MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=CHEROKEE

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	10044	35.2	0.3	2127	0.1	2.5
02 FEBRUARY	20589	42.7	0.7	3972	0.1	5.1
03 MARCH	22252	13.6	0.7	4379	0.1	5.5
04 APRIL	69959	28.4	2.3	13079	0.4	17.2
05 MAY	45132	14.3	1.5	7667	0.3	11.1
06 JUNE	46968	15.1	1.6	9561	0.3	11.5
07 JULY	68540	25.9	2.3	13276	0.4	16.8
08 AUGUST	49408	39.9	1.6	10640	0.4	12.1
09 SEPTEMBER	20138	12.5	0.7	3890	0.1	4.9
10 OCTOBER	29841	18.3	1.0	5091	0.2	7.3
11 NOVEMBER	17864	25.9	0.6	3290	0.1	4.4
12 DECEMBER	6940	24.4	0.2	1492	0.0	1.7
TOTAL	**407675**			**78464**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=CHEROKEE

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	8035	41.7	0.80	21.1	1908	65.7	0.19	53.6
02 FEBRUARY	12353	48.9	0.60	21.8	2265	55.0	0.11	31.2
03 MARCH	18692	20.8	0.84	15.5	3560	43.6	0.16	41.4
04 APRIL	58766	32.1	0.84	14.4	16790	40.2	0.24	27.8
05 MAY	40167	19.1	0.89	12.6	9478	25.4	0.21	20.8
06 JUNE	41332	18.2	0.88	9.9	10333	23.8	0.22	17.9
07 JULY	55517	27.6	0.81	9.2	12337	33.9	0.18	21.6
08 AUGUST	34092	41.6	0.69	10.8	7411	48.8	0.15	25.4
09 SEPTEMBER	20742	15.9	1.03	9.8	5639	28.0	0.28	24.7
10 OCTOBER	33422	21.4	1.12	10.9	8057	28.5	0.27	21.7
11 NOVEMBER	17507	28.5	0.98	11.6	2501	37.9	0.14	27.2
12 DECEMBER	7079	32.4	1.02	20.6	1249	56.0	0.18	48.2
TOTAL	**347704**				**81528**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=CHEROKEE

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
LONGNOSE GAR	66	2630.2	0.0	0	0		0.0	0	100.0		0
CARP	158	1422.9	0.0	0	0		0.0	0	100.0		0
BLACK BULLHEAD	215	714.1	0.1	215	215	714.1	0.3	215	0.0	2.21	4
BLUE CATFISH	477	638.5	0.1	0	94	541.9	0.1	0	80.3	7.40	3
CHANNEL CATFISH	29558	21.3	8.5	23807	16514	22.2	20.3	13695	44.1	1.57	287
FLATHEAD CATFISH	1739	155.2	0.5	1739	1424	161.1	1.7	1424	18.1	3.19	27
WHITE BASS	5383	92.9	1.5	266	999	141.2	1.2	250	81.4	2.89	16
STRIPED BASS	9936	46.2	2.9	3159	2384	54.6	2.9	1265	76.0	8.51	49
CHEROKEE BASS	41298	17.2	11.9	28619	12236	21.4	15.0	9574	70.4	6.63	236
BLUEGILL	27242	30.1	7.8	5271	12837	30.7	15.7	1834	52.9	0.26	217
SMALLMOUTH BASS	15594	38.1	4.5	276	192	203.2	0.2	0	98.8	1.74	5
SPOTTED BASS	9873	53.7	2.8	0	790	101.7	1.0	0	92.0	1.18	20
LARGEMOUTH BASS	132930	9.5	38.2	124971	2267	29.4	2.8	1873	98.3	2.34	46
WHITE CRAPPIE	2892	161.7	0.8	2682	1443	152.1	1.8	1443	50.1	0.64	28
BLACK CRAPPIE	62064	15.5	17.8	60057	27601	18.6	33.9	27107	55.5	0.77	559
BLACKNOSE CRAPPIE	1187	200.7	0.3	1187	1021	208.4	1.3	1021	14.0	1.02	23
SAUGER	164	1549.5	0.0	0	0		0.0	0	100.0		0
WALLEYE	2549	165.0	0.7	623	279	207.1	0.3	140	89.1	2.41	6
FRESHWATER DRUM	4365	118.2	1.3	739	1237	137.1	1.5	471	71.7	2.11	21

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=CHEROKEE

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	39978	16.3	8008	9.8	0.64	22.9	0.41	25.1	86
WHITE BASS	895	73.1	168	0.2	0.47		0.47		2
STRIPED BASS	23301	15.3	4427	5.7	0.11	41.9	0.05	53.5	66
CHEROKEE BASS	44202	14.1	8513	10.8	0.61	15.2	0.21	18.7	117
ANY SUNFISH	4361	38.1	857	1.1	1.86	16.1	0.75	24.0	9
ANY BLACK BASS	702	89.0	136	0.2	0.63		0.42		1
SMALLMOUTH BASS	610	57.6	118	0.1	0.29		0.00		4
LARGEMOUTH BASS	188140	9.4	36086	46.1	0.62	7.4	0.01	107.6	696
ANY CRAPPIE	83486	11.8	15851	20.5	1.17	13.6	0.52	16.6	289
WALLEYE	3390	38.4	686	0.8	0.27	58.7	0.07	109.6	7
ANY SPECIES	18608	17.6	3611	4.6	0.55	36.0	0.25	35.9	37
TOTAL	**407673**		**78461**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=CHEROKEE

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLACK BULLHEAD	0.01	0.01
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.00	0.00
	CHANNEL CATFISH	0.59	0.37
	FLATHEAD CATFISH	0.04	0.04
ANY SUNFISH			
	BLUEGILL	1.86	0.75
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.00	0.00
	SPOTTED BASS	0.00	0.00
	LARGEMOUTH BASS	0.66	0.01
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.05	0.03
	BLACK CRAPPIE	1.10	0.48
	BLACKNOSE 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=CHEROKEE

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	10	1.93	2	0.67	30
02 FEBRUARY	1	0.83	1	0.50	41
03 MARCH	44	0.71	21	0.58	49
04 APRIL	34	0.41	17	0.51	61
05 MAY	27	0.63	11	0.65	68
06 JUNE	13	0.83	5	0.71	44
07 JULY	2	0.79	3	0.60	72
08 AUGUST	21	0.59	11	0.48	49
09 SEPTEMBER	8	0.97	4	0.72	60
10 OCTOBER	14	0.83	10	0.67	67
11 NOVEMBER	19	0.76	6	0.87	44
12 DECEMBER	0		0	0.61	22

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=CHEROKEE

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	24060	52420	76480	81
WHITE BASS	1060	970	2030	2
STRIPED BASS	73040	72600	145640	66
CHEROKEE BASS	114290	132230	246510	115
ANY SUNFISH	3170	3850	7030	7
ANY BLACK BASS	0	1810	1810	1
SMALLMOUTH BASS	1920	1960	3870	4
LARGEMOUTH BASS	707520	792150	1499660	659
ANY CRAPPIE	35160	157850	193010	279
WALLEYE	0	7600	7600	7
ANY SPECIES	12250	20460	32320	30
TOTAL	**972470**	**1243900**	**2215960**	**1251**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=CHEROKEE

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
KY	343	13.1
TN	1966	75.3
VA	198	7.6
OTHERS	104	4.0

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
GRAINGER	343	17.5
HAMBLEN	508	26.0
HAWKINS	484	24.7
SULLIVAN	210	10.7
OTHERS IN TN	412	21.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1501	57.6
B) 26-100	1011	38.8
C) 101-250	90	3.5
D) > 250	6	0.2

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1310	98.5
B) VACATION	20	1.5

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1252	94.1
B) 2-5	77	5.8
C) 6-10	1	0.1