

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2003

LAKE=DOUGLAS

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	12529	32.2	0.4	3119	0.1	2.0
02 FEBRUARY	5096	37.3	0.2	1222	0.0	0.8
03 MARCH	123762	31.6	4.0	17284	0.6	20.0
04 APRIL	57110	19.5	1.9	10264	0.3	9.2
05 MAY	74725	18.1	2.4	13632	0.4	12.1
06 JUNE	62714	11.2	2.0	12354	0.4	10.1
07 JULY	67136	15.3	2.2	16084	0.5	10.8
08 AUGUST	49141	20.0	1.6	10471	0.3	7.9
09 SEPTEMBER	46076	21.7	1.5	8920	0.3	7.4
10 OCTOBER	56096	13.2	1.8	10399	0.3	9.0
11 NOVEMBER	26923	26.2	0.9	5022	0.2	4.3
12 DECEMBER	38712	32.3	1.3	8849	0.3	6.2
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TOTAL	620020			117620		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2003

LAKE=DOUGLAS

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	18042	37.1	1.44	17.6	4009	68.1	0.32	58.0
02 FEBRUARY	17581	50.7	3.45	32.1	2599	58.7	0.51	42.4
03 MARCH	216584	33.4	1.75	10.4	42079	43.0	0.34	27.4
04 APRIL	94232	22.9	1.65	11.8	18846	38.4	0.33	32.8
05 MAY	169626	22.1	2.27	12.4	69494	28.1	0.93	21.0
06 JUNE	94698	17.5	1.51	13.3	33866	25.6	0.54	22.8
07 JULY	150385	19.4	2.24	11.7	61765	23.1	0.92	17.1
08 AUGUST	101230	21.6	2.06	8.1	33416	25.5	0.68	15.5
09 SEPTEMBER	99985	23.6	2.17	9.1	17970	30.9	0.39	21.6
10 OCTOBER	97607	16.6	1.74	10.0	30853	21.5	0.55	17.0
11 NOVEMBER	52769	35.3	1.96	22.9	18308	41.1	0.68	30.4
12 DECEMBER	97554	34.4	2.52	11.3	39099	38.6	1.01	20.0
----- TOTAL	1210293				372304			

SUMMARY OF SPECIES CATCH STATISTICS - 2003

LAKE=DOUGLAS

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
BLUE CATFISH	94	1960.3	0.0	94	94	1960.3	0.0	94	0.0	1.00	1
CHANNEL CATFISH	36668	31.4	3.0	21813	22437	31.0	6.0	14007	38.8	1.65	346
FLATHEAD CATFISH	564	812.5	0.0	564	492	843.7	0.1	492	12.8	2.81	9
WHITE BASS	108362	20.3	9.0	85605	35712	28.0	9.6	32399	67.0	0.88	485
REDBREAST SUNFISH	435	1634.4	0.0	0	233	1460.3	0.1	0	46.4	0.22	3
GREEN SUNFISH	258	1636.5	0.0	0	0		0.0	0	100.0		0
SMALLMOUTH BASS	7180	143.1	0.6	1689	0		0.0	0	100.0		0
LARGEMOUTH BASS	355905	10.2	29.4	294425	27516	19.2	7.4	13290	92.3	1.23	441
WHITE CRAPPIE	352234	9.3	29.1	328070	108815	15.7	29.2	103659	69.1	0.73	2617
BLACK CRAPPIE	20302	82.5	1.7	18779	6760	80.5	1.8	6366	66.7	0.76	120
BLACKNOSE CRAPPIE	1590	422.0	0.1	1590	277	612.9	0.1	277	82.6	0.79	4
SAUGER	19025	57.9	1.6	13303	3926	75.0	1.1	2555	79.4	1.54	63
WALLEYE	3217	262.4	0.3	224	1156	274.5	0.3	72	64.1	1.95	16
SAUGEYE	93	2641.3	0.0	0	0		0.0	0	100.0		0
FRESHWATER DRUM	6733	139.3	0.6	392	3136	147.5	0.8	256	53.4	1.75	49

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2003

LAKE=DOUGLAS

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	21578	15.6	4376	3.5	1.25	23.5	0.78	20.2	45
WHITE BASS	36136	18.3	6875	5.8	2.29	22.5	0.94	23.1	60
ANY SUNFISH	49700	12.9	9970	8.0	4.04	23.9	2.68	28.4	87
ANY BLACK BASS	30219	14.1	5659	4.9	1.03	10.4	0.04	71.7	98
LARGEMOUTH BASS	195728	9.2	36997	31.6	0.93	20.2	0.04	65.4	454
ANY CRAPPIE	223758	9.8	42530	36.1	1.81	11.5	0.67	14.8	530
SAUGER	26566	31.9	3955	4.3	0.57	16.8	0.12	20.8	52
WALLEYE	625	86.1	150	0.1	0.88	59.0	0.29	59.7	2
ANY SPECIES	35709	13.0	7109	5.8	2.28	27.6	1.12	33.8	55
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TOTAL	620019		117621						

**SUMMARY OF RELATIVE SPECIES CATCH RATES
WITHIN TARGET GROUPS - 2003**

LAKE=DOUGLAS

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH	BLUE CATFISH	0.01	0.01
	CHANNEL CATFISH	1.21	0.75
	FLATHEAD CATFISH	0.03	0.03
ANY SUNFISH	REDBREAST SUNFISH	0.00	0.00
	GREEN SUNFISH	0.00	0.00
ANY BLACK BASS	SMALLMOUTH BASS	0.01	0.00
	LARGEMOUTH BASS	1.30	0.06
ANY CRAPPIE	WHITE CRAPPIE	1.70	0.63
	BLACK CRAPPIE	0.10	0.04
	BLACKNOSE CRAPPIE	0.01	0.00

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=DOUGLAS

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	0.98	13
02 FEBRUARY	0	.	0	0.26	2
03 MARCH	10	1.16	11	0.64	61
04 APRIL	12	1.57	4	0.89	39
05 MAY	20	1.66	20	1.13	69
06 JUNE	5	1.35	3	0.84	59
07 JULY	16	1.10	9	0.89	57
08 AUGUST	20	0.80	7	0.86	48
09 SEPTEMBER	27	0.53	5	1.26	42
10 OCTOBER	40	1.01	13	1.06	48
11 NOVEMBER	48	0.49	5	1.09	14
12 DECEMBER	13	1.06	3	0.89	19

**SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS
FOR INTENDED SPECIES - 2003**

LAKE=DOUGLAS

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	10630	23900	34520	44
WHITE BASS	58300	80880	139180	60
ANY SUNFISH	10580	66160	76740	85
ANY BLACK BASS	93390	81540	174940	98
LARGEMOUTH BASS	524670	605060	1129720	445
ANY CRAPPIE	173960	324280	498250	514
SAUGER	19170	34250	53420	50
WALLEYE	1270	1500	2770	2
ANY SPECIES	7060	23880	30940	52
----- TOTAL	899030	1241450	2140480	1350

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2003

LAKE=DOUGLAS

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
KY	260	8.8
TN	2458	82.9
VA	178	6.0
OTHERS	70	2.4

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
COCKE	530	21.5
HAMBLEN	185	7.5
JEFFERSON	654	26.6
KNOX	340	13.8
SEVIER	307	12.5
OTHERS IN TN	437	17.8
OUT-OF-STATE	7	0.3

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1974	67.1
B) 26-100	913	31.1
C) 101-250	53	1.8

DISTRIBUTION OF REASONS WHY INTERVIEWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1353	98.0
B) VACATION	24	1.7
D) OTHER	4	0.3

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1305	94.5
B) 2-5	74	5.4
C) 6-10	2	0.1