0214678175 STEELE CREEK AT SECONDARY ROAD 1441 NEAR PINEVILLE, NC

Santee Basin
Lower Catawba Subbasin

LOCATION.--Lat 35°06′18″, long 80°57′13″ referenced to North American Datum of 1983, Mecklenburg County, NC, 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^2.

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 561.83 ft above North American Vertical Datum of 1988, from levels. Radio telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Minimum discharge for period of record also occurred Aug. 17, 19, 20, 22, 23, 27, 28, 30, 2001.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.35	0.51	1.4	2.2	2.4	1.5	1.7	0.66	0.18	1.1	0.38	26
2	0.24	0.57	1.1	17	2.1	1.4	1.4	0.58	3.0	0.85	0.33	6.4
3	0.16	0.78	1.6	12	2.4	1.3	1.9	0.51	3.0	0.72	0.31	2.8
4	0.14	0.70	6.9	6.3	8.5	1.2	1.6	0.45	0.90	0.74	0.27	1.9
5	0.17	0.74	236	5.2	4.2	1.2	1.3	6.4	3.0	24	16	3.7
6	35	0.71	15	5.9	2.6	1.4	1.3	3.3	0.54	13	5.8	1.4
7	91	0.65	5.5	2.9	4.5	1.5	1.2	5.1	0.30	2.4	1.4	1.00
8	46	0.87	3.2	2.4	3.0	1.2	1.2	1.9	0.25	1.1	0.56	10
9	2.7	0.98	18	2.1	3.3	1.3	1.2	0.98	0.30	0.77	0.35	3.3
10	5.2	0.87	5.0	1.9	2.7	1.3	1.2	0.83	0.33	0.71	44	3.2
11	5.5	1.1	3.2	6.4	9.9	1.3	1.0	0.76	0.54	0.64	11	1.3
12	1.8	1.0	2.3	3.5	5.8	1.5	1.0	1.0	5.2	0.52	12	0.70
13	1.0	0.95	1.8	27	2.8	1.5	1.0	1.0	4.9	0.47	2.1	255
14	0.80	1.1	1.5	18	2.2	1.3	1.1	1.2	76	0.55	0.99	106
15	0.77	0.84	214	6.1	2.7	1.1	1.2	1.3	2.5	0.54	0.73	8.9
16	0.64	1.0	25	4.1	1.8	1.2	1.0	1.4	0.88	0.53	3.5	4.5
17	0.57	1.0	8.2	5.8	1.8	1.2	7.7	1.3	0.57	0.46	0.96	2.6
18	0.78	1.0	5.2	16	1.9	1.2	2.7	1.7	0.39	0.44	0.59	2.1
19	0.79	1.1	3.6	4.9	1.8	1.2	8.8	3.2	0.31	1.3	0.49	2.2
20	0.61	1.2	2.8	3.4	1.6	7.1	2.6	11	0.24	0.62	0.51	1.5
21	0.57	36	2.3	11	1.9	17	1.6	1.7	0.22	0.32	0.39	1.2
22	0.52	124	2.0	5.5	2.2	3.4	21	0.79	0.22	68	0.94	1.1
23	0.62	5.4	1.8	11	7.3	2.1	3.6	0.51	2.4	79	1.2	1.2
24	0.62	2.3	2.1	8.6	2.2	3.1	1.6	0.41	2.8	64	0.49	1.1
25	0.71	1.4	25	4.6	1.7	1.9	1.1	0.38	31	2.9	0.83	1.2
26	0.67	1.2	7.1	3.2	1.8	1.5	5.0	0.27	12	1.4	1.2	1.3
27	0.61	1.2	3.9	3.3	1.5	1.3	8.8	0.23	196	1.1	0.46	1.2
28	0.68	3.5	7.8	2.9	1.5	1.3	1.9	0.24	15	0.65	0.23	1.3
29	0.64	13	7.9	4.1	---	1.3	1.0	0.18	2.7	1.1	4.9	1.9
30	0.60	3.1	3.7	2.9	---	1.3	0.78	0.16	1.4	1.2	152	1.9
31	0.56	---	2.8	4.7	---	1.3	---	0.16	---	0.51	456	---
Total	201.02	208.77	627.7	214.9	88.1	67.4	88.48	49.60	367.07	271.64	720.91	457.90
Mean	6.48	6.96	20.2	6.93	3.15	2.17	2.95	1.60	12.2	8.76	23.3	15.3
Max	91	124	236	27	9.9	17	21	11	196	79	456	255
Min	0.14	0.51	1.1	1.9	1.5	1.1	0.78	0.16	0.18	0.32	0.23	0.70
Cfsm	0.96	1.03	3.01	1.03	0.47	0.32	0.44	0.24	1.82	1.30	3.46	2.27
In.	1.11	1.15	3.47	1.19	0.49	0.37	0.49	0.27	2.03	1.50	3.98	2.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4.67	3.72	7.51	6.88	7.69	12.5	8.58	6.72	6.08	7.01	6.76	6.00
Max	15.4	10.5	20.2	14.2	12.8	34.6	36.5	42.1	16.3	28.6	23.3	15.3
(WY)	(2000)	(2003)	(2006)	(1999)	(2000)	(2003)	(2003)	(2003)	(2003)	(1998)	(2006)	(2006)
Min	0.81	1.16	1.61	1.67	3.15	2.17	2.26	0.93	0.76	1.63	0.28	0.49
(WY)	(2001)	(2004)	(2002)	(2004)	(2006)	(2006)	(2001)	(2000)	(2002)	(1999)	(2001)	(2005)

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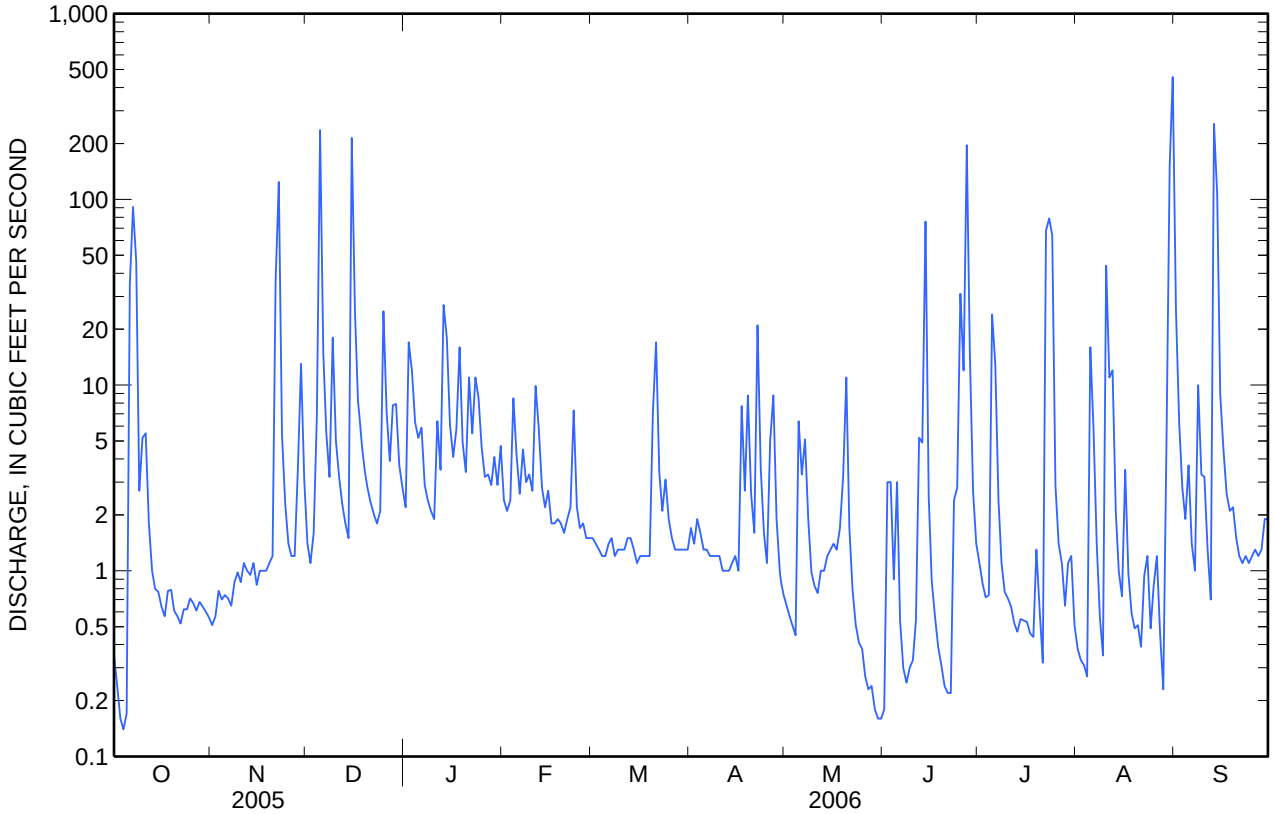
SUMMARY STATISTICS

	Calendar Year 2005		Water Year 2006		Water Years 1998 - 2006	
Annual total	2,814.92		3,363.49			
Annual mean	7.71		9.22		6.92	
Highest annual mean					17.6	2003
Lowest annual mean					3.40	2002
Highest daily mean	248	Mar 28	456	Aug 31	519	Mar 20, 2003
Lowest daily mean	0.14	Oct 4	0.14	Oct 4	0.05	Aug 20, 2001
Annual seven-day minimum	0.24	Sep 22	0.20	May 26	0.06	Aug 25, 2001
Maximum peak flow			1,780	Aug 31	2,450	Jul 27, 1998
Maximum peak stage			10.17	Aug 31	11.44	Jul 27, 1998
Instantaneous low flow			0.12	Oct 4	[a]0.04	Aug 16, 2001
Annual runoff (cfsm)	1.15		1.37		1.03	
Annual runoff (inches)	15.56		18.59		13.96	
10 percent exceeds	14		12		12	
50 percent exceeds	1.5		1.5		1.4	
90 percent exceeds	0.37		0.48		0.39	

[a] See Remarks.