

## 02084160 CHICOD CREEK AT SECONDARY ROAD 1760 NEAR SIMPSON, NC

LOCATION.--Lat 35°33'42", long 77°13'51", 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 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123	257	28	42	50	102	33	24	4.8	36	21	e9.8
2	70	164	27	42	46	79	35	25	3.4	106	30	e7.0
3	41	108	27	40	46	66	32	180	3.6	266	96	e5.2
4	24	76	29	40	48	56	28	424	11	79	76	e4.1
5	16	61	46	38	46	49	24	210	214	32	e38	e3.9
6	15	62	60	40	46	45	21	116	47	17	e24	e6.9
7	e14	96	49	42	49	42	18	73	18	9.9	e16	38
8	e13	151	42	38	48	39	17	50	13	7.3	e12	38
9	e35	104	37	38	44	35	16	35	72	6.1	e9.6	18
10	e72	72	38	41	42	33	14	25	35	5.4	e8.8	18
11	e120	57	450	38	40	31	14	18	28	24	e8.1	12
12	e64	49	314	38	47	29	20	14	39	305	e12	6.8
13	e40	43	148	39	89	e27	34	10	24	95	37	4.0
14	e46	37	423	38	83	e26	63	9.2	16	32	197	2.6
15	e87	33	603	38	101	e30	54	8.5	11	17	642	2.4
16	e73	32	304	36	177	e50	43	6.9	8.8	9.9	433	3.2
17	e55	31	203	35	178	122	35	5.5	7.4	7.2	251	5.4
18	e45	31	179	36	179	75	28	3.9	8.8	5.7	e190	12
19	e37	34	135	39	133	58	23	3.4	151	4.7	e145	35
20	e30	68	105	40	94	49	20	3.3	85	3.8	e102	27
21	e25	103	84	38	76	42	17	2.9	52	3.8	e68	14
22	e22	67	70	36	64	37	14	5.8	24	4.3	e51	7.7
23	e20	52	63	35	55	31	12	72	15	23	e40	4.6
24	e18	44	69	34	51	26	11	356	12	33	e31	3.0
25	e27	38	85	35	51	23	11	68	15	20	e22	2.6
26	e20	34	76	40	51	22	11	20	23	27	e16	2.4
27	e18	35	64	43	164	22	29	12	32	24	e11	2.0
28	46	33	57	52	289	23	39	7.7	36	13	e8.6	2.2
29	781	31	52	57	152	22	38	5.8	55	10	e7.2	2.8
30	750	29	48	57	---	21	29	5.1	58	9.6	e6.1	2.9
31	400	---	46	55	---	22	---	5.1	---	10	e6.9	---
TOTAL	3,147	2,032	3,961	1,260	2,539	1,334	783	1,805.1	1,122.8	1,246.7	2,616.3	303.5
MEAN	102	67.7	128	40.6	87.6	43.0	26.1	58.2	37.4	40.2	84.4	10.1
MAX	781	257	603	57	289	122	63	424	214	305	642	38
MIN	13	29	27	34	40	21	11	2.9	3.4	3.8	6.1	2.0
CFSM	2.26	1.51	2.84	0.90	1.95	0.96	0.58	1.29	0.83	0.89	1.88	0.22
IN.	2.60	1.68	3.27	1.04	2.10	1.10	0.65	1.49	0.93	1.03	2.16	0.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2004, <sup>@</sup> BY WATER YEAR (WY)

MEAN	33.8	32.7	49.5	92.2	85.1	93.0	54.1	34.5	32.0	20.6	41.9	92.7
MAX	274	219	128	244	245	201	144	149	192	120	238	1,188
(WY)	(2000)	(1978)	(2004)	(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	0.00	0.89	0.00	0.02
(WY)	(1977)	(1982)	(2002)	(2003)	(1977)	(1981)	(1981)	(1985)	(1985)	(1998)	(1976)	(2002)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1976 - 2004 <sup>@</sup>	
ANNUAL TOTAL	31,456.6		21,574.0		54.6	
ANNUAL MEAN	86.2		58.9		129	
HIGHEST ANNUAL MEAN					20.4	
LOWEST ANNUAL MEAN					2001	
HIGHEST DAILY MEAN	1,160	Sep 19	781	Oct 29	4,560	Sep 18, 1999
LOWEST DAILY MEAN	1.1	Jun 29	0.54	Sep 5	0.00	Jul 19, 1976
ANNUAL SEVEN-DAY MINIMUM	1.8	Jun 25	0.80	Aug 30	0.00	Jul 19, 1976
MAXIMUM PEAK FLOW			1,230	Oct 29	NOT DETERMINED	
MAXIMUM PEAK STAGE			11.27	Oct 29	21.46*	Sep 18, 1999
INSTANTANEOUS LOW FLOW			NOT DETERMINED		0.00*	Jul 19, 1976
ANNUAL RUNOFF (CFSM)	1.92		1.31		1.21	
ANNUAL RUNOFF (INCHES)	26.00		17.83		16.48	
10 PERCENT EXCEEDS	208		121		124	
50 PERCENT EXCEEDS	31		35		12	
90 PERCENT EXCEEDS	5.2		4.7		0.47	

<sup>@</sup> See PERIOD OF RECORD.

\* See REMARKS.

e Estimated.

