

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2006

LAKE=CHEROKEE

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	18688	22.3	0.6	3220	0.1	4.6
02 FEBRUARY	14392	26.8	0.5	2616	0.1	3.6
03 MARCH	46711	45.4	1.5	8223	0.3	11.5
04 APRIL	34803	13.2	1.1	6039	0.2	8.6
05 MAY	50931	12.5	1.7	9212	0.3	12.6
06 JUNE	48491	9.0	1.6	8679	0.3	12.0
07 JULY	42921	20.4	1.4	8335	0.3	10.6
08 AUGUST	26820	28.5	0.9	5169	0.2	6.6
09 SEPTEMBER	34382	44.6	1.1	6269	0.2	8.5
10 OCTOBER	34892	19.0	1.2	6539	0.2	8.6
11 NOVEMBER	25513	11.8	0.8	4430	0.1	6.3
12 DECEMBER	26818	33.1	0.9	5646	0.2	6.6
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<b>TOTAL</b>	<b>405362</b>			<b>74377</b>		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2006

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	9344	29.6	0.50	19.2	748	58.0	0.04	47.5
02 FEBRUARY	12233	35.0	0.85	21.6	2015	59.0	0.14	52.4
03 MARCH	44375	48.9	0.95	16.6	6072	57.1	0.13	31.8
04 APRIL	30975	19.6	0.89	14.3	4524	31.5	0.13	28.7
05 MAY	52968	16.5	1.04	10.7	11714	32.4	0.23	29.7
06 JUNE	43157	11.9	0.89	7.8	12123	20.8	0.25	18.4
07 JULY	38629	24.0	0.90	12.4	12447	28.8	0.29	20.3
08 AUGUST	23870	30.8	0.89	11.1	4559	36.0	0.17	20.6
09 SEPTEMBER	46416	45.8	1.35	9.6	9283	48.3	0.27	16.7
10 OCTOBER	40824	21.9	1.17	10.5	8723	27.4	0.25	19.3
11 NOVEMBER	29595	13.8	1.16	7.2	5358	20.4	0.21	16.8
12 DECEMBER	28963	37.2	1.08	16.1	6436	46.0	0.24	29.7
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**SUMMARY OF SPECIES CATCH STATISTICS - 2006**

**LAKE=CHEROKEE**

SPECIES	TOTAL	RSE	SPECIES	INTENDED	TOTAL	RSE	SPECIES	INTENDED	% OF	AVERAGE	NUMBER
	NUMBER	FOR	CATCH	NUMBER	NUMBER	FOR	HARVEST	NUMBER	CAUGHT	WEIGHT	FISH
	CAUGHT	CATCH	COMPOSITION	CAUGHT	HARVESTED	HARVEST	(%)	HARVESTED	RELEASED	(LBS)	RECORDED
PADDLEFISH	57	2719.5	0.0	0	0	.	0.0	0	100.0	.	0
CARP	57	2719.5	0.0	0	0	.	0.0	0	100.0	.	0
BLUE CATFISH	536	676.7	0.1	536	301	538.4	0.4	301	43.8	4.17	7
CHANNEL CATFISH	32848	19.7	8.2	28646	20312	19.9	24.2	17560	38.2	1.82	369
FLATHEAD CATFISH	5090	93.2	1.3	5090	3947	91.2	4.7	3947	22.5	3.51	61
WHITE BASS	4487	146.2	1.1	2300	708	280.5	0.8	295	84.2	3.95	12
STRIPED BASS	5875	77.2	1.5	4544	2213	88.0	2.6	1736	62.3	12.49	51
CHEROKEE BASS	41076	18.5	10.2	18380	13271	22.4	15.8	6844	67.7	5.18	249
BLUEGILL	30337	26.2	7.6	12684	13060	26.1	15.5	6917	57.0	0.25	263
SMALLMOUTH BASS	21605	32.5	5.4	1339	313	155.5	0.4	0	98.6	3.19	7
SPOTTED BASS	3564	143.8	0.9	0	398	204.8	0.5	0	88.8	1.05	7
LARGEMOUTH BASS	169254	11.0	42.2	159620	2159	34.3	2.6	1867	98.7	2.37	37
WHITE CRAPPIE	3708	154.1	0.9	3362	751	188.6	0.9	751	79.7	0.61	16
BLACK CRAPPIE	71341	15.8	17.8	69825	21827	19.1	26.0	21827	69.4	0.78	450
BLACKNOSE CRAPPIE	404	295.2	0.1	404	317	297.5	0.4	317	21.5	1.16	8
SAUGER	145	1482.2	0.0	0	0	.	0.0	0	100.0	.	0
WALLEYE	7504	76.6	1.9	5966	3150	83.3	3.7	2520	58.0	2.47	55
FRESHWATER DRUM	2832	161.8	0.7	129	1126	177.2	1.3	119	60.2	2.05	19

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2006

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	36195	12.4	6726	8.9	0.78	26.1	0.52	25.5	93
ANY TEMPERATE BASS	634	98.1	112	0.2	0.00		0.00		1
WHITE BASS	3078	33.5	562	0.8	1.41	38.3	0.05	0.0	9
STRIPED BASS	44587	10.7	8114	11.0	0.11	39.0	0.05	46.9	141
CHEROKEE BASS	40713	12.1	7534	10.0	0.48	23.8	0.18	33.0	115
ANY SUNFISH	4069	30.4	754	1.0	1.81	25.4	0.87	40.6	10
ANY BLACK BASS	946	59.9	169	0.2	0.97		0.00		3
SMALLMOUTH BASS	3178	42.4	569	0.8	0.39	39.6	0.00		11
LARGEMOUTH BASS	177852	9.6	32513	43.9	0.74	9.4	0.01	140.7	641
ANY CRAPPIE	66884	11.9	12284	16.5	1.58	18.6	0.51	22.3	229
WALLEYE	6805	26.4	1301	1.7	0.78	13.9	0.32	24.6	18
ANY SPECIES	20425	14.6	3739	5.0	1.25	60.6	0.73	35.1	43
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<b>TOTAL</b>	<b>405366</b>		<b>74377</b>						

**SUMMARY OF RELATIVE SPECIES CATCH RATES  
WITHIN TARGET GROUPS - 2006**

**LAKE=CHEROKEE**

<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
	BLUE CATFISH	0.01	0.01
	CHANNEL CATFISH	0.65	0.42
	FLATHEAD CATFISH	0.12	0.09
ANY TEMPERATE BASS	STRIPED BASS	0.00	0.00
	CHEROKEE BASS	0.00	0.00
ANY SUNFISH	BLUEGILL	1.81	0.87
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.01	0.00
	SPOTTED BASS	0.00	0.00
	LARGEMOUTH BASS	0.88	0.01
ANY CRAPPIE	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.07	0.02
	BLACK CRAPPIE	1.50	0.49
	BLACKNOSE CRAPPIE	0.01	0.01

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	14	0.87	7	0.54	49
02 FEBRUARY	31	0.64	11	0.63	51
03 MARCH	34	0.80	16	0.67	53
04 APRIL	27	1.08	16	0.72	50
05 MAY	8	0.95	3	0.94	63
06 JUNE	10	0.95	4	0.78	57
07 JULY	7	0.65	2	0.56	45
08 AUGUST	7	0.67	3	0.70	45
09 SEPTEMBER	20	1.02	7	0.76	41
10 OCTOBER	3	0.93	2	0.65	47
11 NOVEMBER	6	1.51	4	0.68	46
12 DECEMBER	25	1.17	4	0.67	27

**SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS  
FOR INTENDED SPECIES - 2006**

**LAKE=CHEROKEE**

<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	23160	47910	71070	89
ANY TEMPERATE BASS	930	930	1860	1
WHITE BASS	590	3560	4150	9
STRIPED BASS	165590	141930	307520	140
CHEROKEE BASS	107330	111390	218720	111
ANY SUNFISH	2750	3620	6380	7
ANY BLACK BASS	6320	3950	10270	3
SMALLMOUTH BASS	7590	8610	16200	11
LARGEMOUTH BASS	509540	508140	1017680	626
ANY CRAPPIE	16870	62860	79730	224
WALLEYE	7670	12720	20390	18
ANY SPECIES	4410	16260	20670	37
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**SUMMARY OF SOCIOLOGICAL QUESTIONS - 2006**

**LAKE=CHEROKEE**

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

<b>STATE</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
KY	257	10.0
TN	2002	77.7
VA	232	9.0
OTHERS	87	3.4

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

<b>COUNTY</b>	<b>NUMBER ANGLERS INTERVIEWED</b>	<b>PERCENT CONTRIBUTION</b>
GRAINGER	375	18.8
HAMBLEN	481	24.1
HAWKINS	370	18.5
JEFFERSON	107	5.4
KNOX	152	7.6
SULLIVAN	265	13.3
OTHERS IN TN	247	12.4

**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	1473	57.3
B) 26-100	1047	40.7
C) 101-250	47	1.8
D) > 250	5	0.2

**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	1291	98.6
B) VACATION	17	1.3
D) OTHER	1	0.1

**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	1251	95.4
B) 2-5	58	4.4
C) 6-10	2	0.