6	2.2	1.6	2.8	4.6	1.5	41	0.67	0.45	0.44
14	1.3	1.8	2.2	93	5.7	3.1	4.7	0.87	10	5.0	0.45	0.28
15	0.94	1.6	2.0	4.2	2.5	2.5	1.8	1.4	2.1	1.7	0.51	0.17
16	0.78	1.5	2.0	2.8	1.8	21	1.6	1.0	1.7	0.77	12	0.18
17	0.77	1.5	1.8	2.1	1.6	25	1.5	1.1	1.0	0.68	5.2	0.21
18	0.84	1.5	1.7	1.8	1.4	5.7	1.5	1.2	0.87	0.64	0.67	0.25
19	3.3	1.5	1.8	1.8	1.5	3.6	1.4	1.6	0.87	0.62	0.62	0.18
20	1.4	1.4	1.6	1.8	1.7	3.0	1.4	4.4	0.84	1.5	21	0.24
21	0.87	1.4	1.8	2.0	2.0	2.7	1.3	2.4	0.84	0.82	1.0	0.75
22	0.89	1.4	1.9	2.0	1.5	3.4	1.3	0.91	0.87	0.83	0.24	0.18
23	0.85	34	13	1.8	1.4	23	1.6	1.4	0.75	0.59	2.7	0.17
24	1.8	12	2.6	1.6	16	7.9	1.5	1.3	0.74	0.58	0.28	0.18
25	1.0	17	1.9	1.7	2.6	3.5	1.3	1.3	0.80	0.56	0.22	0.39
26	0.81	2.8	1.7	1.7	1.9	3.0	1.4	0.78	0.82	0.52	0.20	1.6
27	0.83	14	1.5	1.5	1.9	3.1	1.4	0.66	1.0	0.51	0.20	0.21
28	1.1	16	1.6	1.5	50	64	1.1	0.66	2.9	18	0.20	0.17
29	1.5	2.6	1.6	1.9	---	8.2	2.4	0.66	1.3	31	0.18	0.16
30	1.1	2.1	1.5	16	---	3.2	1.4	0.66	0.90	20	0.21	0.16
31	0.99	---	1.4	3.4	---	2.7	---	0.65	---	7.5	0.29	---
TOTAL	44.19	197.58	222.3	162.0	147.0	248.4	76.6	47.84	161.26	141.64	87.63	8.21
MEAN	1.43	6.59	7.17	5.23	5.25	8.01	2.55	1.54	5.38	4.57	2.83	0.27
MAX	6.2	58	133	93	50	64	9.7	8.0	41	31	33	1.6
MIN	0.77	0.88	1.4	1.3	1.4	2.5	1.1	0.65	0.74	0.51	0.18	0.16
CFSM	0.35	1.60	1.74	1.27	1.27	1.94	0.62	0.37	1.30	1.11	0.69	0.07
IN.	0.40	1.78	2.01	1.46	1.33	2.24	0.69	0.43	1.46	1.28	0.79	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	3.89	3.59	5.07	6.11	5.15	7.10	5.55	3.07	5.26	5.73	4.01	10.9
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	0.27
(WY)	(1999)	(1999)	(2001)	(2004)	(1999)	(2004)	(2002)	(1999)	(2002)	(1999)	(1998)	(2005)

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	2,147.77		1,544.65		5.59	
ANNUAL MEAN	5.87		4.23		2.98	
HIGHEST ANNUAL MEAN					14.0	2003
LOWEST ANNUAL MEAN					2.98	2002
HIGHEST DAILY MEAN	267	Sep 8	133	Dec 10	393	Sep 15, 2000
LOWEST DAILY MEAN	0.44	Jul 16	0.16	Sep 29	0.00	Aug 6, 2002
ANNUAL SEVEN-DAY MINIMUM	0.50	Aug 23	0.18	Sep 1	0.00	Aug 6, 2002
MAXIMUM PEAK FLOW			547	Dec 10	1,060	Jul 13, 2003
MAXIMUM PEAK STAGE			6.96	Dec 10	12.53	Jul 13, 2003
INSTANTANEOUS LOW FLOW			0.16*	Sep 1	0.00*	Aug 6, 2002
ANNUAL RUNOFF (CFSM)	1.42		1.03		1.36	
ANNUAL RUNOFF (INCHES)	19.39		13.95		18.45	
10 PERCENT EXCEEDS	8.1		8.1		9.5	
50 PERCENT EXCEEDS	1.6		1.5		1.2	
90 PERCENT EXCEEDS	0.72		0.42		0.26	

* See REMARKS.

