

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2005

LAKE=WATAUGA

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	9652	7.6	1.5	1598	0.2	6.7
02 FEBRUARY	7724	28.5	1.2	1153	0.2	5.3
03 MARCH	14024	6.8	2.2	2068	0.3	9.7
04 APRIL	15271	13.9	2.4	2310	0.4	10.6
05 MAY	15521	20.6	2.4	2256	0.4	10.7
06 JUNE	18633	13.9	2.9	2766	0.4	12.9
07 JULY	15905	7.7	2.5	2361	0.4	11.0
08 AUGUST	13843	10.5	2.2	2165	0.3	9.6
09 SEPTEMBER	9185	24.3	1.4	1502	0.2	6.4
10 OCTOBER	10607	17.6	1.6	1563	0.2	7.3
11 NOVEMBER	7689	8.3	1.2	1168	0.2	5.3
12 DECEMBER	6554	9.5	1.0	1012	0.2	4.5
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<b>TOTAL</b>	<b>144608</b>			<b>21922</b>		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2005

LAKE=WATAUGA

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	1930	22.8	0.20	21.1	869	45.9	0.09	47.2
02 FEBRUARY	1004	51.9	0.13	41.9	541	87.6	0.07	84.2
03 MARCH	4207	23.0	0.30	22.1	701	34.5	0.05	36.6
04 APRIL	3665	22.8	0.24	17.9	305	31.9	0.02	35.6
05 MAY	2949	33.2	0.19	25.2	621	46.1	0.04	44.3
06 JUNE	3913	28.0	0.21	24.0	373	49.0	0.02	42.3
07 JULY	2227	12.3	0.14	9.8	159	56.6	0.01	42.9
08 AUGUST	3461	21.9	0.25	18.9	277	20.8	0.02	18.0
09 SEPTEMBER	1378	69.0	0.15	60.8	0	.	0.00	100.0
10 OCTOBER	1697	27.7	0.16	21.6	106	51.9	0.01	45.6
11 NOVEMBER	1999	29.9	0.26	28.3	154	24.6	0.02	24.9
12 DECEMBER	1245	32.7	0.19	30.5	131	46.2	0.02	58.0
----- <b>TOTAL</b>	<b>29675</b>				<b>4237</b>			

**SUMMARY OF SPECIES CATCH STATISTICS - 2005**

**LAKE=WATAUGA**

<b>SPECIES</b>	<b>TOTAL NUMBER FISH CAUGHT</b>	<b>RSE FOR CATCH</b>	<b>SPECIES CATCH COMPOSITION (%)</b>	<b>INTENDED NUMBER CAUGHT</b>	<b>TOTAL NUMBER FISH HARVESTED</b>	<b>RSE FOR HARVEST</b>	<b>SPECIES HARVEST COMPOSITION (%)</b>	<b>INTENDED NUMBER HARVESTED</b>	<b>% OF CAUGHT FISH RELEASED</b>	<b>AVERAGE WEIGHT (LBS)</b>	<b>NUMBER FISH RECORDED</b>
CHANNEL CATFISH	358	166.3	1.2	230	201	153.5	4.7	201	43.9	3.91	6
RAINBOW TROUT	1638	51.6	5.5	1062	1179	45.0	27.8	1142	28.0	0.53	32
LAKE TROUT	111	295.7	0.4	111	65	265.6	1.5	65	41.4	6.68	2
BLUEGILL	1736	75.2	5.8	868	167	114.6	3.9	167	90.4	0.02	5
SMALLMOUTH BASS	15203	10.6	51.0	15044	1086	21.8	25.6	1086	92.9	2.41	37
SPOTTED BASS	2128	46.1	7.1	2082	111	107.5	2.6	111	94.8	2.55	4
LARGEMOUTH BASS	7121	17.5	23.9	6918	367	32.5	8.6	300	94.8	2.55	11
BLACK CRAPPIE	403	158.5	1.4	296	279	122.6	6.6	279	30.8	0.95	10
BLACKNOSE CRAPPIE	121	280.0	0.4	97	101	210.1	2.4	101	16.5	0.95	4
WALLEYE	966	71.7	3.2	779	688	56.0	16.2	688	28.8	3.96	19
FRESHWATER DRUM	49	686.9	0.2	0	0	.	0.0	0	100.0	.	0

**SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2005**

**LAKE=WATAUGA**

<b>INTENDED SPECIES</b>	<b>ANGLER HOURS</b>	<b>RSE FOR ANGLER HOURS</b>	<b>ANGLER TRIPS</b>	<b>PERCENT EFFORT</b>	<b>NUMBER CAUGHT PER HOUR</b>	<b>RSE FOR CATCH PER HOUR</b>	<b>NUMBER HARVESTED PER HOUR</b>	<b>RSE FOR HARVEST PER HOUR</b>	<b>NUMBER OF INTERVIEWS</b>
ANY CATFISH	1810	34.0	274	1.3	0.10	85.3	0.10	85.3	7
RAINBOW TROUT	3663	22.2	567	2.5	0.40	69.5	0.39	71.2	31
ANY TROUT	6709	18.1	1010	4.6	0.02	195.9	0.02	195.9	44
LAKE TROUT	6194	18.7	942	4.3	0.03	147.2	0.02	196.2	34
ANY TEMPERATE BASS	120	127.5	18	0.1	0.00		0.00		1
STRIPED BASS	241	89.6	36	0.2	0.00		0.00		1
ANY SUNFISH	1529	41.1	230	1.1	1.52	52.9	0.28	144.0	8
ANY BLACK BASS	78384	5.7	11895	54.2	0.34	11.8	0.01	98.3	365
SMALLMOUTH BASS	9098	15.0	1383	6.3	0.17	50.5	0.09	85.7	65
ANY CRAPPIE	7553	16.6	1133	5.2	0.11	100.7	0.10	102.4	51
WALLEYE	16980	11.7	2559	11.7	0.07	62.7	0.06	73.3	80
ANY SPECIES	12320	12.9	1869	8.5	0.14	107.1	0.02	329.0	74
----- <b>TOTAL</b>	<b>144601</b>		<b>21916</b>						

**SUMMARY OF RELATIVE SPECIES CATCH RATES  
WITHIN TARGET GROUPS - 2005**

**LAKE=WATAUGA**

<b>TARGET GROUP</b>	<b>SPECIES WITHIN TARGET GROUPS</b>	<b>RELATIVE CATCH RATE</b>	<b>RELATIVE HARVEST RATE</b>
ANY CATFISH			
	CHANNEL CATFISH	0.10	0.10
ANY TROUT			
	RAINBOW TROUT	0.02	0.02
ANY TEMPERATE BASS ANY SUNFISH			
	BLUEGILL	1.52	0.28
ANY BLACK BASS			
	SMALLMOUTH BASS	0.17	0.01
	SPOTTED BASS	0.02	0.00
	LARGEMOUTH BASS	0.08	0.00
ANY CRAPPIE			
	BLACK CRAPPIE	0.08	0.07
	BLACKNOSE CRAPPIE	0.03	0.03

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS  
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=WATAUGA

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.28	43
02 FEBRUARY	0		0	0.25	27
03 MARCH	19	0.43	5	0.40	33
04 APRIL	0		0	0.39	41
05 MAY	32	0.44	9	0.31	31
06 JUNE	0		0	0.32	36
07 JULY	0		0	0.32	45
08 AUGUST	0		0	0.35	37
09 SEPTEMBER	0		0	0.27	15
10 OCTOBER	25	0.50	5	0.26	34
11 NOVEMBER	0		0	0.25	37
12 DECEMBER	0		0	0.30	32

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS  
FOR INTENDED SPECIES - 2005

LAKE=WATAUGA

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	2690	1560	4260	7
RAINBOW TROUT	4010	2730	6750	30
ANY TROUT	7470	10490	17960	44
LAKE TROUT	12950	8460	21410	34
ANY TEMPERATE BASS	270	270	540	1
STRIPED BASS	360	180	540	1
ANY SUNFISH	880	1750	2620	8
ANY BLACK BASS	161580	83350	244930	365
SMALLMOUTH BASS	10540	11200	21740	65
ANY CRAPPIE	11240	10040	21280	51
WALLEYE	30220	20670	50890	80
ANY SPECIES	11930	14210	26150	74
TOTAL	254140	164910	419070	760

**SUMMARY OF SOCIOLOGICAL QUESTIONS - 2005**

**LAKE=WATAUGA**

**DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS**

<b>STATE</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
NC	75	6.2
TN	1093	90.3
OTHERS	42	3.5

**DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS**

<b>COUNTY</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
CARTER	698	63.6
JOHNSON	153	13.9
SULLIVAN	82	7.5
UNICOI	82	7.5
WASHINGTON	62	5.7
OTHERS IN TN	16	1.5
OUT-OF-STATE	4	0.4

**DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED**

<b>ONE-WAY MILES TRAVELED</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
A) 0-25	891	73.6
B) 26-100	310	25.6
D) > 250	9	0.7

**DISTRIBUTION OF REASONS WHY INTERVIEWED ANGLERS MADE THE TRIP**

<b>REASON FOR TRIP</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
A) FISHING	756	99.6
B) VACATION	3	0.4

**DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS**

<b>NUMBER DAYS IN TRIP</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
A) 1	756	99.3
B) 2-5	4	0.5
C) 6-10	1	0.1