

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 mi<sup>2</sup>.

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. No flow also occurred July 31, Aug. 1, 7, 10, 11, 2002.

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	0.63	0.86	0.79	1.0	1.0	7.6	3.6	1.5	0.59	0.51	0.54	0.73
2	0.56	0.83	0.74	1.00	1.0	6.9	1.9	3.5	0.57	0.53	1.8	0.59
3	0.54	0.79	0.72	0.96	2.6	4.1	1.3	2.4	0.54	0.45	0.94	0.54
4	0.56	0.79	0.93	0.97	1.4	3.2	1.1	1.2	0.57	0.40	0.25	0.49
5	0.53	0.74	1.2	1.4	e1.2	2.7	0.94	0.95	0.55	0.41	1.1	0.50
6	0.55	0.74	0.94	1.2	e14	2.4	0.86	0.83	0.52	0.39	0.55	e63
7	0.64	0.71	0.84	0.98	5.8	1.9	0.83	0.75	0.53	0.30	0.34	30
8	0.96	0.78	0.78	0.90	2.6	1.8	0.81	0.71	0.58	0.25	0.30	e60
9	0.92	0.72	0.72	1.1	1.9	1.7	0.76	0.66	0.67	0.22	0.24	4.0
10	0.83	0.73	3.8	0.95	1.6	1.7	0.75	0.62	0.45	0.21	0.19	1.6
11	3.2	0.73	2.3	0.92	1.4	1.7	0.72	0.61	0.35	0.76	0.25	1.0
12	1.1	0.77	1.4	0.98	3.6	1.6	0.96	0.68	0.31	0.77	9.3	0.76
13	0.85	0.72	1.9	0.97	2.4	1.6	2.4	0.72	0.84	0.28	13	0.63
14	0.84	0.67	7.4	1.0	1.9	1.7	1.6	0.74	5.4	0.26	13	0.56
15	0.74	0.66	2.5	1.1	2.4	1.9	1.1	0.73	2.2	0.23	2.9	0.50
16	0.69	0.69	1.9	1.0	2.0	2.0	1.0	0.68	1.2	0.23	2.0	0.51
17	0.70	0.68	2.6	0.93	1.5	1.4	0.91	0.66	0.85	6.6	1.3	4.7
18	0.69	0.69	1.8	1.3	1.5	1.2	0.75	0.67	0.76	12	0.97	1.3
19	0.75	1.5	1.6	1.1	1.3	1.6	0.68	0.68	0.69	1.2	0.79	0.68
20	0.71	0.97	1.5	0.92	1.2	1.3	0.65	0.65	0.52	0.84	0.68	0.54
21	0.71	0.77	1.7	0.97	1.2	1.5	0.64	0.62	3.7	0.61	0.59	0.49
22	0.69	0.77	1.3	1.2	1.0	1.2	0.60	0.61	1.7	0.48	0.57	0.44
23	0.69	0.75	1.3	1.00	1.4	1.2	0.59	0.57	3.1	0.44	0.51	0.40
24	0.65	0.82	1.4	0.98	1.2	1.1	0.57	0.54	2.1	0.41	0.48	0.37
25	0.66	0.74	1.1	1.2	0.98	1.2	0.53	0.42	3.1	0.39	0.47	0.37
26	0.75	0.72	1.0	1.2	1.2	1.2	0.61	0.40	3.2	0.43	0.45	0.35
27	0.77	0.74	1.0	1.1	2.4	1.2	0.65	0.56	1.1	7.0	0.41	e15
28	1.3	0.91	1.1	1.2	2.9	1.2	0.55	0.59	0.74	2.2	0.44	e75
29	2.5	0.89	1.1	1.2	5.1	1.1	0.50	0.64	0.45	3.2	1.1	4.9
30	1.2	0.84	1.1	1.2	---	1.1	0.48	0.66	0.35	1.4	1.3	2.5
31	0.90	---	1.0	1.0	---	2.8	---	1.1	---	0.74	1.8	---
TOTAL	27.81	23.72	49.46	32.93	69.68	64.8	29.34	26.65	38.23	44.14	58.56	210.08
MEAN	0.90	0.79	1.60	1.06	2.40	2.09	0.98	0.86	1.27	1.42	1.89	7.00
MAX	3.2	1.5	7.4	1.4	14	7.6	3.6	3.5	5.4	12	13	75
MIN	0.53	0.66	0.72	0.90	0.98	1.1	0.48	0.40	0.31	0.21	0.19	0.35
IN.	0.41	0.35	0.74	0.49	1.04	0.96	0.44	0.40	0.57	0.66	0.87	3.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	0.62	1.11	2.13	1.29	2.18	4.32	4.68	4.32	3.75	3.46	1.62	2.66
MAX	0.90	1.79	4.28	1.82	3.14	9.34	12.6	11.9	9.88	8.91	2.89	7.00
(WY)	(2004)	(2003)	(2003)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.23	0.77	0.52	1.01	0.97	1.52	0.48	0.19	0.08	0.04	0.07	0.04
(WY)	(2002)	(2002)	(2002)	(2003)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 2002 - 2004

ANNUAL TOTAL	1,947.26		675.40			
ANNUAL MEAN	5.33		1.85			
HIGHEST ANNUAL MEAN					2.68	
LOWEST ANNUAL MEAN					5.63	2003
HIGHEST DAILY MEAN	150	Jul 17	75	Sep 28	0.56	2002
LOWEST DAILY MEAN	0.48	Jan 19	0.19	Aug 10	150	Jul 17, 2003
ANNUAL SEVEN-DAY MINIMUM	0.52	Jan 14	0.31	Jul 4	0.00	Jul 30, 2002
MAXIMUM PEAK FLOW			NOT DETERMINED		0.01	Jul 27, 2002
MAXIMUM PEAK STAGE			NOT DETERMINED		8.13	Jul 17, 2003
INSTANTANEOUS LOW FLOW					0.09	Aug 11
ANNUAL RUNOFF (INCHES)	28.98		10.05		0.00*	Jul 30, 2002
10 PERCENT EXCEEDS	8.7		2.6		14.55	
50 PERCENT EXCEEDS	1.8		0.90		4.4	
90 PERCENT EXCEEDS	0.66		0.45		0.83	
					0.08	

\* See REMARKS.

e Estimated.

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

