

03508050 TUCKASEGEE RIVER AT SECONDARY ROAD 1172 NEAR CULLOWHEE, NC

LOCATION.--Lat 35°17'16", long 83°08'38", Jackson County, Hydrologic Unit 06010203, on left bank, 10 ft downstream from bridge on Secondary Road 1172, 3.0 mi southeast of Cullowhee and at river mile 47.3.

DRAINAGE AREA.--147 mi².

PERIOD OF RECORD.--September 2004 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,120 ft above NGVD of 1929 (from topographic map). Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	625	528	835	660	259	496	605	459	296	788	674	1,270
2	622	490	841	837	243	358	291	363	803	786	621	1,110
3	638	503	705	766	281	222	350	351	665	800	880	871
4	686	735	584	841	260	221	385	304	468	809	856	809
5	247	683	335	844	293	190	357	274	605	873	839	834
6	524	847	508	836	371	193	677	285	242	1,380	327	817
7	526	813	535	840	344	192	749	233	601	1,830	675	787
8	519	775	719	843	105	535	560	290	709	1,670	727	711
9	519	723	946	758	104	576	465	266	843	1,800	819	612
10	398	587	946	802	104	352	470	292	887	1,590	506	686
11	465	131	921	684	100	458	435	254	899	1,380	732	619
12	483	492	851	316	100	347	679	307	2,950	2,420	679	473
13	686	840	794	412	102	489	471	515	5,050	2,040	706	397
14	413	823	812	629	117	343	814	568	2,220	1,830	626	395
15	220	816	738	509	154	310	472	609	1,370	1,760	621	285
16	502	643	677	515	331	425	500	610	963	1,360	541	264
17	556	527	838	592	199	555	654	496	979	940	684	299
18	770	562	835	583	281	545	320	448	924	992	892	220
19	633	592	821	591	293	382	223	434	886	897	856	213
20	577	437	839	572	372	385	184	503	808	1,080	760	323
21	619	434	845	506	690	337	281	701	914	1,740	688	659
22	553	425	755	328	922	299	497	704	808	1,780	526	661
23	324	558	898	326	884	551	420	349	743	1,070	463	575
24	733	740	854	340	879	768	413	417	774	1,010	580	177
25	472	902	854	379	530	614	515	315	773	865	655	87
26	380	886	863	322	518	409	583	292	718	900	638	296
27	334	813	872	277	510	433	581	241	564	901	890	263
28	301	812	870	245	610	475	505	250	921	718	889	268
29	571	824	870	299	---	786	314	247	824	943	894	248
30	334	747	864	240	---	861	489	362	826	911	1,240	264
31	775	---	858	181	---	854	---	254	---	866	1,190	---
TOTAL	16,005	19,688	24,483	16,873	9,956	13,961	14,259	11,993	31,033	38,729	22,674	15,493
MEAN	516	656	790	544	356	450	475	387	1,034	1,249	731	516
MAX	775	902	946	844	922	861	814	704	5,050	2,420	1,240	1,270
MIN	220	131	335	181	100	190	184	233	242	718	327	87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	516	656	790	544	356	450	475	387	1,034	1,249	731	1,239
MAX	516	656	790	544	356	450	475	387	1,034	1,249	731	1,961
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)
MIN	516	656	790	544	356	450	475	387	1,034	1,249	731	516
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)

SUMMARY STATISTICS

FOR 2005 WATER YEAR

WATER YEARS 2004 - 2005

ANNUAL TOTAL	235,147											
ANNUAL MEAN	644									644		
HIGHEST ANNUAL MEAN										644		2005
LOWEST ANNUAL MEAN										644		2005
HIGHEST DAILY MEAN										7,440		Sep 8, 2004
LOWEST DAILY MEAN										87		Sep 25, 2005
ANNUAL SEVEN-DAY MINIMUM										105		Feb 8, 2005
MAXIMUM PEAK FLOW										9,740		Jun 12
MAXIMUM PEAK STAGE										15.86		Jun 12
INSTANTANEOUS LOW FLOW										73*		Apr 18
10 PERCENT EXCEEDS										912		912
50 PERCENT EXCEEDS										592		592
90 PERCENT EXCEEDS										260		260

* See REMARKS.

03508050 TUCKASEGEE RIVER AT SECONDARY ROAD 1172 NEAR CULLOWHEE, NC—Continued

