

## 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 and crest-stage gage. Datum of gage is 562.23 ft above NGVD of 1929, from levels. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Minimum discharge for current water year also occurred Sept. 19. 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 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.86	0.53	2.5	1.2	2.0	10	11	7.3	19	1.3	3.6	0.21
2	0.70	0.64	1.5	1.2	1.5	5.3	8.3	1.8	56	1.4	1.6	0.20
3	0.58	1.4	1.2	1.2	30	3.6	4.9	1.3	5.0	1.2	1.1	0.22
4	0.63	16	0.96	1.2	7.5	2.9	3.5	1.1	2.3	0.93	1.1	0.23
5	0.52	2.2	0.91	1.2	3.6	2.5	3.2	1.1	1.5	0.62	1.8	0.24
6	0.43	0.75	8.4	1.2	2.5	2.0	2.8	1.7	2.6	0.57	1.1	0.85
7	0.38	0.57	5.2	1.2	2.0	2.0	3.8	1.1	1.7	39	0.72	0.30
8	0.35	0.43	2.0	1.2	1.8	27	3.8	0.99	3.4	4.8	15	0.30
9	0.30	0.52	4.6	1.1	1.8	5.4	2.7	0.88	1.7	1.2	78	0.32
10	0.26	2.4	100	1.1	1.8	3.5	2.1	13	0.90	0.93	7.0	0.29
11	0.27	0.66	8.5	1.2	1.5	2.9	2.0	5.1	0.86	1.6	5.1	0.24
12	0.31	9.7	4.3	1.2	1.3	2.4	58	7.9	0.63	1.7	4.2	0.29
13	18	2.4	2.9	1.2	1.4	2.2	38	6.2	0.63	1.5	2.0	0.23
14	1.1	0.75	2.1	69	8.8	2.2	37	1.7	0.62	1.0	1.0	0.22
15	0.53	0.50	1.7	5.7	3.5	10	7.4	1.2	0.54	0.66	0.81	0.21
16	0.41	2.1	1.6	3.3	2.0	27	4.5	1.0	0.41	0.85	0.63	0.64
17	0.32	0.78	1.5	2.3	1.5	28	3.3	0.91	0.35	0.55	4.3	0.56
18	0.27	0.46	1.4	1.7	1.3	8.0	2.7	0.79	0.36	0.49	41	0.20
19	0.27	0.43	1.5	1.7	1.2	4.6	2.4	0.72	4.6	0.47	2.5	0.16
20	0.27	0.55	1.2	1.6	2.1	3.6	2.1	29	1.3	0.40	1.1	0.19
21	0.26	0.52	1.3	1.5	19	2.9	1.8	2.7	0.55	0.48	0.79	1.1
22	0.27	0.54	1.3	1.3	6.5	23	6.9	1.3	0.57	1.9	0.65	0.19
23	0.38	9.5	16	1.3	3.0	46	5.0	1.1	0.39	2.0	11	0.23
24	0.64	14	3.7	1.1	22	9.1	2.0	0.85	0.33	0.52	2.6	0.25
25	0.37	5.9	2.1	1.2	5.8	5.2	1.7	0.69	0.30	0.38	0.94	0.24
26	0.31	1.6	1.7	1.2	3.3	3.6	1.4	0.63	6.5	0.36	0.62	0.21
27	0.30	9.9	1.4	1.2	4.5	8.3	1.5	0.60	13	0.34	0.51	0.28
28	0.34	11	1.3	1.1	83	248	1.3	0.67	35	4.0	0.46	0.27
29	0.39	2.4	1.3	1.7	---	12	2.2	0.55	4.2	50	0.39	4.7
30	0.35	1.6	1.2	14	---	6.5	9.0	5.0	1.5	30	0.37	1.2
31	0.47	---	1.2	3.9	---	28	---	1.2	---	12	0.30	---
TOTAL	30.84	100.73	186.47	130.2	226.2	547.7	236.3	100.08	166.74	163.15	192.29	14.77
MEAN	0.99	3.36	6.02	4.20	8.08	17.7	7.88	3.23	5.56	5.26	6.20	0.49
MAX	18	16	100	69	83	248	58	29	56	50	78	4.7
MIN	0.26	0.43	0.91	1.1	1.2	2.0	1.3	0.55	0.30	0.34	0.30	0.16
CFSM	0.15	0.50	0.89	0.62	1.20	2.63	1.17	0.48	0.83	0.78	0.92	0.07
IN.	0.17	0.56	1.03	0.72	1.25	3.03	1.31	0.55	0.92	0.90	1.06	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	4.41	3.25	5.69	6.87	8.33	13.9	9.39	7.36	5.31	6.79	4.70	4.84
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	0.49
(WY)	(2001)	(2004)	(2002)	(2004)	(2002)	(1999)	(2001)	(2000)	(2002)	(1999)	(2001)	(2005)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1998 - 2005

ANNUAL TOTAL	1,931.72	2,095.47		
ANNUAL MEAN	5.28	5.74		
HIGHEST ANNUAL MEAN			6.59	
LOWEST ANNUAL MEAN			17.6	2003
HIGHEST DAILY MEAN	113	Sep 8	248	Mar 28
LOWEST DAILY MEAN	0.22	Jul 23	0.16	Sep 19
ANNUAL SEVEN-DAY MINIMUM	0.29	Oct 17	0.24	Sep 22
MAXIMUM PEAK FLOW			919	Mar 28
MAXIMUM PEAK STAGE			7.98	Mar 28
INSTANTANEOUS LOW FLOW			0.12*	Sep 18
ANNUAL RUNOFF (CFSM)	0.784	0.853		0.979
ANNUAL RUNOFF (INCHES)	10.68	11.58		13.30
10 PERCENT EXCEEDS	12	11		12
50 PERCENT EXCEEDS	1.4	1.4		1.4
90 PERCENT EXCEEDS	0.38	0.32		0.38

\* See REMARKS.

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

