

02095181 NORTH BUFFALO CREEK AT WESTOVER TERRACE AT GREENSBORO, NC

LOCATION.--Lat 36°04'45", long 79°48'47", Guilford County, Hydrologic Unit 03030002, on right bank at termination of Westover Terrace in Greensboro, 0.7 mi above Southern Railway.

DRAINAGE AREA.--9.55 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 736.25 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for discharges over 500 ft³/s and those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred on Aug. 10, 11, 12, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.77	2.8	1.8	135	5.3	46	6.3	8.2	9.4	4.1	12	5.7
2	0.95	2.2	1.8	13	4.0	57	5.4	4.3	4.9	135	5.7	2.0
3	1.0	1.9	1.9	51	3.8	10	5.0	4.2	96	12	17	e19
4	1.0	3.5	2.1	9.5	32	6.9	4.8	6.0	61	4.5	42	e230
5	1.2	50	112	6.0	4.9	8.9	17	14	12	3.9	36	9.0
6	1.2	44	29	4.9	7.2	92	4.7	22	6.1	42	11	3.0
7	1.2	3.9	14	4.2	62	9.8	219	4.9	e406	16	2.8	2.3
8	1.2	2.8	11	4.0	9.6	6.6	53	4.2	39	4.2	19	2.2
9	1.2	2.2	10	3.8	5.3	5.6	175	3.9	22	8.5	36	2.1
10	1.7	2.3	7.5	3.5	6.9	4.7	e500	3.6	7.4	4.8	15	1.9
11	e416	20	160	3.2	4.4	4.4	42	3.7	5.8	3.4	27	1.8
12	6.0	227	19	3.0	3.9	4.3	13	3.5	6.0	6.2	14	1.8
13	e173	14	154	3.1	3.4	30	8.4	3.2	5.1	58	21	1.8
14	12	4.7	22	3.1	4.3	9.7	6.9	3.1	4.6	15	6.5	1.8
15	15	3.7	7.5	2.9	6.3	25	6.3	e170	4.7	7.2	2.8	1.9
16	193	179	5.5	3.0	7.1	132	5.7	12	28	3.5	5.5	1.6
17	6.5	118	4.1	4.3	5.3	13	5.2	18	12	2.6	e109	1.4
18	2.6	13	3.7	3.3	32	18	24	28	8.4	6.6	19	e200
19	1.9	5.2	3.5	3.0	11	9.3	17	39	10	3.4	3.2	19
20	1.8	3.8	59	2.9	7.0	e470	6.0	5.6	8.5	1.9	2.5	2.6
21	5.1	3.3	6.1	3.1	5.5	22	6.0	24	4.2	2.6	2.2	2.0
22	7.0	2.7	4.3	2.8	e210	10	5.2	214	3.9	37	2.0	58
23	2.0	2.2	3.7	3.9	21	7.3	4.4	38	3.7	10	1.9	e418
24	1.3	2.4	126	3.3	7.1	6.4	4.2	11	3.6	4.1	4.8	7.3
25	3.2	2.3	76	3.1	5.3	5.8	5.7	41	3.4	1.7	1.7	4.6
26	4.3	2.1	9.6	3.0	22	5.7	58	e140	3.3	1.6	1.7	3.9
27	1.4	2.0	5.7	2.8	103	5.5	8.5	11	17	1.6	1.6	5.8
28	57	1.9	4.6	2.9	39	5.2	4.7	7.0	4.3	1.6	1.6	8.8
29	65	1.9	4.1	13	---	8.9	4.3	10	3.5	e102	9.1	3.1
30	40	1.9	3.7	78	---	103	6.3	6.1	5.4	18	30	2.9
31	5.1	---	3.9	10	---	11	---	54	---	26	87	---
TOTAL	1,030.62	726.7	877.1	392.6	638.6	1,154.0	1,232.0	917.5	809.2	549.0	550.6	1,025.3
MEAN	33.2	24.2	28.3	12.7	22.8	37.2	41.1	29.6	27.0	17.7	17.8	34.2
MAX	416	227	160	135	210	470	500	214	406	135	109	418
MIN	0.77	1.9	1.8	2.8	3.4	4.3	4.2	3.1	3.3	1.6	1.6	1.4
CFSM	3.48	2.54	2.96	1.33	2.39	3.90	4.30	3.10	2.82	1.85	1.86	3.58
IN.	4.01	2.83	3.42	1.53	2.49	4.50	4.80	3.57	3.15	2.14	2.14	3.99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2003, BY WATER YEAR (WY)

MEAN	11.5	9.30	11.8	13.4	14.1	20.4	18.5	13.0	15.2	13.7	12.0	25.2
MAX	33.2	24.2	28.3	17.7	22.8	37.2	41.1	29.6	27.0	25.6	17.8	46.4
(WY)	(2003)	(2003)	(2003)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2001)	(2003)	(2000)
MIN	2.67	2.09	5.02	10.8	6.37	8.70	3.06	3.50	3.49	5.11	5.95	6.19
(WY)	(2001)	(2002)	(2001)	(2001)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2001)	(2001)

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1999 - 2003	
ANNUAL TOTAL	4,702.71		9,903.22		15.0	
ANNUAL MEAN	12.9		27.1		27.1 2003	
HIGHEST ANNUAL MEAN					6.77 2002	
LOWEST ANNUAL MEAN					500 Apr 10, 2003	
HIGHEST DAILY MEAN	416	Oct 11	500	Apr 10		
LOWEST DAILY MEAN	0.00	Aug 9	0.77	Oct 1	0.00 Aug 9, 2002	
ANNUAL SEVEN-DAY MINIMUM	0.01	Aug 8	1.0	Oct 1	0.01 Aug 8, 2002	
MAXIMUM PEAK FLOW			NOT DETERMINED		NOT DETERMINED	
MAXIMUM PEAK STAGE			14.07 Sep 23		14.07 Sep 23, 2003	
INSTANTANEOUS LOW FLOW			NOT DETERMINED		0.00* Aug 10, 2002	
ANNUAL RUNOFF (CFSM)	1.35		2.84		1.57	
ANNUAL RUNOFF (INCHES)	18.32		38.58		21.36	
10 PERCENT EXCEEDS	22		61		34	
50 PERCENT EXCEEDS	2.8		5.7		3.6	
90 PERCENT EXCEEDS	0.20		1.9		1.3	

e Estimated.
 * See REMARKS.

