

02084160 CHICOD CREEK AT SECONDARY ROAD 1760 NEAR SIMPSON, NC

LOCATION.--Lat 35°33'48", long 77°13'42", Pitt County, Hydrologic Unit 03020103, on left bank at downstream side of bridge on Secondary Road 1760, 0.6 mi upstream from Juniper Branch, and 2.8 mi east-southeast of Simpson.

DRAINAGE AREA.--45 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1975 to March 1987. May 1992 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 1.1 ft below NAVD of 1988. Satellite telemetry at station.

REMARKS.--Records poor. Maximum gage height for period of record from flood mark. No flow occurs at times during most years.

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	0.02	11	22	10	5.2	167	31	7.3	196	1.9	34	11
2	0.00	9.8	23	16	5.1	113	31	6.5	202	6.1	28	8.9
3	0.00	9.1	24	16	4.8	94	30	6.3	113	151	27	7.4
4	0.00	9.2	24	13	4.6	66	30	6.1	60	104	33	8.1
5	0.00	9.7	60	12	4.4	55	25	6.2	36	33	28	33
6	0.00	14	88	10	4.8	183	22	14	24	14	28	52
7	0.00	17	54	8.9	10	359	27	31	17	9.4	72	34
8	0.00	18	40	8.0	16	179	41	28	14	8.2	313	27
9	0.00	16	34	7.6	11	120	370	16	12	7.2	362	26
10	0.00	15	32	7.0	15	83	886	10	10	7.3	270	23
11	9.6	15	33	6.4	27	57	623	10	8.8	8.9	252	21
12	131	29	36	5.9	14	45	297	7.9	8.1	9.9	184	19
13	43	81	44	5.9	9.4	38	157	4.8	7.2	9.1	121	19
14	11	65	62	5.7	7.9	34	77	2.7	7.0	13	161	17
15	8.3	31	25	5.4	7.1	30	39	2.0	6.7	16	204	16
16	8.4	28	16	5.3	14	29	23	1.8	6.8	18	133	15
17	9.2	91	13	5.8	532	30	15	1.3	6.0	23	103	13
18	9.1	180	11	5.2	335	32	11	2.5	4.7	19	92	314
19	8.7	106	11	5.1	161	30	11	142	4.9	15	74	1,160
20	8.4	49	11	4.8	103	46	9.6	187	5.3	14	61	639
21	8.8	30	14	4.7	74	447	8.1	76	5.3	13	48	289
22	9.0	26	13	4.7	61	396	7.8	31	4.9	11	39	143
23	8.6	23	11	4.8	181	182	7.7	130	4.3	66	33	88
24	8.0	22	11	4.4	175	108	5.8	850	3.0	672	30	70
25	7.7	22	17	4.2	92	71	5.7	532	2.5	259	26	57
26	7.3	24	18	4.2	60	50	7.0	615	1.9	86	27	38
27	6.7	24	14	4.1	58	39	7.6	664	1.7	73	26	28
28	6.7	24	12	3.7	179	32	8.2	578	1.3	66	25	77
29	8.1	23	10	3.8	---	30	9.2	314	1.1	39	22	305
30	11	23	9.3	4.3	---	30	8.1	187	2.0	42	19	215
31	11	---	9.1	5.3	---	32	---	135	---	34	15	---
TOTAL	339.62	1,044.8	801.4	212.2	2,171.3	3,207	2,830.8	4,605.4	777.5	1,849.0	2,890	3,773.4
MEAN	11.0	34.8	25.9	6.85	77.5	103	94.4	149	25.9	59.6	93.2	126
MAX	131	180	88	16	532	447	886	850	202	672	362	1,160
MIN	0.00	9.1	9.1	3.7	4.4	29	5.7	1.3	1.1	1.9	15	7.4
CFSM	0.24	0.77	0.57	0.15	1.72	2.30	2.10	3.30	0.58	1.33	2.07	2.80
IN.	0.28	0.86	0.66	0.18	1.79	2.65	2.34	3.81	0.64	1.53	2.39	3.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2003,@ BY WATER YEAR (WY)

MEAN	30.6	31.2	46.0	94.4	85.0	95.2	55.3	33.5	31.7	19.7	40.8	96.4
MAX	274	219	94.2	244	245	201	144	149	192	120	238	1,188
(WY)	(2000)	(1978)	(1978)	(1978)	(1998)	(1980)	(1978)	(2003)	(1995)	(1996)	(1992)	(1999)
MIN	0.27	1.23	4.41	6.85	19.7	18.0	4.49	0.65	0.001	0.89	0.000	0.024
(WY)	(1977)	(1982)	(2002)	(2003)	(1977)	(1981)	(1981)	(1985)	(1985)	(1998)	(1976)	(2002)

SUMMARY STATISTICS

FOR 2002 CALENDAR YEAR

FOR 2003 WATER YEAR

WATER YEARS 1976 - 2003@

ANNUAL TOTAL	9,491.22	24,502.42	
ANNUAL MEAN	26.0	67.1	54.4
HIGHEST ANNUAL MEAN			129
LOWEST ANNUAL MEAN			20.4
HIGHEST DAILY MEAN	525	Apr 1	1,160
LOWEST DAILY MEAN	0.00	Aug 4	0.00
ANNUAL SEVEN-DAY MINIMUM	0.00	Aug 4	0.00
MAXIMUM PEAK FLOW			1,350
MAXIMUM PEAK STAGE			11.37
INSTANTANEOUS LOW FLOW			0.00*
ANNUAL RUNOFF (CFSM)	0.58		1.49
ANNUAL RUNOFF (INCHES)	7.85		20.26
10 PERCENT EXCEEDS	62		180
50 PERCENT EXCEEDS	8.8		19
90 PERCENT EXCEEDS	0.00		4.8

NOT DETERMINED

21.46\* Sep 18, 1999

0.00\* Jul 19, 1976

1.21

124

11

0.43

02084160 CHICOD CREEK AT SECONDARY ROAD 1760 NEAR SIMPSON, NC—Continued

