

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2010

LAKE=BOONE

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	3486	31.5	0.8	640	0.1	2.4
02 FEBRUARY	3224	59.5	0.7	605	0.1	2.2
03 MARCH	13206	25.3	2.9	2263	0.5	9.0
04 APRIL	25824	25.0	5.7	4193	0.9	17.5
05 MAY	24996	10.9	5.5	4013	0.9	17.0
06 JUNE	20073	22.7	4.4	3890	0.9	13.6
08 AUGUST	14341	16.1	3.2	3541	0.8	9.7
09 SEPTEMBER	15245	20.8	3.4	2696	0.6	10.3
10 OCTOBER	15517	12.2	3.4	2795	0.6	10.5
11 NOVEMBER	9137	7.8	2.0	1797	0.4	6.2
12 DECEMBER	2247	32.4	0.5	374	0.1	1.5
----- TOTAL	----- 147296			----- 26807		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2010

LAKE=BOONE

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	1185	48.8	0.34	35.2	0	.	0.00	.
02 FEBRUARY	1934	72.6	0.60	35.6	1193	124.9	0.37	95.7
03 MARCH	4754	30.0	0.36	15.5	660	66.8	0.05	54.8
04 APRIL	25308	31.5	0.98	18.6	3615	72.5	0.14	63.8
05 MAY	27496	18.7	1.10	15.1	2250	43.1	0.09	40.3
06 JUNE	25493	30.2	1.27	19.5	602	62.9	0.03	59.2
08 AUGUST	11473	27.6	0.80	22.2	1578	73.4	0.11	70.3
09 SEPTEMBER	8690	26.6	0.57	16.2	457	41.0	0.03	41.2
10 OCTOBER	9310	24.2	0.60	20.7	1241	41.0	0.08	40.4
11 NOVEMBER	4112	16.2	0.45	14.2	274	89.4	0.03	85.3
12 DECEMBER	5887	40.5	2.62	23.1	1034	65.9	0.46	54.6
----- TOTAL	125642				12904			

SUMMARY OF SPECIES CATCH STATISTICS - 2010

LAKE=BOONE

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	521	322.0	0.4	156	0	.	0.0	0	100.0	.	0
BLUE CATFISH	50	723.6	0.0	0	50	723.6	0.4	0	0.0	3.10	1
CHANNEL CATFISH	1581	149.2	1.3	937	495	110.3	3.8	433	68.7	2.29	8
FLATHEAD CATFISH	100	848.0	0.1	100	50	512.5	0.4	50	50.0	6.40	1
RAINBOW TROUT	40	1072.3	0.0	0	0	.	0.0	0	100.0	.	0
BROWN TROUT	1242	228.7	1.0	452	418	239.0	3.2	366	66.3	1.39	8
STRIPED BASS	12273	34.4	9.8	7486	1361	33.9	10.5	1079	88.9	11.13	29
CHEROKEE BASS	14916	31.5	11.9	8196	2093	37.5	16.2	1047	86.0	6.19	41
ROCK BASS	99	1631.4	0.1	99	0	.	0.0	0	100.0	.	0
WARMOUTH	41	1461.9	0.0	0	0	.	0.0	0	100.0	.	0
BLUEGILL	37220	20.9	29.6	29870	3831	52.4	29.7	2813	89.7	0.31	64
SMALLMOUTH BASS	19289	21.7	15.4	17267	404	58.8	3.1	354	97.9	3.02	8
SPOTTED BASS	3272	93.9	2.6	3221	150	159.9	1.2	150	95.4	1.65	3
LARGEMOUTH BASS	29606	16.4	23.6	26192	990	84.7	7.7	880	96.7	2.10	9
WHITE CRAPPIE	258	782.0	0.2	258	47	314.9	0.4	47	81.8	1.10	1
BLACK CRAPPIE	3505	74.6	2.8	3235	2107	73.3	16.3	2107	39.9	1.13	26
BLACKNOSE CRAPPIE	908	85.8	0.7	908	908	85.8	7.0	908	0.0	0.94	16

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2010

LAKE=BOONE

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	1184	47.1	218	0.8	0.39	21.6	0.16	95.2	6
ANY TROUT	247	96.7	40	0.2	0.90		0.90		1
ANY TEMPERATE BASS	2964	31.2	524	2.0	0.40	31.2	0.06	39.3	12
STRIPED BASS	16310	14.5	3019	11.1	0.20	36.5	0.03	93.5	65
CHEROKEE BASS	4236	28.4	752	2.9	0.45	88.1	0.07	38.4	15
ANY SUNFISH	6968	23.3	1314	4.7	3.53	28.2	0.63	108.6	17
ANY BLACK BASS	81263	7.9	14655	55.2	0.48	19.7	0.01	81.5	383
SMALLMOUTH BASS	649	70.0	120	0.4	0.27		0.11		3
LARGEMOUTH BASS	1055	49.6	170	0.7	0.18	106.6	0.00		4
ANY CRAPPIE	4367	25.3	757	3.0	0.78	48.8	0.50	57.2	23
ANY SPECIES	28051	10.9	5235	19.0	1.09	39.6	0.04	89.2	111
----- TOTAL	147294		26804						

**SUMMARY OF RELATIVE SPECIES CATCH RATES
WITHIN TARGET GROUPS - 2010**

LAKE=BOONE

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.00	0.00
	CHANNEL CATFISH	0.35	0.14
	FLATHEAD CATFISH	0.04	0.02
ANY TROUT	RAINBOW TROUT	0.00	0.00
	BROWN TROUT	0.90	0.90
ANY TEMPERATE BASS	STRIPED BASS	0.19	0.03
	CHEROKEE BASS	0.21	0.03
ANY SUNFISH	WARMOUTH	0.00	0.00
	BLUEGILL	3.53	0.63
ANY BLACK BASS	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.21	0.00
	SPOTTED BASS	0.04	0.00
	LARGEMOUTH BASS	0.32	0.01
ANY CRAPPIE	WHITE CRAPPIE	0.05	0.01
	BLACK CRAPPIE	0.57	0.34
	BLACKNOSE CRAPPIE	0.16	0.15

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=BOONE

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	0.23	11
02 FEBRUARY	7	0.00	1	0.27	17
03 MARCH	5	0.15	1	0.24	42
04 APRIL	32	0.24	8	0.50	40
05 MAY	16	0.41	9	0.68	67
06 JUNE	14	0.43	7	0.53	24
08 AUGUST	12	0.26	3	0.35	19
09 SEPTEMBER	19	0.24	7	0.36	38
10 OCTOBER	6	0.28	2	0.43	48
11 NOVEMBER	0		0	0.48	27
12 DECEMBER	5	4.22	2	1.81	17

**SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS
FOR INTENDED SPECIES - 2010**

LAKE=BOONE

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	1390	2280	3670	6
ANY TROUT	100	400	500	1
ANY TEMPERATE BASS	13980	13110	27090	12
STRIPED BASS	130950	131080	262030	65
CHEROKEE BASS	17320	17110	34430	15
ANY SUNFISH	10170	16260	26420	17
ANY BLACK BASS	264940	403860	668800	383
SMALLMOUTH BASS	1190	2100	2660	3
LARGEMOUTH BASS	3400	2720	6120	4
ANY CRAPPIE	7730	18290	26020	23
ANY SPECIES	60170	79040	139210	109
-----	-----	-----	-----	-----
TOTAL	511340	686250	1196950	638

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2010

LAKE=BOONE

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
NC	83	6.8
TN	990	80.6
VA	119	9.7
OTHERS	37	3.0

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CARTER	146	14.7
SULLIVAN	471	47.3
WASHINGTON	277	27.8
OTHERS IN TN	96	9.6
OUT-OF-STATE	5	0.5

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	869	70.7
B) 26-100	299	24.3
C) 101-250	50	4.1
D) > 250	11	0.9

DISTRIBUTION OF REASONS WHY INTERVIEWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	670	99.6
B) VACATION	2	0.3
C) BUSINESS	1	0.1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	639	94.9
B) 2-5	28	4.2
C) 6-10	5	0.7
E) 16-20	1	0.1