

**TELLICO RESERVOIR  
CREEL SURVEY 2007**

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=TELLICO

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	2147	33.5	0.1	502	0.0	1.1
02 FEBRUARY	3875	36.3	0.2	1049	0.1	2.0
03 MARCH	14767	20.8	0.9	2690	0.2	7.8
04 APRIL	25918	21.9	1.6	4940	0.3	13.6
05 MAY	34296	17.8	2.1	6963	0.4	18.0
06 JUNE	28493	31.0	1.8	6642	0.4	15.0
07 JULY	26608	34.4	1.7	6999	0.4	14.0
08 AUGUST	12122	16.3	0.8	2912	0.2	6.4
09 SEPTEMBER	14267	8.3	0.9	2844	0.2	7.5
10 OCTOBER	18667	20.3	1.2	4067	0.3	9.8
11 NOVEMBER	9286	21.6	0.6	2501	0.2	4.9
----- <b>TOTAL</b>	<b>190446</b>			<b>42109</b>		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=TELLICO

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	2469	49.5	1.15	34.6	601	48.6	0.28	33.0
02 FEBRUARY	7053	58.0	1.82	42.6	1279	77.1	0.33	63.8
03 MARCH	20378	30.3	1.38	21.5	5021	43.7	0.34	37.4
04 APRIL	36804	27.2	1.42	15.8	7257	50.4	0.28	44.8
05 MAY	48357	25.6	1.41	18.1	2401	47.2	0.07	44.1
06 JUNE	29918	35.6	1.05	16.7	855	71.1	0.03	55.9
07 JULY	30865	45.0	1.16	27.5	3193	68.0	0.12	53.3
08 AUGUST	14668	42.3	1.21	38.4	4364	58.0	0.36	55.1
09 SEPTEMBER	29390	20.7	2.06	18.9	4137	42.2	0.29	40.7
10 OCTOBER	17360	30.8	0.93	22.8	1120	66.8	0.06	59.2
11 NOVEMBER	14950	22.4	1.61	5.8	2786	51.1	0.30	45.1
----- TOTAL	252212				33014			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=TELLICO

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	650	435.6	0.3	650	0	.	0.0	0	100.0	.	0
WHITE BASS	605	551.8	0.2	76	0	.	0.0	0	100.0	.	0
STRIPED BASS	3866	159.0	1.5	2651	43	519.3	0.1	0	98.9	3.15	1
ROCK BASS	275	1087.9	0.1	0	0	.	0.0	0	100.0	.	0
BLUEGILL	28924	33.5	11.5	24398	3798	58.7	11.5	3488	86.9	0.49	49
SMALLMOUTH BASS	10325	72.9	4.1	9864	0	.	0.0	0	100.0	.	0
SPOTTED BASS	27631	31.5	11.0	25831	0	.	0.0	0	100.0	.	0
LARGEMOUTH BASS	68592	16.4	27.2	65020	1250	47.5	3.8	1250	98.2	1.94	19
WHITE CRAPPIE	105553	12.8	41.9	104925	26804	19.3	81.2	26673	74.6	0.69	408
BLACK CRAPPIE	1164	177.1	0.5	1164	864	152.6	2.6	864	25.8	0.73	13
YELLOW PERCH	349	918.4	0.1	116	0	.	0.0	0	100.0	.	0
WALLEYE	443	477.4	0.2	443	82	284.0	0.2	82	81.5	4.08	3
FRESHWATER DRUM	138	1536.2	0.1	0	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=TELLICO

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	940	70.2	236	0.5	0.00		0.00		2
ANY TROUT	285	150.5	66	0.1	0.00		0.00		1
STRIPED BASS	983	77.2	242	0.5	0.23		0.00		2
ANY SUNFISH	1553	64.5	375	0.8	2.73		0.63		2
ANY BLACK BASS	80036	10.5	17509	42.0	1.15	17.1	0.02	92.4	243
ANY CRAPPIE	63333	9.5	13855	33.3	1.79	21.9	0.55	31.2	189
WALLEYE	2523	38.4	590	1.3	0.17	72.1	0.02	0.0	9
ANY SPECIES	40795	14.7	9239	21.4	1.20	24.8	0.16	107.1	83
----- TOTAL	190448		42112						

**SUMMARY OF RELATIVE SPECIES CATCH RATES  
WITHIN TARGET GROUPS - 2007**

**LAKE=TELLICO**

<b>TARGET GROUP</b>	<b>SPECIES WITHIN TARGET GROUPS</b>	<b>RELATIVE CATCH RATE</b>	<b>RELATIVE HARVEST RATE</b>
ANY CATFISH	ANY CATFISH	0.00	0.00
ANY TROUT ANY SUNFISH	BLUEGILL	2.73	0.63
ANY BLACK BASS	SMALLMOUTH BASS	0.12	0.00
	SPOTTED BASS	0.32	0.00
	LARGEMOUTH BASS	0.81	0.02
ANY CRAPPIE	WHITE CRAPPIE	1.77	0.53
	BLACK CRAPPIE	0.02	0.02

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=TELLICO

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	0.30	7
02 FEBRUARY	0		0	0.24	5
03 MARCH	19	1.82	6	1.48	22
04 APRIL	30	1.38	7	1.26	28
05 MAY	2	0.83	4	1.39	42
06 JUNE	8	0.81	5	1.02	24
07 JULY	6	1.05	3	1.08	27
08 AUGUST	0		0	0.92	11
09 SEPTEMBER	0		0	1.37	22
10 OCTOBER	12	0.24	2	1.04	26
11 NOVEMBER	0		0	0.38	2

**SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS  
FOR INTENDED SPECIES - 2007**

**LAKE=TELLICO**

<b>INTENDED SPECIES</b>	<b>TOTAL TRIP EXPENDITURES</b>	<b>TOTAL CONSUMER SURPLUS</b>	<b>TOTAL VALUE BY ANGLERS</b>	<b>NUMBER OF INTERVIEWS</b>
ANY CATFISH	3210	1630	4840	2
ANY TROUT	660	1330	1990	1
STRIPED BASS	3890	3230	7120	2
ANY SUNFISH	3080	1870	4950	2
ANY BLACK BASS	389330	252340	641670	243
ANY CRAPPIE	182140	109950	292080	189
WALLEYE	13310	7790	21090	9
ANY SPECIES	84010	40740	124750	83
<b>TOTAL</b>	<b>679630</b>	<b>418880</b>	<b>1098490</b>	<b>531</b>

**SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007**

**LAKE=TELLICO**

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

<b>STATE</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
TN	924	97.7
OTHERS	22	2.3

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

<b>COUNTY</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
BLOUNT	421	45.6
KNOX	71	7.7
LOUDON	155	16.8
MONROE	214	23.2
OTHERS IN TN	63	6.8

**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	849	89.7
B) 26-100	76	8.0
C) 101-250	4	0.4
D) > 250	17	1.8

**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	523	98.9
B) VACATION	6	1.1

**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	507	95.7
B) 2-5	14	2.6
C) 6-10	6	1.1
D) 11-15	3	0.6