

## 0208111310 CASHIE RIVER AT SECONDARY ROAD 1257 NEAR WINDSOR, NC

LOCATION.--Lat 36°02'52", long 76°59'06", Bertie County, Hydrologic Unit 03010107, at downstream side of bridge on Secondary Road 1257, 2.0 mi upstream from State Highway 13 near Windsor.

DRAINAGE AREA.--108 mi<sup>2</sup>.

PERIOD OF RECORD.--1987 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 15 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges and those below 5 ft<sup>3</sup>/s, which are poor. Maximum discharge for period of record, from rating curve extended above 5,500 ft<sup>3</sup>/s on basis of logarithmic plotting. Maximum gage height for period of record, from flood mark. Periods of no flow occur periodically.

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	0.61	40	64	162	330	530	85	80	138	1.2	66	14
2	0.47	44	58	174	401	713	90	63	107	1.3	59	61
3	0.41	49	52	185	413	925	91	65	81	10	43	58
4	0.34	46	49	169	338	857	90	68	64	10	68	29
5	0.30	41	109	152	269	681	79	66	55	5.9	185	49
6	0.27	63	286	137	222	622	70	67	44	3.4	195	97
7	0.28	95	384	127	241	793	74	77	35	1.7	140	99
8	0.25	96	432	119	395	840	127	79	68	0.66	698	70
9	0.22	81	377	111	467	713	399	61	463	0.35	1,140	42
10	0.23	82	282	103	484	493	1,550	53	1,230	0.43	887	22
11	e1.0	78	219	93	484	341	2,200	50	993	0.33	698	12
12	e6.0	131	188	85	426	254	1,770	45	640	1.8	629	8.2
13	e42	308	182	78	362	201	1,210	37	387	1.3	398	14
14	e40	364	206	73	302	161	759	30	236	1.2	235	24
15	e24	320	248	68	253	133	476	25	145	20	176	29
16	18	299	256	63	239	114	317	21	98	90	123	24
17	19	337	262	63	517	101	224	17	73	105	80	16
18	16	531	236	61	849	91	167	14	60	83	58	219
19	13	608	191	58	861	82	132	23	52	48	47	2,470
20	10	523	175	57	657	81	112	23	46	26	40	3,300
21	26	407	191	56	445	132	96	23	44	12	40	2,600
22	37	302	200	54	344	214	83	37	40	5.9	50	1,630
23	37	226	182	52	379	197	72	110	36	4.3	49	982
24	33	176	180	52	422	169	64	384	32	12	36	677
25	27	142	258	50	420	150	59	568	26	12	22	537
26	23	117	355	47	377	124	70	790	19	7.6	12	403
27	19	97	357	47	311	98	133	743	13	11	6.3	308
28	15	83	346	45	358	80	160	536	8.7	35	4.3	253
29	16	78	287	45	---	69	139	375	7.1	26	2.1	207
30	27	73	223	60	---	64	109	258	4.1	38	0.59	170
31	33	---	179	144	---	69	---	179	---	70	1.1	---
TOTAL	485.38	5,837	7,014	2,790	11,566	10,092	11,007	4,967	5,244.9	645.37	6,188.39	14,424.2
MEAN	15.7	195	226	90.0	413	326	367	160	175	20.8	200	481
MAX	42	608	432	185	861	925	2,200	790	1,230	105	1,140	3,300
MIN	0.22	40	49	45	222	64	59	14	4.1	0.33	0.59	8.2
CFSM	0.14	1.80	2.09	0.83	3.82	3.01	3.40	1.48	1.62	0.19	1.85	4.45
IN.	0.17	2.01	2.42	0.96	3.98	3.48	3.79	1.71	1.81	0.22	2.13	4.97

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2003, BY WATER YEAR (WY)

MEAN	68.5	45.1	84.2	178	209	231	142	59.3	75.5	29.3	79.8	180
MAX	614	195	254	509	651	663	367	321	487	102	488	1,838
(WY)	(2000)	(2003)	(1990)	(1993)	(1998)	(1989)	(2003)	(1989)	(2001)	(1991)	(1992)	(1999)
MIN	0.000	0.065	0.41	26.6	49.5	54.2	5.25	1.07	0.010	0.000	0.009	0.000
(WY)	(1995)	(2002)	(2002)	(2001)	(2002)	(2002)	(1995)	(1994)	(1994)	(1994)	(1993)	(1994)

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1987 - 2003	
ANNUAL TOTAL	20,955.81		80,261.24		116	
ANNUAL MEAN	57.4		220		220	
HIGHEST ANNUAL MEAN					220	2003
LOWEST ANNUAL MEAN					20.9	2002
HIGHEST DAILY MEAN	608	Nov 19	3,300	Sep 20	14,500	Sep 17, 1999
LOWEST DAILY MEAN	0.00	Jun 13	0.22	Oct 9	0.00	Jul 30, 1987
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 16	0.27	Oct 4	0.00	Oct 8, 1987
MAXIMUM PEAK FLOW			3,480	Sep 20	15,700*	Sep 16, 1999
MAXIMUM PEAK STAGE			11.78	Sep 20	18.52*	Sep 16, 1999
INSTANTANEOUS LOW FLOW			0.18	Aug 31	0.00*	Jul 29, 1987
ANNUAL RUNOFF (CFSM)	0.53		2.04		1.08	
ANNUAL RUNOFF (INCHES)	7.22		27.65		14.63	
10 PERCENT EXCEEDS	188		533		285	
50 PERCENT EXCEEDS	13		83		30	
90 PERCENT EXCEEDS	0.00		9.5		0.05	

e Estimated.  
 \* See REMARKS.

