

PAMLICO RIVER BASIN

02083800 CONETOE CREEK NEAR BETHEL, NC

LOCATION.--Lat 35°46'33", long 77°27'45", Pitt County, Hydrologic Unit 03020103, on right bank 5 ft downstream of bridge on Secondary Road 1409, 5.5 mi downstream of Crisp Creek, and 5.5 mi west of Bethel.

DRAINAGE AREA.--78.1 mi².

PERIOD OF RECORD.--December 1956 to June 2002 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 30 ft above NGVD of 1929, from topographic map. Telephone telemetry at station. Satellite telemetry at station.

REMARKS.--Records poor. Minimum discharge for period of record also occurred Aug. 29 and Sept. 3, 1980. Maximum gage height for period of record, from flood mark.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1955 reached a stage of 16.7 ft, from information by local resident; discharge not determined.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO JUNE 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.8	5.9	5.9	8.0	58	26	255	27	4.0	---	---	---
2	9.9	4.4	4.7	7.9	54	26	181	26	e3.8	---	---	---
3	9.3	2.8	4.7	16	49	43	139	24	e3.6	---	---	---
4	8.5	4.3	6.1	20	48	42	159	23	5.3	---	---	---
5	8.5	3.3	7.9	19	44	35	126	26	5.9	---	---	---
6	8.5	2.9	6.8	23	43	32	107	25	5.3	---	---	---
7	8.2	3.4	5.6	35	106	30	95	23	6.3	---	---	---
8	7.7	5.1	4.5	31	154	29	88	22	8.5	---	---	---
9	7.5	6.4	5.8	29	99	27	82	20	9.2	---	---	---
10	7.2	5.8	4.2	30	73	26	89	17	9.2	---	---	---
11	6.2	4.8	4.6	30	69	24	101	16	6.9	---	---	---
12	4.9	4.9	6.3	30	62	23	90	15	e5.4	---	---	---
13	4.9	4.5	7.5	51	56	28	81	14	e4.6	---	---	---
14	4.5	5.7	6.1	46	50	40	75	17	e4.0	---	---	---
15	4.0	4.7	5.2	43	47	38	72	15	e3.6	---	---	---
16	3.4	4.1	3.6	41	45	37	66	11	e3.2	---	---	---
17	2.7	6.0	3.8	38	42	42	61	9.9	e2.6	---	---	---
18	2.6	3.8	7.4	39	39	54	56	8.8	e2.4	---	---	---
19	2.7	2.8	5.8	39	37	55	51	8.8	e2.3	---	---	---
20	3.4	2.7	4.5	159	37	52	49	8.2	e2.2	---	---	---
21	3.0	1.9	4.6	77	36	56	45	7.2	e2.1	---	---	---
22	2.6	1.4	4.7	69	34	69	43	6.6	e2.0	---	---	---
23	2.3	1.3	4.8	110	32	62	40	6.4	e1.9	---	---	---
24	2.1	3.3	4.3	223	31	60	37	6.0	e1.8	---	---	---
25	4.3	4.9	4.7	183	30	58	37	5.2	e1.7	---	---	---
26	4.7	5.2	6.6	135	29	57	35	3.9	e1.6	---	---	---
27	3.5	5.7	6.3	87	28	65	33	3.6	e1.5	---	---	---
28	3.6	8.1	6.8	75	27	70	31	e3.4	e1.6	---	---	---
29	2.0	6.6	7.1	71	---	67	30	e3.0	2.8	---	---	---
30	2.2	6.9	7.5	66	---	67	28	4.5	3.4	---	---	---
31	5.0	---	7.4	62	---	74	---	5.1	---	---	---	---
TOTAL	159.7	133.6	175.8	1892.9	1459	1414	2382	411.6	118.7	---	---	---
MEAN	5.152	4.453	5.671	61.06	52.11	45.61	79.40	13.28	3.957	---	---	---
MAX	9.9	8.1	7.9	223	154	74	255	27	9.2	---	---	---
MIN	2.0	1.3	3.6	7.9	27	23	28	3.0	1.5	---	---	---
CFSM	0.07	0.06	0.07	0.78	0.67	0.58	1.02	0.17	0.05	---	---	---
IN.	0.08	0.06	0.08	0.90	0.69	0.67	1.13	0.20	0.06	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2002, BY WATER YEAR (WY)

	MEAN	51.41	34.60	58.08	117.6	147.9	148.3	90.94	56.38	41.46	35.78	63.84	86.07
MAX	462	181	218	296	327	282	282	251	274	210	452	2118	
(WY)	1972	1978	1958	1978	1960	1983	1959	1978	1979	1962	1967	1999	
MIN	2.82	3.14	3.77	9.96	22.5	17.5	13.2	9.68	3.80	3.16	1.32	2.67	
(WY)	1979	1987	1969	1981	1981	1981	1981	2002	1994	1993	1993	1980	

SUMMARY STATISTICS

	FOR 2001 CALENDAR YEAR	FOR PERIOD OCTOBER 2001 TO JUNE 2002	WATER YEARS 1957 - 2002
ANNUAL TOTAL	12528.5		
ANNUAL MEAN	34.32		79.67
HIGHEST ANNUAL MEAN			230 1999
LOWEST ANNUAL MEAN			12.0 1981
HIGHEST DAILY MEAN	639 Jun 17		15000 Sep 18 1999
LOWEST DAILY MEAN	1.3 Nov 23		0.74 Aug 25 1993
ANNUAL SEVEN-DAY MINIMUM	2.5 Nov 18		0.79 Aug 21 1993
MAXIMUM PEAK FLOW		304 Apr 1	
MAXIMUM PEAK STAGE		8.02 Apr 1	19.79 Sep 18 1999
INSTANTANEOUS LOW FLOW			0.40 Aug 28 1980
ANNUAL RUNOFF (CFSM)	0.44		1.02
ANNUAL RUNOFF (INCHES)	5.97		13.86
10 PERCENT EXCEEDS	70		180
50 PERCENT EXCEEDS	16		33
90 PERCENT EXCEEDS	4.5		5.4

e Estimated.

02083800 CONETOE CREEK NEAR BETHEL, NC--Continued

