

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 mi².

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

GAGE.--Water-stage recorder and concrete control. Datum of gage is sea level. Satellite telemetry at station.

REMARKS.--Records poor. Maximum gage height for period of record from flood mark.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.9	e1.0	17	10	12	21	51	1.8	3.1	.24	15	16
2	3.5	e1.0	18	9.7	13	18	51	1.3	9.5	.18	7.0	15
3	2.4	e.90	22	9.6	13	19	44	1.1	15	.20	4.0	13
4	2.1	e.90	26	10	13	47	32	.97	9.0	.31	2.2	12
5	e2.0	e1.1	26	9.5	16	86	24	.71	5.4	.51	1.5	11
6	e2.0	e1.2	29	9.7	19	54	18	.67	5.1	.35	1.4	10
7	e2.0	e1.6	30	8.6	18	36	15	.44	3.2	.33	1.4	9.3
8	e1.9	e1.7	34	8.4	17	28	12	.41	2.3	.38	1.3	8.2
9	e1.9	e1.8	39	9.5	16	23	10	.33	1.8	.43	1.1	7.4
10	e1.8	e2.1	39	9.8	16	19	8.9	.22	1.1	.37	.97	7.1
11	e1.8	e2.5	37	9.9	15	16	7.5	.13	.61	.31	.72	7.2
12	e1.8	e2.9	38	11	14	14	6.3	.08	.40	.26	.92	9.0
13	e1.7	e3.1	36	12	16	14	6.9	4.3	.23	.24	3.0	9.5
14	e1.7	e3.8	35	12	18	17	5.6	9.2	10	.22	810	8.5
15	e1.6	e4.0	38	11	19	21	4.8	4.9	435	.12	407	7.7
16	e1.6	e4.8	34	12	18	25	4.5	3.1	398	.08	94	7.1
17	e1.5	e5.5	32	13	27	25	4.0	2.0	266	.03	30	6.2
18	e1.5	e6.0	31	12	38	22	5.0	1.5	96	.01	14	5.5
19	e1.4	e7.0	26	11	29	19	4.9	1.3	20	e.01	12	4.9
20	e1.4	e8.0	22	19	24	19	4.8	2.0	7.0	.02	19	4.5
21	e1.3	e9.0	19	17	22	282	4.6	3.8	4.0	.01	88	4.3
22	e1.3	e10	18	17	29	318	4.4	2.0	1.6	e.01	56	4.0
23	e1.2	e12	15	15	68	141	3.8	1.2	.95	.37	20	3.6
24	e1.2	e15	14	13	51	72	3.6	.97	1.1	.53	12	4.0
25	e1.1	e17	12	13	37	42	4.2	.75	1.2	.34	11	7.0
26	e1.1	e20	11	11	32	29	5.0	1.1	.96	.36	8.5	6.5
27	e1.1	e22	11	10	27	22	4.1	2.6	.70	1.7	5.6	6.0
28	e1.0	e26	11	9.5	24	17	3.9	2.0	.58	3.3	5.5	5.8
29	e1.0	e21	11	8.7	---	18	3.2	4.2	.41	3.1	6.7	5.7
30	e1.0	e19	12	8.7	---	55	2.4	4.7	.30	75	9.6	5.4
31	e1.0	---	13	11	---	80	---	3.5	---	66	16	---
TOTAL	53.8	231.90	756	351.6	661	1619	359.4	63.28	1300.54	155.32	1665.41	231.4
MEAN	1.74	7.73	24.4	11.3	23.6	52.2	12.0	2.04	43.4	5.01	53.7	7.71
MAX	5.9	26	39	19	68	318	51	9.2	435	75	810	16
MIN	1.0	.90	11	8.4	12	14	2.4	.08	.23	.01	.72	3.6
CFSM	.04	.17	.54	.25	.52	1.16	.27	.05	.96	.11	1.19	.17
IN.	.04	.19	.62	.29	.55	1.34	.30	.05	1.08	.13	1.38	.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2001,® 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
MEAN	33.0	32.4	49.0	99.9	87.8	95.7	53.1	29.5	33.5	18.7	40.2	99.6														
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	.27	1.23	4.57	11.3	19.7	18.0	4.49	.65	.001	.89	.000	.22														
(WY)	1977	1982	1982	2001	1977	1981	1981	1985	1985	1998	1976	1995														

SUMMARY STATISTICS

	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1976 - 2001®
ANNUAL TOTAL	17707.24	7448.65	
ANNUAL MEAN	48.4	20.4	55.5
HIGHEST ANNUAL MEAN			129
LOWEST ANNUAL MEAN			20.4
HIGHEST DAILY MEAN	793	810	4560
LOWEST DAILY MEAN	.24	.01	.00
ANNUAL SEVEN-DAY MINIMUM	.49	.02	.00
MAXIMUM PEAK FLOW		1170	NOT DETERMINED
MAXIMUM PEAK STAGE		10.24	21.46*
INSTANTANEOUS LOW FLOW		NOT DETERMINED	.00
ANNUAL RUNOFF (CFSM)	1.08	.45	1.23
ANNUAL RUNOFF (INCHES)	14.64	6.16	16.76
10 PERCENT EXCEEDS	142	34	123
50 PERCENT EXCEEDS	5.8	7.5	12
90 PERCENT EXCEEDS	.88	.56	.48

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

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

