

03548330 BRASSTOWN CREEK NEAR BRASSTOWN, NC

LOCATION.--Lat 35°02'24", long 83°57'33", 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 current year.

GAGE.--Water-stage recorder. Datum of gage is 1,581.70 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred Sept. 20, 2000.

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	78	72	98	90	90	50	113	115	90	130	60	53
2	76	70	93	88	98	143	100	176	75	149	66	62
3	74	69	90	87	127	150	94	150	70	148	64	57
4	74	69	94	86	104	98	88	127	68	159	54	51
5	73	75	92	144	99	86	84	117	65	136	55	49
6	74	80	88	131	638	282	85	107	62	110	54	46
7	74	76	85	110	342	180	75	100	64	99	49	357
8	73	72	83	103	204	138	65	95	86	90	48	624
9	72	70	82	109	168	122	52	99	108	84	46	192
10	73	69	204	101	152	113	42	96	109	79	45	118
11	72	69	163	95	139	92	37	90	72	76	44	94
12	72	68	125	92	192	85	33	90	67	72	56	81
13	71	70	113	90	159	77	1,120	88	104	72	58	74
14	72	67	121	88	131	73	296	84	80	73	49	69
15	77	66	109	87	142	107	150	81	89	71	47	65
16	70	66	103	84	132	232	123	82	83	65	46	358
17	70	68	139	84	103	138	115	83	70	66	45	2,430
18	70	97	116	97	91	115	107	99	66	88	45	448
19	69	687	111	91	81	106	101	97	63	67	42	220
20	68	183	103	e84	77	96	98	79	60	62	42	155
21	68	127	97	e82	78	109	95	75	149	59	113	126
22	67	109	95	e81	66	89	92	72	111	57	79	110
23	66	98	95	e80	61	84	88	86	108	56	81	101
24	66	100	125	80	61	81	86	73	331	54	66	94
25	65	94	104	155	57	78	83	71	201	57	60	89
26	82	89	99	157	60	77	391	67	290	54	52	87
27	121	105	95	122	64	76	232	65	152	88	50	90
28	88	134	93	108	54	74	157	63	146	64	55	257
29	80	119	91	101	51	71	131	65	121	83	87	127
30	75	105	103	98	---	135	120	120	115	76	71	106
31	73	---	93	94	---	132	---	130	---	61	54	---
TOTAL	2,303	3,243	3,302	3,099	3,821	3,489	4,453	2,942	3,275	2,605	1,783	6,790
MEAN	74.3	108	107	100	132	113	148	94.9	109	84.0	57.5	226
MAX	121	687	204	157	638	282	1,120	176	331	159	113	2,430
MIN	65	66	82	80	51	50	33	63	60	54	42	46
CFSM	0.89	1.30	1.28	1.20	1.59	1.35	1.79	1.14	1.31	1.01	0.69	2.72
IN.	1.03	1.45	1.48	1.39	1.71	1.56	1.99	1.32	1.47	1.17	0.80	3.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2004, BY WATER YEAR (WY)

	1999	2000	2001	2002	2003	2004
MEAN	51.0	76.4	85.1	115	134	132
MAX	74.3	108	132	150	203	168
(WY)	(2004)	(2004)	(2003)	(2002)	(2003)	(2003)
MIN	27.2	41.2	46.8	94.5	98.2	113
(WY)	(2001)	(2002)	(2001)	(2001)	(2002)	(2004)

SUMMARY STATISTICS

	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1999 - 2004
ANNUAL TOTAL	55,876	41,105	
ANNUAL MEAN	153	112	106
HIGHEST ANNUAL MEAN			153
LOWEST ANNUAL MEAN			72.5
HIGHEST DAILY MEAN	2,540	2,430	2,540
LOWEST DAILY MEAN	62	33	18
ANNUAL SEVEN-DAY MINIMUM	67	45	19
MAXIMUM PEAK FLOW		4,140	4,570
MAXIMUM PEAK STAGE		14.17	14.94
INSTANTANEOUS LOW FLOW		29	17*
ANNUAL RUNOFF (CFSM)	1.84	1.35	1.27
ANNUAL RUNOFF (INCHES)	25.01	18.40	17.27
10 PERCENT EXCEEDS	226	151	170
50 PERCENT EXCEEDS	118	88	83
90 PERCENT EXCEEDS	72	57	41

\* See REMARKS.

e Estimated.

03548330 BRASSTOWN CREEK NEAR BRASSTOWN, NC—Continued

