

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 most years.

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	e7.0	4.8	44	81	112	192	161	16	15	3.0	28	2.0
2	5.6	6.5	43	97	116	259	155	15	18	6.4	12	1.7
3	5.4	9.8	41	119	127	286	187	14	24	7.2	8.7	1.3
4	5.3	16	39	121	141	266	207	12	24	4.9	8.4	0.94
5	e5.0	19	38	109	150	206	193	10	21	3.3	6.1	0.63
6	e4.0	18	37	94	141	154	225	54	18	4.0	4.2	0.44
7	3.7	15	36	81	135	121	194	186	30	3.3	3.3	0.41
8	2.7	13	34	70	133	108	183	285	99	2.4	3.2	0.28
9	1.9	13	34	63	122	113	178	256	94	2.0	3.4	0.17
10	1.5	11	37	57	108	129	164	229	105	1.7	3.5	0.10
11	1.1	10	38	53	94	129	159	183	91	3.0	3.0	0.05
12	0.93	15	40	49	81	156	175	131	60	2.8	3.1	0.02
13	1.5	43	39	46	73	164	186	86	40	2.0	2.7	0.01
14	2.9	58	36	62	68	134	225	59	32	1.7	2.3	0.01
15	3.6	69	42	117	68	108	242	45	33	1.8	2.1	0.01
16	4.3	76	60	216	68	97	215	51	28	2.1	2.2	0.00
17	4.6	75	57	367	71	130	205	57	20	3.2	4.0	0.00
18	5.3	65	49	406	67	252	174	53	14	3.7	3.0	0.00
19	7.1	57	44	292	65	356	139	45	9.3	3.4	6.2	0.00
20	8.0	51	40	203	63	454	111	52	6.0	3.0	6.4	0.00
21	11	46	36	156	61	452	88	57	4.1	3.0	4.2	0.00
22	17	40	33	130	58	368	70	55	2.0	2.9	3.7	0.00
23	14	39	33	121	55	326	62	48	0.93	2.9	3.5	0.00
24	13	38	33	120	57	362	54	48	0.31	2.7	3.5	0.00
25	13	37	32	113	64	385	46	65	0.09	2.5	3.2	0.00
26	13	37	33	105	74	340	40	55	0.04	2.2	3.0	0.00
27	11	35	37	97	73	291	34	47	0.05	1.8	3.0	0.00
28	10	38	42	87	104	255	28	39	0.15	1.3	2.9	0.00
29	8.5	39	47	76	---	227	21	32	3.4	1.2	2.8	0.00
30	7.2	42	56	85	---	210	19	25	4.4	7.0	2.8	0.00
31	6.0	---	66	95	---	187	---	20	---	32	2.4	---
TOTAL	205.13	1,036.1	1,276	3,888	2,549	7,217	4,140	2,330	796.77	124.4	150.8	8.07
MEAN	6.62	34.5	41.2	125	91.0	233	138	75.2	26.6	4.01	4.86	0.27
MAX	17	76	66	406	150	454	242	285	105	32	28	2.0
MIN	0.93	4.8	32	46	55	97	19	10	0.04	1.2	2.1	0.00
CFSM	0.06	0.32	0.38	1.16	0.84	2.16	1.28	0.70	0.25	0.04	0.05	0.00
IN.	0.07	0.36	0.44	1.34	0.88	2.49	1.43	0.80	0.27	0.04	0.05	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

MEAN	65.7	50.3	97.1	169	202	224	137	62.3	69.6	28.9	104	164
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1987 - 2005	
ANNUAL TOTAL	40,646.33		23,721.27		116	
ANNUAL MEAN	111		65.0		220	
HIGHEST ANNUAL MEAN					20.9	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	4,110	Aug 16	454	Mar 20	14,500	Sep 17, 1999
LOWEST DAILY MEAN	0.31	Jun 18	0.00	Sep 16	0.00	Jul 30, 1987
ANNUAL SEVEN-DAY MINIMUM	0.53	Jun 12	0.00	Sep 16	0.00	Oct 8, 1987
MAXIMUM PEAK FLOW			471	Mar 20	15,700*	Sep 16, 1999
MAXIMUM PEAK STAGE			6.43	Mar 20	18.52*	Sep 16, 1999
INSTANTANEOUS LOW FLOW			0.00*	Sep 16	0.00*	Jul 29, 1987
ANNUAL RUNOFF (CFSM)	1.03		0.602		1.07	
ANNUAL RUNOFF (INCHES)	14.00		8.17		14.53	
10 PERCENT EXCEEDS	187		186		276	
50 PERCENT EXCEEDS	51		37		34	
90 PERCENT EXCEEDS	4.0		1.3		0.07	

* See REMARKS.

e Estimated.

