

## TENNESSEE RIVER BASIN

03548330 BRASSTOWN CREEK NEAR BRASSTOWN, NC

LOCATION.--Lat 35°02'24", long 83°57'34", Clay County, Hydrologic Unit 06020002, on right bank 20 ft upstream from bridge on Secondary Road 1134, 0.1 mi northwest of Brasstown, and 0.8 mi above mouth.

DRAINAGE AREA.--83.1 mi<sup>2</sup>.

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1944, 1947, 1953-55, 1960-64, 1988. July 2000 to September 2001.

GAGE.--Water-stage recorder. Elevation of gage is 1,600 ft above sea level, from topographic map. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges and those above 600 ft<sup>3</sup>/s, which are fair. Maximum discharge for period of record from rating curve extended above 600 ft<sup>3</sup>/s by logarithmic plotting. Minimum discharge for current water year also occurred Oct. 7. Minimum discharge for period of record also occurred Sept. 20, 2000.

DISCHARGE, CUBIC FEET PER SECOND, FOR PERIOD JULY TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	58	47	30
2	---	---	---	---	---	---	---	---	---	53	54	33
3	---	---	---	---	---	---	---	---	---	51	54	34
4	---	---	---	---	---	---	---	---	---	48	44	34
5	---	---	---	---	---	---	---	---	---	57	45	29
6	---	---	---	---	---	---	---	---	---	62	39	26
7	---	---	---	---	---	---	---	---	---	51	42	24
8	---	---	---	---	---	---	---	---	---	46	39	25
9	---	---	---	---	---	---	---	---	---	44	36	25
10	---	---	---	---	---	---	---	---	---	43	35	23
11	---	---	---	---	---	---	---	---	---	47	39	22
12	---	---	---	---	---	---	---	---	---	65	34	21
13	---	---	---	---	---	---	---	---	---	51	31	21
14	---	---	---	---	---	---	---	---	---	45	29	20
15	---	---	---	---	---	---	---	---	---	42	28	19
16	---	---	---	---	---	---	---	---	---	39	27	18
17	---	---	---	---	---	---	---	---	---	37	26	18
18	---	---	---	---	---	---	---	---	---	36	26	19
19	---	---	---	---	---	---	---	---	---	36	25	19
20	---	---	---	---	---	---	---	---	---	34	26	18
21	---	---	---	---	---	---	---	---	---	33	29	92
22	---	---	---	---	---	---	---	---	---	32	28	41
23	---	---	---	---	---	---	---	---	---	32	27	34
24	---	---	---	---	---	---	---	---	---	138	25	33
25	---	---	---	---	---	---	---	---	---	51	25	58
26	---	---	---	---	---	---	---	---	---	43	23	57
27	---	---	---	---	---	---	---	---	---	43	31	36
28	---	---	---	---	---	---	---	---	---	39	34	32
29	---	---	---	---	---	---	---	---	---	47	27	30
30	---	---	---	---	---	---	---	---	---	39	25	29
31	---	---	---	---	---	---	---	---	---	43	26	---
TOTAL	---	---	---	---	---	---	---	---	---	1485	1026	920
MEAN	---	---	---	---	---	---	---	---	---	47.9	33.1	30.7
MAX	---	---	---	---	---	---	---	---	---	138	54	92
MIN	---	---	---	---	---	---	---	---	---	32	23	18
CFSM	---	---	---	---	---	---	---	---	---	.58	.40	.37
IN.	---	---	---	---	---	---	---	---	---	.66	.46	.41

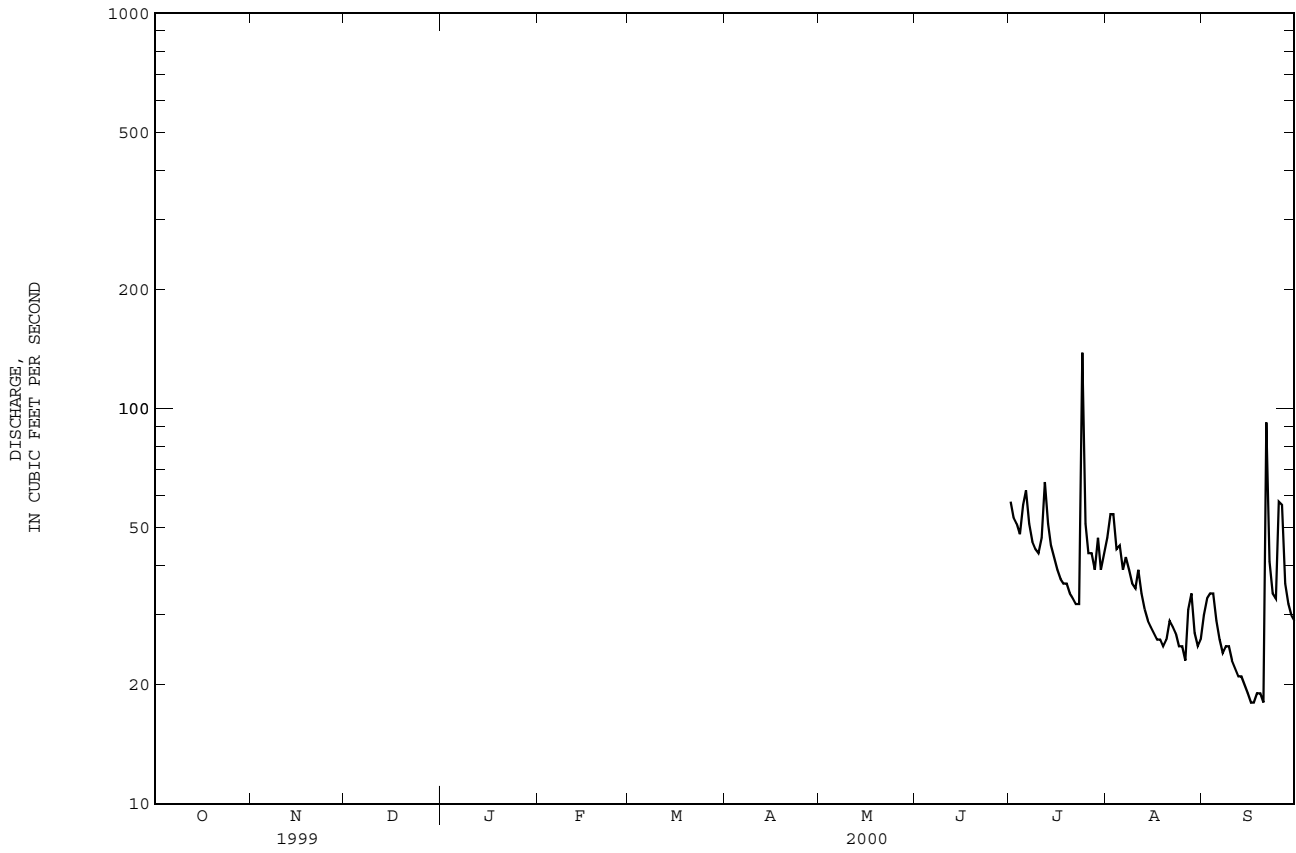
## SUMMARY STATISTICS

FOR PERIOD JULY TO SEPTEMBER 2000

MAXIMUM PEAK FLOW	446	Jul 24 2000
MAXIMUM PEAK STAGE	5.53	Jul 24 2000
INSTANTANEOUS LOW FLOW	17*	Sep 16 2000

\* See REMARKS.

03548330 BRASSTOWN CREEK NEAR BRASSTOWN, NC--Continued



TENNESSEE RIVER BASIN

03548330 BRASSTOWN CREEK NEAR BRASSTOWN, NC--Continued

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	28	27	43	e41	69	104	112	71	213	191	82	137
2	28	28	42	e41	66	96	104	72	181	106	52	101
3	28	28	44	e41	62	100	109	62	111	95	47	90
4	27	28	43	e40	61	136	115	59	96	88	48	78
5	26	33	41	e40	59	114	104	57	80	81	76	176
6	26	30	40	e41	57	102	100	57	83	72	48	83
7	26	30	39	42	56	95	96	74	89	64	45	67
8	26	35	38	74	54	89	92	58	150	61	48	59
9	26	249	38	59	54	85	88	59	113	58	64	54
10	27	104	38	e51	90	81	86	61	89	57	44	51
11	28	56	38	49	68	77	82	59	76	53	46	50
12	28	47	39	78	78	98	80	65	70	49	74	47
13	27	43	37	66	83	129	123	57	65	47	84	45
14	26	41	56	59	100	99	101	52	62	44	77	44
15	26	39	47	57	94	219	109	50	59	42	54	42
16	27	40	54	54	113	166	104	48	58	41	47	40
17	26	76	91	52	265	133	93	46	51	40	51	40
18	26	51	66	118	148	117	88	45	48	38	56	39
19	26	49	61	626	117	105	85	43	46	38	44	53
20	27	54	e57	316	103	276	82	46	45	42	45	176
21	27	50	51	157	95	226	78	46	44	51	41	87
22	28	45	48	118	135	162	75	54	49	40	38	64
23	28	43	e46	100	113	137	73	58	51	40	36	55
24	28	44	45	88	99	124	72	49	45	37	40	160
25	28	73	44	79	180	114	72	84	45	49	42	113
26	29	64	43	73	167	105	68	57	65	46	38	80
27	29	53	45	70	132	99	66	49	66	39	40	68
28	28	49	48	65	116	94	64	95	56	38	39	61
29	28	46	45	63	---	131	62	109	53	65	38	55
30	28	44	43	94	---	146	61	68	414	77	58	52
31	27	---	41	76	---	120	---	58	---	100	59	---
TOTAL	843	1599	1451	2928	2834	3879	2644	1868	2673	1889	1601	2267
MEAN	27.2	53.3	46.8	94.5	101	125	88.1	60.3	89.1	60.9	51.6	75.6
MAX	29	249	91	626	265	276	123	109	414	191	84	176
MIN	26	27	37	40	54	77	61	43	44	37	36	39
CFSM	.33	.64	.56	1.14	1.22	1.51	1.06	.73	1.07	.73	.62	.91
IN.	.38	.72	.65	1.31	1.27	1.74	1.18	.84	1.20	.85	.72	1.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001
MEAN	27.2	53.3	46.8	94.5	101	125	88.1	60.3	89.1	54.4	42.4	53.1
MAX	27.2	53.3	46.8	94.5	101	125	88.1	60.3	89.1	60.9	51.6	75.6
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
MIN	27.2	53.3	46.8	94.5	101	125	88.1	60.3	89.1	47.9	33.1	30.7
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2000	2000	2000

SUMMARY STATISTICS

FOR 2001 WATER YEAR

WATER YEARS 2000 - 2001

ANNUAL TOTAL	26476	
ANNUAL MEAN	72.5	72.5
HIGHEST ANNUAL MEAN		72.5
LOWEST ANNUAL MEAN		72.5
HIGHEST DAILY MEAN	626	Jan 19 2001
LOWEST DAILY MEAN	26	Oct 5 2000
ANNUAL SEVEN-DAY MINIMUM	26	Oct 4 2000
MAXIMUM PEAK FLOW	1330*	Jan 19 2001
MAXIMUM PEAK STAGE	8.25	Jan 19 2001
INSTANTANEOUS LOW FLOW	24*	Oct 6 2000
ANNUAL RUNOFF (CFSM)	.87	.87
ANNUAL RUNOFF (INCHES)	11.85	11.86
10 PERCENT EXCEEDS	117	113
50 PERCENT EXCEEDS	58	51
90 PERCENT EXCEEDS	30	28

e Estimated.  
\* See REMARKS.

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