

ROANOKE RIVER BASIN

0208111310 CASHIE RIVER AT SECONDARY ROAD 1257 NEAR WINDSOR, NC

LOCATION.--Lat 36°02'51", long 76°59'07", 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.--No estimated daily discharges. Records fair, except 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 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.32	0.04	0.47	0.09	56	9.9	153	4.5	0.07	0.00	0.92	0.07
2	0.25	0.04	0.66	0.09	44	11	240	6.2	0.08	0.00	0.56	0.05
3	0.21	0.05	0.64	1.0	34	31	189	4.6	0.07	0.00	0.35	0.02
4	0.19	0.04	0.71	1.2	29	49	227	4.6	0.06	0.00	0.26	0.00
5	0.19	0.02	0.69	1.1	26	48	215	7.6	0.04	0.00	0.18	0.00
6	0.38	0.02	0.58	4.7	25	43	166	7.1	0.02	0.00	0.15	0.01
7	0.42	0.01	0.68	20	51	41	135	5.9	0.07	0.00	0.11	0.01
8	0.22	0.01	0.81	26	100	39	123	4.8	0.05	0.00	0.08	0.01
9	0.20	0.01	0.72	28	119	35	102	3.8	0.03	0.00	0.08	0.02
10	0.19	0.01	0.52	36	117	31	94	3.7	0.03	0.00	0.06	0.02
11	0.18	0.01	1.3	38	127	26	108	3.0	0.02	0.00	0.03	0.02
12	0.17	0.01	0.48	33	113	24	94	2.2	0.01	0.00	0.01	0.00
13	0.17	0.01	0.24	47	88	34	73	1.5	0.00	0.00	0.01	0.00
14	0.18	0.01	0.32	49	69	48	62	1.6	0.01	0.00	0.00	0.01
15	0.24	0.01	0.66	50	58	55	52	1.1	0.01	0.00	0.00	0.03
16	0.21	0.01	0.83	41	50	54	46	0.67	0.00	0.00	0.01	0.11
17	0.18	0.01	0.95	32	44	49	38	0.31	0.00	0.00	0.01	0.12
18	0.18	0.01	0.46	24	37	55	29	0.36	0.00	0.00	0.00	0.10
19	0.14	0.01	0.15	29	31	67	22	0.39	0.00	0.00	0.00	0.07
20	0.13	0.01	0.10	105	27	68	18	0.36	0.00	0.00	0.00	0.05
21	0.13	0.01	0.09	189	25	78	14	0.33	0.00	0.00	0.01	0.03
22	0.12	0.01	0.06	180	23	102	12	0.28	0.00	0.00	0.00	0.02
23	0.13	0.01	0.05	182	21	109	10	0.18	0.00	0.00	0.00	0.19
24	0.13	0.16	0.08	185	18	96	8.4	0.16	0.00	0.01	0.00	3.8
25	0.12	0.17	0.08	184	16	83	8.9	0.12	0.00	0.01	0.00	3.5
26	0.07	0.17	0.08	155	15	73	11	0.12	0.00	12	0.00	3.5
27	0.04	0.17	0.08	133	13	74	9.5	0.10	0.00	17	0.00	3.8
28	0.04	0.22	0.08	112	11	73	7.9	0.08	0.00	13	0.02	2.8
29	0.04	0.30	0.09	94	---	63	6.1	0.08	0.00	10	0.01	1.9
30	0.05	0.39	0.09	78	---	51	4.9	0.08	0.00	4.1	0.05	0.94
31	0.04	---	0.09	66	---	61	---	0.07	---	1.9	0.06	---
TOTAL	5.26	1.96	12.84	2124.18	1387	1680.9	2278.7	65.89	0.57	58.02	2.97	21.20
MEAN	0.170	0.065	0.414	68.52	49.54	54.22	75.96	2.125	0.019	1.872	0.096	0.707
MAX	0.42	0.39	1.3	189	127	109	240	7.6	0.08	17	0.92	3.8
MIN	0.04	0.01	0.05	0.09	11	9.9	4.9	0.07	0.00	0.00	0.00	0.00
CFSM	0.00	0.00	0.00	0.63	0.46	0.50	0.70	0.02	0.00	0.02	0.00	0.01
IN.	0.00	0.00	0.00	0.73	0.48	0.58	0.78	0.02	0.00	0.02	0.00	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2002, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	72.04	35.11	74.68	183.5	195.5	224.7	126.7	52.60	69.33	29.80	72.30	161.4				
MAX	614	158	254	509	651	663	326	321	487	102	488	1838				
(WY)	2000	1993	1990	1993	1998	1989	1989	1989	2001	1991	1992	1999				
MIN	0.000	0.061	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				

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1987 - 2002

ANNUAL TOTAL	27911.56	7639.49	
ANNUAL MEAN	76.47	20.93	109.4
HIGHEST ANNUAL MEAN			208
LOWEST ANNUAL MEAN			20.9
HIGHEST DAILY MEAN	4000	240	14500
LOWEST DAILY MEAN	0.01	0.00	0.00
ANNUAL SEVEN-DAY MINIMUM	0.01	0.00	0.00
MAXIMUM PEAK FLOW		253	15700*
MAXIMUM PEAK STAGE		5.50	18.52*
INSTANTANEOUS LOW FLOW		0.00*	0.00*
ANNUAL RUNOFF (CFSM)	0.71	0.19	1.01
ANNUAL RUNOFF (INCHES)	9.61	2.63	13.76
10 PERCENT EXCEEDS	138	73	258
50 PERCENT EXCEEDS	9.6	0.22	27
90 PERCENT EXCEEDS	0.09	0.00	0.04

* See REMARKS.

0208111310 CASHIE RIVER AT SECONDARY ROAD 1257 NEAR WINDSOR, NC--Continued

