

PAMLICO RIVER BASIN

02084160 CHICOD CREEK AT SECONDARY ROAD 1760 NEAR SIMPSON, NC

LOCATION.--Lat 35°33'47", long 77°13'43", 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 at NGVD of 1929. 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.8	3.0	e3.8	e6.0	14	19	525	4.6	0.84	4.2	0.32	0.19
2	4.3	2.7	e3.6	e5.6	e10	24	306	4.0	0.88	4.1	0.14	0.14
3	4.1	2.3	e3.4	e9.0	16	502	136	3.1	0.74	3.1	0.03	0.08
4	3.7	2.1	e5.4	e12	17	395	244	3.3	0.63	2.2	0.00	0.03
5	3.5	1.8	e6.0	e20	17	e180	124	5.4	0.54	1.7	0.00	0.00
6	4.0	1.7	e5.0	27	17	98	61	5.7	0.44	1.9	0.00	0.00
7	5.4	1.6	e4.0	93	53	67	37	4.9	3.2	1.5	0.00	0.00
8	5.1	1.6	e4.2	45	e130	50	25	3.8	3.5	1.2	0.00	0.00
9	4.7	1.5	e5.0	30	e84	40	19	3.1	3.1	0.97	0.00	0.00
10	4.9	1.4	e4.0	23	55	34	22	2.6	3.2	0.82	0.00	0.00
11	4.7	1.4	e4.8	21	53	28	44	2.1	2.9	1.0	0.00	0.00
12	4.5	1.3	e5.4	19	48	25	35	1.8	2.3	0.82	0.00	0.00
13	4.2	1.2	e5.2	136	37	e50	26	1.5	1.9	0.63	0.00	0.00
14	3.9	1.2	e4.8	116	30	122	23	1.9	1.5	0.56	0.00	0.00
15	3.6	1.3	e3.8	71	26	119	23	1.5	1.4	0.55	0.00	0.00
16	3.1	1.4	e2.0	63	24	71	19	1.4	1.1	0.47	0.00	0.00
17	2.8	1.4	e3.8	42	22	47	16	1.2	0.89	0.35	0.00	0.01
18	2.5	1.4	e5.0	31	20	36	13	1.4	0.83	0.22	0.00	0.02
19	2.2	1.6	e4.2	28	18	34	11	2.1	0.75	0.11	0.00	0.00
20	2.1	3.1	e3.8	96	18	27	13	1.7	0.70	0.03	0.00	0.00
21	1.9	e2.0	e3.6	100	21	28	15	1.3	0.65	0.03	0.00	0.00
22	1.9	e1.4	e4.0	78	22	40	15	1.2	0.66	0.07	0.00	0.00
23	1.8	e1.0	e4.2	106	23	36	12	1.1	0.68	0.08	0.00	0.00
24	1.9	e1.4	e3.6	385	23	26	8.9	0.89	0.62	0.23	0.00	0.00
25	2.3	e3.0	e4.4	185	23	22	7.1	0.81	0.48	0.75	0.00	0.00
26	2.2	e3.6	e4.6	118	21	19	6.7	0.73	0.32	1.3	0.00	0.01
27	1.9	e4.4	e3.8	79	20	38	6.0	0.58	0.23	1.5	0.00	0.06
28	1.5	e5.0	e5.2	56	20	81	6.0	0.51	0.24	1.4	0.01	0.07
29	1.3	e4.6	e5.4	44	---	48	5.5	0.62	0.34	1.2	0.12	0.06
30	1.6	e4.0	e5.2	31	---	33	4.6	0.80	2.7	1.0	0.13	0.04
31	3.7	---	e5.6	19	---	40	---	0.84	---	0.61	0.20	---
TOTAL	100.1	65.4	136.8	2094.6	882	2379	1808.8	66.48	38.26	34.60	0.95	0.71
MEAN	3.229	2.180	4.413	67.57	31.50	76.74	60.29	2.145	1.275	1.116	0.031	0.024
MAX	5.4	5.0	6.0	385	130	502	525	5.7	3.5	4.2	0.32	0.19
MIN	1.3	1.0	2.0	5.6	10	19	4.6	0.51	0.23	0.03	0.00	0.00
CFSM	0.07	0.05	0.10	1.50	0.70	1.71	1.34	0.05	0.03	0.02	0.00	0.00
IN.	0.08	0.05	0.11	1.73	0.73	1.97	1.50	0.05	0.03	0.03	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2002,® BY WATER YEAR (WY)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	
MEAN	31.55	31.02	46.97	98.43	85.30	94.84	53.46	28.25	32.01	17.88	38.42	95.05																
MAX	274	219	94.2	244	245	201	144	139	192	120	238	1188																
(WY)	2000	1978	1978	1978	1998	1980	1978	1978	1995	1996	1992	1999																
MIN	0.27	1.23	4.41	11.3	19.7	18.0	4.49	0.65	0.001	0.89	0.000	0.023																
(WY)	1977	1982	2002	2001	1977	1981	1981	1985	1985	1998	1976	2002																

SUMMARY STATISTICS

FOR 2001 CALENDAR YEAR

FOR 2002 WATER YEAR

WATER YEARS 1976 - 2002®

ANNUAL TOTAL	6709.25	7607.70	
ANNUAL MEAN	18.38	20.84	53.70
HIGHEST ANNUAL MEAN			129
LOWEST ANNUAL MEAN			20.4
HIGHEST DAILY MEAN	810	Aug 14	525
LOWEST DAILY MEAN	0.01	Jul 18	0.00
ANNUAL SEVEN-DAY MINIMUM	0.02	Jul 16	0.00
MAXIMUM PEAK FLOW			757
MAXIMUM PEAK STAGE			9.43
INSTANTANEOUS LOW FLOW			0.00*
ANNUAL RUNOFF (CFSM)	0.41		0.46
ANNUAL RUNOFF (INCHES)	5.55		6.29
10 PERCENT EXCEEDS	27		49
50 PERCENT EXCEEDS	4.9		3.2
90 PERCENT EXCEEDS	0.56		0.00

e Estimated.  
® See PERIOD OF RECORD.  
\* See REMARKS.

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

