

## 0214678175 STEELE CREEK AT SECONDARY ROAD 1441 NEAR PINEVILLE, NC

LOCATION.--Lat 35°06'18", long 80°57'13", Mecklenburg County, Hydrologic Unit 03050103, on right bank on upstream side of culvert on Secondary Road 1441 (Carowinds Blvd.), and 4.5 mi west of Pineville.

DRAINAGE AREA.--6.73 mi<sup>2</sup>.

PERIOD OF RECORD.-- May 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 562.23 ft above NGVD of 1929, from levels. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred Aug. 17, 19, 20, 22, 23, 27, 28, 30, 2001.

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	0.44	0.54	0.79	0.77	1.1	37	20	16	0.63	3.1	2.4	0.99
2	0.42	0.56	0.73	0.78	1.2	28	4.8	21	0.33	1.8	1.2	0.99
3	0.38	0.53	0.75	0.78	17	11	2.8	6.5	0.27	19	0.52	0.89
4	0.33	0.56	2.9	0.79	3.1	7.2	2.1	2.5	1.1	6.5	0.41	0.91
5	0.42	0.69	4.1	4.4	1.9	5.7	1.7	1.6	0.39	3.0	0.37	1.0
6	0.34	0.66	1.1	2.6	111	5.3	1.6	1.1	0.26	1.1	0.66	4.2
7	0.41	0.78	0.74	1.2	20	4.8	1.4	0.89	0.60	0.74	0.71	84
8	2.7	1.9	0.69	0.81	5.8	3.5	1.4	0.85	19	0.88	0.52	113
9	1.6	0.68	0.72	2.6	3.8	e2.3	1.6	0.71	11	0.69	0.60	6.3
10	0.78	0.63	27	1.5	2.5	2.7	1.2	0.61	1.8	0.45	0.47	2.4
11	12	0.67	6.9	1.1	1.8	3.4	e2.1	0.56	0.70	1.2	1.4	2.1
12	e0.37	0.50	2.4	1.2	20	3.4	e6.6	0.91	0.44	0.39	49	1.1
13	0.46	0.58	13	1.3	6.9	2.4	29	0.57	13	0.33	19	1.0
14	0.31	0.61	31	0.92	8.6	2.3	6.0	0.49	5.0	0.32	22	1.7
15	0.37	0.58	5.4	0.90	12	3.0	2.8	0.43	3.3	0.30	5.5	1.2
16	0.44	0.57	2.4	0.88	6.3	5.2	2.0	0.45	10	0.28	2.3	1.2
17	0.45	0.64	6.8	0.87	3.4	e2.3	1.6	0.42	1.2	0.59	1.3	24
18	0.33	0.67	2.5	4.3	2.6	3.7	1.4	3.5	0.64	4.6	0.87	4.1
19	0.42	10	1.6	1.6	2.1	3.6	1.2	1.7	0.40	0.48	0.71	1.8
20	0.49	2.6	1.2	1.0	1.8	2.5	1.2	0.59	0.30	0.31	0.61	1.4
21	0.54	1.0	1.1	0.95	2.0	6.7	1.1	0.44	9.8	0.29	9.0	1.1
22	0.64	0.74	1.0	0.95	2.0	2.5	0.97	0.42	15	0.51	5.9	0.94
23	0.65	0.69	1.0	0.96	1.6	2.3	0.91	3.1	66	0.22	1.4	0.88
24	0.73	0.77	1.1	0.91	1.6	2.9	1.0	1.8	17	0.22	0.90	0.96
25	0.64	1.0	0.98	1.7	1.6	2.0	0.86	0.59	46	0.27	0.67	1.1
26	0.56	0.98	0.90	1.4	2.4	1.3	1.2	0.36	19	0.36	0.58	1.3
27	0.66	1.0	0.82	2.8	11	1.3	1.7	0.34	3.7	22	0.55	52
28	6.9	1.7	0.80	5.8	22	1.2	0.84	0.32	2.2	2.9	0.60	87
29	11	1.2	0.80	2.8	24	1.3	0.75	0.31	1.4	24	4.2	3.7
30	2.1	0.82	0.82	1.8	---	4.2	0.69	0.33	1.1	2.7	4.7	1.4
31	0.86	---	0.79	1.4	---	23	---	3.2	---	1.00	1.9	---
TOTAL	48.74	34.85	122.83	51.77	301.1	188.0	102.52	72.59	251.56	100.53	140.95	404.66
MEAN	1.57	1.16	3.96	1.67	10.4	6.06	3.42	2.34	8.39	3.24	4.55	13.5
MAX	12	10	31	5.8	111	37	29	21	66	24	49	113
MIN	0.31	0.50	0.69	0.77	1.1	1.2	0.69	0.31	0.26	0.22	0.37	0.88
CFSM	0.23	0.17	0.59	0.25	1.54	0.90	0.51	0.35	1.25	0.48	0.68	2.00
IN.	0.27	0.19	0.68	0.29	1.66	1.04	0.57	0.40	1.39	0.56	0.78	2.24

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	4.97	3.24	5.63	7.31	8.37	13.3	9.64	7.95	5.28	7.01	4.49	5.46
MAX	15.4	10.5	19.9	14.2	12.8	34.6	36.5	42.1	16.3	28.6	14.8	13.5
(WY)	(2000)	(2003)	(2003)	(1999)	(2000)	(2003)	(2003)	(2003)	(2003)	(1998)	(2003)	(2004)
MIN	0.81	1.16	1.61	1.67	3.28	3.06	2.26	0.93	0.76	1.63	0.28	1.19
(WY)	(2001)	(2004)	(2002)	(2004)	(2002)	(1999)	(2001)	(2000)	(2002)	(1999)	(2001)	(2003)

0214678175 STEELE CREEK AT SECONDARY ROAD 1441 NEAR PINEVILLE, NC—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	5,414.11		1,820.10		6.73	
ANNUAL MEAN	14.8		4.97		17.6	
HIGHEST ANNUAL MEAN					3.40	2003
LOWEST ANNUAL MEAN					0.05	2002
HIGHEST DAILY MEAN	519	Mar 20	113	Sep 8	519	Mar 20, 2003
LOWEST DAILY MEAN	0.31	Oct 14	0.22	Jul 23	0.06	Aug 20, 2001
ANNUAL SEVEN-DAY MINIMUM	0.39	Oct 12	0.31	Jul 20	0.06	Aug 25, 2001
MAXIMUM PEAK FLOW			665	Sep 28	2,450	Jul 27, 1998
MAXIMUM PEAK STAGE			7.03	Sep 28	11.44	Jul 27, 1998
INSTANTANEOUS LOW FLOW			0.18	Jul 23	0.04*	Aug 16, 2001
ANNUAL RUNOFF (CFSM)	2.20		0.739		1.000	
ANNUAL RUNOFF (INCHES)	29.93		10.06		13.59	
10 PERCENT EXCEEDS	22		11		12	
50 PERCENT EXCEEDS	3.7		1.2		1.4	
90 PERCENT EXCEEDS	0.55		0.42		0.39	

\* See REMARKS.  
e Estimated.

