

0212427947 REEDY CREEK AT SECONDARY ROAD 2803 NEAR CHARLOTTE, NC

LOCATION.--Lat 35°15'23", long 80°42'02", Mecklenburg County, Hydrologic Unit 03040105, on right downstream wingwall on Secondary Road 2803, 3.8 mi southeast of the University of North Carolina at Charlotte.

DRAINAGE AREA.--2.50 mi².

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 637.45 ft, North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records poor. Minimum discharge for current water year also occurred Oct. 2, 3, 5, 8. No flow also occurred July 31, Aug. 1, 7, 10, 11, 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	0.07	0.24	0.37	1.5	3.0	4.4	2.9	1.8	8.3	4.3	1.6	2.0
2	0.01	0.20	0.36	1.2	2.6	9.3	2.4	1.9	3.7	18	1.4	1.5
3	0.01	0.18	0.36	1.3	1.7	3.8	2.1	3.7	7.2	6.9	1.5	1.1
4	0.02	0.19	0.42	1.0	1.5	2.6	1.9	5.4	7.4	3.9	5.7	1.3
5	0.02	0.88	6.7	0.92	1.1	2.5	1.9	3.6	4.2	2.8	19	1.3
6	0.02	4.5	3.4	0.84	1.1	34	1.7	17	3.4	2.1	6.2	1.1
7	0.02	1.0	2.4	0.77	4.9	7.7	33	9.8	e123	1.8	4.1	1.1
8	0.01	0.59	1.5	0.78	2.2	6.1	11	4.5	31	1.7	3.7	1.1
9	0.02	0.42	1.1	0.73	1.7	3.9	31	3.3	17	1.6	3.0	1.0
10	0.02	0.37	0.93	0.66	2.3	3.1	e130	2.7	5.4	1.5	2.8	0.88
11	2.2	1.3	4.0	0.59	1.7	2.3	25	2.4	3.8	2.0	2.7	0.87
12	0.22	13	2.0	0.54	1.4	1.7	12	2.1	6.0	1.9	2.6	0.85
13	5.4	3.9	19	0.55	1.1	1.5	9.8	1.8	3.7	11	2.4	0.82
14	0.65	1.6	8.7	0.55	1.2	1.3	6.6	1.6	2.8	5.5	2.3	0.80
15	0.38	1.0	4.2	0.50	1.4	1.8	4.0	1.9	2.6	9.8	2.3	0.78
16	7.1	5.9	3.4	0.52	1.6	20	3.5	2.1	5.0	4.5	2.2	0.56
17	0.96	7.4	1.7	0.59	1.7	5.3	3.1	1.8	4.7	e150	2.1	0.53
18	0.34	2.6	1.1	0.50	3.0	3.9	30	2.3	6.3	6.5	1.9	0.61
19	0.20	1.5	1.0	0.48	3.0	3.2	21	2.3	6.4	7.7	1.8	0.59
20	0.14	1.2	3.6	0.53	2.6	e121	12	1.7	5.0	5.6	1.8	0.54
21	0.18	0.92	1.7	0.55	2.0	12	7.0	9.2	4.8	3.8	1.7	0.56
22	0.36	0.76	1.3	0.53	12	5.0	4.4	137	3.7	3.3	1.6	0.96
23	0.19	0.61	1.0	0.69	8.0	3.6	3.3	16	2.2	2.9	1.5	1.8
24	0.15	0.55	21	0.50	3.3	3.0	2.9	7.1	1.8	2.3	2.5	0.82
25	0.17	0.53	20	0.52	2.6	2.5	3.2	40	1.7	2.0	1.5	0.68
26	0.20	0.47	5.7	0.56	2.5	2.3	3.3	9.3	1.6	1.8	1.4	0.68
27	0.15	0.45	4.5	0.50	9.6	2.1	2.6	47	9.5	1.7	1.4	0.90
28	1.2	0.43	4.0	0.49	7.2	1.9	2.2	6.9	6.7	1.4	1.4	0.94
29	0.97	0.44	3.5	0.58	---	1.8	2.1	6.4	3.9	3.3	1.8	0.63
30	0.56	0.43	2.3	5.9	---	11	1.9	4.1	3.5	2.6	1.9	0.60
31	0.35	---	1.4	5.3	---	5.0	---	13	---	1.9	1.9	---
TOTAL	22.29	53.56	132.64	31.17	88.0	289.6	377.8	369.7	296.3	276.1	89.7	27.90
MEAN	0.72	1.79	4.28	1.01	3.14	9.34	12.6	11.9	9.88	8.91	2.89	0.93
MAX	7.1	13	21	5.9	12	121	130	137	123	150	19	2.0
MIN	0.01	0.18	0.36	0.48	1.1	1.3	1.7	1.6	1.6	1.4	1.4	0.53
IN.	0.33	0.80	1.97	0.46	1.31	4.31	5.62	5.50	4.41	4.11	1.33	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2003, BY WATER YEAR (WY)

MEAN	0.47	1.28	2.40	1.41	2.06	5.43	6.53	6.06	4.98	4.47	1.48	0.49
MAX	0.72	1.79	4.28	1.82	3.14	9.34	12.6	11.9	9.88	8.91	2.89	0.93
(WY)	(2003)	(2003)	(2003)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)
MIN	0.23	0.77	0.52	1.01	0.97	1.52	0.48	0.19	0.085	0.043	0.068	0.044
(WY)	(2002)	(2002)	(2002)	(2003)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)

SUMMARY STATISTICS

FOR 2002 CALENDAR YEAR

FOR 2003 WATER YEAR

WATER YEARS 2001 - 2003

ANNUAL TOTAL	366.66		2,054.76		3.09	
ANNUAL MEAN	1.00		5.63		5.63	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					0.56	
HIGHEST DAILY MEAN	21	Dec 24	150	Jul 17	150	Jul 17, 2003
LOWEST DAILY MEAN	0.00	Jul 30	0.01	Oct 2	0.00	Jul 30, 2002
ANNUAL SEVEN-DAY MINIMUM	0.01	Jul 27	0.02	Oct 2	0.01	Jul 27, 2002
MAXIMUM PEAK FLOW			NOT DETERMINED		NOT DETERMINED	
MAXIMUM PEAK STAGE			8.13	Jul 17	8.13	Jul 17, 2003
INSTANTANEOUS LOW FLOW			0.00*	Oct 1	0.00*	Jul 30, 2002
ANNUAL RUNOFF (INCHES)	5.46		30.57		16.82	
10 PERCENT EXCEEDS	2.2		9.5		5.5	
50 PERCENT EXCEEDS	0.30		2.0		0.78	
90 PERCENT EXCEEDS	0.02		0.45		0.03	

e Estimated.

* See REMARKS.

0212427947 REEDY CREEK AT SECONDARY ROAD 2803 NEAR CHARLOTTE, NC—Continued

