

0208111310 CASHIE RIVER AT SECONDARY ROAD 1257 NEAR WINDSOR, NC

LOCATION.--Lat 36°02'52", long 76°59'03", 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 mi².

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 ft³/s, which are poor. Maximum discharge for period of record, from rating curve extended above 5,500 ft³/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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	138	809	53	130	100	98	49	34	4.9	70	118	43
2	111	635	48	116	102	88	56	40	5.0	69	106	33
3	87	437	44	104	109	81	66	156	3.9	63	110	23
4	69	305	42	95	127	74	66	508	3.3	44	98	16
5	58	223	53	90	147	68	59	561	5.0	51	90	15
6	50	170	66	86	148	64	54	432	4.2	75	349	30
7	42	132	82	80	155	60	50	328	3.7	62	551	48
8	35	106	83	75	157	69	48	248	2.7	46	358	49
9	30	87	87	72	149	76	44	182	1.9	23	247	47
10	26	74	93	71	144	78	38	128	1.1	10	223	48
11	24	65	273	68	136	79	34	90	0.77	4.6	187	53
12	23	61	646	67	134	81	44	67	1.0	2.2	140	e75
13	23	57	571	68	147	78	60	60	0.71	42	187	133
14	22	52	569	67	173	73	75	44	0.62	80	370	e150
15	24	48	958	66	190	78	90	31	0.43	58	1,550	e120
16	22	44	1,140	64	254	127	98	23	0.34	29	4,110	e90
17	20	40	1,100	61	355	206	96	16	0.32	13	3,670	69
18	18	37	904	61	422	240	83	11	0.31	10	2,340	67
19	15	40	759	63	446	252	72	8.0	1.2	10	1,340	68
20	13	68	645	62	402	235	65	6.2	3.4	6.3	838	65
21	10	117	500	61	336	200	58	4.8	4.3	5.1	547	60
22	11	128	377	58	272	160	50	3.4	2.6	3.7	364	53
23	11	129	296	57	217	127	42	2.3	2.0	5.0	245	45
24	9.0	133	261	55	177	102	37	1.7	5.1	8.0	181	37
25	8.0	118	261	55	149	86	30	1.5	5.8	6.1	e143	30
26	11	101	270	58	129	77	24	1.2	33	8.4	e112	24
27	13	85	244	62	121	70	39	7.5	63	42	91	e20
28	16	73	217	66	115	64	51	9.0	64	163	77	e15
29	173	65	192	73	108	56	52	6.6	57	192	65	e10
30	596	58	170	83	---	48	42	3.7	60	159	56	e8.0
31	756	---	149	92	---	43	---	3.2	---	135	50	---
TOTAL	2,464.0	4,497	11,153	2,286	5,621	3,238	1,672	3,018.1	341.60	1,495.4	18,913	1,544.0
MEAN	79.5	150	360	73.7	194	104	55.7	97.4	11.4	48.2	610	51.5
MAX	756	809	1,140	130	446	252	98	561	64	192	4,110	150
MIN	8.0	37	42	55	100	43	24	1.2	0.31	2.2	50	8.0
CFM	0.74	1.39	3.33	0.68	1.79	0.97	0.52	0.90	0.11	0.45	5.65	0.48
IN.	0.85	1.55	3.84	0.79	1.94	1.12	0.58	1.04	0.12	0.52	6.51	0.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2004, BY WATER YEAR (WY)

MEAN	69.2	51.2	100	172	208	224	137	61.6	72.0	30.3	109	173
MAX	614	195	360	509	651	663	367	321	487	102	610	1,838
(WY)	(2000)	(2003)	(2004)	(1993)	(1998)	(1989)	(2003)	(1989)	(2001)	(1991)	(2004)	(1999)
MIN	0.00	0.07	0.41	26.6	49.5	54.2	5.25	1.07	0.01	0.00	0.01	0.00
(WY)	(1995)	(2002)	(2002)	(2001)	(2002)	(2002)	(1995)	(1994)	(1994)	(1994)	(1993)	(1994)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1987 - 2004	
ANNUAL TOTAL	85,038.86		56,243.10		118	
ANNUAL MEAN	233		154		220	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	3,300	Sep 20	4,110	Aug 16	14,500	Sep 17, 1999
LOWEST DAILY MEAN	0.33	Jul 11	0.31	Jun 18	0.00	Jul 30, 1987
ANNUAL SEVEN-DAY MINIMUM	0.87	Jul 8	0.53	Jun 12	0.00	Oct 8, 1987
MAXIMUM PEAK FLOW			4,400	Aug 16	15700*	Sep 16, 1999
MAXIMUM PEAK STAGE			12.24	Aug 16	18.52*	Sep 16, 1999
INSTANTANEOUS LOW FLOW			0.05	Jun 18	0.00	Jul 29, 1987
ANNUAL RUNOFF (CFSM)	2.16		1.42		1.10	
ANNUAL RUNOFF (INCHES)	29.29		19.37		14.90	
10 PERCENT EXCEEDS	650		330		286	
50 PERCENT EXCEEDS	83		66		34	
90 PERCENT EXCEEDS	12		5.1		0.07	

* See REMARKS.

e Estimated.

