

03510577 TUCKASEGEE RIVER AT BARKERS CREEK, NC

LOCATION.--Lat 35°23'04", long 83°17'30", Jackson County, Hydrologic Unit 06010203, on old truss bridge near left bank, 60 ft upstream from bridge on Secondary Road 1392, 0.1 mi upstream from Barkers Creek and at river mile 27.3

DRAINAGE AREA.--360 mi<sup>2</sup>.

PERIOD OF RECORD.--July 2004 to September 2004

GAGE.--Water-stage recorder. Elevation of gage is 1,920 ft above NGVD of 1929 (from topographic map). Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Flow regulated by Cedar Cliff Lake and Bear Creek Lake. Minimum discharge for period of record and current water year affected by regulation.

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	---	---	---	---	---	---	---	---	---	865	1,120	588
2	---	---	---	---	---	---	---	---	---	612	1,030	e758
3	---	---	---	---	---	---	---	---	---	637	1,060	e906
4	---	---	---	---	---	---	---	---	---	642	929	762
5	---	---	---	---	---	---	---	---	---	530	733	463
6	---	---	---	---	---	---	---	---	---	702	626	740
7	---	---	---	---	---	---	---	---	---	687	661	1,700
8	---	---	---	---	---	---	---	---	---	538	513	10,600
9	---	---	---	---	---	---	---	---	---	577	517	3,530
10	---	---	---	---	---	---	---	---	---	639	630	2,120
11	---	---	---	---	---	---	---	---	---	439	954	1,870
12	---	---	---	---	---	---	---	---	---	342	1,040	1,960
13	---	---	---	---	---	---	---	---	---	401	467	2,500
14	---	---	---	---	---	---	---	---	---	449	388	2,450
15	---	---	---	---	---	---	---	---	---	334	304	3,530
16	---	---	---	---	---	---	---	---	---	312	293	3,240
17	---	---	---	---	---	---	---	---	---	515	297	12,600
18	---	---	---	---	---	---	---	---	---	583	377	7,170
19	---	---	---	---	---	---	---	---	---	356	343	4,430
20	---	---	---	---	---	---	---	---	---	460	354	3,020
21	---	---	---	---	---	---	---	---	---	554	546	2,500
22	---	---	---	---	---	---	---	---	---	526	326	2,230
23	---	---	---	---	---	---	---	---	---	446	252	2,030
24	---	---	---	---	---	---	---	---	---	467	476	1,820
25	---	---	---	---	---	---	---	---	---	543	539	1,460
26	---	---	---	---	---	---	---	---	---	418	440	1,620
27	---	---	---	---	---	---	---	---	---	875	328	2,850
28	---	---	---	---	---	---	---	---	---	595	498	3,950
29	---	---	---	---	---	---	---	---	---	527	488	1,760
30	---	---	---	---	---	---	---	---	---	1,200	394	1,210
31	---	---	---	---	---	---	---	---	---	1,210	553	---
TOTAL	---	---	---	---	---	---	---	---	---	17,981	17,476	86,367
MEAN	---	---	---	---	---	---	---	---	---	580	564	2,879
MAX	---	---	---	---	---	---	---	---	---	1,210	1,120	12,600
MIN	---	---	---	---	---	---	---	---	---	312	252	463

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

MEAN	---	---	---	---	---	---	---	---	---	580	564	2,879
MAX	---	---	---	---	---	---	---	---	---	580	564	2,879
(WY)	---	---	---	---	---	---	---	---	---	(2004)	(2004)	(2004)
MIN	---	---	---	---	---	---	---	---	---	580	564	2,879
(WY)	---	---	---	---	---	---	---	---	---	(2004)	(2004)	(2004)

SUMMARY STATISTICS

FOR 2004 WATER YEAR

INSTANTANEOUS PEAK FLOW	15,800	Sep 17
INSTANTANEOUS PEAK STAGE	13.26	Sep 17
INSTANTANEOUS LOW FLOW	169*	Aug 23

\* See REMARKS.

e Estimated.

03510577 TUCKASEGEE RIVER AT BARKERS CREEK, NC—Continued

