

**NORRIS RESERVOIR
CREEL SURVEY 2007**

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=NORRIS

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	25790	41.6	0.8	4951	0.1	7.7
02 FEBRUARY	8283	30.1	0.2	1893	0.1	2.5
03 MARCH	32559	36.1	1.0	5686	0.2	9.7
04 APRIL	10918	26.5	0.3	2186	0.1	3.3
05 MAY	43851	13.0	1.3	9068	0.3	13.1
06 JUNE	60704	9.8	1.8	11727	0.3	18.1
07 JULY	35583	28.2	1.0	7152	0.2	10.6
08 AUGUST	10103	83.7	0.3	2209	0.1	3.0
09 SEPTEMBER	39956	17.5	1.2	8191	0.2	11.9
10 OCTOBER	24073	8.3	0.7	4609	0.1	7.2
11 NOVEMBER	19702	20.2	0.6	3556	0.1	5.9
12 DECEMBER	23464	34.0	0.7	4308	0.1	7.0
-----	-----			-----		
TOTAL	334986			65536		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=NORRIS

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	21664	54.9	0.84	33.3	2063	88.3	0.08	68.7
02 FEBRUARY	497	76.8	0.06	63.8	0	.	0.00	.
03 MARCH	23442	43.5	0.72	23.0	5535	69.4	0.17	55.7
04 APRIL	6332	29.0	0.58	11.5	1310	51.8	0.12	43.6
05 MAY	50867	55.9	1.16	53.8	16225	85.5	0.37	83.6
06 JUNE	66774	21.3	1.10	18.8	18211	32.6	0.30	31.2
07 JULY	14945	63.5	0.42	55.3	1423	77.7	0.04	66.3
08 AUGUST	10103	114.8	1.00	60.6	202	83.7	0.02	0.0
09 SEPTEMBER	12786	28.0	0.32	21.4	1598	49.1	0.04	41.5
10 OCTOBER	11314	27.0	0.47	25.8	2648	51.1	0.11	52.4
11 NOVEMBER	12412	30.5	0.63	22.4	1379	101.9	0.07	97.8
12 DECEMBER	21118	46.7	0.90	30.2	939	47.9	0.04	33.9
-----	-----				-----			
TOTAL	252254				51533			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=NORRIS

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
ANY GAR	327	1117.6	0.1	0	0	.	0.0	0	100.0	.	0
CHANNEL CATFISH	13533	69.3	5.4	1177	3933	124.7	7.8	983	70.9	1.34	8
FLATHEAD CATFISH	184	661.1	0.1	0	184	661.1	0.4	0	0.0	2.20	1
WHITE BASS	1731	447.1	0.7	0	0	.	0.0	0	100.0	.	0
STRIPED BASS	13143	64.4	5.3	10933	1187	146.3	2.4	1039	91.0	7.79	8
ROCK BASS	504	890.9	0.2	0	0	.	0.0	0	100.0	.	0
BLUEGILL	75773	23.8	30.3	65728	24070	34.4	48.0	20727	68.2	0.27	108
REDEAR SUNFISH	381	714.5	0.2	0	256	882.2	0.5	0	32.8	1.30	1
SMALLMOUTH BASS	56308	23.0	22.5	50440	2589	85.5	5.2	2158	95.4	2.70	12
SPOTTED BASS	37368	33.6	14.9	30186	1899	42.6	3.8	1372	94.9	0.75	17
LARGEMOUTH BASS	25937	42.0	10.4	23457	1577	166.7	3.1	1183	93.9	1.70	4
WHITE CRAPPIE	2431	120.4	1.0	2309	1902	122.6	3.8	1766	21.8	0.84	14
BLACK CRAPPIE	12969	124.2	5.2	12489	6040	116.9	12.0	5926	53.4	0.74	41
BLACKNOSE CRAPPIE	1400	320.5	0.6	1400	1012	391.8	2.0	1012	27.7	0.53	5
WALLEYE	6389	103.5	2.6	4733	5500	105.3	11.0	4921	13.9	2.22	18
FRESHWATER DRUM	1357	354.9	0.5	493	0	.	0.0	0	100.0	.	0

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

LAKE=NORRIS

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	2488	79.2	485	0.7	0.11		0.11		2
STRIPED BASS	41428	16.9	8174	12.4	0.28	101.1	0.04	163.4	60
ANY SUNFISH	21485	23.5	4293	6.4	4.01	40.6	1.47	63.8	17
ANY BLACK BASS	113634	11.2	22098	33.9	0.58	33.7	0.02	105.7	161
SMALLMOUTH BASS	28619	22.2	5375	8.5	0.44	26.2	0.01	194.1	56
LARGEMOUTH BASS	339	146.0	65	0.1	0.29		0.00		1
ANY CRAPPIE	20986	21.7	4040	6.3	0.83	159.5	0.45	168.7	34
WALLEYE	45729	15.2	9053	13.7	0.06	51.2	0.05	56.7	57
ANY SPECIES	60278	14.4	11954	18.0	0.65	102.8	0.10	128.0	53
----- TOTAL	334986		65537						

SUMMARY OF RELATIVE SPECIES CATCH RATES
WITHIN TARGET GROUPS - 2007

LAKE=NORRIS

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH	CHANNEL CATFISH	0.11	0.11
	FLATHEAD CATFISH	0.00	0.00
ANY SUNFISH	BLUEGILL	4.01	1.47
	REDEAR SUNFISH	0.00	0.00
ANY BLACK BASS	SMALLMOUTH BASS	0.35	0.02
	SPOTTED BASS	0.21	0.01
	LARGEMOUTH BASS	0.16	0.01
ANY CRAPPIE	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.12	0.09
	BLACK CRAPPIE	0.64	0.31
	BLACKNOSE CRAPPIE	0.07	0.05

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=NORRIS

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	0.31	25
02 FEBRUARY	0		0	0.08	7
03 MARCH	56	0.67	19	0.65	29
04 APRIL	0		0	0.65	16
05 MAY	0		0	0.84	13
06 JUNE	0		0	0.24	9
07 JULY	15	0.00	1	0.12	11
08 AUGUST	9	0.00	3	0.92	5
09 SEPTEMBER	0		0	0.49	14
10 OCTOBER	0		0	0.89	8
11 NOVEMBER	31	0.36	5	0.63	19
12 DECEMBER	17	0.41	5	0.59	29

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

LAKE=NORRIS

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	3590	4170	7760	2
STRIPED BASS	134910	196100	331010	34
ANY SUNFISH	54890	92860	147750	13
ANY BLACK BASS	614920	491530	1106460	108
SMALLMOUTH BASS	94620	111290	201300	24
LARGEMOUTH BASS	3260	9770	13030	1
ANY CRAPPIE	46790	18470	65260	17
WALLEYE	176350	65250	241610	27
ANY SPECIES	222540	102100	324630	39
----- TOTAL	1351870	1091540	2438810	265

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=NORRIS

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
KY	53	6.6
TN	692	86.2
OTHERS	58	7.2

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
ANDERSON	167	24.7
CAMPBELL	161	23.9
CLAIBORNE	114	16.9
KNOX	107	15.9
UNION	52	7.7
OTHERS IN TN	74	11.0

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	586	73.7
B) 26-100	136	17.1
C) 101-250	19	2.4
D) > 250	54	6.8

DISTRIBUTION OF REASONS WHY INTERVIEWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	430	98.2
B) VACATION	8	1.8

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	398	91.3
B) 2-5	27	6.2
C) 6-10	10	2.3
D) 11-15	1	0.2