

**Appendix A**  
**Entire Survey Estimates, Values, and Ancillary Information**

Table A1. Intercept and slope values used in regression equations<sup>a</sup> for fish length-weight conversions (inches-pounds), 3 Hennepin County, Minnesota lakes, creel survey 2002-03. Values taken from most recent available lake survey or assessment data.

Species	<i>Medicine</i>	<i>Independence</i>	<i>Sarah</i>
	Intercept/Slope	Intercept/Slope	Intercept/Slope
Bowfin	-3.1246/2.7272	-3.2780/2.8661	-3.9545/3.3390
Northern pike	-3.5640/2.9211	-3.6690/2.9940	-3.6438/2.9821
Muskellunge		-4.1184/3.3204	
Carp	-3.5552/3.1706	-4.7796/4.0309	<sup>b</sup>
Bullhead <sup>c</sup>	-3.6501/3.3750	<sup>d</sup>	-3.0744/2.8494
Sunfish <sup>e</sup>	-3.3670/3.2366	-2.7880/2.9034	-3.1527/3.0048
Largemouth bass	-3.5329/3.2231	-3.4404/3.1602	-3.4877/3.1838
Crappie <sup>f</sup>	-3.5209/3.2202	-3.6865/3.4363	-3.1536/2.8485
Yellow perch	-3.4298/3.0463	-3.0017/2.5202	-3.3295/2.9645
Walleye <sup>f</sup>	<sup>g</sup>	-3.7941/3.2449	<sup>g</sup>

- <sup>a</sup> equations are of the form:  $\log wt = \log a + b \log len$   
with  $wt$  = weight in lb,  $a$  = intercept,  $b$  = slope, and  $len$  = length in inches
- <sup>b</sup> equation for Lk. Independence carp used
- <sup>c</sup> equation for yellow bullhead used
- <sup>d</sup> too few bullhead sampled; Medicine Lk. equation used
- <sup>e</sup> equation for bluegill used for all sunfish species / hybrids
- <sup>f</sup> equation for black crappie used <sup>g</sup> Lk. Independence equation used

Table A2. Percentage, by species, of generalized fish-category terms used by anglers and in this survey; percentages are of fish sampled during the most recent lake survey or population assessment, pooled over all gear types. Percentages might not total 100.0 because of rounding error.

Fish Type and Species	<i>Medicine</i>	<i>Independence</i>	<i>Sarah</i>
	2000	2001	2001
<u>Sunfish/"Sunnies"</u>			
Bluegill	96	95	97
Pumpkinseed Sunfish	3	4	1
Green Sunfish	0.7	0.3	0.4
All hybrids of these species	0.7	0.4	1
<u>Crappie</u>			
Black Crappie	98	100	98
White Crappie	2		2
<u>Bullhead</u>			
Black Bullhead	34		3
Yellow Bullhead	63	100	97
Brown Bullhead	3		

Table A3. Some comparisons of values from 3 Hennepin County, Minnesota winter 2002-03 creel surveys and those of Lake Class 24 values. Lake Class 24 (LC 24) values from available 1935-2001 creel survey data compiled by MN-DNR Fisheries Research unit. Values above 75<sup>th</sup> percentile are in bold; those below 25<sup>th</sup> percentile are italicized. n/a-- no data available or fish not sought. Note: walleye are stocked into Medicine Lake and Lake Independence; Lake Sarah walleye are the result of migration and/or illegal stocking, as there has been no recent MN-DNR walleye stocking nor evidence of naturally reproducing populations.

	Medicine 2002-03	Independence 2002-03	Sarah 2002-03	LC 24 Mean	LC 24 25 <sup>th</sup> percentile	LC 24 75 <sup>th</sup> percentile
Fishing Pressure Density (a-h/acre)	44.7	39.3	47.8	21.0	13.3	28.4
Total Fish Catch Numbers	67,601	38,073	55,760	31,209	3,197	39,507
Total Catch: number/acre	76.3	45.1	97.1	29.6	10.4	48.1
Sunfish Catch Numbers/Acre	31.9	10.8	57.1	16.3	0.6	33.4
Crappie "	30.0	22.3	38.7	6.0	1.6	8.2
Northern pike "	6.1	0.4	-0-	1.3	0.3	2.0
Walleye "	-0-	0.5	-0-	1.0	0.1	0.9
Total Yield: pounds/acre	25.1	6.4	17.5	9.0	4.1	12.6
Sunfish Yield	3.6	1.2	5.3	1.5	0.1	3.3
Crappie Yield	8.8	4.5	11.5	4.7	1.2	6.2
Northern pike Yield	12.2	-0-	-0-	2.4	0.6	3.2
Walleye Yield	-0-	0.6	-0-	0.3	0.1	0.5
Overall Catch Rate	1.705	1.148	2.033	1.701	0.652	2.681
Overall Harvest Rate	0.968	0.456	0.981	0.644	0.501	0.771
Sought Catch Rates:						
Sunfish	1.446	2.637	3.416	1.441	0.584	2.020
Crappie	0.941	0.500	0.765	0.469	0.168	0.602
Northern pike	0.190	-0-	-0-	0.092	0.056	0.132
Walleye	n/a	0.018	n/a	0.057	0.009	0.100

Table A4. Some comparisons of values from 3 Hennepin County, Minnesota open-water 2003 creel surveys and those of Lake Class 24 values. Lake Class 24 (LC 24) values from available 1935-2001 creel survey data compiled by MN-DNR Fisheries Research unit. Values above 75<sup>th</sup> percentile are in bold; those below 25<sup>th</sup> percentile are italicized. n/a-- no data available or fish not sought. Note: Muskellunge are stocked into Lake Independence, but not the other two lakes; walleye are stocked into Medicine Lake and Lake Independence; Lake Sarah walleye are the result of migration and/or illegal stocking, as there has been no recent MN-DNR walleye stocking nor evidence of naturally reproducing walleye populations.

	Medicine 2002-03	Independence 2002-03	Sarah 2002-03	LC 24 Mean	LC 24 25 <sup>th</sup> percentile	LC 24 75 <sup>th</sup> percentile
Fishing Pressure Density (a-h/acre)	71.1	76.7	49.5	52.1	31.8	47.3
<b>Total Fish Catch Numbers</b>	<b>119,145</b>	<b>105,133</b>	<b>106,260</b>	47,318	10,375	62,405
<b>Total Catch: Number/acre</b>	<b>134.5</b>	<b>124.6</b>	<b>185.1</b>	78.4	22.7	100.7
<b>Sunfish Catch Numbers/Acre</b>	<b>60.9</b>	48.9	<b>135.8</b>	45.6	6.8	50.8
<b>Crappie</b> "	<b>54.9</b>	<b>54.4</b>	<b>19.6</b>	12.6	1.2	11.0
<b>Northern pike</b> "	<b>4.4</b>	3.2	1.4	3.2	0.4	3.7
<b>Walleye</b> "	<i>0.2</i>	1.8	<i>0.01</i>	2.5	0.3	2.5
<b>Largemouth bass</b> "	<b>11.4</b>	<b>12.6</b>	<b>27.6</b>	5.4	2.0	7.2
<b>Muskellunge</b> "	<i>-0-</i>	<b>1.0</b>	<i>-0-</i>	0.4	0.1	0.5
<b>Total Harvest Yield:pounds/acre</b>	19.5	13.6	30.5	23.7	8.2	33.1
<b>Sunfish Yield</b>	3.9	3.0	<b>17.0</b>	8.6	1.0	12.2
<b>Crappie Yield</b>	<b>12.5</b>	7.2	4.9	4.9	0.8	7.4
<b>Northern pike Yield</b>	1.3	<i>0.6</i>	2.2	3.9	1.2	6.4
<b>Walleye Yield</b>	<i>0.1</i>	0.6	<i>-0-</i>	1.4	0.3	1.6
<b>Overall Catch Rate (No. fish / hour)</b>	<b>2.147</b>	<b>1.624</b>	<b>3.741</b>	1.497	0.840	2.000
<b>Overall Harvest Rate</b> "	<b>1.019</b>	0.466	<b>1.185</b>	0.780	0.365	1.014
<b>Sought Catch Rates:</b>						
<b>Sunfish</b>	<b>3.246</b>	<b>1.958</b>	<b>6.232</b>	0.835	0.211	1.193
<b>Crappie</b>	<b>0.740</b>	<b>1.836</b>	<b>0.860</b>	0.243	0.036	0.330
<b>Northern pike</b>	<b>0.330</b>	0.143	<b>0.254</b>	0.088	0.013	0.150
<b>Walleye</b>	<i>-0-</i>	<b>0.112</b>	n/a	0.051	0.007	0.058
<b>Largemouth bass</b>	<b>0.853</b>	<b>0.336</b>	<b>1.261</b>	0.117	0.051	0.152
<b>Muskellunge</b>	n/a	<b>0.044</b>	n/a	0.008	0.002	0.011

## Appendix B. Strata values by month

Current Stratum Combinations:  
 Seasons 2 - Dec-January, Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres, Angler Types 1 - All Winter Anglers/Bt. Count

### Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	Angler SE	Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			26663.5	---	30.09	---	1.46	0.20	2.35	0.61	50

### Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.9844	0.2761	0.2466	0.1288	1.2311	0.3812	81.0	30	
NOP	0.2400	0.0685	0.2911	0.1814	0.5311	0.1699	50.1	17	
SUN	1.3018	---	0.8136	---	2.1155	---	25.5	12	
YEP	0.4532	0.4491	0.3021	0.3049	0.7553	0.1442	6.6	4	

### Catch Per Angler-Hour

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs
BLH	0.0000	0.0000	0.0062	0.0065	0.0062	0.0065	131.9
CRP	0.6027	---	0.1598	---	0.7625	---	131.9
LMB	0.0000	0.0000	0.0062	0.0063	0.0062	0.0063	131.9
NOP	0.0735	---	0.0983	---	0.1718	---	131.9
SUN	0.3669	---	0.1780	---	0.5449	---	131.9
YEP	0.0187	0.0192	0.0746	0.0155	0.0933	0.0080	131.9
ALL	1.0617	---	0.5233	---	1.5850	---	131.9

### Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	165.8	173.0	0.19	0.20	165.8	173.0	0.19	0.20
CRP	16070.1	---	18.14	---	4261.6	---	4.81	---	20331.7	---	22.95	---
LMB	0.0	0.0	0.00	0.00	165.8	166.2	0.19	0.19	165.8	166.2	0.19	0.19
NOP	1959.0	---	2.21	---	2622.2	---	2.96	---	4581.2	---	5.17	---
SUN	9782.8	---	11.04	---	4747.0	---	5.36	---	14529.8	---	16.40	---
YEP	497.4	503.1	0.56	0.57	1989.7	898.9	2.25	1.01	2487.2	894.6	2.81	1.01
ALL	28309.3	---	31.95	---	13952.1	---	15.75	---	42261.4	---	47.70	---

### Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	6376.6	---	7.20	---
NOP	9233.7	---	10.42	---
SUN	2287.3	---	2.58	---
YEP	58.0	58.9	0.07	0.07
ALL	17955.6	---	20.27	---

Medicine Dec. 2002-January 2003

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	---	---	11.70	17.24	11.70	17.24
CRP	8.14	1.73	6.33	2.46	7.79	1.84	8.14	4.10	6.33	6.02	7.79	4.27
LMB	---	---	---	---	---	---	---	---	4.00	5.77	4.00	5.75
NOP	25.89	7.86	19.10	7.09	23.77	6.12	25.89	20.63	18.83	14.18	23.14	13.99
SUN	6.97	1.11	5.30	1.78	5.98	1.75	6.97	4.90	5.30	4.64	6.06	3.13
YEP	6.50	---	---	---	6.50	---	6.50	9.37	4.83	4.35	5.67	5.02

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	0.98	1.45	0.98	1.45
CRP	0.40	0.10	0.20	0.09	0.36	0.09	0.40	0.19	0.20	0.14	0.36	0.18
LMB	---	---	---	---	---	---	---	---	0.03	0.08	0.03	0.17
NOP	4.79	1.93	2.14	1.28	3.96	1.34	4.79	4.28	1.92	1.58	3.68	2.37
SUN	0.24	0.03	0.10	0.03	0.16	0.04	0.23	0.15	0.10	0.08	0.16	0.08
YEP	0.12	---	---	---	0.12	---	0.12	0.17	0.05	0.04	0.08	0.09

Current Stratum Combinations:  
 Seasons 3 - February,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Below: pooled values				
							No. Ang. per Int.	SE	Mean Trip Len.	SE	No. Ints.
			9648.7	1606.4	10.89	1.81	1.67	0.26	2.99	0.87	55

Catch Per Angler-Hour

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Targeting Anglers

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv
CRP	0.5556	0.2259	0.1810	0.0924	0.7367	0.1553	110.2	31
LMB	0.3636	---	0.0000	---	0.3636	---	5.5	2
NOP	0.0793	0.0285	0.0828	0.0202	0.1621	0.0171	115.8	26
SUN	1.0244	---	3.0731	---	4.0975	---	7.7	4
YEP	0.0686	---	2.8876	---	2.9562	---	13.3	4

Catch Per Angler-Hour

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All Anglers

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs
CRP	0.3335	0.1021	0.1586	0.0793	0.4921	0.0887	221.0
LMB	0.0078	0.0085	0.0000	0.0000	0.0078	0.0085	221.0
NOP	0.0367	0.0041	0.0511	0.0237	0.0878	0.0089	221.0
SUN	0.0723	0.0356	0.1449	0.0618	0.2172	0.0969	221.0
YEP	0.0603	0.0225	0.2731	0.1327	0.3334	0.1550	221.0
ALL	0.5105	0.1108	0.6278	0.1682	1.1382	0.2035	221.0

Medicine Lake Creel Survey February 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	3217.6	873.7	3.63	0.99	1530.3	753.7	1.73	0.85	4747.9	609.3	5.36	0.69
LMB	74.9	81.3	0.08	0.09	0.0	0.0	0.00	0.00	74.9	81.3	0.08	0.09
NOP	354.0	179.5	0.40	0.20	493.2	216.6	0.56	0.24	847.2	268.0	0.96	0.30
SUN	697.4	461.3	0.79	0.52	1398.3	897.1	1.58	1.01	2095.6	1353.8	2.37	1.53
YEP	581.5	222.6	0.66	0.25	2635.3	1233.1	2.97	1.39	3216.8	1450.9	3.63	1.64
ALL	4925.3	1031.7	5.56	1.16	6057.1	1714.8	6.84	1.94	10982.4	2094.6	12.40	2.36

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	1128.7	344.5	1.27	0.39
LMB	185.4	201.5	0.21	0.23
NOP	1527.4	1469.5	1.72	1.66
SUN	171.9	157.1	0.19	0.18
YEP	89.0	65.1	0.10	0.07
ALL	3102.5	1532.2	3.50	1.73

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	7.83	2.21	5.85	2.30	7.45	2.28	7.83	6.78	5.89	3.00	7.35	5.40
LMB	15.75	---	---	---	15.75	---	15.75	23.40	---	---	15.75	23.40
NOP	24.36	8.11	23.55	9.17	23.93	3.36	24.36	25.38	23.55	28.73	23.93	14.07
SUN	7.26	5.70	5.31	2.71	5.86	3.50	7.08	9.97	5.46	7.58	6.01	8.33
YEP	7.70	---	6.42	5.70	6.53	4.92	7.16	9.21	6.32	10.05	6.52	9.70

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.35	0.10	0.15	0.08	0.31	0.10	0.35	0.30	0.14	---	0.30	0.22
LMB	2.48	---	---	---	2.48	---	2.48	3.68	---	---	2.48	3.68
NOP	4.43	1.74	3.66	1.88	4.02	0.79	4.43	4.83	3.65	5.01	4.02	2.51
SUN	0.26	0.21	0.10	0.06	0.15	0.10	0.24	0.35	0.11	0.15	0.15	0.22
YEP	0.19	---	0.11	0.10	0.12	0.09	0.15	0.20	0.11	0.18	0.12	0.18

Current Stratum Combinations:

Seasons 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE	Acres	SE	Angler Hours	SE	AnHr/ Acre	SE	values below: pooled data/				
								No. Anglers per Int.	SE	Trip Len.	SE	No. Ints.
				3331.4	1186.7	3.76	1.34	1.61	0.51	2.75	0.75	28

Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	1.2012	1.7363	0.1698	0.1786	1.3710	1.9119	64.0	16	
SUN	2.1158	0.8840	5.7055	2.3949	7.8213	2.7220	46.6	14	
YEP	11.9048	---	0.0000	---	11.9048	---	1.7	1	

Catch Per Angler-Hour  
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All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.3346	0.3310	0.1072	0.1357	0.4418	0.4633	91.6		
SUN	1.0421	0.6134	2.4477	1.5056	3.4897	1.9635	91.6		
YEP	0.1690	0.1999	0.2092	0.1473	0.3782	0.2515	91.6		
ALL	1.5456	0.7251	2.7641	1.5189	4.3097	2.0331	91.6		

Total Catch Numbers and Numbers per Acre  
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Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	1114.6	712.1	1.26	0.80	357.2	243.0	0.40	0.27	1471.8	920.7	1.66	1.04
SUN	3471.5	2010.1	3.92	2.27	8154.0	4087.5	9.20	4.61	11625.5	5503.4	13.12	6.21
YEP	562.8	635.0	0.64	0.72	697.0	423.1	0.79	0.48	1259.8	707.7	1.42	0.80
ALL	5148.9	2225.1	5.81	2.51	9208.2	4116.6	10.39	4.65	14357.1	5624.6	16.20	6.35



Total Catch Pounds and Pounds per Acre

Spp	Harvest	Har Lbs		
	Lbs	SE	per Acre	SE
CRP	339.7	466.0	0.38	0.53
SUN	759.7	958.3	0.86	1.08
YEP	50.7	57.4	0.06	0.06
ALL	1150.1	1067.2	1.30	1.20

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	7.67	2.59	5.33	3.17	7.27	2.13	7.73	10.15	5.33	8.02	7.33	9.24
SUN	6.69	3.02	---	---	6.69	3.02	6.69	9.46	5.00	4.83	6.69	8.37
YEP	5.95	---	---	---	5.95	---	5.95	8.75	4.71	3.87	5.12	3.51

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.30	0.10	0.15	0.05	0.27	0.09	0.30	0.39	0.15	0.19	0.28	0.36
SUN	0.22	0.10	---	---	0.22	0.10	0.22	0.31	0.08	0.08	0.22	0.27
YEP	0.09	---	---	---	0.09	---	0.09	0.13	0.05	0.04	0.06	0.05

Current Stratum Combinations:  
 Seasons 5 - April (ow),  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	below: pooled values				
							Ang./ Int.	SE	Mean Trip Length	SE	Number Ints.
			30159.5	9192.6	34.04	10.38	2.65	0.78	2.94	0.94	40

Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	1.0439	0.2463	0.2717	0.0452	1.3156	0.2697	152.0	36	
LMB	---	0.0000	---	0.0000	---	0.0000	0.0	0	
NOP	---	0.0000	---	0.0000	---	0.0000	0.0	0	
SUN	0.7161	0.2600	0.7737	0.1562	1.4898	0.3799	91.0	25	

Catch Per Angler-Hour  
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All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
BLH	0.0199	0.0219	0.0000	0.0000	0.0199	0.0219	191.0		
BOF	0.0000	0.0000	0.0122	0.0098	0.0122	0.0098	191.0		
CRP	1.6475	0.7154	0.2302	0.1459	1.8776	0.8429	191.0		
LMB	0.0000	0.0000	0.0160	0.0172	0.0160	0.0172	191.0		
NOP	0.0000	0.0000	0.0028	0.0025	0.0028	0.0025	191.0		
SUN	0.1677	0.1148	0.4545	0.3772	0.6222	0.4619	191.0		
ALL	1.8350	0.7249	0.7157	0.4049	2.5508	0.9616	191.0		

Medicine Lake: April 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BLH	450.4	461.3	0.51	0.52	0.0	0.0	0.00	0.00	450.4	461.3	0.51	0.52
BOF	0.0	0.0	0.00	0.00	277.4	192.3	0.31	0.22	277.4	192.3	0.31	0.22
CRP	37375.2	17911.7	42.18	20.22	5221.7	2397.6	5.89	2.71	42596.8	19715.5	48.08	22.25
LMB	0.0	0.0	0.00	0.00	363.9	361.2	0.41	0.41	363.9	361.2	0.41	0.41
NOP	0.0	0.0	0.00	0.00	63.6	49.4	0.07	0.06	63.6	49.4	0.07	0.06
SUN	3804.7	2423.6	4.29	2.74	10311.0	6523.9	11.64	7.36	14115.7	8028.4	15.93	9.06
ALL	41630.2	18080.8	46.99	20.41	16237.6	6962.8	18.33	7.86	57867.8	21296.5	65.31	24.04

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
BLH	225.2	235.0	0.25	0.27
CRP	10366.5	4182.5	11.70	4.72
SUN	800.6	1269.1	0.90	1.43
ALL	11392.3	4377.1	12.86	4.94

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BLH	---	---	---	---	---	---	9.70	15.23	---	---	9.70	15.23
BOF	---	---	---	---	---	---	---	---	23.00	20.57	23.00	20.57
CRP	7.48	2.22	---	---	7.48	2.22	7.65	7.11	6.40	5.08	7.65	7.03
LMB	---	---	---	---	---	---	---	---	7.90	10.46	14.60	19.30
NOP	---	---	---	---	---	---	---	---	24.00	31.62	24.00	31.61
SUN	6.75	3.64	---	---	6.75	3.64	6.70	9.51	5.00	4.44	6.70	7.58

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BLH	---	---	---	---	---	---	0.50	0.79	---	---	0.50	0.79
BOF	---	---	---	---	---	---	---	---	3.98	3.57	3.98	3.57
CRP	0.26	0.08	---	---	0.26	0.08	0.28	0.25	0.12	0.10	0.28	0.25
LMB	---	---	---	---	---	---	---	---	0.34	0.45	2.17	2.87
NOP	---	---	---	---	---	---	---	---	3.18	4.19	3.18	4.19
SUN	0.21	0.10	---	---	0.21	0.10	0.21	0.29	0.08	0.07	0.21	0.23

Current Stratum Combinations:

Seasons 6 - May,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Effort and Effort per Acre

below: pooled values											
Boat	BtHr/		Angler		AnHr/		Angl		Avg	No.	
Hours	SE	Acres	Hours	SE	Acres	SE	per	SE	Trip	Intv	
							Inter		Len		
			6965.6	1848.0	7.86	2.09	2.07	0.59	2.50	---	56

Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/	SE	Rel/	SE	Cat/	SE	Ang	No.	
	AnHr		AnHr		AnHr		Hrs	Intv	
CRP	0.1648	0.0596	0.0590	0.0225	0.2238	0.0806	127.0	31	
LMB	1.0839	---	0.1023	---	1.1862	---	84.5	13	
NOP	0.0306	0.0162	0.2271	0.0303	0.2576	0.0443	77.3	15	
SUN	0.7816	0.3784	2.0529	0.1985	2.8345	0.3146	156.8	36	
WAE	0.0000	---	0.0000	---	0.0000	---	4.0	1	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour

All Anglers									
Spp	Har/	SE	Rel/	SE	Cat/	SE	Ang		
	AnHr		AnHr		AnHr		Hrs		
CRP	0.0592	0.0387	0.0156	0.0116	0.0748	0.0475	232.0		
LMB	0.0239	0.0338	0.1821	0.0753	0.2060	0.0986	232.0		
NOP	0.0183	0.0118	0.0785	0.0377	0.0968	0.0469	232.0		
SUN	0.3610	0.2845	0.7221	0.3522	1.0832	0.5891	232.0		
WAE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	232.0		
YEP	0.0000	0.0000	0.0432	0.0315	0.0432	0.0315	232.0		
ALL	0.4625	0.2893	1.0415	0.3637	1.5040	0.6019	232.0		

Medicine Lake Creel Survey May 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
CRP	412.4	238.3	0.47	0.27	108.8	78.3	0.12	0.09	521.3	295.9	0.59	0.33
LMB	166.6	202.8	0.19	0.23	1268.2	541.1	1.43	0.61	1434.8	608.3	1.62	0.69
NOP	127.6	84.2	0.14	0.10	546.8	219.2	0.62	0.25	674.4	273.0	0.76	0.31
SUN	2514.9	1575.7	2.84	1.78	5030.0	2243.8	5.68	2.53	7544.9	3321.4	8.52	3.75
WAE	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
YEP	0.0	0.0	0.00	0.00	301.0	230.2	0.34	0.26	301.0	230.2	0.34	0.26
ALL	3221.5	1608.7	3.64	1.82	7254.7	2331.2	8.19	2.63	10476.3	3408.4	11.82	3.85

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	86.8	53.5	0.10	0.06
LMB	232.0	283.6	0.26	0.32
NOP	308.6	217.5	0.35	0.25
SUN	494.4	291.9	0.56	0.33
ALL	1121.7	464.6	1.27	0.52

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	6.33	---	---	---	6.33	---	6.33	5.14	6.40	6.39	6.33	4.87
LMB	13.56	---	---	---	13.56	---	13.56	21.62	14.90	9.54	14.14	10.41
NOP	21.56	11.56	26.80	15.59	24.18	6.83	21.56	20.39	26.80	35.34	24.18	20.52
SUN	7.14	4.86	---	---	7.14	4.86	7.14	---	5.00	---	7.14	---
WAE	---	---	---	---	---	---	---	---	---	---	---	---
YEP	---	---	---	---	---	---	---	---	6.00	6.98	6.10	7.10

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.17	---	---	---	0.17	---	0.17	0.14	0.12	0.12	0.17	0.13
LMB	1.39	---	---	---	1.39	---	1.39	2.23	1.99	1.39	1.65	1.16
NOP	2.42	1.08	5.41	4.21	3.91	1.81	2.42	2.25	5.41	8.37	3.91	3.72
SUN	0.25	0.20	---	---	0.25	0.20	0.25	---	0.08	0.05	0.25	---
WAE	---	---	---	---	---	---	---	---	---	---	---	---
YEP	---	---	---	---	---	---	---	---	0.09	0.11	0.09	0.11

Current Stratum Combinations:  
 Seasons 7 - June,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	pooled values below				No. Intv
							Angl per Inter	SE	Avg Trip Len	SE	
			8981.4	1403.1	10.14	1.58	2.14	0.34	3.54	1.93	78

Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.5265	0.2795	0.3588	0.1568	0.8853	0.2827	82.3	16	
LMB	0.1573	0.0872	0.9974	0.3860	1.1547	0.4324	124.0	32	
NOP	0.0523	0.0354	0.3733	0.1910	0.4255	0.1871	74.5	18	
SUN	0.5376	0.4054	2.4709	0.4134	3.0085	0.7075	101.5	22	
WAE	---	0.0000	---	0.0000	---	0.0000	0.0	0	
YEP	0.0000	---	0.0090	---	0.0090	---	39.3	5	

Catch Per Angler-Hour

All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.0816	0.0424	0.1714	0.0481	0.2530	0.0605	357.0		
LMB	0.0516	0.0241	0.3921	0.1193	0.4437	0.1319	357.0		
NOP	0.0118	0.0086	0.0960	0.0321	0.1078	0.0338	357.0		
SUN	0.2785	0.0524	1.1157	0.0951	1.3942	0.0828	357.0		
WAE	0.0033	0.0033	0.0118	0.0052	0.0150	0.0083	357.0		
YEP	0.0000	0.0000	0.0255	0.0122	0.0255	0.0122	357.0		
ALL	0.4268	0.0722	1.8124	0.1637	2.2392	0.1711	357.0		

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	733.2	414.3	0.83	0.47	1539.1	640.2	1.74	0.72	2272.2	840.9	2.56	0.95
LMB	463.6	227.7	0.52	0.26	3521.4	1089.0	3.97	1.23	3985.0	1220.8	4.50	1.38
NOP	105.7	69.5	0.12	0.08	862.3	329.9	0.97	0.37	968.0	332.3	1.09	0.38
SUN	2501.3	759.7	2.82	0.86	10020.5	2805.6	11.31	3.17	12521.8	3355.2	14.13	3.79
WAE	29.3	29.1	0.03	0.03	105.7	52.1	0.12	0.06	135.0	71.9	0.15	0.08
YEP	0.0	0.0	0.00	0.00	229.1	104.0	0.26	0.12	229.1	104.0	0.26	0.12
ALL	3833.0	897.9	4.33	1.01	16278.1	3096.7	18.37	3.50	20111.1	3685.3	22.70	4.16

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	178.3	98.6	0.20	0.11
LMB	803.9	665.2	0.91	0.75
NOP	374.2	201.5	0.42	0.23
SUN	611.5	192.1	0.69	0.22
WAE	95.3	94.7	0.11	0.11
ALL	2063.1	733.9	2.33	0.83

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	7.78	4.08	---	---	7.78	4.08	7.78	10.04	6.40	4.00	7.78	2.91
LMB	14.70	5.74	12.90	9.71	13.42	7.05	14.64	16.62	13.27	15.24	13.66	10.53
NOP	23.81	5.81	20.07	11.53	20.62	9.91	23.81	35.93	20.05	20.16	20.57	17.72
SUN	6.81	---	---	---	6.81	---	6.81	2.85	5.00	2.12	6.81	2.75
WAE	---	---	---	---	---	---	20.50	28.96	15.00	26.12	16.83	18.19
YEP	---	---	---	---	---	---	---	---	6.00	3.89	6.10	3.96

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.25	0.11	---	---	0.25	0.11	0.25	0.30	0.12	0.08	0.25	---
LMB	1.73	0.58	1.29	1.00	1.42	0.76	1.73	1.84	1.46	1.73	1.54	1.22
NOP	3.50	1.01	2.06	1.09	2.27	0.92	3.50	4.75	2.04	1.97	2.24	1.82
SUN	0.28	---	---	---	0.28	---	0.28	0.12	0.08	0.04	0.28	0.11
WAE	---	---	---	---	---	---	3.25	4.60	1.90	4.66	2.35	3.14
YEP	---	---	---	---	---	---	---	---	0.09	0.06	0.09	0.06

Current Stratum Combinations:  
 Seasons 8 - July,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre pooled data for categories below:  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Ints.
			7533.2	1574.2	8.50	1.78	2.21	0.33	2.50	0.39	76

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	1.1427	0.4553	1.0047	0.3646	2.1474	0.8189	82.8	14	
LMB	0.0000	0.0000	0.6765	0.1472	0.6765	0.1472	106.3	26	
NOP	0.0000	0.0000	0.3158	0.0643	0.3158	0.0643	91.8	19	
SUN	1.7779	0.7281	2.1924	2.0351	3.9703	2.5953	77.3	14	
YEP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	54.3	9	

Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0172	0.0120	0.0172	0.0120	383.8	
BOF	0.0000	0.0000	0.0073	0.0053	0.0073	0.0053	383.8	
CRP	0.1306	0.0964	0.1843	0.0983	0.3149	0.1929	383.8	
LMB	0.0039	0.0028	0.2271	0.0790	0.2310	0.0794	383.8	
NOP	0.0000	0.0000	0.0900	0.0068	0.0900	0.0068	383.8	
SUN	0.3515	0.1865	1.0751	0.3905	1.4266	0.5441	383.8	
YEP	0.0000	0.0000	0.0385	0.0215	0.0385	0.0215	383.8	
ALL	0.4860	0.2100	1.6396	0.4112	2.1255	0.5833	383.8	



Medicine Lake Creel Survey: July 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	129.7	86.2	0.15	0.10	129.7	86.2	0.15	0.10
BOF	0.0	0.0	0.00	0.00	55.1	34.0	0.06	0.04	55.1	34.0	0.06	0.04
CRP	983.9	648.0	1.11	0.73	1388.1	640.2	1.57	0.72	2372.0	1270.4	2.68	1.43
LMB	29.2	19.9	0.03	0.02	1710.9	521.1	1.93	0.59	1740.1	519.9	1.96	0.59
NOP	0.0	0.0	0.00	0.00	677.8	183.5	0.77	0.21	677.8	183.5	0.77	0.21
SUN	2647.7	1236.2	2.99	1.40	8099.3	3114.8	9.14	3.52	10747.0	4047.9	12.13	4.57
YEP	0.0	0.0	0.00	0.00	290.3	154.1	0.33	0.17	290.3	154.1	0.33	0.17
ALL	3660.8	1395.9	4.13	1.58	12351.2	3232.5	13.94	3.65	16012.0	4282.0	18.07	4.83

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	315.5	213.7	0.36	0.24
LMB	23.8	17.1	0.03	0.02
SUN	668.1	---	0.75	---
ALL	1007.4	---	1.14	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	---	---	11.70	12.00	11.70	12.00
BOF	---	---	---	---	---	---	---	---	20.00	15.74	20.00	15.74
CRP	8.00	6.55	---	---	8.00	6.55	8.00	13.30	6.40	3.77	8.00	9.42
LMB	---	---	12.66	3.84	12.66	3.84	11.75	11.58	12.66	7.88	12.63	7.64
NOP	---	---	22.02	5.54	22.02	5.54	---	---	21.16	11.78	21.16	11.82
SUN	6.59	1.59	---	---	6.59	1.59	6.81	3.12	5.00	2.35	6.81	3.64
YEP	---	---	---	---	---	---	---	---	6.00	4.61	6.10	4.69

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	0.98	1.01	0.98	1.01
BOF	---	---	---	---	---	---	---	---	2.65	2.11	2.65	2.11
CRP	0.32	0.28	---	---	0.32	0.28	0.32	0.55	0.12	0.07	0.32	0.39
LMB	---	---	1.21	0.27	1.21	0.27	0.82	0.83	1.20	0.69	1.19	0.67
NOP	---	---	2.75	0.74	2.75	0.74	---	---	2.45	1.43	2.45	1.43
SUN	0.25	0.07	---	---	0.25	0.07	0.25	0.11	0.08	0.04	0.25	0.13
YEP	---	---	---	---	---	---	---	---	0.09	0.07	0.09	0.07

Current Stratum Combinations:

Seasons 9 - august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	pooled data for categories below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			6279.5	843.7	7.09	0.95	2.20	0.26	4.08	0.55	80

Catch Per Angler-Hour  
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Spp	Targeting Anglers						Ang Hrs	No. Intv
	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE		
CRP	0.0412	0.0193	0.1661	0.0999	0.2073	0.1112	127.8	27
LMB	0.0425	0.0249	0.4119	0.0908	0.4545	0.0902	128.8	24
NOP	0.0306	0.0086	0.5038	0.2946	0.5344	0.2904	126.0	20
SUN	1.0232	0.2741	1.4453	0.3373	2.4685	0.5867	148.0	29
YEP	0.1707	---	0.2805	---	0.4512	---	16.3	4

Catch Per Angler-Hour  
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Spp	All Anglers						Ang Hrs
	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	
BLH	0.0000	0.0000	0.0035	0.0020	0.0035	0.0020	437.5
CRP	0.0336	0.0160	0.0646	0.0448	0.0982	0.0587	437.5
LMB	0.0221	0.0115	0.2278	0.0488	0.2499	0.0493	437.5
NOP	0.0102	0.0035	0.1552	0.0781	0.1653	0.0785	437.5
SUN	0.4057	0.1022	0.6989	0.1119	1.1047	0.2056	437.5
YEP	0.0049	0.0035	0.0817	0.0381	0.0866	0.0396	437.5
ALL	0.4765	0.1042	1.2317	0.1564	1.7082	0.2364	437.5

Medicine Lake Creel Survey: August 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	22.1	14.7	0.02	0.02	22.1	14.7	0.02	0.02
CRP	211.3	108.8	0.24	0.12	405.4	277.3	0.46	0.31	616.7	370.4	0.70	0.42
LMB	138.8	74.1	0.16	0.08	1430.4	337.8	1.61	0.38	1569.2	347.5	1.77	0.39
NOP	63.9	27.1	0.07	0.03	974.4	412.7	1.10	0.47	1038.3	415.0	1.17	0.47
SUN	2547.8	807.3	2.88	0.91	4389.0	1085.0	4.95	1.22	6936.8	1843.8	7.83	2.08
YEP	30.7	22.7	0.03	0.03	513.0	252.8	0.58	0.29	543.6	263.6	0.61	0.30
ALL	2992.4	818.8	3.38	0.92	7734.4	1266.0	8.73	1.43	10726.8	1974.7	12.11	2.23

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	52.8	27.4	0.06	0.03
LMB	166.6	112.5	0.19	0.13
NOP	213.7	81.5	0.24	0.09
SUN	623.9	335.6	0.70	0.38
YEP	3.6	2.6	<0.01	<0.01
ALL	1060.7	364.3	1.20	0.41

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	---	---	11.70	11.36	11.70	11.36
CRP	7.81	---	---	---	7.81	---	7.81	6.14	6.40	6.92	7.81	7.54
LMB	14.00	---	14.30	3.60	14.27	4.42	10.72	15.38	12.80	6.38	12.40	5.90
NOP	23.63	3.40	21.33	8.54	21.63	8.08	23.63	19.18	20.90	22.49	21.22	19.50
SUN	6.78	3.57	8.75	---	6.95	3.27	6.83	4.06	8.75	3.35	6.95	3.75
YEP	6.00	---	---	---	6.00	---	6.00	5.74	6.00	4.39	6.00	4.36

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	0.98	0.96	0.98	0.96
CRP	0.25	---	---	---	0.25	---	0.25	0.20	0.12	0.13	0.25	0.24
LMB	1.50	---	1.78	0.52	1.75	0.57	0.78	0.84	1.41	0.70	1.29	0.61
NOP	3.19	0.29	3.44	1.66	3.41	1.53	3.19	1.46	3.19	3.62	3.19	3.10
SUN	0.24	0.13	0.52	---	0.27	0.12	0.24	0.15	0.52	0.20	0.26	0.14
YEP	0.09	---	---	---	0.09	---	0.09	0.09	0.09	0.07	0.09	0.07

Current Stratum Combinations:  
 Seasons 10 - september,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours		BtHr/ SE	Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
categories below: pooled data													
				1476.5	497.8	1.67	0.56	1.79	0.55	3.48	0.69	43	

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 Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.2191	0.0675	0.1948	0.2530	0.4139	0.3089	33.5	8	
LMB	0.0444	0.0492	1.3067	0.7788	1.3511	0.7907	65.8	16	
NOP	0.1058	0.0987	0.1873	0.0448	0.2932	0.1009	49.8	12	
SUN	1.5605	0.5585	1.9238	0.3356	3.4843	0.8176	36.0	11	

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 Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.0451	0.0291	0.0401	0.0514	0.0851	0.0166	161.0	
LMB	0.0150	0.0116	0.4710	0.2815	0.4860	0.2849	161.0	
NOP	0.0432	0.0283	0.1938	0.1026	0.2370	0.1239	161.0	
SUN	0.3357	0.2148	0.4848	0.2927	0.8205	0.5005	161.0	
YEP	0.0000	0.0000	0.0171	0.0125	0.0171	0.0125	161.0	
ALL	0.4390	0.2189	1.2067	0.4222	1.6457	0.5894	161.0	

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 Total Catch Numbers and Numbers per Acre  
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Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	66.5	36.6	0.08	0.04	59.2	61.6	0.07	0.07	125.7	81.4	0.14	0.09
LMB	22.2	17.0	0.03	0.02	695.4	343.2	0.78	0.39	717.5	344.1	0.81	0.39
NOP	63.7	48.7	0.07	0.05	286.1	116.7	0.32	0.13	349.9	139.9	0.39	0.16
SUN	495.6	269.6	0.56	0.30	715.9	358.5	0.81	0.40	1211.5	615.7	1.37	0.69
YEP	0.0	0.0	0.00	0.00	25.2	16.4	0.03	0.02	25.2	16.4	0.03	0.02
ALL	648.1	276.9	0.73	0.31	1781.7	513.8	2.01	0.58	2429.8	723.9	2.74	0.82

Medicine Lake: Sept. 2003

Total Catch Pounds and Pounds per Acre

Spp	Harvest		Har Lbs per Acre	
	Lbs	SE	Acre	SE
CRP	21.0	---	0.02	---
LMB	25.9	26.4	0.03	0.03
NOP	201.7	194.4	0.23	0.22
SUN	137.2	110.6	0.15	0.12
ALL	385.7	---	0.44	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	8.63	2.26	---	---	8.63	2.26	8.63	4.93	6.40	9.48	8.63	11.47
LMB	14.00	---	15.13	7.62	15.10	7.71	13.67	21.25	14.85	20.98	14.77	19.36
NOP	25.25	9.42	21.75	9.98	23.25	8.10	24.82	33.69	19.39	19.03	20.47	17.80
SUN	7.17	3.07	---	---	7.17	3.07	7.17	7.85	5.00	4.08	7.17	7.76
YEP	---	---	---	---	---	---	---	---	6.00	5.40	6.10	5.49

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.32	0.09	---	---	0.32	0.09	0.31	---	0.12	0.18	0.32	0.41
LMB	1.50	---	2.14	1.24	2.13	1.24	1.17	1.54	2.04	3.09	1.98	2.80
NOP	3.25	1.50	2.74	1.78	2.96	1.25	3.07	4.40	2.17	2.41	2.35	2.18
SUN	0.28	0.13	---	---	0.28	0.13	0.28	0.32	0.08	0.07	0.28	0.32
YEP	---	---	---	---	---	---	---	---	0.09	0.08	0.09	0.08

Current Stratum Combinations:

Seasons 11 - October,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	pooled data for categories below:				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			1561.4	779.2	1.76	0.88	1.86	0.63	3.43	1.16	22

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 Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.0000	---	0.0000	---	0.0000	---	9.5	2	
LMB	0.0000	0.0000	0.3208	0.0814	0.3208	0.0814	48.5	10	
NOP	0.0178	---	0.1389	---	0.1567	---	53.5	7	
SUN	2.9677	---	2.4400	---	5.4078	---	12.5	3	
WAE	---	0.0000	---	0.0000	---	0.0000	0.0	0	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

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 Catch Per Angler-Hour  
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All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.0116	0.0141	0.0580	0.0704	0.0696	0.0845	119.0		
LMB	0.0058	0.0019	0.1919	0.2631	0.1977	0.2633	119.0		
NOP	0.0116	0.0152	0.0776	0.0589	0.0892	0.0658	119.0		
SUN	0.3130	0.3649	0.2644	0.3543	0.5775	0.7166	119.0		
WAE	0.0058	0.0074	0.0000	0.0000	0.0058	0.0074	119.0		
YEP	0.0000	0.0000	0.0348	0.0423	0.0348	0.0423	119.0		
ALL	0.3478	0.3655	0.6267	0.4527	0.9745	0.7721	119.0		

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	18.1	20.0	0.02	0.02	90.6	100.2	0.10	0.11	108.7	120.3	0.12	0.14
LMB	9.1	10.0	0.01	0.01	299.6	263.2	0.34	0.30	308.6	264.1	0.35	0.30
NOP	18.1	21.2	0.02	0.02	121.2	73.7	0.14	0.08	139.3	78.7	0.16	0.09
SUN	488.8	514.8	0.55	0.58	412.9	513.5	0.47	0.58	901.6	1024.3	1.02	1.16
WAE	9.1	10.6	0.01	0.01	0.0	0.0	0.00	0.00	9.1	10.6	0.01	0.01
YEP	0.0	0.0	0.00	0.00	54.3	60.1	0.06	0.07	54.3	60.1	0.06	0.07
ALL	543.1	515.9	0.61	0.58	978.5	593.3	1.10	0.67	1521.6	1069.3	1.72	1.21

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	16.7	18.4	0.02	0.02
LMB	18.1	20.1	0.02	0.02
NOP	49.8	58.2	0.06	0.07
SUN	102.6	108.2	0.12	0.12
WAE	27.2	31.8	0.03	0.04
ALL	214.4	129.8	0.24	0.15

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	---	---	---	---	---	---	11.50	16.89	6.40	9.40	11.50	16.89
LMB	---	---	16.24	11.79	16.24	11.79	14.75	21.67	16.24	33.69	16.17	32.08
NOP	22.75	---	22.72	15.39	22.73	10.07	22.75	35.53	22.04	28.53	22.20	24.03
SUN	---	---	---	---	---	---	6.80	9.10	5.00	7.43	6.20	8.67
WAE	---	---	---	---	---	---	20.00	31.24	---	---	20.00	31.24
YEP	---	---	---	---	---	---	---	---	6.00	8.81	6.10	8.96

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	---	---	---	---	---	---	0.92	1.35	0.12	0.18	0.92	1.35
LMB	---	---	2.53	1.95	2.53	1.95	2.00	2.94	2.52	5.36	2.50	5.07
NOP	2.75	---	4.23	3.47	3.86	2.39	2.75	4.30	3.80	5.65	3.57	4.44
SUN	---	---	---	---	---	---	0.21	0.28	0.08	0.12	0.17	0.24
WAE	---	---	---	---	---	---	3.00	4.69	---	---	3.00	4.69
YEP	---	---	---	---	---	---	---	---	0.09	0.13	0.09	0.13

Current Stratum Combinations:  
 Seasons 2 - Dec-January,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
	23500.8		5170.0	27.84	6.13	1.80	0.39	3.32	1.10	43		

Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	SE	Ang Hrs	No. Intv
CRP	0.6185	0.1889	0.3474	0.1091	0.9659	0.2847		119.3	29
NOP	0.0000	---	0.3468	---	0.3468	---		8.3	2
SUN	1.4821	1.2559	0.7020	0.3252	2.1841	1.5191		12.8	5
WAE	0.0232	0.0145	0.0232	0.0168	0.0463	0.0272		92.0	19
YEP	0.0000	---	1.0000	---	1.0000	---		12.0	1

Catch Per Angler-Hour  
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All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	SE	Ang Hrs	
CRP	0.3193	0.1308	0.2583	0.0640	0.5775	0.2500		189.7	
NOP	0.0000	0.0000	0.0152	0.0100	0.0152	0.0100		189.7	
SUN	0.0680	0.0693	0.0322	0.0050	0.1003	0.0907		189.7	
WAE	0.0116	0.0080	0.0152	0.0100	0.0268	0.0165		189.7	
YEP	0.0000	0.0000	0.2271	0.1339	0.2271	0.1339		189.7	
ALL	0.3989	0.1483	0.5480	0.1492	0.9469	0.2984		189.7	



Lk. Independence: December-January 2002-03

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch	Cat per Acre		
	SE	SE	SE	SE	SE	SE	SE	SE				
CRP	7502.7	2593.8	8.89	3.07	6069.8	2801.8	7.19	3.32	13572.5	5059.5	16.08	5.99
NOP	0.0	0.0	0.00	0.00	357.2	221.2	0.42	0.26	357.2	221.2	0.42	0.26
SUN	1599.1	1590.5	1.89	1.88	757.5	536.7	0.90	0.64	2356.6	2066.8	2.79	2.45
WAE	273.0	225.0	0.32	0.27	357.2	247.2	0.42	0.29	630.2	443.0	0.75	0.52
YEP	0.0	0.0	0.00	0.00	5337.0	2258.9	6.32	2.68	5337.0	2258.9	6.32	2.68
ALL	9374.8	3050.9	11.11	3.61	12878.6	3653.9	15.26	4.33	22253.5	5934.5	26.37	7.03

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
	SE	SE	SE	SE
CRP	2903.4	1451.9	3.44	1.72
SUN	367.8	1237.2	0.44	1.47
WAE	535.5	434.7	0.63	0.52
ALL	3806.7	1956.4	4.51	2.32

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	8.31	2.58	6.34	2.01	7.63	2.62	8.31	5.88	6.32	5.75	7.59	5.86
NOP	---	---	11.00	---	11.00	---	---	---	15.00	24.40	15.00	24.48
SUN	6.93	5.31	5.00	1.65	6.36	4.38	6.93	24.27	5.00	7.86	6.36	17.28
WAE	17.75	0.25	10.00	---	15.17	2.59	17.75	17.13	10.00	8.47	15.17	14.86
YEP	---	---	5.00	---	5.00	---	---	---	5.16	3.21	5.16	3.21

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.39	0.14	0.18	0.06	0.31	0.12	0.39	0.26	0.18	0.15	0.31	0.22
NOP	---	---	0.26	---	0.26	---	---	---	0.88	2.19	0.88	2.19
SUN	0.23	0.18	0.08	0.03	0.19	0.14	0.23	0.81	0.08	0.13	0.19	0.52
WAE	2.00	0.10	0.28	---	1.43	0.58	2.00	1.43	0.28	0.24	1.43	1.70
YEP	---	---	0.05	---	0.05	---	---	---	0.06	0.03	0.06	0.03

Current Stratum Combinations:

Seasons 3 - February,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			8408.5	2687.1	9.96	3.18	2.21	---	2.25	---	38

Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.5413	---	0.3649	---	0.9062	---	140.1	33	
NOP	0.0000	---	0.0000	---	0.0000	---	8.5	2	
SUN	0.1143	---	0.2286	---	0.3429	---	8.6	4	
WAE	0.0000	---	0.0000	---	0.0000	---	15.0	3	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.1818	---	0.3913	---	0.5732	---	164.3	
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	164.3	
SUN	0.0017	---	0.0035	---	0.0052	---	164.3	
WAE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	164.3	
YEP	0.0522	---	0.3844	---	0.4366	---	164.3	
ALL	0.2358	---	0.7791	---	1.0149	---	164.3	

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release	Rel per Acre		Catch	Cat per Acre			
	SE	SE	SE	SE		SE	SE		SE	SE		
CRP	1529.0	---	1.81	---	3290.4	---	3.90	---	4819.4	---	5.71	---
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
SUN	14.6	---	0.02	---	29.3	---	0.03	---	43.9	---	0.05	---
WAE	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
YEP	439.0	---	0.52	---	3231.8	---	3.83	---	3670.8	---	4.35	---
ALL	1982.7	---	2.35	---	6551.4	---	7.76	---	8534.1	---	10.11	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
	SE	SE	SE	SE
CRP	747.1	---	0.89	---
SUN	2.6	---	0.00	---
YEP	52.7	---	0.06	---
ALL	802.4	---	0.95	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	8.77	4.27	6.35	1.57	7.86	2.48	8.77	11.07	6.35	5.63	7.86	8.26
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.50	---	4.00	---	4.83	---	6.50	10.41	4.00	6.41	4.83	7.74
WAE	---	---	---	---	---	---	---	---	---	---	---	---
YEP	---	---	---	---	---	---	6.82	8.73	5.87	6.33	5.95	7.44

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.46	0.22	0.20	0.07	0.36	0.13	0.46	0.58	0.20	0.18	0.36	0.39
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.18	---	0.04	---	0.09	---	0.18	0.29	0.04	0.06	0.09	0.14
WAE	---	---	---	---	---	---	---	---	---	---	---	---
YEP	---	---	---	---	---	---	0.12	0.15	0.09	0.10	0.09	0.11

Current Stratum Combinations:

Seasons 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			1247.7	525.8	1.48	0.62	1.55	0.41	---	---	9

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 Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.2289	0.0403	0.1786	0.1952	0.4075	0.1921	26.1	7	
SUN	6.5174	---	5.8440	---	12.3615	---	12.6	5	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

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 Catch Per Angler-Hour  
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All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.2108	0.1700	0.1383	0.1665	0.3492	0.1983	28.1		
SUN	2.8076	2.2309	2.5846	1.8816	5.3922	4.0443	28.1		
YEP	0.0000	0.0000	0.1021	0.0402	0.1021	0.0402	28.1		
ALL	3.0184	2.2373	2.8251	1.8894	5.8435	4.0493	28.1		

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
CRP	263.0	180.9	0.31	0.21	172.6	155.0	0.20	0.18	435.6	282.2	0.52	0.33
SUN	3502.9	2359.7	4.15	2.80	3224.7	1914.3	3.82	2.27	6727.6	4174.2	7.97	4.95
YEP	0.0	0.0	0.00	0.00	127.4	86.2	0.15	0.10	127.4	86.2	0.15	0.10
ALL	3765.9	2366.6	4.46	2.80	3524.7	1922.5	4.18	2.28	7290.7	4184.6	8.64	4.96

Total Catch Pounds and Pounds per Acre

Spp	Harvest		Har Lbs per Acre	
	Lbs	SE		SE
CRP	118.2	96.1	0.14	0.11
SUN	676.4	909.7	0.80	1.08
ALL	794.6	914.8	0.94	1.08

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	9.02	2.61	7.00	---	8.34	1.03	9.02	10.69	7.00	8.34	8.34	7.47
SUN	6.70	2.69	---	---	6.70	2.69	6.70	8.42	4.90	3.59	6.70	7.88
YEP	---	---	---	---	---	---	---	---	6.30	6.36	6.70	6.76

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.45	0.12	0.23	---	0.38	0.03	0.45	0.45	0.23	0.27	0.38	0.28
SUN	0.20	0.08	---	---	0.20	0.08	0.20	0.24	0.10	0.07	0.20	0.23
YEP	---	---	---	---	---	---	---	---	0.10	0.10	0.12	0.12

Current Stratum Combinations:  
 Seasons 5 - April (ow),  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			5535.3	1363.4	6.56	1.62	2.06	0.34	2.70	---	38

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 Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	1.7580	0.6089	3.8452	0.9963	5.6032	1.4471	140.9	37	
SUN	0.0407	0.0731	0.4394	0.2200	0.4801	0.2174	36.2	8	
WAE	---	0.0000	---	0.0000	---	0.0000	0.0	0	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

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 Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CAP	0.0000	0.0000	0.0292	0.0230	0.0292	0.0230	142.9	
CRP	1.5496	0.3934	3.5230	0.9440	5.0726	1.2456	142.9	
LMB	0.0000	0.0000	0.2782	0.1279	0.2782	0.1279	142.9	
SUN	0.0730	0.0312	0.7950	0.5783	0.8680	0.5842	142.9	
WAE	0.0000	0.0000	0.0066	0.0066	0.0066	0.0066	142.9	
YEP	0.0000	0.0000	0.0199	0.0113	0.0199	0.0113	142.9	
ALL	1.6226	0.3946	4.6519	1.1147	6.2745	1.3820	142.9	

Independence: April 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch	Cat per Acre		
	SE		SE		SE		SE			SE		
CAP	0.0	0.0	0.00	0.00	161.5	121.0	0.19	0.14	161.5	121.0	0.19	0.14
CRP	8577.3	3109.8	10.16	3.68	19500.9	5860.5	23.11	6.94	28078.3	8591.7	33.27	10.18
LMB	0.0	0.0	0.00	0.00	1539.6	660.0	1.82	0.78	1539.6	660.0	1.82	0.78
SUN	404.3	172.9	0.48	0.20	4400.4	2430.8	5.21	2.88	4804.6	2391.6	5.69	2.83
WAE	0.0	0.0	0.00	0.00	36.8	35.6	0.04	0.04	36.8	35.6	0.04	0.04
YEP	0.0	0.0	0.00	0.00	110.3	49.9	0.13	0.06	110.3	49.9	0.13	0.06
ALL	8981.6	3114.6	10.64	3.69	25749.4	6380.3	30.51	7.56	34731.0	8943.8	41.15	10.60

Total Catch Pounds and Pounds per Acre

Spp	Harvest		Har Lbs per Acre	
	Lbs	SE	SE	
CRP	3263.2	2534.4	3.87	3.00
SUN	64.7	28.0	0.08	0.03
ALL	3327.9	2534.6	3.94	3.00

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CAP	---	---	---	---	---	---	---	---	25.60	27.61	25.60	27.61
CRP	9.06	6.13	9.00	---	9.05	6.07	9.06	9.79	9.00	4.14	9.05	7.51
LMB	---	---	---	---	---	---	---	---	15.57	9.41	15.57	9.40
SUN	---	---	---	---	---	---	6.25	5.13	4.90	3.91	6.25	4.47
WAE	---	---	---	---	---	---	---	---	12.70	17.62	20.10	27.89
YEP	---	---	---	---	---	---	---	---	6.30	5.81	6.70	6.18

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CAP	---	---	---	---	---	---	---	---	8.30	9.01	8.30	9.01
CRP	0.44	0.27	0.53	---	0.44	0.27	0.44	0.45	0.53	0.24	0.44	0.34
LMB	---	---	---	---	---	---	---	---	2.15	1.30	2.15	1.31
SUN	---	---	---	---	---	---	0.16	0.13	0.10	0.08	0.16	0.11
WAE	---	---	---	---	---	---	---	---	0.61	0.85	3.40	4.72
YEP	---	---	---	---	---	---	---	---	0.10	0.09	0.12	0.11

Current Stratum Combinations:

Seasons 6 - May,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			12627.3	3631.5	14.96	4.30	2.20	0.71	4.58	1.48	70

Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CAP	0.0000	---	0.0000	---	0.0000	---	5.3	1	
CRP	0.1902	---	2.2651	---	2.4553	---	133.5	19	
LMB	0.0000	0.0000	0.1897	0.0198	0.1897	0.0198	58.0	7	
NOP	0.0562	0.0240	0.1265	0.0534	0.1827	0.0730	42.8	9	
SUN	0.5285	0.0978	0.7118	0.2099	1.2403	0.2140	200.3	31	
WAE	0.0161	0.0210	0.0047	0.0056	0.0209	0.0217	110.3	24	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BOF	0.0000	0.0000	0.0020	0.0022	0.0020	0.0022	405.3	
CAP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	405.3	
CRP	0.1570	0.1092	0.3511	0.1875	0.5081	0.2795	405.3	
LMB	0.0000	0.0000	0.1391	0.1050	0.1391	0.1050	405.3	
MUE	0.0000	0.0000	0.0102	0.0056	0.0102	0.0056	405.3	
NOP	0.0054	0.0042	0.0216	0.0207	0.0270	0.0244	405.3	
SUN	0.3369	0.0787	0.6347	0.2222	0.9716	0.2926	405.3	
WAE	0.0067	0.0046	0.0061	0.0037	0.0127	0.0059	405.3	
YEP	0.0000	0.0000	0.0478	0.0399	0.0478	0.0399	405.3	
ALL	0.5058	0.1347	1.2126	0.3125	1.7185	0.4208	405.3	



Independence May 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BOF	0.0	0.0	0.00	0.00	25.6	26.5	0.03	0.03	25.6	26.5	0.03	0.03
CAP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
CRP	1982.0	1299.3	2.35	1.54	4434.0	2200.9	5.25	2.61	6416.0	3265.7	7.60	3.87
LMB	0.0	0.0	0.00	0.00	1756.0	815.5	2.08	0.97	1756.0	815.5	2.08	0.97
MUE	0.0	0.0	0.00	0.00	128.2	60.8	0.15	0.07	128.2	60.8	0.15	0.07
NOP	67.6	41.9	0.08	0.05	272.8	177.0	0.32	0.21	340.5	210.2	0.40	0.25
SUN	4253.5	1815.8	5.04	2.15	8014.6	3684.4	9.50	4.37	12268.1	5389.0	14.54	6.39
WAE	84.0	54.4	0.10	0.06	76.9	50.7	0.09	0.06	160.9	74.4	0.19	0.09
YEP	0.0	0.0	0.00	0.00	604.0	369.6	0.72	0.44	604.0	369.6	0.72	0.44
ALL	6387.2	2233.8	7.57	2.65	15312.3	4388.5	18.14	5.20	21699.5	6368.8	25.71	7.55

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	727.5	482.0	0.86	0.57
NOP	224.6	149.5	0.27	0.18
SUN	879.0	380.5	1.04	0.45
WAE	504.0	326.8	0.60	0.39
ALL	2335.0	711.6	2.77	0.84

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BOF	---	---	---	---	---	---	---	---	26.20	37.86	26.20	37.86
CAP	---	---	---	---	---	---	---	---	---	---	---	---
CRP	8.70	---	---	---	8.70	---	8.70	8.16	6.20	4.84	8.70	6.86
LMB	---	---	---	---	---	---	---	---	7.90	5.43	14.60	9.96
MUE	---	---	---	---	---	---	---	---	34.38	35.34	34.38	36.16
NOP	25.00	2.00	18.86	10.93	20.22	10.48	25.00	29.74	18.72	28.58	19.86	29.70
SUN	6.75	---	---	---	6.75	---	6.75	4.43	4.90	3.43	6.75	4.55
WAE	24.50	---	11.50	---	18.00	6.50	24.50	26.76	11.50	10.56	18.00	15.05
YEP	---	---	---	---	---	---	---	---	6.30	5.89	6.70	6.27

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BOF	---	---	---	---	---	---	---	---	6.27	9.07	6.27	9.07
CAP	---	---	---	---	---	---	---	---	---	---	---	---
CRP	0.37	---	---	---	0.37	---	0.37	0.35	0.11	0.09	0.37	0.29
LMB	---	---	---	---	---	---	---	---	0.34	0.24	2.17	1.49
MUE	---	---	---	---	---	---	---	---	11.86	13.30	11.86	13.30
NOP	3.55	0.95	1.45	0.87	1.92	1.07	3.55	5.44	1.45	2.24	1.83	2.83
SUN	0.21	---	---	---	0.21	---	0.21	0.14	0.10	0.07	0.21	0.14
WAE	6.00	---	0.50	---	3.25	2.75	6.00	6.55	0.50	0.46	3.25	3.74
YEP	---	---	---	---	---	---	---	---	0.10	0.10	0.12	0.11

Current Stratum Combinations:  
 Seasons 7 - June,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			16794.5	4077.3	19.90	4.83	2.14	0.43	2.24	---	116

Catch Per Angler-Hour  
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Targeting Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv
CRP	0.4322	0.3150	0.5195	0.3654	0.9517	0.6657	48.0	13
LMB	0.0653	0.0431	0.4107	0.0977	0.4761	0.1219	94.3	21
MUE	0.0000	0.0000	0.0577	0.0525	0.0577	0.0525	218.8	45
NOP	0.0000	0.0000	0.2479	0.0601	0.2479	0.0601	54.0	10
SUN	1.4414	0.3601	3.0279	1.2919	4.4693	1.1872	66.5	13
WAE	0.0663	0.0176	0.1494	0.0559	0.2157	0.0637	106.8	22
YEP	0.0000	---	0.0000	---	0.0000	---	23.0	6

Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BOF	0.0000	0.0000	0.0040	0.0033	0.0040	0.0033	576.8	
CRP	0.1087	0.0953	0.1100	0.0593	0.2186	0.1458	576.8	
LMB	0.0173	0.0048	0.1751	0.0801	0.1924	0.0794	576.8	
MUE	0.0000	0.0000	0.0159	0.0072	0.0159	0.0072	576.8	
NOP	0.0000	0.0000	0.0573	0.0154	0.0573	0.0154	576.8	
SUN	0.2009	0.0393	0.4944	0.0256	0.6953	0.3189	576.8	
WAE	0.0114	0.0078	0.0365	0.0312	0.0479	0.0335	576.8	
YEP	0.0000	0.0000	0.0185	0.0129	0.0185	0.0129	576.8	
ALL	0.3382	0.1035	0.9117	0.1096	1.2499	0.3617	576.8	

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BOF	0.0	0.0	0.00	0.00	67.6	52.7	0.08	0.06	67.6	52.7	0.08	0.06
CRP	1825.2	1538.6	2.16	1.82	1846.6	889.6	2.19	1.05	3671.8	2279.7	4.35	2.70
LMB	290.4	140.8	0.34	0.17	2941.0	1082.0	3.48	1.28	3231.4	1107.3	3.83	1.31
MUE	0.0	0.0	0.00	0.00	266.7	97.7	0.32	0.12	266.7	97.7	0.32	0.12
NOP	0.0	0.0	0.00	0.00	962.9	363.8	1.14	0.43	962.9	363.8	1.14	0.43
SUN	3373.5	1771.4	4.00	2.10	8303.5	3069.3	9.84	3.64	11677.0	4544.8	13.84	5.38
WAE	190.9	147.6	0.23	0.17	613.1	483.8	0.73	0.57	804.0	531.1	0.95	0.63
YEP	0.0	0.0	0.00	0.00	310.3	228.1	0.37	0.27	310.3	228.1	0.37	0.27
ALL	5680.0	2355.1	6.73	2.79	15311.8	3437.1	18.14	4.07	20991.8	5249.5	24.87	6.22

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	579.9	645.3	0.69	0.76
LMB	715.6	354.9	0.85	0.42
SUN	656.3	324.1	0.78	0.38
WAE	178.0	170.5	0.21	0.20
ALL	2129.7	822.5	2.52	0.97

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BOF	---	---	---	---	---	---	---	---	26.20	28.33	26.20	28.33
CRP	8.42	3.17	---	---	8.42	3.17	8.01	15.77	6.20	4.05	8.01	10.96
LMB	16.50	---	14.58	2.75	14.86	2.41	16.50	10.42	14.44	9.53	14.67	9.32
MUE	---	---	37.83	16.31	37.83	16.31	---	---	37.32	39.88	37.32	39.99
NOP	---	---	22.05	10.05	22.05	10.05	---	---	21.50	20.05	21.50	20.09
SUN	6.79	---	---	---	6.79	---	6.60	---	4.90	---	6.60	---
WAE	13.25	4.50	---	---	13.25	4.50	13.25	29.37	12.70	14.90	13.25	18.45
YEP	---	---	---	---	---	---	---	---	6.30	5.67	6.70	6.03

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BOF	---	---	---	---	---	---	---	---	6.27	6.79	6.27	6.79
CRP	0.38	0.21	---	---	0.38	0.21	0.31	0.54	0.11	0.07	0.31	0.37
LMB	2.57	---	2.09	0.67	2.16	0.56	2.57	1.63	2.06	1.55	2.12	1.46
MUE	---	---	13.51	5.64	13.51	5.64	---	---	12.91	13.58	12.91	13.58
NOP	---	---	2.98	1.69	2.98	1.69	---	---	2.77	2.73	2.77	2.73
SUN	0.25	---	---	---	0.25	---	0.22	---	0.10	0.06	0.22	---
WAE	0.93	0.06	---	---	0.93	0.06	0.93	1.33	0.61	0.72	0.93	1.03
YEP	---	---	---	---	---	---	---	---	0.10	0.09	0.12	0.11

Current Stratum Combinations:  
 Seasons 8 - July,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv		
			10746.4		2053.5		12.73	2.43		2.33	0.46	3.88	1.11	89

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 Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	SE	Ang Hrs	No. Intv
CRP	0.4516	0.3286	0.3010	0.2615	0.7525	0.5692		98.5	18
LMB	0.0065	0.0040	0.2809	0.0495	0.2874	0.0532		113.0	18
MUE	0.0000	0.0000	0.0321	0.0142	0.0321	0.0142		146.5	28
NOP	0.0320	0.0103	0.2073	0.1245	0.2393	0.1180		58.8	13
SUN	0.6280	0.2351	1.7225	0.4992	2.3506	0.7248		88.0	14
WAE	0.0000	---	0.0000	---	0.0000	---		23.5	6
YEP	0.0000	0.0000	0.0435	0.0252	0.0435	0.0252		23.0	5

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 Catch Per Angler-Hour  
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All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	SE	Ang Hrs	No. Intv
BOF	0.0000	0.0000	0.0038	0.0026	0.0038	0.0026		531.3	
CRP	0.1676	0.0498	0.1030	0.0562	0.2706	0.1008		531.3	
LMB	0.0276	0.0110	0.1714	0.0452	0.1991	0.0453		531.3	
MUE	0.0000	0.0000	0.0141	0.0067	0.0141	0.0067		531.3	
NOP	0.0044	0.0024	0.0754	0.0317	0.0798	0.0314		531.3	
SUN	0.2205	0.0195	0.4247	0.1784	0.6452	0.2100		531.3	
WAE	0.0000	0.0000	0.0082	0.0058	0.0082	0.0058		531.3	
YEP	0.0000	0.0000	0.0315	0.0147	0.0315	0.0147		531.3	
ALL	0.4201	0.0547	0.8322	0.1958	1.2523	0.2400		531.3	

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BOF	0.0	0.0	0.00	0.00	41.3	26.8	0.05	0.03	41.3	26.8	0.05	0.03
CRP	1800.9	709.6	2.13	0.84	1106.9	515.1	1.31	0.61	2907.8	1123.5	3.45	1.33
LMB	297.1	153.9	0.35	0.18	1842.2	566.0	2.18	0.67	2139.3	635.8	2.53	0.75
MUE	0.0	0.0	0.00	0.00	151.5	61.2	0.18	0.07	151.5	61.2	0.18	0.07
NOP	47.3	25.6	0.06	0.03	809.8	336.3	0.96	0.40	857.0	331.2	1.02	0.39
SUN	2369.1	806.2	2.81	0.96	4564.3	1946.9	5.41	2.31	6933.4	2653.5	8.21	3.14
WAE	0.0	0.0	0.00	0.00	88.5	60.7	0.10	0.07	88.5	60.7	0.10	0.07
YEP	0.0	0.0	0.00	0.00	338.4	138.9	0.40	0.16	338.4	138.9	0.40	0.16
ALL	4514.3	1085.3	5.35	1.29	8942.9	2125.2	10.60	2.52	13457.2	2974.0	15.94	3.52

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	541.1	380.9	0.64	0.45
LMB	205.6	195.2	0.24	0.23
NOP	114.2	97.1	0.14	0.12
SUN	636.3	433.5	0.75	0.51
ALL	1497.2	616.9	1.77	0.73

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BOF	---	---	---	---	---	---	---	---	24.00	21.70	24.00	21.70
CRP	8.01	3.95	---	---	8.01	3.95	8.17	6.45	6.20	4.08	8.17	5.72
LMB	16.25	---	14.02	3.93	14.12	4.07	9.97	17.02	12.64	8.48	11.98	8.75
MUE	---	---	29.75	19.65	29.75	19.65	---	---	28.83	28.05	28.83	28.09
NOP	22.67	1.42	17.51	6.83	18.92	4.64	22.67	20.45	19.22	15.00	19.52	13.48
SUN	7.24	5.07	---	---	7.24	5.07	7.22	4.96	4.90	3.27	7.22	5.37
WAE	---	---	---	---	---	---	---	---	14.80	35.11	14.80	35.27
YEP	---	---	---	---	---	---	---	---	6.30	4.40	6.70	4.68

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BOF	---	---	---	---	---	---	---	---	4.36	3.96	4.36	3.96
CRP	0.28	0.14	---	---	0.28	0.14	0.30	0.23	0.11	0.07	0.30	0.21
LMB	2.75	---	1.68	0.42	1.73	0.46	0.66	0.99	1.42	0.95	1.24	0.87
MUE	---	---	7.68	6.29	7.68	6.29	---	---	7.27	7.77	7.27	7.77
NOP	2.42	0.79	1.54	1.08	1.78	0.73	2.42	2.99	2.04	1.61	2.07	1.44
SUN	0.26	0.17	---	---	0.26	0.17	0.27	0.19	0.10	0.07	0.27	0.20
WAE	---	---	---	---	---	---	---	---	1.26	3.14	1.26	3.14
YEP	---	---	---	---	---	---	---	---	0.10	0.07	0.12	0.08

Current Stratum Combinations:  
 Seasons 9 - august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			11902.3	1612.3	14.10	1.91	2.24	0.31	1.75	0.25	119

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 Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.8238	0.3487	0.5318	0.4677	1.3556	0.6822	157.8	26	
LMB	0.0824	0.0544	0.3440	0.1034	0.4263	0.1554	92.0	20	
MUE	0.0000	0.0000	0.0238	0.0141	0.0238	0.0141	167.5	41	
NOP	0.0423	0.0430	0.0814	0.0558	0.1238	0.0931	32.5	10	
SUN	0.1750	0.1035	0.3977	0.1157	0.5727	0.1966	123.8	19	
WAE	0.0000	0.0000	0.0116	0.0151	0.0116	0.0151	39.8	9	
YEP	0.0000	---	0.0184	---	0.0184	---	19.5	5	

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 Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BOF	0.0000	0.0000	0.0022	0.0011	0.0022	0.0011	616.8	
CRP	0.2335	0.0314	0.1428	0.0667	0.3763	0.0722	616.8	
LMB	0.0173	0.0099	0.1133	0.0387	0.1306	0.0462	616.8	
MUE	0.0000	0.0000	0.0083	0.0030	0.0083	0.0030	616.8	
NOP	0.0028	0.0028	0.0278	0.0098	0.0307	0.0114	616.8	
SUN	0.0859	0.0331	0.2608	0.0498	0.3467	0.0743	616.8	
WAE	0.0000	0.0000	0.0083	0.0057	0.0083	0.0057	616.8	
YEP	0.0028	0.0022	0.0219	0.0105	0.0247	0.0095	616.8	
ALL	0.3424	0.0468	0.5855	0.0931	0.9279	0.1145	616.8	

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BOF	0.0	0.0	0.00	0.00	26.2	16.6	0.03	0.02	26.2	16.6	0.03	0.02
CRP	2779.5	1218.6	3.29	1.44	1699.3	910.9	2.01	1.08	4478.8	1852.5	5.31	2.19
LMB	206.0	111.5	0.24	0.13	1348.3	453.7	1.60	0.54	1554.3	532.5	1.84	0.63
MUE	0.0	0.0	0.00	0.00	99.2	48.0	0.12	0.06	99.2	48.0	0.12	0.06
NOP	33.8	33.7	0.04	0.04	331.4	119.6	0.39	0.14	365.1	139.2	0.43	0.16
SUN	1022.4	443.0	1.21	0.52	3104.3	818.0	3.68	0.97	4126.7	1171.0	4.89	1.39
WAE	0.0	0.0	0.00	0.00	99.2	47.6	0.12	0.06	99.2	47.6	0.12	0.06
YEP	33.8	35.4	0.04	0.04	260.5	140.3	0.31	0.17	294.3	149.4	0.35	0.18
ALL	4075.5	1302.4	4.83	1.54	6968.3	1320.4	8.26	1.56	11043.7	2265.6	13.08	2.68

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	862.6	1007.6	1.02	1.19
LMB	561.2	293.0	0.66	0.35
NOP	160.5	160.1	0.19	0.19
SUN	268.5	431.6	0.32	0.51
YEP	4.1	4.3	0.00	0.
ALL	1856.9	1145.9	2.20	1.36

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvLn		AvLn		AvLn		AvLn		AvLn		AvLn	
BOF	---	---	---	---	---	---	---	---	26.20	23.64	26.20	23.64
CRP	8.39	3.54	---	---	8.39	3.54	8.40	5.68	8.00	4.75	8.38	5.81
LMB	16.50	---	14.84	2.30	15.09	2.93	15.75	10.06	13.88	8.73	14.16	7.58
MUE	---	---	36.50	6.68	36.50	6.68	---	---	37.08	30.63	37.08	30.72
NOP	26.50	---	23.00	9.67	23.88	0.63	26.50	38.96	22.56	17.22	22.76	16.36
SUN	6.89	---	---	---	6.89	---	6.88	12.36	4.90	2.10	6.88	10.10
WAE	---	---	18.00	---	18.00	---	---	---	12.35	8.24	12.35	8.26
YEP	---	---	---	---	---	---	6.75	10.04	7.25	4.18	7.00	3.95

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvWt		AvWt		AvWt		AvWt		AvWt		AvWt	
BOF	---	---	---	---	---	---	---	---	6.27	5.67	6.27	5.67
CRP	0.32	0.13	---	---	0.32	0.13	0.32	0.22	0.24	0.14	0.32	0.22
LMB	2.83	---	1.85	0.31	2.00	0.50	2.75	1.77	1.59	0.95	1.77	0.87
MUE	---	---	12.36	2.55	12.36	2.55	---	---	12.95	10.49	12.95	10.49
NOP	4.75	---	3.16	1.98	3.56	0.30	4.75	6.98	3.06	2.26	3.15	2.16
SUN	0.27	---	---	---	0.27	---	0.26	0.49	0.10	0.04	0.26	0.40
WAE	---	---	1.90	---	1.90	---	---	---	0.80	0.55	0.80	0.55
YEP	---	---	---	---	---	---	0.12	0.18	0.16	0.09	0.14	0.08

Current Stratum Combinations:  
 Seasons 10 - september,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE	Acres	SE	Angler Hours	SE	AnHr/ Acres	SE	Unstratified data below						
								Angl per Inter	SE	Avg Trip Len	SE	No. Intv		
				3879.7		790.7		4.60	0.94	1.86	0.34	5.01	1.47	81

Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.0615	---	0.3538	---	0.4154	---	22.8	6	
LMB	0.0000	0.0000	0.1867	0.0906	0.1867	0.0906	56.0	9	
MUE	0.0000	0.0000	0.0498	0.0166	0.0498	0.0166	313.8	54	
NOP	0.0000	0.0000	0.0253	0.0123	0.0253	0.0123	69.3	8	
SUN	0.2471	0.1889	0.3032	0.0649	0.5502	0.1589	28.0	7	
WAE	0.0651	0.0945	0.0651	0.0945	0.1302	0.1889	24.5	6	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour  
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All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
BOF	0.0000	0.0000	0.0017	0.0015	0.0017	0.0015	480.0		
CRP	0.0165	0.0166	0.0339	0.0326	0.0505	0.0469	480.0		
LMB	0.0000	0.0000	0.0744	0.0361	0.0744	0.0361	480.0		
MUE	0.0000	0.0000	0.0364	0.0149	0.0364	0.0149	480.0		
NOP	0.0000	0.0000	0.0380	0.0148	0.0380	0.0148	480.0		
SUN	0.0323	0.0399	0.1703	0.1595	0.2027	0.1984	480.0		
WAE	0.0049	0.0040	0.0074	0.0047	0.0124	0.0082	480.0		
YEP	0.0000	0.0000	0.0058	0.0045	0.0058	0.0045	480.0		
ALL	0.0538	0.0434	0.3680	0.1682	0.4218	0.2083	480.0		



Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BOF	0.0	0.0	0.00	0.00	6.4	5.7	0.01	0.01	6.4	5.7	0.01	0.01
CRP	64.1	43.3	0.08	0.05	131.7	92.9	0.16	0.11	195.8	123.4	0.23	0.15
LMB	0.0	0.0	0.00	0.00	288.7	128.8	0.34	0.15	288.7	128.8	0.34	0.15
MUE	0.0	0.0	0.00	0.00	141.3	50.2	0.17	0.06	141.3	50.2	0.17	0.06
NOP	0.0	0.0	0.00	0.00	147.6	48.9	0.17	0.06	147.6	48.9	0.17	0.06
SUN	125.4	104.4	0.15	0.12	660.9	425.4	0.78	0.50	786.2	519.9	0.93	0.62
WAE	19.2	19.8	0.02	0.02	28.8	21.3	0.03	0.03	48.0	39.9	0.06	0.05
YEP	0.0	0.0	0.00	0.00	22.5	16.7	0.03	0.02	22.5	16.7	0.03	0.02
ALL	208.7	114.7	0.25	0.14	1427.8	460.3	1.69	0.55	1636.5	555.8	1.94	0.66

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	17.6	11.9	0.02	0.01
SUN	23.8	19.9	0.03	0.02
WAE	12.0	12.9	0.01	0.02
ALL	53.4	26.5	0.06	0.03

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvLn		AvLn		AvLn		AvLn		AvLn		AvLn	
BOF	---	---	---	---	---	---	---	---	26.20	34.65	26.20	34.65
CRP	8.50	---	---	---	8.50	---	8.22	8.47	6.20	6.54	8.22	9.27
LMB	---	---	14.14	8.74	14.14	8.74	---	---	13.84	12.32	13.84	12.35
MUE	---	---	36.75	8.38	36.75	8.38	---	---	36.92	29.91	36.92	30.33
NOP	---	---	23.20	12.00	23.20	12.00	---	---	24.26	15.01	24.26	15.14
SUN	---	---	---	---	---	---	6.50	7.78	4.90	4.49	5.80	5.50
WAE	13.25	---	21.00	---	17.13	---	13.25	19.15	17.33	46.69	15.70	53.05
YEP	---	---	---	---	---	---	---	---	6.30	6.66	6.70	7.09

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvWt		AvWt		AvWt		AvWt		AvWt		AvWt	
BOF	---	---	---	---	---	---	---	---	6.27	8.30	6.27	8.30
CRP	0.31	---	---	---	0.31	---	0.28	0.35	0.11	0.12	0.28	0.39
LMB	---	---	1.74	0.90	1.74	0.90	---	---	1.61	1.42	1.61	1.42
MUE	---	---	12.55	3.57	12.55	3.57	---	---	12.72	11.28	12.72	11.28
NOP	---	---	3.13	1.13	3.13	1.13	---	---	3.75	2.27	3.75	2.27
SUN	---	---	---	---	---	---	0.19	0.23	0.10	0.09	0.15	0.14
WAE	0.63	---	3.14	---	1.88	---	0.63	0.92	2.19	7.10	1.56	5.82
YEP	---	---	---	---	---	---	---	---	0.10	0.11	0.12	0.13

Current Stratum Combinations:  
 Seasons 11 - October,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			3238.8	914.9	3.84	1.08	1.89	0.58	3.26	1.13	53

Catch Per Angler-Hour

-----									
Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.0000	---	0.0000	---	0.0000	---	4.0	1	
LMB	0.0000	0.0000	0.3371	0.4772	0.3371	0.4772	41.0	5	
MUE	0.0000	0.0000	0.0552	0.0197	0.0552	0.0197	143.8	24	
NOP	0.0000	---	0.0000	---	0.0000	---	10.3	2	
SUN	0.0000	---	10.0000	---	10.0000	---	8.0	1	
WAE	0.2761	0.2362	0.0225	0.0241	0.2986	0.2596	101.5	23	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour

-----									
All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.0148	0.0072	0.0454	0.0184	0.0601	0.0164	298.5		
LMB	0.0000	0.0000	0.0457	0.0309	0.0457	0.0309	298.5		
MUE	0.0000	0.0000	0.0312	0.0211	0.0312	0.0211	298.5		
NOP	0.0025	0.0022	0.0189	0.0041	0.0214	0.0037	298.5		
SUN	0.0000	0.0000	0.2004	0.1756	0.2004	0.1756	298.5		
WAE	0.0788	0.0605	0.0072	0.0062	0.0860	0.0660	298.5		
YEP	0.0000	0.0000	0.0409	0.0299	0.0409	0.0299	298.5		
ALL	0.0961	0.0610	0.3897	0.1830	0.4858	0.1943	298.5		

Lake Sarah Creel Survey: October 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	47.8	29.5	0.06	0.03	147.0	65.4	0.17	0.08	194.8	71.3	0.23	0.08
LMB	0.0	0.0	0.00	0.00	147.9	90.9	0.18	0.11	147.9	90.9	0.18	0.11
MUE	0.0	0.0	0.00	0.00	101.0	51.2	0.12	0.06	101.0	51.2	0.12	0.06
NOP	8.1	6.7	0.01	0.01	61.3	32.7	0.07	0.04	69.4	33.4	0.08	0.04
SUN	0.0	0.0	0.00	0.00	649.0	538.2	0.77	0.64	649.0	538.2	0.77	0.64
WAE	255.2	171.8	0.30	0.20	23.4	19.3	0.03	0.02	278.7	189.0	0.33	0.22
YEP	0.0	0.0	0.00	0.00	132.6	66.6	0.16	0.08	132.6	66.6	0.16	0.08
ALL	311.1	174.5	0.37	0.21	1262.3	557.4	1.50	0.66	1573.4	589.0	1.86	0.70

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	14.3	8.9	0.02	0.01
NOP	30.4	25.3	0.04	0.03
WAE	276.7	287.1	0.33	0.34
ALL	321.5	288.3	0.38	0.34

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	---	---	---	---	---	---	8.50	8.09	6.20	4.44	8.50	3.87
LMB	---	---	16.19	8.69	16.19	8.69	---	---	14.50	12.11	14.50	12.11
MUE	---	---	36.67	3.76	36.67	3.76	---	---	36.67	25.83	36.67	25.85
NOP	---	---	---	---	---	---	25.50	32.48	23.75	34.89	24.10	24.78
SUN	---	---	---	---	---	---	---	---	4.90	6.24	5.80	7.39
WAE	14.80	5.83	10.00	---	14.56	5.40	14.80	15.76	10.00	10.25	14.56	15.21
YEP	---	---	---	---	---	---	---	---	6.30	3.79	6.70	4.03

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	---	---	---	---	---	---	0.30	0.29	0.11	0.08	0.30	0.14
LMB	---	---	2.55	1.64	2.55	1.64	---	---	2.07	1.91	2.07	1.91
MUE	---	---	13.11	4.27	13.11	4.27	---	---	13.11	10.78	13.11	10.78
NOP	---	---	---	---	---	---	3.75	4.78	3.80	5.51	3.79	3.90
SUN	---	---	---	---	---	---	---	---	0.10	0.13	0.15	0.19
WAE	1.06	0.41	0.28	---	1.02	0.38	1.06	1.12	0.28	0.29	1.02	1.07
YEP	---	---	---	---	---	---	---	---	0.10	0.06	0.12	0.07

Current Stratum Combinations:  
 Seasons 2 - Dec-January,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

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 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			16713.3	2429.8	29.12	4.23	1.50	0.24	2.35	1.08	44

Catch Per Angler-Hour

----- Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.6796	0.1817	0.3253	0.1570	1.0049	0.3207	96.7	30	
NOP	0.0000	---	0.0000	---	0.0000	---	26.5	9	
SUN	1.6394	---	1.2144	---	2.8538	---	33.7	13	
YEP	0.0000	---	0.0000	---	0.0000	---	3.5	3	

Catch Per Angler-Hour

----- All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.4969	0.0494	0.1769	0.0595	0.6738	0.1073	128.8	
LMB	0.0115	0.0081	0.0000	0.0000	0.0115	0.0081	128.8	
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	128.8	
SUN	0.2800	0.1393	0.1793	0.1766	0.4592	0.3040	128.8	
YEP	0.0000	0.0000	0.0102	0.0075	0.0102	0.0075	128.8	
ALL	0.7884	0.1480	0.3664	0.1865	1.1547	0.3226	128.8	

Lake Sarah: December 2002-January 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	8304.3	1800.8	14.47	3.14	2957.1	1079.3	5.15	1.88	11261.3	2711.7	19.62	4.72
LMB	192.9	132.0	0.34	0.23	0.0	0.0	0.00	0.00	192.9	132.0	0.34	0.23
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
SUN	4678.9	2158.7	8.15	3.76	2996.1	2696.3	5.22	4.70	7675.0	4568.6	13.37	7.96
YEP	0.0	0.0	0.00	0.00	169.9	122.2	0.30	0.21	169.9	122.2	0.30	0.21
ALL	13176.1	2814.3	22.95	4.90	6123.0	2906.9	10.67	5.06	19299.1	5315.8	33.62	9.26

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	3774.7	1913.8	6.58	3.33
LMB	405.0	278.9	0.71	0.49
SUN	1238.5	784.1	2.16	1.37
ALL	5418.3	2086.9	9.44	3.64

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	8.71	2.87	6.88	3.77	8.18	3.12	8.71	6.15	6.88	7.53	8.18	5.99
LMB	---	---	---	---	---	---	14.10	18.43	---	---	14.10	18.44
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.88	2.00	5.80	3.80	6.69	2.40	6.95	6.41	5.80	14.83	6.76	8.27
YEP	---	---	---	---	---	---	---	---	6.00	6.19	6.00	6.19

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.45	0.14	0.22	0.12	0.38	0.14	0.45	0.31	0.22	0.24	0.38	0.28
LMB	---	---	---	---	---	---	2.10	2.75	---	---	2.10	2.75
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.26	0.07	0.13	0.10	0.24	0.08	0.27	0.24	0.13	0.35	0.24	0.29
YEP	---	---	---	---	---	---	---	---	0.09	0.09	0.09	0.09

Current Stratum Combinations:  
 Seasons 3 - February,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

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 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			5741.5	543.8	10.00	0.95	1.64	0.29	3.54	1.46	58

Catch Per Angler-Hour

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Targeting Anglers

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv
CRP	0.8486	0.2377	0.5007	0.1862	1.3492	0.3710	216.9	44
LMB	0.0000	---	0.0000	---	0.0000	---	5.3	1
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	23.5	5
SUN	2.0165	0.6786	2.5273	0.9760	4.5439	1.3870	53.4	13
YEP	0.0000	---	0.0000	---	0.0000	---	5.3	2

Catch Per Angler-Hour

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All Anglers

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs
CRP	0.5782	0.1626	0.3397	0.1014	0.9178	0.1731	278.1
LMB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	278.1
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	278.1
SUN	0.5003	0.2105	0.5952	0.2771	1.0955	0.4598	278.1
YEP	0.0000	0.0000	0.0392	0.0225	0.0392	0.0225	278.1
ALL	1.0784	0.2660	0.9741	0.2960	2.0525	0.4918	278.1

Lake Sarah: February 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	3319.5	1041.9	5.78	1.82	1950.2	625.2	3.40	1.09	5269.7	1211.6	9.18	2.11
LMB	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
SUN	2872.2	1104.8	5.00	1.92	3417.4	1335.3	5.95	2.33	6289.6	2250.9	10.96	3.92
YEP	0.0	0.0	0.00	0.00	225.2	148.4	0.39	0.26	225.2	148.4	0.39	0.26
ALL	6191.7	1518.6	10.79	2.65	5592.8	1481.9	9.74	2.58	11784.5	2560.6	20.53	4.46

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	1735.5	795.5	3.02	1.39
SUN	650.5	371.5	1.13	0.65

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	8.86	1.70	6.63	2.26	7.94	1.77	8.86	5.03	6.59	4.89	7.90	4.21
LMB	---	---	---	---	---	---	---	---	---	---	---	---
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.86	2.37	5.03	1.09	5.88	1.18	6.93	5.22	5.04	3.78	6.00	3.90
YEP	---	---	---	---	---	---	---	---	6.20	8.10	6.20	8.10

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.49	0.09	0.21	0.08	0.38	0.08	0.49	0.28	0.20	0.16	0.37	0.20
LMB	---	---	---	---	---	---	---	---	---	---	---	---
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.21	0.07	0.09	0.02	0.14	0.03	0.22	0.17	0.09	0.07	0.16	0.10
YEP	---	---	---	---	---	---	---	---	0.10	0.14	0.10	0.14

Current Stratum Combinations:

Seasons 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Inter	SE	Angl per Len	Avg Trip SE	No. Intv
			4972.0	1901.9	8.66	3.31	1.85	0.72	2.42	0.60	27

Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.8597	0.4265	1.2439	0.4169	2.1037	0.8302	103.6	23	
SUN	8.2326	---	2.7594	---	10.9920	---	90.7	14	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour

All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.4531	0.1372	0.6905	0.1843	1.1436	0.2325	126.7		
SUN	1.0619	0.9869	2.7121	3.0428	3.7740	4.0059	126.7		
YEP	0.0000	0.0000	0.0454	0.0019	0.0454	0.0019	126.7		
ALL	1.5150	0.9964	3.4480	3.0484	4.9630	4.0126	126.7		



Lake Sarah: March 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	2252.9	1234.6	3.92	2.15	3433.3	1523.6	5.98	2.65	5686.2	2542.1	9.91	4.43
SUN	5279.6	4458.5	9.20	7.77	13484.8	13959.6	23.49	24.32	18764.4	18287.7	32.69	31.86
YEP	0.0	0.0	0.00	0.00	225.6	109.3	0.39	0.19	225.6	109.3	0.39	0.19
ALL	7532.5	4626.3	13.12	8.06	17143.7	14042.9	29.87	24.47	24676.2	18463.9	42.99	32.17

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	1076.7	690.0	1.88	1.20
SUN	1173.8	1707.4	2.04	2.97
ALL	2250.5	1841.5	3.92	3.21

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	8.80	4.34	6.65	6.26	7.92	5.29	8.80	12.76	6.65	15.49	7.92	11.58
SUN	6.95	3.60	5.78	---	6.53	0.17	6.95	15.09	5.78	8.36	6.53	9.48
YEP	---	---	---	---	---	---	---	---	5.50	4.38	5.50	4.38

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.48	0.27	0.19	0.19	0.36	0.24	0.48	0.70	0.19	0.46	0.36	0.53
SUN	0.23	0.13	0.13	---	0.19	0.03	0.23	0.51	0.13	0.18	0.19	0.34
YEP	---	---	---	---	---	---	---	---	0.07	0.06	0.07	0.06

Current Stratum Combinations:

Seasons 5 - April (ow),  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	Angler		AnHr/ Acre		Unstratified data below		Angl per Inter		Avg Trip Len		No. Intv
		SE	Hours	SE	SE	SE	SE	SE	SE			
			721.9	721.9	1.26	1.26	2.50	---	---	---	2	

Catch Per Angler-Hour

----- Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.1538	---	1.5385	---	1.6923	---	6.5	2	
SUN	0.0000	---	10.0000	---	10.0000	---	5.0	1	

Catch Per Angler-Hour

----- All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.1333	---	1.3333	---	1.4667	---	6.5	
SUN	0.2667	---	6.6667	---	6.9333	---	6.5	
ALL	0.4000	---	8.0000	---	8.4000	---	6.5	

Lk. Sarah: April 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	96.2	---	0.17	---	962.5	---	1.68	---	1058.8	---	1.84	---
SUN	192.5	---	0.34	---	4812.5	---	8.38	---	5005.0	---	8.72	---
ALL	288.8	---	0.50	---	5775.0	---	10.06	---	6063.8	---	10.56	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	27.9	---	0.05	---
SUN	42.4	---	0.07	---
ALL	70.3	---	0.12	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	7.50	---	---	---	7.50	---	7.50	---	6.80	---	7.50	---
SUN	---	---	---	---	---	---	6.88	---	4.20	---	6.88	---

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.29	---	---	---	0.29	---	0.29	---	0.17	---	0.29	---
SUN	---	---	---	---	---	---	0.22	---	0.08	---	0.22	---

Current Stratum Combinations:

Seasons 6 - May,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			6638.3	1747.8	11.56	3.04	2.55	0.70	4.04	1.30	67

Catch Per Angler-Hour

----- Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.1327	0.0561	0.0907	0.0337	0.2235	0.0742	327.0	43	
LMB	0.0561	---	0.8712	---	0.9273	---	71.3	16	
NOP	0.0126	---	0.0168	---	0.0294	---	77.8	9	
SUN	1.0761	0.2576	2.8172	0.7309	3.8934	0.6648	331.3	47	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour

----- All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.1949	0.1020	0.1266	0.0419	0.3215	0.1222	420.8		
LMB	0.0390	0.0067	0.4842	0.2019	0.5232	0.2116	420.8		
NOP	0.0055	0.0057	0.0166	0.0122	0.0222	0.0135	420.8		
SUN	0.9055	0.1376	1.8472	0.8664	2.7527	1.1520	420.8		
YEP	0.0037	0.0041	0.0018	0.0021	0.0055	0.0047	420.8		
ALL	1.1486	0.1716	2.4764	0.8907	3.6251	1.1777	420.8		

Lake Sarah: May 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
CRP	1293.8	646.8	2.25	1.13	840.3	430.3	1.46	0.75	2134.1	930.2	3.72	1.62
LMB	258.9	162.8	0.45	0.28	3214.1	1039.4	5.60	1.81	3473.1	1066.3	6.05	1.86
NOP	36.8	34.9	0.06	0.06	110.3	70.6	0.19	0.12	147.1	70.7	0.26	0.12
SUN	6011.0	1641.7	10.47	2.86	12262.3	4759.8	21.36	8.29	18273.3	5944.4	31.84	10.36
YEP	24.5	26.2	0.04	0.05	12.3	13.5	0.02	0.02	36.8	29.6	0.06	0.05
ALL	7625.1	1772.6	13.28	3.09	16439.3	4891.4	28.64	8.52	24064.4	6110.9	41.92	10.65

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	567.7	286.9	0.99	0.50
LMB	690.1	541.2	1.20	0.94
NOP	134.8	128.4	0.23	0.22
SUN	1801.2	474.9	3.14	0.83
YEP	4.4	4.7	0.01	0.01
ALL	3198.2	785.7	5.57	1.37

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	8.59	---	---	---	8.59	---	8.59	6.32	6.80	5.15	8.59	5.62
LMB	16.86	2.00	14.56	4.78	15.56	3.16	16.06	18.98	14.14	6.72	14.83	7.99
NOP	26.17	---	---	---	26.17	---	26.17	35.22	24.00	21.38	25.63	12.52
SUN	7.07	0.79	---	---	7.07	0.79	7.07	2.26	4.20	2.01	7.07	2.56
YEP	---	---	---	---	---	---	7.40	10.89	6.30	9.53	7.00	7.79

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.44	---	---	---	0.44	---	0.44	0.33	0.17	0.13	0.44	0.29
LMB	3.04	0.47	1.81	0.56	2.35	0.51	2.70	3.46	1.75	0.80	2.09	1.23
NOP	3.67	---	---	---	3.67	---	3.67	4.94	2.96	2.64	3.49	---
SUN	0.30	0.04	---	---	0.30	0.04	0.30	0.12	0.08	0.04	0.30	0.13
YEP	---	---	---	---	---	---	0.18	0.27	0.11	0.17	0.16	0.18

Current Stratum Combinations:  
 Seasons 7 - June,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			7843.1	1478.9	13.66	2.58	2.27	0.39	4.45	3.06	66

Catch Per Angler-Hour

----- Targeting Anglers -----									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.7307	0.5485	0.6200	0.2289	1.3507	0.7666	150.8	25	
LMB	0.1907	0.1286	0.9039	0.2090	1.0946	0.2061	175.8	27	
NOP	0.0092	0.0068	0.4667	0.2074	0.4759	0.2075	37.0	8	
SUN	2.3598	0.5911	3.3621	0.7367	5.7219	1.2880	189.5	29	
YEP	0.0000	---	0.0000	---	0.0000	---	27.8	6	

Catch Per Angler-Hour

----- All Anglers -----								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BOF	0.0000	0.0000	0.0059	0.0048	0.0059	0.0048	397.3	
CRP	0.2271	0.1477	0.2119	0.0987	0.4390	0.2417	397.3	
LMB	0.0929	0.0512	0.4240	0.0525	0.5168	0.0752	397.3	
NOP	0.0017	0.0015	0.0202	0.0049	0.0219	0.0053	397.3	
SUN	1.0008	0.4049	1.6082	0.6337	2.6090	1.0227	397.3	
YEP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	397.3	
ALL	1.3225	0.4341	2.2701	0.6435	3.5926	1.0536	397.3	

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BOF	0.0	0.0	0.00	0.00	46.2	36.4	0.08	0.06	46.2	36.4	0.08	0.06
CRP	1781.3	1024.0	3.10	1.78	1662.2	764.7	2.90	1.33	3443.5	1731.4	6.00	3.02
LMB	728.3	356.7	1.27	0.62	3325.3	1003.4	5.79	1.75	4053.6	1085.8	7.06	1.89
NOP	13.4	10.7	0.02	0.02	158.2	63.7	0.28	0.11	171.5	65.6	0.30	0.11
SUN	7849.4	2942.6	13.67	5.13	12613.0	4833.5	21.97	8.42	20462.3	7644.5	35.65	13.32
YEP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
ALL	10372.4	3136.1	18.07	5.46	17804.8	4996.0	31.02	8.70	28177.2	7913.3	49.09	13.79

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	640.5	784.7	1.12	1.37
LMB	978.8	704.0	1.71	1.23
NOP	122.9	98.8	0.21	0.17
SUN	2481.7	1187.5	4.32	2.07
ALL	4223.9	1591.0	7.36	2.77

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BOF	---	---	---	---	---	---	---	---	23.60	20.97	23.60	20.97
CRP	8.74	3.72	---	---	8.74	3.72	8.74	10.79	6.80	5.29	8.74	10.29
LMB	13.29	6.59	16.00	13.08	14.93	7.74	13.22	11.51	15.92	17.90	14.83	10.27
NOP	29.00	---	---	---	29.00	---	29.00	35.09	33.00	21.93	31.67	18.12
SUN	7.21	1.34	---	---	7.21	1.34	7.21	4.32	4.20	2.25	7.21	4.11
YEP	---	---	---	---	---	---	---	---	---	---	---	---

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BOF	---	---	---	---	---	---	---	---	4.59	4.10	4.59	4.10
CRP	0.35	0.15	---	---	0.35	0.15	0.35	0.44	0.17	0.13	0.35	0.42
LMB	1.46	0.86	2.41	2.19	2.03	1.26	1.42	1.31	2.38	2.87	1.99	1.55
NOP	9.20	---	---	---	9.20	---	9.20	11.13	8.10	6.17	8.47	4.94
SUN	0.32	0.06	---	---	0.32	0.06	0.32	0.19	0.08	0.04	0.32	0.18
YEP	---	---	---	---	---	---	---	---	---	---	---	---

Current Stratum Combinations:  
 Seasons 8 - July,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			4405.3	611.5	7.67	1.07	2.07	0.27	4.17	1.71	55

Catch Per Angler-Hour

----- Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.5633	0.0894	0.4290	0.1430	0.9924	0.1683	51.5	10	
LMB	0.0400	0.0214	1.1612	0.4027	1.2013	0.4103	200.5	31	
NOP	0.0000	---	0.1419	---	0.1419	---	49.0	5	
SUN	3.0514	0.8878	3.2812	0.8540	6.3326	1.6630	66.5	11	
YEP	0.0000	---	0.0394	---	0.0394	---	27.0	2	

Catch Per Angler-Hour

----- All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
BOF	0.0000	0.0000	0.0021	0.0023	0.0021	0.0023	323.0		
CRP	0.1300	0.0710	0.2459	0.0739	0.3758	0.0951	323.0		
LMB	0.0488	0.0189	0.6173	0.1557	0.6661	0.1463	323.0		
NOP	0.0000	0.0000	0.0370	0.0090	0.0370	0.0090	323.0		
SUN	0.8187	0.3990	1.1351	0.4378	1.9538	0.8171	323.0		
YEP	0.0000	0.0000	0.0065	0.0050	0.0065	0.0050	323.0		
ALL	0.9975	0.4058	2.0438	0.4706	3.0413	0.8356	323.0		



Lk. Sarah: July 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BOF	0.0	0.0	0.00	0.00	9.2	10.1	0.02	0.02	9.2	10.1	0.02	0.02
CRP	572.5	272.8	1.00	0.48	1083.1	525.6	1.89	0.92	1655.6	606.8	2.88	1.06
LMB	215.1	77.7	0.37	0.14	2719.2	645.8	4.74	1.13	2934.2	667.1	5.11	1.16
NOP	0.0	0.0	0.00	0.00	163.1	59.4	0.28	0.10	163.1	59.4	0.28	0.10
SUN	3606.7	1692.9	6.28	2.95	5000.3	1830.3	8.71	3.19	8607.0	3433.1	14.99	5.98
YEP	0.0	0.0	0.00	0.00	28.6	22.4	0.05	0.04	28.6	22.4	0.05	0.04
ALL	4394.3	1716.5	7.66	2.99	9003.5	2011.8	15.69	3.50	13397.8	3550.1	23.34	6.18

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	329.2	160.2	0.57	0.28
LMB	421.0	---	0.73	---
SUN	1063.2	392.9	1.85	0.68
ALL	1813.4	---	3.16	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BOF	---	---	---	---	---	---	---	---	26.80	39.17	26.80	39.17
CRP	9.34	1.59	---	---	9.34	1.59	9.47	5.74	6.80	4.29	9.47	4.90
LMB	16.26	6.10	14.32	3.48	14.43	3.30	14.94	12.07	14.30	8.05	14.36	8.11
NOP	---	---	21.58	9.58	21.58	9.58	---	---	22.99	14.04	22.99	14.06
SUN	7.17	1.52	---	---	7.17	1.52	7.22	4.69	4.20	1.98	7.22	3.99
YEP	---	---	---	---	---	---	---	---	6.30	6.47	7.00	7.19

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BOF	---	---	---	---	---	---	---	---	7.00	10.24	7.00	10.24
CRP	0.57	0.10	---	---	0.57	0.10	0.58	0.34	0.17	0.11	0.58	0.28
LMB	2.55	0.98	1.83	0.52	1.87	0.49	2.05	1.72	1.82	1.09	1.84	1.10
NOP	---	---	2.69	2.11	2.69	2.11	---	---	3.25	1.95	3.25	1.95
SUN	0.29	0.08	---	---	0.29	0.08	0.29	0.19	0.08	0.04	0.29	0.16
YEP	---	---	---	---	---	---	---	---	0.11	0.11	0.16	0.16

Current Stratum Combinations:

Seasons 9 - August,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			5054.9	899.2	8.81	1.57	2.25	0.31	3.56	0.58	72

Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.5658	0.1455	0.5247	0.2505	1.0906	0.3720	134.3	25	
LMB	0.0431	0.0234	1.8804	0.2898	1.9236	0.2868	152.0	27	
NOP	0.1162	0.1108	0.0000	0.0000	0.1162	0.1108	24.8	7	
SUN	2.4839	0.5562	4.5880	0.8887	7.0718	1.1297	140.3	26	
YEP	0.0000	---	0.1590	---	0.1590	---	27.0	3	

Catch Per Angler-Hour

All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
BLH	0.0000	0.0000	0.0104	0.0077	0.0104	0.0077	407.5		
BOF	0.0000	0.0000	0.0041	0.0029	0.0041	0.0029	407.5		
CRP	0.1379	0.0103	0.1503	0.0392	0.2883	0.0335	407.5		
LMB	0.0451	0.0179	0.6666	0.0083	0.7118	0.2764	407.5		
NOP	0.0134	0.0136	0.0084	0.0049	0.0218	0.0147	407.5		
SUN	0.8919	0.3362	1.7237	0.5913	2.6156	0.8981	407.5		
YEP	0.0000	0.0000	0.0229	0.0092	0.0229	0.0092	407.5		
ALL	1.0883	0.3371	2.5865	0.5928	3.6748	0.9405	407.5		

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	52.8	37.6	0.09	0.07	52.8	37.6	0.09	0.07
BOF	0.0	0.0	0.00	0.00	20.6	12.3	0.04	0.02	20.6	12.3	0.04	0.02
CRP	697.2	211.9	1.21	0.37	759.8	294.2	1.32	0.51	1457.1	455.5	2.54	0.79
LMB	228.0	99.1	0.40	0.17	3369.8	1203.4	5.87	2.10	3597.9	1242.0	6.27	2.16
NOP	67.6	30.3	0.12	0.05	42.5	23.4	0.07	0.04	110.1	43.0	0.19	0.07
SUN	4508.5	1250.5	7.85	2.18	8713.0	2734.9	15.18	4.76	13221.5	3810.8	23.03	6.64
YEP	0.0	0.0	0.00	0.00	115.9	41.9	0.20	0.07	115.9	41.9	0.20	0.07
ALL	5501.5	1272.5	9.58	2.22	13074.5	3003.1	22.78	5.23	18575.9	4034.6	32.36	7.03

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	299.5	225.1	0.52	0.39
LMB	393.0	256.4	0.68	0.45
NOP	424.7	444.0	0.74	0.77
SUN	1120.9	302.9	1.95	0.53
ALL	2238.1	636.6	3.90	1.11

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	---	---	13.20	13.05	13.20	13.05
BOF	---	---	---	---	---	---	---	---	23.60	21.93	23.60	21.93
CRP	8.83	7.33	---	---	8.83	7.33	8.80	7.04	6.80	3.54	8.80	5.70
LMB	14.69	7.73	14.30	3.34	14.39	4.11	14.36	14.88	14.08	9.02	14.16	8.78
NOP	33.25	---	---	---	33.25	---	31.00	39.92	25.73	21.53	28.37	19.00
SUN	6.94	1.95	---	---	6.94	1.95	6.93	2.86	4.20	1.61	6.93	3.14
YEP	---	---	---	---	---	---	---	---	6.30	3.28	7.00	3.65

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	1.33	1.32	1.33	1.32
BOF	---	---	---	---	---	---	---	---	4.59	4.28	4.59	4.28
CRP	0.44	0.40	---	---	0.44	0.40	0.42	0.36	0.17	0.09	0.42	0.28
LMB	1.77	1.02	1.75	0.49	1.75	0.54	1.70	1.78	1.69	1.19	1.70	1.12
NOP	8.75	---	---	---	8.75	---	7.00	11.00	3.99	3.86	5.50	4.44
SUN	0.25	0.07	---	---	0.25	0.07	0.26	0.11	0.08	0.03	0.26	0.12
YEP	---	---	---	---	---	---	---	---	0.11	0.06	0.16	0.08

Current Stratum Combinations:  
 Seasons 10 - september,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			2600.9	578.1	4.53	1.01	1.78	0.33	3.32	0.99	67

Catch Per Angler-Hour

----- Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.2961	0.0873	0.2991	0.1109	0.5952	0.0778	106.5	24	
LMB	0.0387	0.0224	0.8439	0.1360	0.8826	0.1288	86.5	20	
NOP	0.5847	---	0.0658	---	0.6504	---	37.8	7	
SUN	4.0440	0.6874	5.1760	0.9077	9.2200	1.4375	139.5	32	
YEP	0.0000	---	0.0000	---	0.0000	---	28.0	5	

Catch Per Angler-Hour

----- All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0048	0.0039	0.0048	0.0039	316.8	
BOF	0.0000	0.0000	0.0048	0.0036	0.0048	0.0036	316.8	
CRP	0.1867	0.0496	0.2180	0.0771	0.4047	0.1115	316.8	
LMB	0.0343	0.0179	0.3186	0.0734	0.3530	0.0640	316.8	
NOP	0.0163	0.0083	0.0217	0.0167	0.0379	0.0198	316.8	
SUN	1.6886	0.0823	2.7607	1.0710	4.4493	1.6974	316.8	
WAE	0.0000	0.0000	0.0024	0.0024	0.0024	0.0024	316.8	
YEP	0.0000	0.0000	0.0175	0.0113	0.0175	0.0113	316.8	
ALL	1.9259	0.0981	3.3486	1.0765	5.2745	1.7025	316.8	

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	12.5	8.7	0.02	0.02	12.5	8.7	0.02	0.02
BOF	0.0	0.0	0.00	0.00	12.5	8.8	0.02	0.02	12.5	8.8	0.02	0.02
CRP	485.6	183.5	0.85	0.32	567.1	262.0	0.99	0.46	1052.7	417.0	1.83	0.73
LMB	89.3	55.4	0.16	0.10	828.8	255.4	1.44	0.44	918.1	262.6	1.60	0.46
NOP	42.3	21.0	0.07	0.04	56.4	39.4	0.10	0.07	98.7	44.8	0.17	0.08
SUN	4391.9	1441.4	7.65	2.51	7180.4	2282.9	12.51	3.98	11572.3	3588.1	20.16	6.25
WAE	0.0	0.0	0.00	0.00	6.3	6.1	0.01	0.01	6.3	6.1	0.01	0.01
YEP	0.0	0.0	0.00	0.00	45.4	20.6	0.08	0.04	45.4	20.6	0.08	0.04
ALL	5009.1	1454.2	8.73	2.53	8709.4	2312.5	15.17	4.03	13718.5	3622.1	23.90	6.31

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	190.3	155.5	0.33	0.27
LMB	211.4	115.4	0.37	0.20
NOP	113.6	50.2	0.20	0.09
SUN	1328.5	928.6	2.31	1.62
ALL	1843.8	949.9	3.21	1.65

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
WAE	---	---	---	---	---	---	---	---	10.00	13.46	10.00	13.47
YEP	---	---	---	---	---	---	---	---	6.30	4.20	7.00	4.66

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	1.33	1.28	1.33	1.28
BOF	---	---	---	---	---	---	---	---	4.59	4.53	4.59	4.53
CRP	0.37	0.25	---	---	0.37	0.25	0.39	0.45	0.17	0.12	0.39	0.46
LMB	2.00	---	1.47	0.44	1.50	0.41	2.37	2.14	1.32	0.79	1.45	0.73
NOP	3.25	0.70	2.94	0.95	3.04	1.32	2.71	1.90	2.75	5.07	2.73	3.45
SUN	0.29	0.13	---	---	0.29	0.13	0.30	0.22	0.08	0.04	0.30	0.20
WAE	---	---	---	---	---	---	---	---	0.28	0.38	0.28	0.43
YEP	---	---	---	---	---	---	---	---	0.11	0.07	0.16	0.11

Current Stratum Combinations:  
 Seasons 11 - October,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Unstratified data below				
							Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			1141.8	351.7	1.99	0.61	1.95	0.74	5.61	2.48	19

Catch Per Angler-Hour

----- Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.3221	0.2325	0.0000	0.0000	0.3221	0.2325	21.0	5	
LMB	0.0000	0.0000	1.5171	0.3136	1.5171	0.3136	94.3	9	
NOP	0.0000	---	0.1290	---	0.1290	---	9.5	2	
SUN	0.4677	0.0867	2.0887	0.9819	2.5565	0.9391	36.0	6	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour

----- All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.2197	0.1473	0.1813	0.1429	0.4010	0.2889	160.3		
LMB	0.0000	0.0000	0.7779	0.0583	0.7779	0.0583	160.3		
NOP	0.0000	0.0000	0.0796	0.0688	0.0796	0.0688	160.3		
SUN	0.1857	0.1822	0.5211	0.2902	0.7068	0.4157	160.3		
YEP	0.0000	0.0000	0.0159	0.0129	0.0159	0.0129	160.3		
ALL	0.4054	0.2343	1.5758	0.3361	1.9812	0.5144	160.3		

Lake Sarah: October 2003

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
CRP	250.8	149.3	0.44	0.26	207.0	150.2	0.36	0.26	457.8	298.1	0.80	0.52
LMB	0.0	0.0	0.00	0.00	888.2	314.0	1.55	0.55	888.2	314.0	1.55	0.55
NOP	0.0	0.0	0.00	0.00	90.9	85.3	0.16	0.15	90.9	85.3	0.16	0.15
SUN	212.0	174.1	0.37	0.30	594.9	276.0	1.04	0.48	807.0	404.4	1.41	0.70
YEP	0.0	0.0	0.00	0.00	18.2	13.6	0.03	0.02	18.2	13.6	0.03	0.02
ALL	462.8	229.4	0.81	0.40	1799.2	452.5	3.13	0.79	2262.1	598.7	3.94	1.04

Total Catch Pounds and Pounds per Acre

Spp	Harvest		Har Lbs per Acre	
	Lbs	SE		SE
CRP	81.2	51.6	0.14	0.09
SUN	46.7	38.4	0.08	0.07
ALL	127.8	64.3	0.22	0.11

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	9.67	7.44	---	---	9.67	7.44	9.67	15.15	6.80	8.91	9.67	15.38
LMB	---	---	13.67	6.64	13.67	6.64	---	---	13.61	13.31	13.61	13.32
NOP	---	---	26.00	---	26.00	---	---	---	24.67	38.43	24.67	38.51
SUN	6.70	---	---	---	6.70	---	6.70	6.47	4.20	2.41	6.70	4.18
YEP	---	---	---	---	---	---	---	---	6.30	10.13	7.00	11.25

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.48	0.37	---	---	0.48	0.37	0.48	0.75	0.17	0.22	0.48	0.76
LMB	---	---	1.50	0.62	1.50	0.62	---	---	1.48	1.37	1.48	1.37
NOP	---	---	3.98	---	3.98	---	---	---	3.80	5.58	3.80	5.58
SUN	0.22	---	---	---	0.22	---	0.22	0.21	0.08	0.05	0.22	0.14
YEP	---	---	---	---	---	---	---	---	0.11	0.18	0.16	0.26

## Appendix C. Strata values by day type (weekdays, weekend days/holidays)

Current Stratum Combinations:

Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Effort and Effort per Acre

Boat Hours	BtHr/ SE	Acres	SE	Angler Hours	SE	AnHr/ Acres	SE	NO. ints.
		20098.0		2602.3		22.68	2.94	78

Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	1.0690	0.6750	0.1981	0.1015	1.2671	0.7554	102.2	39	
LMB	0.3636	---	0.0000	---	0.3636	---	5.5	2	
NOP	0.2521	0.0674	0.2984	0.1786	0.5504	0.1669	111.1	29	
SUN	1.5638	0.4887	2.9685	0.9274	4.5323	1.0281	44.9	21	
YEP	0.3093	---	1.0528	---	1.3621	---	7.4	5	

Catch Per Angler-Hour

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0083	0.0087	0.0083	0.0087	234.7	
CRP	0.5373	0.2129	0.1208	0.0778	0.6581	0.2862	234.7	
LMB	0.0037	0.0041	0.0083	0.0083	0.0120	0.0093	234.7	
NOP	0.0974	0.0335	0.1211	0.0759	0.2185	0.0854	234.7	
SUN	0.5969	0.1932	0.5624	0.2199	1.1593	0.3072	234.7	
YEP	0.0266	0.0257	0.1178	0.0487	0.1444	0.0497	234.7	
ALL	1.2620	0.2907	0.9386	0.2504	2.2006	0.4315	234.7	



Medicine Lake winter 2002-03, weekdays

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	165.8	173.0	0.19	0.20	165.8	173.0	0.19	0.20
CRP	10798.7	4205.9	12.19	4.75	2427.8	1426.4	2.74	1.61	13226.5	5483.7	14.93	6.19
LMB	74.9	81.3	0.08	0.09	165.8	166.2	0.19	0.19	240.7	185.0	0.27	0.21
NOP	1957.7	632.6	2.21	0.71	2433.7	1432.2	2.75	1.62	4391.4	1527.1	4.96	1.72
SUN	11996.7	4408.8	13.54	4.98	11303.7	4243.7	12.76	4.79	23300.4	6590.8	26.30	7.44
YEP	534.9	504.6	0.60	0.57	2367.4	929.2	2.67	1.05	2902.3	925.1	3.28	1.04
ALL	25362.9	6147.2	28.63	6.94	18864.2	4797.4	21.29	5.41	44227.1	8761.4	49.92	9.89

Total Catch Pounds and Pounds per Acre

All Anglers				
Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	3961.5	2282.7	4.47	2.58
LMB	185.4	201.5	0.21	0.23
NOP	9559.4	6855.9	10.79	7.74
SUN	2762.1	1101.5	3.12	1.24
YEP	63.3	59.2	0.07	0.07
ALL	16531.6	7312.5	18.66	8.25

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	---	---	11.70	17.29	11.70	17.29
CRP	7.82	1.30	6.13	2.55	7.47	1.32	7.85	5.39	6.13	7.18	7.50	5.30
LMB	15.75	---	---	---	15.75	---	15.75	22.07	4.00	5.86	11.83	18.05
NOP	25.45	5.46	20.13	4.52	23.81	3.70	25.45	17.74	19.89	11.17	23.59	11.49
SUN	6.75	2.47	5.23	1.53	6.11	1.52	6.78	4.85	5.34	4.86	6.18	4.27
YEP	6.50	---	5.50	---	6.10	1.70	6.62	20.05	5.50	3.40	5.91	3.84

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	0.98	1.45	0.98	1.45
CRP	0.35	0.06	0.16	0.07	0.31	0.06	0.35	0.24	0.16	0.16	0.31	0.21
LMB	2.48	---	---	---	2.48	---	2.48	3.47	0.03	0.08	1.66	2.82
NOP	4.83	1.27	2.40	0.81	4.08	0.82	4.83	3.65	2.27	---	3.98	1.95
SUN	0.22	0.07	0.10	0.03	0.17	0.05	0.22	0.15	0.10	0.09	0.17	0.12
YEP	0.12	---	0.07	---	0.10	0.04	0.12	0.36	0.07	0.04	0.09	0.06

Current Stratum Combinations:  
 Seasons 1 - Winter, Day Types 1 - Weekdays,  
 Areas ME- ME, Medicine Lake, 886 Acres Angler Types 1- All Winter Anglers

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN	YEP
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---
[5.5, 6.0)	---	---	---	1	---
[6.0, 6.5)	1	---	---	11	2
[6.5, 7.0)	3	---	---	27	---
[7.0, 7.5)	19	---	---	14	1
[7.5, 8.0)	18	---	---	2	1
[8.0, 8.5)	10	---	---	1	---
[8.5, 9.0)	4	---	---	---	---
[9.0, 9.5)	1	---	---	---	---
[9.5, 10.0)	1	---	---	---	---
[10.0, 10.5)	---	---	---	---	---
[10.5, 11.0)	---	---	---	---	---
[11.0, 11.5)	---	---	---	---	---
[11.5, 12.0)	---	---	---	---	---
[12.0, 13.0)	---	---	---	---	---
[13.0, 14.0)	2	---	---	---	---
[14.0, 15.0)	---	1	---	---	---
[15.0, 16.0)	---	---	---	---	---
[16.0, 17.0)	---	---	---	---	---
[17.0, 18.0)	---	1	---	---	---
[18.0, 19.0)	---	---	---	---	---
[19.0, 20.0)	---	---	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	2	---	---
[22.0, 23.0)	---	---	3	---	---
[23.0, 24.0)	---	---	2	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	4	---	---
[26.0, 27.0)	---	---	1	---	---
[27.0, 28.0)	---	---	2	---	---
[28.0, 29.0)	---	---	1	---	---
[29.0, 30.0)	---	---	1	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---
[32.0, 33.0)	---	---	1	---	---
[33.0, 34.0)	---	---	1	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	59	2	18	56	4
Min. Length	6.00	14.00	21.20	5.90	6.00
Max. Length	13.25	17.50	33.00	8.00	7.50
Mean Length	7.85	15.75	25.45	6.78	6.63

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 1 - Weekdays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	LMB	NOP	SUN	YEP
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	---	1	---	1	---
[4.5, 5.0)	---	---	---	4	1
[5.0, 5.5)	5	---	---	17	2
[5.5, 6.0)	---	---	---	5	2
[6.0, 6.5)	3	---	---	12	1
[6.5, 7.0)	---	---	---	---	---
[7.0, 7.5)	7	---	---	1	1
[7.5, 8.0)	---	---	---	---	---
[8.0, 8.5)	---	---	---	---	---
[8.5, 9.0)	---	---	---	---	---
[9.0, 9.5)	---	---	1	---	---
[9.5, 10.0)	---	---	---	---	---
[10.0, 10.5)	---	---	---	---	---
[10.5, 11.0)	---	---	---	---	---
[11.0, 11.5)	---	---	---	---	---
[11.5, 12.0)	---	---	---	---	---
[12.0, 13.0)	---	---	---	---	---
[13.0, 14.0)	---	---	---	---	---
[14.0, 15.0)	---	---	---	---	---
[15.0, 16.0)	---	---	1	---	---
[16.0, 17.0)	---	---	---	---	---
[17.0, 18.0)	---	---	1	---	---
[18.0, 19.0)	---	---	2	---	---
[19.0, 20.0)	---	---	---	---	---
[20.0, 21.0)	---	---	1	---	---
[21.0, 22.0)	---	---	---	---	---
[22.0, 23.0)	---	---	1	---	---
[23.0, 24.0)	---	---	---	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	---	---	---
[26.0, 27.0)	---	---	---	---	---
[27.0, 28.0)	---	---	---	---	---
[28.0, 29.0)	---	---	1	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	1	---	---
[32.0, 33.0)	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	15	1	9	40	7
Min. Length	5.00	4.00	9.00	4.20	4.50
Max. Length	7.00	4.00	31.00	7.00	7.00
Mean Length	6.13	4.00	19.89	5.34	5.50

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Effort and Effort per Acre

Boat Hours	BtHr/ SE	Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	No. Inter
				19545.6	---	22.06	---	55

Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.6496	0.1073	0.2428	0.1441	0.8924	0.2154	153.0	38	
NOP	0.0452	0.0299	0.0582	0.0165	0.1033	0.0292	54.8	14	
SUN	1.1791	---	1.7299	---	2.9090	---	34.9	9	
YEP	6.7204	---	1.5289	---	8.2493	---	14.2	4	

Catch Per Angler-Hour

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.4913	---	0.1904	---	0.6817	---	209.8	
NOP	0.0182	---	0.0349	---	0.0531	---	209.8	
SUN	0.1000	---	0.1533	---	0.2533	---	209.8	
YEP	0.0566	---	0.1512	---	0.2078	---	209.8	
ALL	0.6662	---	0.5297	---	1.1959	---	209.8	

Medicine Lake winter 2002-03: weekends

Total Catch Numbers and Numbers per Acre

All Anglers												
Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	9603.6	---	10.84	---	3721.2	---	4.20	---	13324.8	---	15.04	---
NOP	355.3	---	0.40	---	681.7	---	0.77	---	1036.9	---	1.17	---
SUN	1954.9	---	2.21	---	2995.6	---	3.38	---	4950.5	---	5.59	---
YEP	1106.9	671.8	1.25	0.76	2954.6	1282.3	3.33	1.45	4061.5	1597.0	4.58	1.80
ALL	13020.6	---	14.70	---	10353.1	---	11.69	---	23373.8	---	26.38	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har lbs per Acre	SE
CRP	3883.6	---	4.38	---
NOP	1201.7	---	1.36	---
SUN	456.8	---	0.52	---
YEP	134.4	86.6	0.15	0.10
ALL	5676.5	---	6.41	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	7.99	1.83	5.75	1.65	7.59	1.86	7.99	4.87	5.81	3.81	7.50	4.05
NOP	23.00	2.00	24.29	11.71	24.00	9.79	23.00	16.84	23.54	40.13	23.43	29.20
SUN	6.86	4.56	5.50	---	6.51	3.29	6.86	12.78	5.50	6.34	6.51	10.70
YEP	6.53	1.40	6.48	6.16	6.50	4.11	6.72	7.66	5.92	7.39	6.13	6.28

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.36	0.09	0.17	0.08	0.33	0.09	0.36	0.22	0.16	0.08	0.32	0.17
NOP	2.85	0.78	4.01	2.58	3.75	2.00	2.85	---	3.69	7.07	3.53	5.08
SUN	0.23	0.15	0.11	---	0.20	0.11	0.23	0.43	0.11	0.13	0.20	0.34
YEP	0.12	0.00	0.12	0.11	0.12	0.07	0.13	0.14	0.09	0.13	0.10	0.11

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	NOP	SUN	YEP
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	1
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	1
[6.0, 6.5)	---	---	6	3
[6.5, 7.0)	3	---	17	6
[7.0, 7.5)	10	---	13	2
[7.5, 8.0)	30	---	4	1
[8.0, 8.5)	21	---	---	2
[8.5, 9.0)	6	---	---	---
[9.0, 9.5)	1	---	---	---
[9.5, 10.0)	---	---	---	---
[10.0, 10.5)	---	---	---	---
[10.5, 11.0)	1	---	---	---
[11.0, 11.5)	1	---	---	---
[11.5, 12.0)	1	---	---	---
[12.0, 13.0)	---	---	---	---
[13.0, 14.0)	---	---	---	---
[14.0, 15.0)	---	---	---	---
[15.0, 16.0)	---	---	---	---
[16.0, 17.0)	---	---	---	---
[17.0, 18.0)	---	---	---	---
[18.0, 19.0)	---	---	---	---
[19.0, 20.0)	---	---	---	---
[20.0, 21.0)	---	---	---	---
[21.0, 22.0)	---	1	---	---
[22.0, 23.0)	---	---	---	---
[23.0, 24.0)	---	---	---	---
[24.0, 25.0)	---	---	---	---
[25.0, 26.0)	---	1	---	---
[26.0, 27.0)	---	---	---	---
[27.0, 28.0)	---	---	---	---
[28.0, 29.0)	---	---	---	---
[29.0, 30.0)	---	---	---	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	74	2	40	16
Min. Length	6.60	21.00	6.00	4.80
Max. Length	11.70	25.00	7.60	8.10
Mean Length	7.99	23.00	6.86	6.72

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	NOP	SUN	YEP
[0.0, 3.0)	1	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	2	---	---	4
[4.5, 5.0)	---	---	---	3
[5.0, 5.5)	3	---	---	7
[5.5, 6.0)	2	---	14	---
[6.0, 6.5)	9	---	---	16
[6.5, 7.0)	---	---	---	---
[7.0, 7.5)	---	---	---	14
[7.5, 8.0)	---	---	---	---
[8.0, 8.5)	4	---	---	1
[8.5, 9.0)	---	---	---	---
[9.0, 9.5)	---	---	---	---
[9.5, 10.0)	---	---	---	---
[10.0, 10.5)	---	---	---	---
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	---	---	---
[11.5, 12.0)	---	---	---	---
[12.0, 13.0)	---	---	---	---
[13.0, 14.0)	---	---	---	---
[14.0, 15.0)	---	---	---	---
[15.0, 16.0)	---	1	---	---
[16.0, 17.0)	---	---	---	---
[17.0, 18.0)	---	---	---	---
[18.0, 19.0)	---	1	---	---
[19.0, 20.0)	---	---	---	---
[20.0, 21.0)	---	---	---	---
[21.0, 22.0)	---	---	---	---
[22.0, 23.0)	---	3	---	---
[23.0, 24.0)	---	---	---	---
[24.0, 25.0)	---	1	---	---
[25.0, 26.0)	---	---	---	---
[26.0, 27.0)	---	---	---	---
[27.0, 28.0)	---	---	---	---
[28.0, 29.0)	---	---	---	---
[29.0, 30.0)	---	---	---	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	1	---	---
[33.0, 34.0)	---	1	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	21	8	14	45
Min. Length	2.00	15.00	5.50	4.00
Max. Length	8.00	33.00	5.50	8.00
Mean Length	5.81	23.54	5.50	5.92

Current Stratum Combinations:  
 Seasons 10- september, 11- October, 5- April (ow), 6- May, 7- june, 8- july, 9 - august,  
 Day Types 1 - Weekdays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	No. Inter
			18457.1	2882.4	20.83	3.25	167

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.5074	---	0.3375	---	0.8449	---	189.8	51	
LMB	0.3129	---	0.6188	---	0.9317	---	174.3	46	
NOP	0.0208	---	0.3417	---	0.3625	---	218.3	48	
SUN	1.7017	0.3568	2.2633	0.5939	3.9650	0.9020	226.3	58	
YEP	0.0691	---	0.0000	---	0.0691	---	17.8	5	

Catch Per Angler-Hour  
 -----

All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
BLH	0.0000	0.0000	0.0070	0.0048	0.0070	0.0048	667.5		
BOF	0.0000	0.0000	0.0083	0.0048	0.0083	0.0048	667.5		
CRP	0.2381	0.0839	0.1414	0.0436	0.3795	0.1220	667.5		
LMB	0.0298	0.0180	0.2420	0.0648	0.2718	0.0759	667.5		
NOP	0.0054	0.0025	0.1391	0.0145	0.1446	0.0123	667.5		
SUN	0.5158	0.0986	0.9550	0.1802	1.4708	0.2225	667.5		
WAE	0.0016	0.0007	0.0032	0.0021	0.0048	0.0023	667.5		
YEP	0.0011	0.0011	0.0431	0.0195	0.0442	0.0198	667.5		
ALL	0.7919	0.1307	1.5391	0.1981	2.3310	0.2660	667.5		



Open-water medicine 2003: Weekday

Total Catch Numbers and Numbers per Acre

Sp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BLH	0.0	0.0	0.00	0.00	129.7	86.2	0.15	0.10	129.7	86.2	0.15	0.10
BOF	0.0	0.0	0.00	0.00	153.2	84.4	0.17	0.10	153.2	84.4	0.17	0.10
CRP	4395.5	1773.1	4.96	2.00	2609.6	835.2	2.95	0.94	7005.1	2527.4	7.91	2.85
LMB	550.4	300.4	0.62	0.34	4466.3	1086.8	5.04	1.23	5016.8	1227.1	5.66	1.38
NOP	100.4	50.0	0.11	0.06	2568.2	578.6	2.90	0.65	2668.6	576.8	3.01	0.65
SUN	9520.2	2827.9	10.75	3.19	17625.9	4222.8	19.89	4.77	27146.1	6375.8	30.64	7.20
WAE	29.3	29.1	0.03	0.03	58.6	42.7	0.07	0.05	87.9	65.4	0.10	0.07
YEP	19.6	20.0	0.02	0.02	796.0	315.4	0.90	0.36	815.6	318.3	0.92	0.36
ALL	14615.5	3351.8	16.50	3.78	28407.5	4490.2	32.06	5.07	43023.0	6999.8	48.56	7.90

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	1228.3	---	1.39	---
LMB	903.8	719.2	1.02	0.81
NOP	353.3	165.9	0.40	0.19
SUN	2311.5	1416.9	2.61	1.60
WAE	95.3	94.7	0.11	0.11
YEP	1.8	1.8	0.00	0.00
ALL	4894.0	---	5.52	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BLH	---	---	---	---	---	---	---	---	11.70	11.90	11.70	11.90
BOF	---	---	---	---	---	---	---	---	20.00	16.37	20.00	16.37
CRP	7.76	2.68	---	---	7.76	2.68	7.76	9.21	6.40	3.13	7.76	8.16
LMB	14.37	4.38	13.80	5.15	13.94	4.19	14.27	21.30	13.70	9.30	13.83	8.49
NOP	24.06	6.05	22.19	4.88	22.29	4.71	23.70	21.40	21.69	11.70	21.80	11.12
SUN	6.99	1.47	---	---	6.99	1.47	6.99	3.33	5.00	1.66	6.99	3.41
WAE	---	---	---	---	---	---	20.50	29.03	8.00	8.15	14.25	46.95
YEP	6.00	---	---	---	6.00	---	6.00	8.48	6.00	3.37	6.00	3.34

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BLH	---	---	---	---	---	---	---	---	0.98	1.00	0.98	1.00
BOF	---	---	---	---	---	---	---	---	2.65	2.19	2.65	2.19
CRP	0.28	0.10	---	---	0.28	0.10	0.28	0.33	0.12	0.06	0.28	0.29
LMB	1.63	0.47	1.61	0.53	1.61	0.45	1.56	2.34	1.63	1.09	1.62	0.99
NOP	3.25	0.88	3.26	0.76	3.26	0.73	3.00	2.91	3.06	1.70	3.05	1.61
SUN	0.26	0.06	---	---	0.26	0.06	0.26	0.12	0.08	0.03	0.26	0.13
WAE	---	---	---	---	---	---	3.25	4.61	0.14	0.15	1.69	7.93
YEP	0.09	---	---	---	0.09	---	0.09	0.13	0.09	0.05	0.09	0.05

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 1 - Weekdays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN	WAE	YEP
[0.0, 3.0)	---	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---	---
[5.5, 6.0)	---	---	---	1	---	---
[6.0, 6.5)	---	---	---	3	---	1
[6.5, 7.0)	---	---	---	33	---	---
[7.0, 7.5)	10	---	---	48	---	---
[7.5, 8.0)	23	---	---	17	---	---
[8.0, 8.5)	15	---	---	2	---	---
[8.5, 9.0)	5	---	---	---	---	---
[9.0, 9.5)	2	---	---	---	---	---
[9.5, 10.0)	---	---	---	---	---	---
[10.0, 10.5)	---	---	---	---	---	---
[10.5, 11.0)	---	---	---	---	---	---
[11.0, 11.5)	---	1	---	---	---	---
[11.5, 12.0)	---	---	---	---	---	---
[12.0, 13.0)	---	2	---	---	---	---
[13.0, 14.0)	---	5	---	---	---	---
[14.0, 15.0)	---	4	---	---	---	---
[15.0, 16.0)	---	3	---	---	---	---
[16.0, 17.0)	---	1	---	---	---	---
[17.0, 18.0)	---	1	---	---	---	---
[18.0, 19.0)	---	1	---	---	---	---
[19.0, 20.0)	---	---	---	---	---	---
[20.0, 21.0)	---	---	1	---	1	---
[21.0, 22.0)	---	---	---	---	---	---
[22.0, 23.0)	---	---	1	---	---	---
[23.0, 24.0)	---	---	1	---	---	---
[24.0, 25.0)	---	---	1	---	---	---
[25.0, 26.0)	---	---	---	---	---	---
[26.0, 27.0)	---	---	---	---	---	---
[27.0, 28.0)	---	---	---	---	---	---
[28.0, 29.0)	---	---	1	---	---	---
[29.0, 30.0)	---	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---	---
[40.0, and up)	---	---	---	---	---	---
Total	55	18	5	104	1	1
Min. Length	7.00	11.00	20.25	5.75	20.50	6.00
Max. Length	9.00	18.50	28.50	8.25	20.50	6.00
Mean Length	7.76	14.27	23.70	6.99	20.50	6.00

Current Stratum Combinations:

Seasons 12 - Open-water,  
 Day Types 1 - Weekdays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	BOF	LMB	NOP	WAE
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	---	---	---
[6.5, 7.0)	---	---	---	---
[7.0, 7.5)	---	---	---	---
[7.5, 8.0)	---	---	---	---
[8.0, 8.5)	---	3	---	1
[8.5, 9.0)	---	---	---	---
[9.0, 9.5)	---	1	---	---
[9.5, 10.0)	---	---	---	---
[10.0, 10.5)	---	13	---	---
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	---	---	---
[11.5, 12.0)	---	---	---	---
[12.0, 13.0)	---	7	11	---
[13.0, 14.0)	---	2	2	---
[14.0, 15.0)	---	8	---	---
[15.0, 16.0)	---	21	5	---
[16.0, 17.0)	---	1	7	---
[17.0, 18.0)	---	4	2	---
[18.0, 19.0)	---	3	5	---
[19.0, 20.0)	---	1	7	---
[20.0, 21.0)	1	1	4	---
[21.0, 22.0)	---	---	3	---
[22.0, 23.0)	---	---	2	---
[23.0, 24.0)	---	---	2	---
[24.0, 25.0)	---	---	7	---
[25.0, 26.0)	---	---	3	---
[26.0, 27.0)	---	---	3	---
[27.0, 28.0)	---	---	3	---
[28.0, 29.0)	---	---	4	---
[29.0, 30.0)	---	---	---	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	2	---
[32.0, 33.0)	---	---	1	---
[33.0, 34.0)	---	---	3	---
[34.0, 35.0)	---	---	2	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	4	---
[37.0, 38.0)	---	---	1	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	1	65	83	1
Min. Length	20.00	8.00	12.00	8.00
Max. Length	20.00	20.00	37.00	8.00
Mean Length	20.00	13.70	21.69	8.00

Current Stratum Combinations:  
 Seasons    September, October, April, May, June, July, August,  
             Day Types 2 - Weekends-Holidays,  
             Areas    ME - ME, Medicine Lake, 886 Acres,  
             Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	Angler Hours	SE	AnHr/ Acre	SE	No. Inter
		37026.9	9253.4	41.79	10.44	228

Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.2996	---	0.1892	---	0.4888	---	425.0	83	
LMB	0.0110	0.0052	0.6573	0.1044	0.6682	0.1050	383.5	75	
NOP	0.0821	0.0506	0.1725	0.0380	0.2546	0.0641	254.5	43	
SUN	0.4847	---	1.0372	---	1.5218	---	396.8	82	
WAE	0.0000	---	0.0000	---	0.0000	---	4.0	1	
YEP	0.0311	---	0.3202	---	0.3512	---	92.0	13	

Catch Per Angler-Hour

All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
BLH	0.0122	0.0128	0.0006	0.0004	0.0128	0.0129	1213.8		
BOF	0.0000	0.0000	0.0048	0.0049	0.0048	0.0049	1213.8		
CRP	0.9562	0.4140	0.1675	0.0807	1.1237	0.4730	1213.8		
LMB	0.0075	0.0030	0.1303	0.0408	0.1378	0.0426	1213.8		
NOP	0.0075	0.0036	0.0260	0.0082	0.0336	0.0110	1213.8		
SUN	0.1480	0.0663	0.5767	0.2618	0.7247	0.3155	1213.8		
WAE	0.0002	0.0003	0.0013	0.0009	0.0015	0.0010	1213.8		
YEP	0.0003	0.0003	0.0167	0.0065	0.0170	0.0067	1213.8		
ALL	1.1320	0.4195	0.9239	0.2772	2.0559	0.5705	1213.8		

Medicine summer 2003: weekends-holidays

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BLH	450.4	461.3	0.51	0.52	22.1	14.7	0.02	0.02	472.5	461.5	0.53	0.52
BOF	0.0	0.0	0.00	0.00	179.3	176.1	0.20	0.20	179.3	176.1	0.20	0.20
CRP	35405.1	17842.3	39.96	20.14	6203.2	2442.8	7.00	2.76	41608.3	19618.4	46.96	22.14
LMB	279.0	94.7	0.31	0.11	4823.4	1000.4	5.44	1.13	5102.4	1031.6	5.76	1.16
NOP	278.6	113.9	0.31	0.13	964.1	218.1	1.09	0.25	1242.7	293.8	1.40	0.33
SUN	5480.5	1858.7	6.19	2.10	21352.7	6993.4	24.10	7.89	26833.2	8204.1	30.29	9.26
WAE	9.1	10.6	0.01	0.01	47.0	29.9	0.05	0.03	56.1	31.7	0.06	0.04
YEP	11.1	10.7	0.01	0.01	616.8	236.3	0.70	0.27	627.9	244.1	0.71	0.28
ALL	41913.7	17945.4	47.31	20.25	34208.7	7484.0	38.61	8.45	76122.4	21298.9	85.92	24.04

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
BLH	225.2	235.0	0.25	0.27
CRP	9809.2	4140.8	11.07	4.67
LMB	366.5	140.2	0.41	0.16
NOP	794.6	329.0	0.90	0.37
SUN	1126.8	---	1.27	---
WAE	27.2	31.8	0.03	0.04
YEP	1.9	1.8	0.00	0.00
ALL	12351.3	---	13.94	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	9.70	14.10	11.70	11.87	9.70	9.40
BOF	---	---	---	---	---	---	---	---	23.00	19.25	23.00	19.25
CRP	7.46	3.36	---	---	7.46	3.36	7.74	14.41	6.40	3.17	7.74	12.33
LMB	14.00	---	14.07	3.83	14.06	3.77	11.44	10.11	13.67	6.91	13.47	6.33
NOP	23.43	4.79	19.90	7.09	21.40	4.41	23.43	15.03	19.07	12.10	20.28	10.92
SUN	6.48	2.45	8.75	---	6.71	2.18	6.63	2.74	8.75	3.41	6.75	2.86
WAE	---	---	---	---	---	---	20.00	29.13	22.00	22.56	21.00	26.72
YEP	---	---	---	---	---	---	7.40	10.52	6.00	3.84	6.10	3.97

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	0.50	0.73	0.98	1.00	0.50	0.49
BOF	---	---	---	---	---	---	---	---	3.98	3.35	3.98	3.35
CRP	0.25	0.12	---	---	0.25	0.12	0.29	0.50	0.12	0.06	0.29	0.43
LMB	1.50	---	1.74	0.59	1.73	0.58	0.95	0.71	1.61	0.89	1.55	0.80
NOP	2.99	0.60	2.28	0.98	2.58	0.60	2.99	1.86	1.97	1.40	2.25	1.27
SUN	0.23	0.10	0.52	---	0.26	0.09	0.23	0.09	0.52	0.20	0.25	0.10
WAE	---	---	---	---	---	---	3.00	4.37	3.65	3.74	3.33	5.23
YEP	---	---	---	---	---	---	0.17	0.24	0.09	0.06	0.09	0.06

Current Stratum Combinations:

Seasons 12 - Open-water,  
 Day Types 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	BLH	CRP	LMB	NOP	SUN	WAE
[0.0, 3.0)	---	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	---	---
[6.0, 6.5)	---	2	---	---	10	---
[6.5, 7.0)	---	1	---	---	12	---
[7.0, 7.5)	---	33	---	---	10	---
[7.5, 8.0)	---	39	---	---	---	---
[8.0, 8.5)	---	9	---	---	---	---
[8.5, 9.0)	---	1	1	---	---	---
[9.0, 9.5)	---	14	3	---	---	---
[9.5, 10.0)	3	---	2	---	---	---
[10.0, 10.5)	---	---	---	---	---	---
[10.5, 11.0)	---	---	---	---	---	---
[11.0, 11.5)	---	---	---	---	---	---
[11.5, 12.0)	---	---	1	---	---	---
[12.0, 13.0)	---	---	1	---	---	---
[13.0, 14.0)	---	---	2	---	---	---
[14.0, 15.0)	---	1	3	---	---	---
[15.0, 16.0)	---	---	---	---	---	---
[16.0, 17.0)	---	---	---	---	---	---
[17.0, 18.0)	---	---	---	---	---	---
[18.0, 19.0)	---	---	---	1	---	---
[19.0, 20.0)	---	---	---	1	---	---
[20.0, 21.0)	---	---	---	2	---	1
[21.0, 22.0)	---	---	---	1	---	---
[22.0, 23.0)	---	---	---	3	---	---
[23.0, 24.0)	---	---	---	1	---	---
[24.0, 25.0)	---	---	---	1	---	---
[25.0, 26.0)	---	---	---	3	---	---
[26.0, 27.0)	---	---	---	1	---	---
[27.0, 28.0)	---	---	---	1	---	---
[28.0, 29.0)	---	---	---	2	---	---
[29.0, 30.0)	---	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---	---
[40.0, and up)	---	---	---	---	---	---
Total	3	100	13	17	32	1
Min. Length	9.70	6.00	8.50	18.50	6.00	20.00
Max. Length	9.70	14.00	14.75	28.50	7.25	20.00
Mean Length	9.70	7.74	11.44	23.43	6.63	20.00

Current Stratum Combinations:

Seasons 12 - Open-water,  
 Day Types 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	LMB	NOP	SUN	WAE
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	1	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	---	---	---
[6.5, 7.0)	---	---	---	---
[7.0, 7.5)	---	---	---	---
[7.5, 8.0)	---	---	1	---
[8.0, 8.5)	5	---	---	---
[8.5, 9.0)	---	---	---	---
[9.0, 9.5)	---	---	---	---
[9.5, 10.0)	---	---	---	---
[10.0, 10.5)	29	---	1	---
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	---	---	---
[11.5, 12.0)	---	---	---	---
[12.0, 13.0)	20	6	---	---
[13.0, 14.0)	10	---	---	---
[14.0, 15.0)	16	3	---	---
[15.0, 16.0)	14	2	---	---
[16.0, 17.0)	13	2	---	---
[17.0, 18.0)	6	2	---	---
[18.0, 19.0)	9	11	---	---
[19.0, 20.0)	4	2	---	---
[20.0, 21.0)	2	1	---	---
[21.0, 22.0)	1	5	---	---
[22.0, 23.0)	---	1	---	1
[23.0, 24.0)	1	3	---	---
[24.0, 25.0)	---	2	---	---
[25.0, 26.0)	---	---	---	---
[26.0, 27.0)	---	---	---	---
[27.0, 28.0)	---	---	---	---
[28.0, 29.0)	---	---	---	---
[29.0, 30.0)	---	1	---	---
[30.0, 31.0)	---	1	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	2	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	131	44	2	1
Min. Length	5.00	12.00	7.50	22.00
Max. Length	23.00	33.30	10.00	22.00
Mean Length	13.67	19.07	8.75	22.00

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv								
			12081.2		3632.5		14.31		4.30		1.72		0.36		3.39		---		67

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.6139	0.1657	0.3104	0.1042	0.9243	0.2458	197.8	52	
NOP	0.0000	---	0.3413	---	0.3413	---	10.5	3	
SUN	2.5935	0.6698	1.7986	0.3861	4.3922	0.8019	27.1	10	
WAE	0.0100	---	0.0100	---	0.0199	---	83.5	17	
YEP	0.0000	---	1.0000	---	1.0000	---	12.0	1	

Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.4700	0.2357	0.2332	0.1238	0.7032	0.3571	264.7	
NOP	0.0000	0.0000	0.0139	0.0114	0.0139	0.0114	264.7	
SUN	0.3375	0.2411	0.2198	0.0318	0.5573	0.3689	264.7	
WAE	0.0070	0.0036	0.0139	0.0122	0.0209	0.0096	264.7	
YEP	0.0363	0.0293	0.2771	0.1278	0.3134	0.1436	264.7	
ALL	0.8508	0.3384	0.7579	0.1815	1.6087	0.5334	264.7	



Lake Independence winter 2002-03; weekdays

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	5678.4	2278.2	6.73	2.70	2816.9	1232.6	3.34	1.46	8495.3	3476.8	10.07	4.12
NOP	0.0	0.0	0.00	0.00	168.3	127.7	0.20	0.15	168.3	127.7	0.20	0.15
SUN	4077.1	2642.3	4.83	3.13	2655.5	1433.3	3.15	1.70	6732.7	3971.1	7.98	4.71
WAE	84.2	74.9	0.10	0.09	168.3	126.9	0.20	0.15	252.5	127.2	0.30	0.15
YEP	439.0	326.1	0.52	0.39	3347.5	1150.5	3.97	1.36	3786.6	1282.3	4.49	1.52
ALL	10278.7	3504.8	12.18	4.15	9156.6	2220.3	10.85	2.63	19435.4	5434.6	23.03	6.44

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	2313.2	1329.5	2.74	1.58
SUN	838.5	1520.9	0.99	1.80
WAE	176.7	158.1	0.21	0.19
YEP	52.7	39.4	0.06	0.05
ALL	3381.1	2026.7	4.01	2.40

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	8.59	2.61	6.23	1.39	7.81	2.06	8.59	7.14	6.22	4.65	7.78	6.13
NOP	---	---	11.00	---	11.00	---	---	---	15.00	49.91	15.00	50.51
SUN	6.83	3.25	4.80	1.36	6.43	2.84	6.83	13.99	4.80	6.53	6.43	11.44
WAE	17.50	---	10.00	---	13.75	3.75	17.50	24.04	10.00	10.78	13.75	12.99
YEP	---	---	5.00	---	5.00	---	6.82	8.84	5.53	4.20	5.62	5.57

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.43	0.14	0.18	0.05	0.35	0.10	0.43	0.34	0.18	0.12	0.35	0.26
NOP	---	---	0.26	---	0.26	---	---	---	0.88	4.66	0.88	4.66
SUN	0.21	0.10	0.07	0.02	0.18	0.09	0.21	0.43	0.07	0.10	0.18	0.33
WAE	2.10	---	0.28	---	1.19	0.91	2.10	2.89	0.28	0.30	1.19	1.54
YEP	---	---	0.05	---	0.05	---	0.12	0.16	0.07	0.06	0.08	0.08

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 1 - Weekdays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	SUN	WAE	YEP
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	5	---	---
[6.5, 7.0)	---	20	---	2
[7.0, 7.5)	3	10	---	2
[7.5, 8.0)	15	4	---	---
[8.0, 8.5)	19	2	---	---
[8.5, 9.0)	25	---	---	---
[9.0, 9.5)	33	---	---	---
[9.5, 10.0)	5	---	---	---
[10.0, 10.5)	1	---	---	---
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	---	---	---
[11.5, 12.0)	---	---	---	---
[12.0, 13.0)	---	---	---	---
[13.0, 14.0)	---	---	---	---
[14.0, 15.0)	---	---	---	---
[15.0, 16.0)	---	---	---	---
[16.0, 17.0)	---	---	---	---
[17.0, 18.0)	---	---	1	---
[18.0, 19.0)	---	---	---	---
[19.0, 20.0)	---	---	---	---
[20.0, 21.0)	---	---	---	---
[21.0, 22.0)	---	---	---	---
[22.0, 23.0)	---	---	---	---
[23.0, 24.0)	---	---	---	---
[24.0, 25.0)	---	---	---	---
[25.0, 26.0)	---	---	---	---
[26.0, 27.0)	---	---	---	---
[27.0, 28.0)	---	---	---	---
[28.0, 29.0)	---	---	---	---
[29.0, 30.0)	---	---	---	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	101	41	1	4
Min. Length	7.00	6.00	17.50	6.60
Max. Length	10.00	8.00	17.50	7.10
Mean Length	8.59	6.83	17.50	6.83

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 1 - Weekdays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	NOP	SUN	WAE	YEP
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	6	---	2	---	1
[4.5, 5.0)	3	---	---	---	2
[5.0, 5.5)	8	---	8	---	32
[5.5, 6.0)	---	---	---	---	---
[6.0, 6.5)	3	---	---	---	7
[6.5, 7.0)	4	---	---	---	---
[7.0, 7.5)	18	---	---	---	10
[7.5, 8.0)	8	---	---	---	---
[8.0, 8.5)	2	---	---	---	1
[8.5, 9.0)	---	---	---	---	---
[9.0, 9.5)	---	---	---	---	---
[9.5, 10.0)	---	---	---	---	---
[10.0, 10.5)	---	---	---	1	---
[10.5, 11.0)	---	---	---	---	---
[11.0, 11.5)	---	1	---	---	---
[11.5, 12.0)	---	---	---	---	---
[12.0, 13.0)	---	---	---	---	---
[13.0, 14.0)	---	---	---	---	---
[14.0, 15.0)	---	---	---	---	---
[15.0, 16.0)	---	---	---	---	---
[16.0, 17.0)	---	---	---	---	---
[17.0, 18.0)	---	---	---	---	---
[18.0, 19.0)	---	---	---	---	---
[19.0, 20.0)	---	1	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	---	---	---
[22.0, 23.0)	---	---	---	---	---
[23.0, 24.0)	---	---	---	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	---	---	---
[26.0, 27.0)	---	---	---	---	---
[27.0, 28.0)	---	---	---	---	---
[28.0, 29.0)	---	---	---	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	52	2	10	1	53
Min. Length	4.00	11.00	4.00	10.00	4.00
Max. Length	8.00	19.00	5.00	10.00	8.00
Mean Length	6.22	15.00	4.80	10.00	5.53

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			21075.8	4585.9	24.97	5.43	2.09	---	1.98	---	23

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.2442	---	0.3032	---	0.5473	---	87.7	17	
NOP	0.0000	---	0.0000	---	0.0000	---	6.3	1	
SUN	2.8395	---	3.7037	---	6.5432	---	6.8	4	
WAE	0.0426	0.0408	0.0426	0.0408	0.0851	0.0815	23.5	5	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour  
 -----

All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
CRP	0.1716	---	0.3187	---	0.4902	---	117.5		
NOP	0.0000	0.0000	0.0090	0.0107	0.0090	0.0107	117.5		
SUN	0.0493	---	0.0643	---	0.1137	---	117.5		
WAE	0.0090	0.0092	0.0090	0.0092	0.0179	0.0184	117.5		
YEP	0.0000	---	0.2538	---	0.2538	---	117.5		
ALL	0.2299	---	0.6547	---	0.8846	---	117.5		

Independence winter 2002-03: weekend-holiday

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	3616.4	---	4.28	---	6715.8	---	7.96	---	10332.2	---	12.24	---
NOP	0.0	0.0	0.00	0.00	188.8	180.7	0.22	0.21	188.8	180.7	0.22	0.21
SUN	1039.6	---	1.23	---	1355.9	---	1.61	---	2395.5	---	2.84	---
WAE	188.8	212.2	0.22	0.25	188.8	212.2	0.22	0.25	377.7	424.4	0.45	0.50
YEP	0.0	---	0.00	---	5348.7	---	6.34	---	5348.7	---	6.34	---
ALL	4844.8	---	5.74	---	13798.2	---	16.35	---	18642.9	---	22.09	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	1455.5	---	1.72	---
SUN	208.4	---	0.25	---
WAE	358.8	404.9	0.43	0.48
ALL	2022.7	---	2.40	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	8.45	2.89	6.84	1.97	7.62	2.78	8.45	7.50	6.84	3.32	7.62	6.51
NOP	---	---	---	---	---	---	---	---	11.20	15.95	26.20	37.26
SUN	6.64	---	---	---	6.64	---	6.64	10.60	4.90	7.82	6.64	10.60
WAE	18.00	---	---	---	18.00	---	18.00	27.34	12.70	19.29	18.00	27.34
YEP	---	---	---	---	---	---	---	---	6.50	5.14	6.50	5.14

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.39	0.13	0.22	0.08	0.30	0.10	0.39	0.34	0.22	---	0.30	0.25
NOP	---	---	---	---	---	---	---	---	0.37	0.54	4.33	6.16
SUN	0.20	---	---	---	0.20	---	0.20	0.32	0.10	0.16	0.20	0.32
WAE	1.90	---	---	---	1.90	---	1.90	2.89	0.61	0.93	1.90	2.89
YEP	---	---	---	---	---	---	---	---	0.11	0.09	0.11	0.09

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	SUN	WAE
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	---	---	---
[4.5, 5.0)	---	---	---
[5.0, 5.5)	---	---	---
[5.5, 6.0)	---	2	---
[6.0, 6.5)	---	4	---
[6.5, 7.0)	---	11	---
[7.0, 7.5)	---	5	---
[7.5, 8.0)	2	---	---
[8.0, 8.5)	7	---	---
[8.5, 9.0)	3	---	---
[9.0, 9.5)	1	---	---
[9.5, 10.0)	2	---	---
[10.0, 10.5)	---	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	---	---	---
[12.0, 13.0)	---	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	---	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	1
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	15	22	1
Min. Length	7.50	5.70	18.00
Max. Length	9.60	7.30	18.00
Mean Length	8.45	6.64	18.00

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	YEP
[0.0, 3.0)	---	---
[3.0, 3.5)	---	---
[3.5, 4.0)	---	---
[4.0, 4.5)	---	---
[4.5, 5.0)	---	---
[5.0, 5.5)	---	---
[5.5, 6.0)	---	---
[6.0, 6.5)	---	---
[6.5, 7.0)	9	7
[7.0, 7.5)	3	---
[7.5, 8.0)	4	---
[8.0, 8.5)	---	---
[8.5, 9.0)	---	---
[9.0, 9.5)	---	---
[9.5, 10.0)	---	---
[10.0, 10.5)	---	---
[10.5, 11.0)	---	---
[11.0, 11.5)	---	---
[11.5, 12.0)	---	---
[12.0, 13.0)	---	---
[13.0, 14.0)	---	---
[14.0, 15.0)	---	---
[15.0, 16.0)	---	---
[16.0, 17.0)	---	---
[17.0, 18.0)	---	---
[18.0, 19.0)	---	---
[19.0, 20.0)	---	---
[20.0, 21.0)	---	---
[21.0, 22.0)	---	---
[22.0, 23.0)	---	---
[23.0, 24.0)	---	---
[24.0, 25.0)	---	---
[25.0, 26.0)	---	---
[26.0, 27.0)	---	---
[27.0, 28.0)	---	---
[28.0, 29.0)	---	---
[29.0, 30.0)	---	---
[30.0, 31.0)	---	---
[31.0, 32.0)	---	---
[32.0, 33.0)	---	---
[33.0, 34.0)	---	---
[34.0, 35.0)	---	---
[35.0, 36.0)	---	---
[36.0, 37.0)	---	---
[37.0, 38.0)	---	---
[38.0, 39.0)	---	---
[39.0, 40.0)	---	---
[40.0, and up)	---	---
Total	16	7
Min. Length	6.50	6.50
Max. Length	7.50	6.50
Mean Length	6.84	6.50

Current Stratum Combinations:  
 Seasons 10 - september, 11 - October, 5 - April (ow), 6 - May, 7 - june, july, august,  
 Day Types 1 - Weekdays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv				
			29937.3		4642.5		35.47		5.50		1.98	0.24	3.42	---	216

-----  
 Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.6742	---	1.4887	---	2.1628	---	194.0	43	
LMB	0.0321	0.0189	0.2996	0.1429	0.3317	0.1480	159.5	29	
MUE	0.0000	0.0000	0.0418	0.0168	0.0418	0.0168	328.5	74	
NOP	0.0208	---	0.0759	---	0.0967	---	102.5	25	
SUN	0.5538	0.1080	1.1647	0.3273	1.7186	0.3332	154.3	34	
WAE	0.0957	0.0612	0.0272	0.0232	0.1229	0.0769	180.0	44	
YEP	0.0000	---	0.0149	---	0.0149	---	33.0	9	

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 Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BOF	0.0000	0.0000	0.0024	0.0018	0.0024	0.0018	1022.3	
CAP	0.0000	0.0000	0.0042	0.0039	0.0042	0.0039	1022.3	
CRP	0.3042	0.0661	0.4998	0.1777	0.8040	0.2239	1022.3	
LMB	0.0123	0.0051	0.1451	0.0480	0.1574	0.0498	1022.3	
MUE	0.0000	0.0000	0.0081	0.0035	0.0081	0.0035	1022.3	
NOP	0.0025	0.0014	0.0451	0.0112	0.0476	0.0110	1022.3	
SUN	0.1717	0.0222	0.4664	0.0876	0.6381	0.0761	1022.3	
WAE	0.0170	0.0075	0.0066	0.0034	0.0236	0.0099	1022.3	
YEP	0.0011	0.0011	0.0244	0.0102	0.0256	0.0101	1022.3	
ALL	0.5088	0.0704	1.2022	0.2046	1.7110	0.2424	1022.3	



Independence summer 2003: weekdays

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BOF	0.0	0.0	0.00	0.00	73.2	52.2	0.09	0.06	73.2	52.2	0.09	0.06
CAP	0.0	0.0	0.00	0.00	124.8	115.6	0.15	0.14	124.8	115.6	0.15	0.14
CRP	9106.8	3567.7	10.79	4.23	14962.0	5728.2	17.73	6.79	24068.8	8685.9	28.52	10.29
LMB	368.8	172.6	0.44	0.20	4344.5	1007.1	5.15	1.19	4713.3	1082.9	5.58	1.28
MUE	0.0	0.0	0.00	0.00	241.3	90.2	0.29	0.11	241.3	90.2	0.29	0.11
NOP	75.8	46.1	0.09	0.05	1350.6	439.9	1.60	0.52	1426.4	448.9	1.69	0.53
SUN	5139.5	1900.2	6.09	2.25	13963.5	3922.8	16.54	4.65	19103.0	5348.0	22.63	6.34
WAE	508.7	233.4	0.60	0.28	198.9	107.8	0.24	0.13	707.6	314.4	0.84	0.37
YEP	33.8	35.4	0.04	0.04	731.5	289.3	0.87	0.34	765.3	293.9	0.91	0.35
ALL	15233.4	4053.0	18.05	4.80	35990.2	7037.6	42.64	8.34	51223.6	10277.6	60.69	12.18

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har lbs per Acre	
		SE		SE
CRP	3438.1	2797.2	4.07	3.31
LMB	843.1	439.7	1.00	0.52
NOP	269.7	179.9	0.32	0.21
SUN	1086.8	524.5	1.29	0.62
WAE	935.5	467.0	1.11	0.55
YEP	4.1	4.3	0.00	0.01
ALL	6577.2	2922.9	7.79	3.46

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BOF	---	---	---	---	---	---	---	---	24.00	23.18	24.00	23.18
CAP	---	---	---	---	---	---	---	---	25.60	36.95	25.60	36.95
CRP	8.60	3.14	---	---	8.60	3.14	8.48	8.09	6.20	3.84	8.48	7.04
LMB	16.50	3.30	15.56	3.20	15.69	3.04	14.75	---	13.61	---	13.73	---
MUE	---	---	36.08	6.89	36.08	6.89	---	---	36.08	32.53	36.08	32.58
NOP	24.75	1.75	20.92	7.09	21.62	4.77	24.75	27.92	21.38	15.36	21.53	14.66
SUN	7.24	5.07	---	---	7.24	5.07	7.12	5.93	4.90	2.14	7.12	4.52
WAE	14.99	5.58	21.00	---	15.51	5.09	14.99	16.18	16.75	25.18	15.27	14.01
YEP	---	---	---	---	---	---	6.75	9.74	7.25	3.51	7.00	3.33

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BOF	---	---	---	---	---	---	---	---	4.36	4.23	4.36	4.23
CAP	---	---	---	---	---	---	---	---	8.30	12.02	8.30	12.02
CRP	0.37	0.14	---	---	0.37	0.14	0.35	0.34	0.11	0.07	0.35	0.30
LMB	2.72	0.67	2.27	0.44	2.33	0.43	2.19	---	1.76	0.86	1.80	0.83
MUE	---	---	12.43	3.43	12.43	3.43	---	---	12.43	12.84	12.43	12.84
NOP	3.68	1.08	2.24	1.00	2.50	0.70	3.67	5.45	2.83	1.90	2.87	1.81
SUN	0.26	0.17	---	---	0.26	0.17	0.26	0.21	0.10	0.04	0.26	0.16
WAE	1.27	0.40	3.14	---	1.44	0.37	1.27	1.18	1.90	3.68	1.37	1.10
YEP	---	---	---	---	---	---	0.12	0.17	0.16	0.08	0.14	0.07

Current Stratum Combinations:

Seasons 12 - Open-water,  
 Day Types 1 - Weekdays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN	WAE	YEP
[0.0, 3.0)	---	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---	---
[5.5, 6.0)	---	---	---	2	---	---
[6.0, 6.5)	---	---	---	3	---	---
[6.5, 7.0)	1	---	---	5	---	1
[7.0, 7.5)	4	---	---	19	---	---
[7.5, 8.0)	13	---	---	14	---	---
[8.0, 8.5)	18	---	---	1	---	---
[8.5, 9.0)	22	---	---	---	---	---
[9.0, 9.5)	23	---	---	---	---	---
[9.5, 10.0)	2	---	---	---	---	---
[10.0, 10.5)	---	1	---	---	---	---
[10.5, 11.0)	---	1	---	---	---	---
[11.0, 11.5)	1	---	---	---	---	---
[11.5, 12.0)	---	---	---	---	1	---
[12.0, 13.0)	---	---	---	---	3	---
[13.0, 14.0)	---	---	---	---	3	---
[14.0, 15.0)	---	---	---	---	7	---
[15.0, 16.0)	---	---	---	---	2	---
[16.0, 17.0)	---	3	---	---	1	---
[17.0, 18.0)	---	2	---	---	1	---
[18.0, 19.0)	---	---	---	---	2	---
[19.0, 20.0)	---	---	---	---	---	---
[20.0, 21.0)	---	---	---	---	---	---
[21.0, 22.0)	---	---	---	---	---	---
[22.0, 23.0)	---	---	---	---	---	---
[23.0, 24.0)	---	---	1	---	---	---
[24.0, 25.0)	---	---	---	---	1	---
[25.0, 26.0)	---	---	---	---	---	---
[26.0, 27.0)	---	---	1	---	---	---
[27.0, 28.0)	---	---	---	---	---	---
[28.0, 29.0)	---	---	---	---	---	---
[29.0, 30.0)	---	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---	---
[40.0, and up)	---	---	---	---	---	---
Total	84	7	2	44	21	1
Min. Length	6.75	10.25	23.00	5.50	11.50	6.75
Max. Length	11.25	17.00	26.50	8.00	24.50	6.75
Mean Length	8.48	14.75	24.75	7.12	14.99	6.75

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 1 - Weekdays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish						
Length Category	BOF	LMB	MUE	NOP	WAE	YEP
[0.0, 3.0)	---	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---	---
[4.0, 4.5)	---	1	---	---	---	---
[4.5, 5.0)	---	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	---	---
[6.0, 6.5)	---	8	---	---	---	---
[6.5, 7.0)	---	---	---	---	---	---
[7.0, 7.5)	---	1	---	---	---	1
[7.5, 8.0)	---	---	---	---	---	---
[8.0, 8.5)	---	1	---	---	---	---
[8.5, 9.0)	---	---	---	---	---	---
[9.0, 9.5)	---	---	---	---	---	---
[9.5, 10.0)	---	---	---	---	---	---
[10.0, 10.5)	---	2	---	---	1	---
[10.5, 11.0)	---	---	---	---	---	---
[11.0, 11.5)	---	---	---	---	---	---
[11.5, 12.0)	---	---	---	---	---	---
[12.0, 13.0)	---	9	---	3	---	---
[13.0, 14.0)	---	2	---	---	---	---
[14.0, 15.0)	---	3	---	1	---	---
[15.0, 16.0)	---	11	---	---	1	---
[16.0, 17.0)	---	5	---	5	---	---
[17.0, 18.0)	---	5	---	4	---	---
[18.0, 19.0)	---	7	---	6	---	---
[19.0, 20.0)	---	2	---	2	---	---
[20.0, 21.0)	---	2	---	2	---	---
[21.0, 22.0)	---	---	---	2	2	---
[22.0, 23.0)	---	---	---	3	---	---
[23.0, 24.0)	---	---	---	1	---	---
[24.0, 25.0)	1	---	---	4	---	---
[25.0, 26.0)	---	---	---	1	---	---
[26.0, 27.0)	---	---	---	1	---	---
[27.0, 28.0)	---	---	1	1	---	---
[28.0, 29.0)	---	---	---	3	---	---
[29.0, 30.0)	---	---	2	---	---	---
[30.0, 31.0)	---	---	---	1	---	---
[31.0, 32.0)	---	---	1	---	---	---
[32.0, 33.0)	---	---	1	---	---	---
[33.0, 34.0)	---	---	---	1	---	---
[34.0, 35.0)	---	---	---	2	---	---
[35.0, 36.0)	---	---	1	1	---	---
[36.0, 37.0)	---	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---	---
[38.0, 39.0)	---	---	1	---	---	---
[39.0, 40.0)	---	---	3	---	---	---
[40.0, and up)	---	---	3	---	---	---
Total	1	59	13	44	4	1
Min. Length	24.00	4.00	27.00	12.00	10.00	7.25
Max. Length	24.00	20.50	47.00	35.00	21.00	7.25
Mean Length	24.00	13.61	36.08	21.38	16.75	7.25

Current Stratum Combinations:  
 Seasons september, October, April, May, june, july, august,  
 Day Types 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

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 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv								
			34787.0		4289.2		41.22		5.08		2.29		0.22		3.12		---		350

-----  
 Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CAP	0.0000	---	0.0000	---	0.0000	---	5.3	1	
CRP	0.4237	---	0.7466	---	1.1704	---	411.4	77	
LMB	0.0227	0.0107	0.3142	0.0552	0.3370	0.0580	294.8	51	
MUE	0.0000	0.0000	0.0479	0.0101	0.0479	0.0101	661.8	118	
NOP	0.0288	0.0094	0.2400	0.0856	0.2688	0.0842	165.0	27	
SUN	0.3533	---	2.0924	---	2.4457	---	396.4	59	
WAE	0.0120	---	0.0750	---	0.0870	---	226.3	46	
YEP	0.0000	0.0000	0.0301	0.0265	0.0301	0.0265	32.5	7	

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 Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BOF	0.0000	0.0000	0.0027	0.0012	0.0027	0.0012	2029.2	
CAP	0.0000	0.0000	0.0011	0.0010	0.0011	0.0010	2029.2	
CRP	0.2291	0.0517	0.3997	0.0920	0.6288	0.1370	2029.2	
LMB	0.0122	0.0042	0.1587	0.0443	0.1709	0.0446	2029.2	
MUE	0.0000	0.0000	0.0186	0.0043	0.0186	0.0043	2029.2	
NOP	0.0023	0.0014	0.0355	0.0121	0.0378	0.0129	2029.2	
SUN	0.1842	0.0453	0.4523	0.1131	0.6365	0.1504	2029.2	
WAE	0.0012	0.0004	0.0221	0.0147	0.0232	0.0148	2029.2	
YEP	0.0000	0.0000	0.0301	0.0131	0.0301	0.0131	2029.2	
ALL	0.4290	0.0688	1.1207	0.1542	1.5497	0.2096	2029.2	

Independence summer 2003: weekend-holiday

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BOF	0.0	0.0	0.00	0.00	93.9	42.2	0.11	0.05	93.9	42.2	0.11	0.05
CAP	0.0	0.0	0.00	0.00	36.8	35.6	0.04	0.04	36.8	35.6	0.04	0.04
CRP	7970.1	1728.9	9.44	2.05	13904.4	2876.9	16.47	3.41	21874.5	4353.1	25.92	5.16
LMB	424.7	161.8	0.50	0.19	5519.2	1344.7	6.54	1.59	5943.9	1366.2	7.04	1.62
MUE	0.0	0.0	0.00	0.00	646.7	127.6	0.77	0.15	646.7	127.6	0.77	0.15
NOP	81.0	38.3	0.10	0.05	1235.2	318.0	1.46	0.38	1316.2	328.1	1.56	0.39
SUN	6408.6	1926.5	7.59	2.28	15733.4	4294.9	18.64	5.09	22142.0	5982.3	26.23	7.09
WAE	40.6	14.1	0.05	0.02	767.9	482.8	0.91	0.57	808.5	483.0	0.96	0.57
YEP	0.0	0.0	0.00	0.00	1047.0	388.7	1.24	0.46	1047.0	388.7	1.24	0.46
ALL	14925.0	2593.9	17.68	3.07	38984.5	5388.4	46.19	6.38	53909.4	7557.4	63.87	8.95

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har lbs per Acre	SE
CRP	2568.1	639.1	3.04	0.76
LMB	639.3	237.8	0.76	0.28
NOP	260.0	160.3	0.31	0.19
SUN	1441.8	591.7	1.71	0.70
WAE	35.2	20.4	0.04	0.02
ALL	4944.4	917.2	5.86	1.09

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BOF	---	---	---	---	---	---	---	---	26.20	14.71	26.20	14.71
CAP	---	---	---	---	---	---	---	---	25.60	36.98	25.60	36.98
CRP	8.47	3.17	9.00	---	8.48	3.21	8.36	4.85	8.33	2.82	8.36	3.80
LMB	16.25	---	13.84	3.05	13.89	3.10	10.50	19.51	13.51	5.98	12.92	6.47
MUE	---	---	35.94	6.95	35.94	6.95	---	---	35.30	15.36	35.30	15.40
NOP	23.75	1.48	20.45	6.15	20.91	5.71	24.10	17.08	21.28	10.45	21.51	10.15
SUN	6.85	3.32	---	---	6.85	3.32	6.99	4.51	4.90	1.68	6.99	3.84
WAE	14.10	2.80	13.17	2.46	13.75	3.76	14.10	16.87	12.99	13.43	13.36	11.21
YEP	---	---	---	---	---	---	---	---	6.30	2.90	6.70	3.09

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BOF	---	---	---	---	---	---	---	---	6.27	3.54	6.27	3.54
CAP	---	---	---	---	---	---	---	---	8.30	12.03	8.30	12.03
CRP	0.32	0.12	0.53	---	0.33	0.12	0.32	0.18	0.34	0.25	0.32	0.14
LMB	2.75	---	1.62	0.35	1.65	0.37	0.88	1.14	1.54	0.68	1.41	0.67
MUE	---	---	12.01	2.58	12.01	2.58	---	---	11.70	5.31	11.70	5.31
NOP	2.94	0.77	2.41	0.92	2.48	0.82	3.10	2.89	2.59	1.27	2.63	1.23
SUN	0.26	0.14	---	---	0.26	0.14	0.26	0.17	0.10	0.04	0.26	0.15
WAE	0.87	0.27	0.89	0.51	0.88	0.24	0.87	1.14	0.92	1.05	0.90	0.81
YEP	---	---	---	---	---	---	---	---	0.10	0.05	0.12	0.06

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN	WAE
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	---
[6.0, 6.5)	---	---	---	3	---
[6.5, 7.0)	1	---	---	14	---
[7.0, 7.5)	6	---	---	13	---
[7.5, 8.0)	11	---	---	9	---
[8.0, 8.5)	23	3	---	---	---
[8.5, 9.0)	21	1	---	---	---
[9.0, 9.5)	17	1	---	---	---
[9.5, 10.0)	5	2	---	---	---
[10.0, 10.5)	---	3	---	---	---
[10.5, 11.0)	---	3	---	---	---
[11.0, 11.5)	---	1	---	---	---
[11.5, 12.0)	---	---	---	---	---
[12.0, 13.0)	---	---	---	---	---
[13.0, 14.0)	---	---	---	---	2
[14.0, 15.0)	---	---	---	---	3
[15.0, 16.0)	---	---	---	---	---
[16.0, 17.0)	---	1	---	---	---
[17.0, 18.0)	---	---	---	---	---
[18.0, 19.0)	---	1	---	---	---
[19.0, 20.0)	---	---	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	2	---	---
[22.0, 23.0)	---	---	---	---	---
[23.0, 24.0)	---	---	---	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	2	---	---
[26.0, 27.0)	---	---	---	---	---
[27.0, 28.0)	---	---	1	---	---
[28.0, 29.0)	---	---	---	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	84	16	5	39	5
Min. Length	6.75	8.00	21.00	6.00	13.75
Max. Length	9.75	18.00	27.00	7.75	14.50
Mean Length	8.36	10.50	24.10	6.99	14.10

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	LMB	MUE	NOP	WAE
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	---
[6.0, 6.5)	---	2	---	---	---
[6.5, 7.0)	---	---	---	---	---
[7.0, 7.5)	---	---	---	---	---
[7.5, 8.0)	---	---	---	---	---
[8.0, 8.5)	2	5	---	---	3
[8.5, 9.0)	---	---	---	---	---
[9.0, 9.5)	1	---	---	---	---
[9.5, 10.0)	---	---	---	---	---
[10.0, 10.5)	---	4	---	---	1
[10.5, 11.0)	---	---	---	---	---
[11.0, 11.5)	---	2	---	---	---
[11.5, 12.0)	---	---	---	---	1
[12.0, 13.0)	---	9	1	2	---
[13.0, 14.0)	---	8	---	3	---
[14.0, 15.0)	---	12	---	---	1
[15.0, 16.0)	---	11	---	1	1
[16.0, 17.0)	---	6	---	7	---
[17.0, 18.0)	---	3	---	1	---
[18.0, 19.0)	---	3	---	4	2
[19.0, 20.0)	---	---	---	2	1
[20.0, 21.0)	---	---	3	9	---
[21.0, 22.0)	---	1	---	7	---
[22.0, 23.0)	---	---	---	1	---
[23.0, 24.0)	---	---	---	1	---
[24.0, 25.0)	---	---	---	3	---
[25.0, 26.0)	---	---	---	1	---
[26.0, 27.0)	---	---	---	2	---
[27.0, 28.0)	---	---	---	1	---
[28.0, 29.0)	---	---	1	3	---
[29.0, 30.0)	---	---	---	1	---
[30.0, 31.0)	---	---	1	3	---
[31.0, 32.0)	---	---	2	1	---
[32.0, 33.0)	---	---	---	1	---
[33.0, 34.0)	---	---	1	---	---
[34.0, 35.0)	---	---	3	1	---
[35.0, 36.0)	---	---	6	---	---
[36.0, 37.0)	---	---	4	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	5	---	---
[39.0, 40.0)	---	---	3	---	---
[40.0, and up)	---	---	12	---	---
Total	3	66	42	55	10
Min. Length	8.00	6.00	12.00	12.00	8.00
Max. Length	9.00	21.00	44.00	34.00	19.00
Mean Length	8.33	13.51	35.30	21.28	12.99

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			10373.7	2038.1	18.07	3.55		1.36	0.17	2.38	0.61	62

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	SE	Ang Hrs	No. Intv
CRP	0.8078	0.2064	0.7216	0.1988	1.5294	0.3941		146.6	44
LMB	0.0000	---	0.0000	---	0.0000	---		5.3	1
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		24.1	9
SUN	4.5214	---	1.9705	---	6.4920	---		50.4	18
YEP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.3	2

Catch Per Angler-Hour  
 -----

All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	SE	Ang Hrs	
CRP	0.5381	0.1038	0.3749	0.1156	0.9130	0.2051		195.0	
LMB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		195.0	
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		195.0	
SUN	0.6260	0.2922	0.4453	0.3438	1.0713	0.6110		195.0	
YEP	0.0000	0.0000	0.0259	0.0155	0.0259	0.0155		195.0	
ALL	1.1641	0.3101	0.8461	0.3631	2.0102	0.6446		195.0	



Lk. Sarah winter 2002-03 weekdays

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release	Rel per Acre		Catch	Cat per Acre			
	SE	SE	SE	SE		SE	SE		SE	SE		
CRP	5581.6	1517.1	9.72	2.64	3889.5	1133.4	6.78	1.97	9471.1	2467.5	16.50	4.30
LMB	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
SUN	6494.0	2595.8	11.31	4.52	4619.6	2874.8	8.05	5.01	11113.6	5025.5	19.36	8.76
YEP	0.0	0.0	0.00	0.00	268.6	151.6	0.47	0.26	268.6	151.6	0.47	0.26
ALL	12075.6	3006.6	21.04	5.24	8777.6	3093.9	15.29	5.39	20853.3	5600.6	36.33	9.76

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
	SE	SE	SE	SE
CRP	2490.0	1539.4	4.34	2.68
SUN	1565.4	870.6	2.73	1.52
ALL	4055.4	1768.6	7.07	3.08

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	8.61	1.98	6.78	2.56	7.93	2.30	8.61	4.71	6.78	4.87	7.93	4.54
LMB	---	---	---	---	---	---	---	---	---	---	---	---
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.84	1.99	5.27	1.71	6.30	1.17	6.87	4.99	5.27	5.67	6.34	4.42
YEP	---	---	---	---	---	---	---	---	6.33	5.09	6.33	5.10

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.45	0.11	0.21	0.08	0.36	0.11	0.45	0.25	0.21	0.16	0.36	0.21
LMB	---	---	---	---	---	---	---	---	---	---	---	---
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.23	0.06	0.10	0.03	0.18	0.03	0.23	0.16	0.10	0.11	0.19	0.13
YEP	---	---	---	---	---	---	---	---	0.11	0.09	0.11	0.09

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 1 - Weekdays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	SUN
[0.0, 3.0)	---	---
[3.0, 3.5)	---	---
[3.5, 4.0)	---	---
[4.0, 4.5)	---	---
[4.5, 5.0)	---	---
[5.0, 5.5)	---	---
[5.5, 6.0)	---	---
[6.0, 6.5)	---	10
[6.5, 7.0)	2	44
[7.0, 7.5)	4	41
[7.5, 8.0)	4	2
[8.0, 8.5)	29	4
[8.5, 9.0)	26	---
[9.0, 9.5)	26	---
[9.5, 10.0)	10	---
[10.0, 10.5)	2	---
[10.5, 11.0)	---	---
[11.0, 11.5)	---	---
[11.5, 12.0)	---	---
[12.0, 13.0)	---	---
[13.0, 14.0)	---	---
[14.0, 15.0)	---	---
[15.0, 16.0)	---	---
[16.0, 17.0)	---	---
[17.0, 18.0)	---	---
[18.0, 19.0)	---	---
[19.0, 20.0)	---	---
[20.0, 21.0)	---	---
[21.0, 22.0)	---	---
[22.0, 23.0)	---	---
[23.0, 24.0)	---	---
[24.0, 25.0)	---	---
[25.0, 26.0)	---	---
[26.0, 27.0)	---	---
[27.0, 28.0)	---	---
[28.0, 29.0)	---	---
[29.0, 30.0)	---	---
[30.0, 31.0)	---	---
[31.0, 32.0)	---	---
[32.0, 33.0)	---	---
[33.0, 34.0)	---	---
[34.0, 35.0)	---	---
[35.0, 36.0)	---	---
[36.0, 37.0)	---	---
[37.0, 38.0)	---	---
[38.0, 39.0)	---	---
[39.0, 40.0)	---	---
[40.0, and up)	---	---
Total	103	101
Min. Length	6.80	6.00
Max. Length	10.20	8.10
Mean Length	8.61	6.87

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 1 - Weekdays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	SUN	YEP
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	1	2	---
[4.5, 5.0)	---	3	---
[5.0, 5.5)	---	22	---
[5.5, 6.0)	---	15	---
[6.0, 6.5)	11	8	4
[6.5, 7.0)	12	---	---
[7.0, 7.5)	24	---	2
[7.5, 8.0)	13	---	---
[8.0, 8.5)	---	---	---
[8.5, 9.0)	---	---	---
[9.0, 9.5)	---	---	---
[9.5, 10.0)	---	---	---
[10.0, 10.5)	---	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	---	---	---
[12.0, 13.0)	---	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	---	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	61	50	6
Min. Length	4.00	4.40	6.00
Max. Length	7.50	6.00	7.00
Mean Length	6.78	5.27	6.33

Current Stratum Combinations:  
 Seasons september, October, April, May, june, july, august,  
 Day Types 1 - Weekdays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			13689.6	2209.2	23.85	3.85	2.06	---	3.55	---	123

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.4063	---	0.4974	---	0.9037	---	198.5	45	
LMB	0.0359	---	1.3941	---	1.4300	---	215.5	40	
NOP	0.1483	---	0.1426	---	0.2910	---	42.3	12	
SUN	2.1063	---	4.6444	---	6.7507	---	282.0	60	
YEP	0.0000	---	0.0556	---	0.0556	---	31.3	4	

Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0024	0.0022	0.0024	0.0022	579.0	
BOF	0.0000	0.0000	0.0024	0.0026	0.0024	0.0026	579.0	
CRP	0.1737	---	0.2533	---	0.4271	---	579.0	
LMB	0.0424	0.0235	0.5963	0.1620	0.6387	0.1680	579.0	
NOP	0.0020	0.0024	0.0272	0.0060	0.0291	0.0090	579.0	
SUN	1.1814	---	2.2835	---	3.4650	---	579.0	
YEP	0.0000	0.0000	0.0098	0.0025	0.0098	0.0025	579.0	
ALL	1.3995	---	3.1749	---	4.5744	---	579.0	

Lake Sarah summer 2003: weekdays

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch	Cat per Acre		
	SE	SE	SE	SE	SE	SE	SE	SE		SE	SE	
BLH	0.0	0.0	0.00	0.00	32.2	29.9	0.06	0.05	32.2	29.9	0.06	0.05
BOF	0.0	0.0	0.00	0.00	32.9	34.8	0.06	0.06	32.9	34.8	0.06	0.06
CRP	2378.0	---	4.14	---	3468.2	---	6.04	---	5846.2	---	10.19	---
LMB	580.4	339.4	1.01	0.59	8162.5	1783.9	14.22	3.11	8742.9	1815.7	15.23	3.16
NOP	27.1	22.2	0.05	0.04	371.7	120.4	0.65	0.21	398.8	122.6	0.69	0.21
SUN	16173.5	---	28.18	---	31260.8	---	54.46	---	47434.4	---	82.64	---
YEP	0.0	0.0	0.00	0.00	134.8	41.4	0.23	0.07	134.8	41.4	0.23	0.07
ALL	19159.0	---	33.38	---	43463.1	---	75.72	---	62622.1	---	109.10	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
	SE	SE	SE	SE
CRP	908.8	---	1.58	---
LMB	724.8	---	1.26	---
NOP	91.3	82.1	0.16	0.14
SUN	4648.2	---	8.10	---
ALL	6373.1	---	11.10	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BLH	---	---	---	---	---	---	---	---	13.20	17.99	13.20	17.99
BOF	---	---	---	---	---	---	---	---	23.60	33.95	23.60	33.95
CRP	8.62	3.25	---	---	8.62	3.25	8.67	10.23	6.80	2.89	8.67	8.12
LMB	12.16	8.21	15.05	3.80	14.83	3.59	13.17	15.47	14.97	7.50	14.74	6.74
NOP	23.25	---	21.58	9.58	21.86	8.60	23.25	23.73	23.79	15.55	23.76	14.61
SUN	7.23	1.63	---	---	7.23	1.63	7.18	3.09	4.20	1.31	7.18	2.87
YEP	---	---	---	---	---	---	---	---	6.30	2.78	7.00	3.09

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BLH	---	---	---	---	---	---	---	---	1.33	1.81	1.33	1.81
BOF	---	---	---	---	---	---	---	---	4.59	6.61	4.59	6.61
CRP	0.39	0.14	---	---	0.39	0.14	0.39	0.41	0.17	0.07	0.39	0.32
LMB	1.14	0.67	2.03	0.60	1.97	0.57	1.46	1.54	2.01	1.09	1.94	0.96
NOP	2.50	---	2.69	2.11	2.66	1.68	2.50	2.56	3.62	2.08	3.54	2.02
SUN	0.30	0.07	---	---	0.30	0.07	0.30	0.13	0.08	0.03	0.30	0.12
YEP	---	---	---	---	---	---	---	---	0.11	0.05	0.16	0.07

Current Stratum Combinations:

Seasons 12 - Open-water,  
 Day Types 1 - Weekdays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	---	---	6
[6.5, 7.0)	---	---	---	23
[7.0, 7.5)	1	---	---	87
[7.5, 8.0)	6	---	---	50
[8.0, 8.5)	12	---	---	4
[8.5, 9.0)	15	---	---	---
[9.0, 9.5)	5	1	---	---
[9.5, 10.0)	1	1	---	---
[10.0, 10.5)	1	1	---	---
[10.5, 11.0)	1	1	---	---
[11.0, 11.5)	---	2	---	---
[11.5, 12.0)	---	1	---	---
[12.0, 13.0)	1	4	---	---
[13.0, 14.0)	---	3	---	---
[14.0, 15.0)	1	1	---	---
[15.0, 16.0)	---	2	---	---
[16.0, 17.0)	---	2	---	---
[17.0, 18.0)	---	---	---	---
[18.0, 19.0)	---	2	---	---
[19.0, 20.0)	---	---	---	---
[20.0, 21.0)	---	---	---	---
[21.0, 22.0)	---	---	---	---
[22.0, 23.0)	---	---	---	---
[23.0, 24.0)	---	---	1	---
[24.0, 25.0)	---	---	---	---
[25.0, 26.0)	---	---	---	---
[26.0, 27.0)	---	---	---	---
[27.0, 28.0)	---	---	---	---
[28.0, 29.0)	---	---	---	---
[29.0, 30.0)	---	---	---	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	44	21	1	170
Min. Length	7.25	9.00	23.25	6.00
Max. Length	14.50	18.75	23.25	8.00
Mean Length	8.67	13.17	23.25	7.18

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 1 - Weekdays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	LMB	NOP
[0.0, 3.0)	---	---
[3.0, 3.5)	---	---
[3.5, 4.0)	---	---
[4.0, 4.5)	---	---
[4.5, 5.0)	---	---
[5.0, 5.5)	---	---
[5.5, 6.0)	---	---
[6.0, 6.5)	1	---
[6.5, 7.0)	---	---
[7.0, 7.5)	---	---
[7.5, 8.0)	---	---
[8.0, 8.5)	2	---
[8.5, 9.0)	---	---
[9.0, 9.5)	---	---
[9.5, 10.0)	---	---
[10.0, 10.5)	1	---
[10.5, 11.0)	---	---
[11.0, 11.5)	---	---
[11.5, 12.0)	5	---
[12.0, 13.0)	23	---
[13.0, 14.0)	9	---
[14.0, 15.0)	14	---
[15.0, 16.0)	30	2
[16.0, 17.0)	24	---
[17.0, 18.0)	8	1
[18.0, 19.0)	20	2
[19.0, 20.0)	4	---
[20.0, 21.0)	1	---
[21.0, 22.0)	---	---
[22.0, 23.0)	---	1
[23.0, 24.0)	---	1
[24.0, 25.0)	---	---
[25.0, 26.0)	---	1
[26.0, 27.0)	---	1
[27.0, 28.0)	---	1
[28.0, 29.0)	---	---
[29.0, 30.0)	---	1
[30.0, 31.0)	---	2
[31.0, 32.0)	---	---
[32.0, 33.0)	---	---
[33.0, 34.0)	---	---
[34.0, 35.0)	---	---
[35.0, 36.0)	---	---
[36.0, 37.0)	---	1
[37.0, 38.0)	---	---
[38.0, 39.0)	---	---
[39.0, 40.0)	---	---
[40.0, and up)	---	---
Total	142	14
Min. Length	6.00	15.00
Max. Length	20.00	36.50
Mean Length	14.97	23.79

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			17053.1	2379.7	29.71	4.15	1.93	0.55	3.43	---	67

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.6674	0.1820	0.3279	0.0865	0.9953	0.2258	270.6	53	
LMB	---	0.0000	---	0.0000	---	0.0000	0.0	0	
NOP	0.0000	---	0.0000	---	0.0000	---	25.9	5	
SUN	0.9058	---	1.7858	---	2.6917	---	127.4	22	
YEP	0.0000	---	0.0000	---	0.0000	---	6.4	3	

Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.4864	0.0550	0.2610	0.0711	0.7474	0.0803	338.6	
LMB	0.0113	0.0079	0.0000	0.0000	0.0113	0.0079	338.6	
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	338.6	
SUN	0.3716	0.2614	0.8959	0.8346	1.2675	1.0936	338.6	
YEP	0.0000	0.0000	0.0206	0.0075	0.0206	0.0075	338.6	
ALL	0.8693	0.2673	1.1776	0.8377	2.0469	1.0966	338.6	



Lk. Sarah winter 2002-03 weekends-holidays

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
CRP	8295.1	1884.5	14.45	3.28	4451.1	1610.1	7.75	2.81	12746.1	3032.3	22.21	5.28
LMB	192.9	132.0	0.34	0.23	0.0	0.0	0.00	0.00	192.9	132.0	0.34	0.23
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
SUN	6336.7	4361.2	11.04	7.60	15278.6	13987.8	26.62	24.37	21615.4	18306.4	37.66	31.89
YEP	0.0	0.0	0.00	0.00	352.1	161.0	0.61	0.28	352.1	161.0	0.61	0.28
ALL	14824.6	4752.8	25.83	8.28	20081.8	14081.1	34.99	24.53	34906.5	18557.0	60.81	32.33

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	4096.9	1549.7	7.14	2.70
LMB	405.0	278.9	0.71	0.49
SUN	1497.4	1705.8	2.61	2.97
ALL	5999.4	2321.5	10.45	4.04

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	9.02	2.36	6.59	3.28	8.10	2.60	9.02	5.81	6.55	7.15	8.05	5.38
LMB	---	---	---	---	---	---	14.10	20.86	---	---	14.10	20.87
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.96	2.29	5.19	0.03	6.04	1.51	7.01	7.53	5.20	5.43	6.16	6.58
YEP	---	---	---	---	---	---	---	---	5.37	6.83	5.37	6.83

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.51	0.13	0.20	0.10	0.39	0.12	0.51	0.32	0.20	0.22	0.39	0.25
LMB	---	---	---	---	---	---	2.10	3.11	---	---	2.10	3.11
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.23	0.08	0.10	0.01	0.16	0.04	0.24	0.26	0.10	0.10	0.17	0.19
YEP	---	---	---	---	---	---	---	---	0.06	0.09	0.06	0.09

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	SUN
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	---	---	---
[4.5, 5.0)	---	---	---
[5.0, 5.5)	---	---	---
[5.5, 6.0)	---	---	---
[6.0, 6.5)	---	---	3
[6.5, 7.0)	---	---	36
[7.0, 7.5)	2	---	37
[7.5, 8.0)	1	---	12
[8.0, 8.5)	13	---	1
[8.5, 9.0)	23	---	---
[9.0, 9.5)	24	---	---
[9.5, 10.0)	12	---	---
[10.0, 10.5)	5	---	---
[10.5, 11.0)	3	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	1	---	---
[12.0, 13.0)	1	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	1	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	---	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	85	1	89
Min. Length	7.20	14.10	6.00
Max. Length	12.90	14.10	8.00
Mean Length	9.02	14.10	7.01

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 1 - All Winter Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	SUN	YEP
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	2	---	---
[4.5, 5.0)	---	30	---
[5.0, 5.5)	2	---	1
[5.5, 6.0)	2	36	3
[6.0, 6.5)	4	13	---
[6.5, 7.0)	27	---	---
[7.0, 7.5)	13	---	---
[7.5, 8.0)	---	---	---
[8.0, 8.5)	3	---	---
[8.5, 9.0)	2	---	---
[9.0, 9.5)	---	---	---
[9.5, 10.0)	---	---	---
[10.0, 10.5)	---	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	---	---	---
[12.0, 13.0)	---	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	---	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	55	79	4
Min. Length	4.00	4.50	5.00
Max. Length	8.50	6.00	5.50
Mean Length	6.55	5.20	5.38

Current Stratum Combinations:  
 Seasons september, October, April, 6 - May, 7 - June, 8 - July, August,  
 Day Types 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE	Acre SE	Angler Hours SE	AnHr/ Acre SE	Angl per Inter SE	Avg Trip Len SE	No. Intv				
			14716.5	1588.3	25.64	2.77	2.24	---	4.54	---	225

-----  
 Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.3989	0.0525	0.3399	0.0865	0.7389	0.1151	599.0	89	
LMB	0.1195	0.0226	0.7440	0.0743	0.8635	0.0653	564.8	90	
NOP	0.0487	---	0.1181	---	0.1667	---	193.5	26	
SUN	1.7003	0.1828	3.1067	0.4347	4.8070	0.4905	626.0	92	
YEP	0.0000	---	0.0386	---	0.0386	---	78.5	12	

-----  
 Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0023	0.0017	0.0023	0.0017	1453.0	
BOF	0.0000	0.0000	0.0038	0.0014	0.0038	0.0014	1453.0	
CRP	0.1902	0.0621	0.1776	0.0465	0.3678	0.1000	1453.0	
LMB	0.0638	0.0144	0.4201	0.0614	0.4840	0.0660	1453.0	
NOP	0.0090	0.0034	0.0170	0.0067	0.0260	0.0078	1453.0	
SUN	0.7202	0.1274	1.3533	0.1943	2.0735	0.2982	1453.0	
WAE	0.0000	0.0000	0.0004	0.0004	0.0004	0.0004	1453.0	
YEP	0.0017	0.0018	0.0058	0.0022	0.0075	0.0029	1453.0	
ALL	0.9849	0.1425	1.9803	0.2091	2.9652	0.3215	1453.0	

Lake Sarah summer 2003: weekends-holidays

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	33.1	24.4	0.06	0.04	33.1	24.4	0.06	0.04
BOF	0.0	0.0	0.00	0.00	55.7	21.1	0.10	0.04	55.7	21.1	0.10	0.04
CRP	2799.6	897.0	4.88	1.56	2613.8	816.1	4.55	1.42	5413.4	1587.0	9.43	2.76
LMB	939.3	239.8	1.64	0.42	6182.8	966.3	10.77	1.68	7122.1	1083.7	12.41	1.89
NOP	133.0	46.9	0.23	0.08	249.7	86.4	0.44	0.15	382.7	94.5	0.67	0.16
SUN	10598.5	2173.8	18.46	3.79	19915.6	3958.6	34.70	6.90	30514.1	5850.7	53.16	10.19
WAE	0.0	0.0	0.00	0.00	6.3	6.1	0.01	0.01	6.3	6.1	0.01	0.01
YEP	24.5	26.2	0.04	0.05	85.6	36.5	0.15	0.06	110.1	45.0	0.19	0.08
ALL	14494.9	2364.3	25.25	4.12	29142.6	4156.9	50.77	7.24	43637.5	6159.2	76.02	10.73

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	1227.4	636.2	2.14	1.11
LMB	1969.5	736.4	3.43	1.28
NOP	704.6	468.1	1.23	0.82
SUN	3236.4	843.4	5.64	1.47
YEP	4.4	4.7	0.01	0.01
ALL	7142.3	1370.3	12.44	2.39

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	---	---	13.20	11.62	13.20	11.62
BOF	---	---	---	---	---	---	---	---	26.80	14.77	26.80	14.77
CRP	9.21	2.66	---	---	9.21	2.66	9.19	5.86	6.80	2.68	9.19	5.59
LMB	15.32	3.53	13.84	3.73	14.07	3.20	14.92	6.94	13.67	5.57	13.88	4.95
NOP	27.97	5.50	23.50	8.87	25.74	6.01	26.35	17.19	24.44	16.76	25.23	12.20
SUN	7.13	1.78	---	---	7.13	1.78	7.15	2.25	4.20	1.15	7.15	2.19
WAE	---	---	---	---	---	---	---	---	10.00	13.96	10.00	13.97
YEP	---	---	---	---	---	---	7.40	10.64	6.30	4.16	7.00	4.16

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	1.33	1.17	1.33	1.17
BOF	---	---	---	---	---	---	---	---	7.00	3.87	7.00	3.87
CRP	0.43	0.13	---	---	0.43	0.13	0.43	0.27	0.17	0.07	0.43	0.26
LMB	2.17	0.43	1.62	0.48	1.71	0.41	2.02	0.97	1.57	0.68	1.65	0.62
NOP	5.36	1.26	3.05	1.13	4.20	0.90	4.58	3.09	3.56	2.23	3.98	1.84
SUN	0.29	0.07	---	---	0.29	0.07	0.29	0.09	0.08	0.02	0.29	0.09
WAE	---	---	---	---	---	---	---	---	0.28	0.39	0.28	0.44
YEP	---	---	---	---	---	---	0.18	0.26	0.11	0.07	0.16	0.10

Current Stratum Combinations:

Seasons 12 - Open-water,  
 Day Types 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	---	---	5
[6.5, 7.0)	---	---	---	33
[7.0, 7.5)	1	---	---	60
[7.5, 8.0)	6	---	---	48
[8.0, 8.5)	13	---	---	2
[8.5, 9.0)	13	---	---	2
[9.0, 9.5)	13	1	---	---
[9.5, 10.0)	13	---	---	---
[10.0, 10.5)	7	---	---	---
[10.5, 11.0)	5	1	---	---
[11.0, 11.5)	---	1	---	---
[11.5, 12.0)	2	2	---	---
[12.0, 13.0)	1	10	---	---
[13.0, 14.0)	2	5	---	---
[14.0, 15.0)	---	13	---	---
[15.0, 16.0)	---	3	---	---
[16.0, 17.0)	---	8	---	---
[17.0, 18.0)	---	9	---	---
[18.0, 19.0)	---	3	1	---
[19.0, 20.0)	---	1	---	---
[20.0, 21.0)	---	1	1	---
[21.0, 22.0)	---	1	1	---
[22.0, 23.0)	---	---	---	---
[23.0, 24.0)	---	---	---	---
[24.0, 25.0)	---	---	1	---
[25.0, 26.0)	---	---	---	---
[26.0, 27.0)	---	---	2	---
[27.0, 28.0)	---	---	1	---
[28.0, 29.0)	---	---	1	---
[29.0, 30.0)	---	---	2	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	1	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	1	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	76	59	12	150
Min. Length	7.00	9.25	18.00	6.25
Max. Length	13.50	21.50	34.50	8.50
Mean Length	9.19	14.92	26.35	7.15

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 6 - ALL Open-Wtr Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	BOF	LMB	NOP	WAE
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	1	---	---
[6.5, 7.0)	---	---	---	---
[7.0, 7.5)	---	---	---	---
[7.5, 8.0)	---	---	---	---
[8.0, 8.5)	---	8	---	---
[8.5, 9.0)	---	---	---	---
[9.0, 9.5)	---	2	---	---
[9.5, 10.0)	---	---	---	---
[10.0, 10.5)	---	19	---	1
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	3	---	---
[11.5, 12.0)	---	7	---	---
[12.0, 13.0)	---	79	---	---
[13.0, 14.0)	---	25	---	---
[14.0, 15.0)	---	31	---	---
[15.0, 16.0)	---	48	---	---
[16.0, 17.0)	---	22	---	---
[17.0, 18.0)	---	21	---	---
[18.0, 19.0)	---	17	2	---
[19.0, 20.0)	---	---	1	---
[20.0, 21.0)	---	1	1	---
[21.0, 22.0)	---	---	---	---
[22.0, 23.0)	---	---	---	---
[23.0, 24.0)	---	---	2	---
[24.0, 25.0)	---	---	3	---
[25.0, 26.0)	---	---	3	---
[26.0, 27.0)	1	---	1	---
[27.0, 28.0)	---	---	1	---
[28.0, 29.0)	---	---	1	---
[29.0, 30.0)	---	---	1	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	1	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	1	284	17	1
Min. Length	26.80	6.00	18.00	10.00
Max. Length	26.80	20.00	36.00	10.00
Mean Length	26.80	13.67	24.44	10.00

## Appendix D. Strata values by angler type (Fish-house, open-ice, spearer, boat, shore-based)

Current Stratum Combinations:

Seasons 2 - Dec-January, 3 - February, 4 - March,  
Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
Areas ME - ME, Medicine Lake, 886 Acres,  
Angler Types 2 - Fish-House Anglers / Boat Cnt,

-----  
Effort and Effort per Acre  
-----

Boat	BtHr/ Hours	SE	Acres	SE	Angler Hours	SE	AnHr/ Acres	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
					21755.2	---	24.55	---	1.58	0.19	2.47	---	75

-----  
Catch Per Angler-Hour  
-----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.5327	---	0.1590	---	0.6917	---	192.0	53	
NOP	0.1555	0.0618	0.4704	0.2679	0.6259	0.2302	65.9	18	
SUN	1.4675	---	2.4772	---	3.9447	---	40.2	17	
YEP	0.4186	---	1.1252	---	1.5438	---	14.4	5	

-----  
Catch Per Angler-Hour  
-----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.4977	---	0.1694	---	0.6671	---	259.8	
NOP	0.0335	---	0.0936	---	0.1271	---	259.8	
SUN	0.2606	---	0.2762	---	0.5368	---	259.8	
YEP	0.0369	---	0.1241	---	0.1610	---	259.8	
ALL	0.8287	---	0.6632	---	1.4919	---	259.8	



Medicine Winter 2002-03, Fish house results

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch	Cat per Acre		
	SE	SE	SE	SE	SE	SE	SE	SE		SE	SE	
CRP	10827.2	---	12.22	---	3684.8	---	4.16	---	14512.0	---	16.38	---
NOP	728.9	---	0.82	---	2036.4	---	2.30	---	2765.3	---	3.12	---
SUN	5669.4	---	6.40	---	6008.4	---	6.78	---	11677.8	---	13.18	---
YEP	802.5	504.8	0.91	0.57	2699.6	1273.1	3.05	1.44	3502.1	1494.2	3.95	1.69
ALL	18028.1	---	20.35	---	14429.1	---	16.29	---	32457.2	---	36.63	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
	SE	SE	SE	SE
CRP	3994.6	---	4.51	---
NOP	3506.0	---	3.96	---
SUN	1270.6	---	1.43	---
YEP	101.7	81.1	0.11	0.09
ALL	8872.9	---	10.01	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	7.93	2.33	6.48	---	7.78	2.34	7.97	---	6.80	---	7.79	---
NOP	25.31	---	20.44	---	23.60	---	25.77	---	18.89	---	22.41	---
SUN	6.91	---	5.18	---	6.11	---	6.88	---	5.18	---	6.23	---
YEP	6.50	---	5.78	---	6.22	---	6.70	6.72	5.78	6.12	6.10	5.94

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.37	0.12	0.19	---	0.35	0.12	0.37	---	0.23	---	0.35	---
NOP	4.64	---	1.96	---	3.58	---	4.81	---	1.53	---	3.29	---
SUN	0.23	---	0.09	---	0.17	---	0.22	---	0.09	---	0.18	---
YEP	0.12	---	0.08	---	0.10	---	0.13	0.13	0.09	0.10	0.10	0.11

Current Stratum Combinations:

Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 2 - Fish-House Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	NOP	SUN	YEP
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	1	---
[6.0, 6.5)	1	---	2	2
[6.5, 7.0)	6	---	16	5
[7.0, 7.5)	18	---	13	2
[7.5, 8.0)	35	---	5	1
[8.0, 8.5)	23	---	---	1
[8.5, 9.0)	9	---	---	---
[9.0, 9.5)	1	---	---	---
[9.5, 10.0)	1	---	---	---
[10.0, 10.5)	---	---	---	---
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	---	---	---
[11.5, 12.0)	---	---	---	---
[12.0, 13.0)	---	---	---	---
[13.0, 14.0)	2	---	---	---
[14.0, 15.0)	---	---	---	---
[15.0, 16.0)	---	---	---	---
[16.0, 17.0)	---	---	---	---
[17.0, 18.0)	---	---	---	---
[18.0, 19.0)	---	---	---	---
[19.0, 20.0)	---	---	---	---
[20.0, 21.0)	---	---	---	---
[21.0, 22.0)	---	1	---	---
[22.0, 23.0)	---	---	---	---
[23.0, 24.0)	---	1	---	---
[24.0, 25.0)	---	---	---	---
[25.0, 26.0)	---	2	---	---
[26.0, 27.0)	---	---	---	---
[27.0, 28.0)	---	---	---	---
[28.0, 29.0)	---	---	---	---
[29.0, 30.0)	---	---	---	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	1	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	96	5	37	11
Min. Length	6.00	21.20	5.90	6.00
Max. Length	13.25	33.00	7.60	8.00
Mean Length	7.89	25.49	6.96	6.84

Current Stratum Combinations:

Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 2 - Fish-House Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	NOP	SUN	YEP
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	1	---	1	---
[4.5, 5.0)	---	---	4	4
[5.0, 5.5)	3	---	13	4
[5.5, 6.0)	---	---	16	2
[6.0, 6.5)	11	---	9	16
[6.5, 7.0)	---	---	---	---
[7.0, 7.5)	5	---	1	15
[7.5, 8.0)	---	---	---	---
[8.0, 8.5)	4	---	---	1
[8.5, 9.0)	---	---	---	---
[9.0, 9.5)	---	---	---	---
[9.5, 10.0)	---	---	---	---
[10.0, 10.5)	---	---	---	---
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	---	---	---
[11.5, 12.0)	---	---	---	---
[12.0, 13.0)	---	---	---	---
[13.0, 14.0)	---	---	---	---
[14.0, 15.0)	---	---	---	---
[15.0, 16.0)	---	---	---	---
[16.0, 17.0)	---	---	---	---
[17.0, 18.0)	---	---	---	---
[18.0, 19.0)	---	3	---	---
[19.0, 20.0)	---	---	---	---
[20.0, 21.0)	---	1	---	---
[21.0, 22.0)	---	---	---	---
[22.0, 23.0)	---	2	---	---
[23.0, 24.0)	---	---	---	---
[24.0, 25.0)	---	1	---	---
[25.0, 26.0)	---	---	---	---
[26.0, 27.0)	---	---	---	---
[27.0, 28.0)	---	---	---	---
[28.0, 29.0)	---	---	---	---
[29.0, 30.0)	---	---	---	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	24	7	44	42
Min. Length	4.00	18.00	4.20	4.50
Max. Length	8.00	24.00	7.00	8.00
Mean Length	6.33	20.40	5.37	6.14

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

Effort and Effort per Acre

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			11335.8	---	12.79	---	1.49	0.21	2.85	---	53

Catch Per Angler-Hour

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	2.4488	---	0.4016	---	2.8504	---	63.2	24	
LMB	0.3636	---	0.0000	---	0.3636	---	5.5	2	
NOP	0.1778	0.0627	0.1727	0.0741	0.3505	0.1142	88.5	20	
SUN	1.7335	---	2.5043	---	4.2378	---	39.6	13	
YEP	2.0761	---	1.1164	---	3.1925	---	7.1	4	

Catch Per Angler-Hour

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0135	0.0132	0.0135	0.0132	173.2	
CRP	0.7243	---	0.1380	---	0.8623	---	173.2	
LMB	0.0023	---	0.0135	---	0.0157	---	173.2	
NOP	0.0530	---	0.0663	---	0.1193	---	173.2	
SUN	0.6591	---	0.6245	---	1.2837	---	173.2	
YEP	0.0430	---	0.1638	---	0.2068	---	173.2	
ALL	1.4817	---	1.0196	---	2.5012	---	173.2	

Seasons 2 - Dec-January, 3 - February, 4 - March, Day Types- Weekdays, Weekends-Holidays,  
 ME, Medicine Lake, 886 Acres Angler Types 3 - Open-Ice Anglers / Angler Cnt,

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BLH	0.0	0.0	0.00	0.00	152.7	148.6	0.17	0.17	152.7	148.6	0.17	0.17
CRP	8210.4	---	9.27	---	1564.0	---	1.77	---	9774.4	---	11.03	---
LMB	25.6	32.5	0.03	0.04	152.7	161.4	0.17	0.18	178.3	164.7	0.20	0.19
NOP	601.2	345.5	0.68	0.39	751.4	363.6	0.85	0.41	1352.6	647.0	1.53	0.73
SUN	7471.5	---	8.43	---	7079.7	---	7.99	---	14551.2	---	16.42	---
YEP	487.1	411.1	0.55	0.46	1857.1	1055.7	2.10	1.19	2344.3	1248.7	2.65	1.41
ALL	16795.9	---	18.96	---	11557.6	---	13.04	---	28353.5	---	32.00	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har lb per Acre	
		SE		SE
CRP	3423.0	---	3.86	---
LMB	63.3	80.6	0.07	0.09
NOP	2111.5	1742.5	2.38	1.97
SUN	1798.3	---	2.03	---
YEP	59.4	49.6	0.07	0.06
ALL	7455.6	---	8.41	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvLn		AvLn		AvLn		AvLn		AvLn		AvLn	
BLH	---	---	---	---	---	---	---	---	11.70	16.10	11.70	16.10
CRP	8.13	---	5.56	---	7.47	---	8.30	---	5.43	---	7.69	---
LMB	15.75	---	---	---	15.75	---	15.75	28.32	4.00	6.02	5.69	7.01
NOP	23.70	---	20.46	---	22.50	8.45	23.58	23.66	21.25	17.99	22.29	21.00
SUN	7.13	---	5.45	---	6.20	---	6.95	---	5.10	---	6.38	---
YEP	6.73	---	---	---	6.73	---	6.53	7.72	5.09	4.01	6.14	5.66

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvWt		AvWt		AvWt		AvWt		AvWt		AvWt	
BLH	---	---	---	---	---	---	---	---	0.98	1.35	0.98	1.35
CRP	0.39	---	0.13	---	0.33	---	0.42	---	0.11	---	0.35	---
LMB	2.48	---	---	---	2.48	---	2.47	4.45	0.03	0.08	0.38	0.59
NOP	3.67	---	2.88	---	3.52	1.39	3.51	3.53	3.26	3.17	3.37	3.22
SUN	0.29	---	0.11	---	0.18	---	0.24	---	0.09	---	0.19	---
YEP	0.13	---	---	---	0.13	---	0.12	0.14	0.06	0.05	0.10	0.12

Current Stratum Combinations:

Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN	YEP
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	1
[5.0, 5.5)	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	1
[6.0, 6.5)	---	---	---	15	3
[6.5, 7.0)	---	---	---	28	1
[7.0, 7.5)	11	---	---	14	1
[7.5, 8.0)	13	---	---	1	1
[8.0, 8.5)	8	---	---	1	1
[8.5, 9.0)	1	---	---	---	---
[9.0, 9.5)	1	---	---	---	---
[9.5, 10.0)	---	---	---	---	---
[10.0, 10.5)	---	---	---	---	---
[10.5, 11.0)	1	---	---	---	---
[11.0, 11.5)	1	---	---	---	---
[11.5, 12.0)	1	---	---	---	---
[12.0, 13.0)	---	---	---	---	---
[13.0, 14.0)	---	---	---	---	---
[14.0, 15.0)	---	1	---	---	---
[15.0, 16.0)	---	---	---	---	---
[16.0, 17.0)	---	---	---	---	---
[17.0, 18.0)	---	1	---	---	---
[18.0, 19.0)	---	---	---	---	---
[19.0, 20.0)	---	---	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	2	---	---
[22.0, 23.0)	---	---	2	---	---
[23.0, 24.0)	---	---	1	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	3	---	---
[26.0, 27.0)	---	---	---	---	---
[27.0, 28.0)	---	---	2	---	---
[28.0, 29.0)	---	---	1	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	37	2	11	59	9
Min. Length	7.00	14.00	21.00	6.00	4.80
Max. Length	11.70	17.50	28.00	8.00	8.10
Mean Length	8.02	15.75	24.25	6.72	6.53

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	LMB	NOP	SUN	YEP
[0.0, 3.0)	1	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	1	1	---	---	4
[4.5, 5.0)	---	---	---	---	---
[5.0, 5.5)	5	---	---	4	5
[5.5, 6.0)	2	---	---	3	---
[6.0, 6.5)	1	---	---	3	1
[6.5, 7.0)	---	---	---	---	---
[7.0, 7.5)	2	---	---	---	---
[7.5, 8.0)	---	---	---	---	---
[8.0, 8.5)	---	---	---	---	---
[8.5, 9.0)	---	---	---	---	---
[9.0, 9.5)	---	---	1	---	---
[9.5, 10.0)	---	---	---	---	---
[10.0, 10.5)	---	---	---	---	---
[10.5, 11.0)	---	---	---	---	---
[11.0, 11.5)	---	---	---	---	---
[11.5, 12.0)	---	---	---	---	---
[12.0, 13.0)	---	---	---	---	---
[13.0, 14.0)	---	---	---	---	---
[14.0, 15.0)	---	---	---	---	---
[15.0, 16.0)	---	---	2	---	---
[16.0, 17.0)	---	---	---	---	---
[17.0, 18.0)	---	---	1	---	---
[18.0, 19.0)	---	---	---	---	---
[19.0, 20.0)	---	---	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	---	---	---
[22.0, 23.0)	---	---	2	---	---
[23.0, 24.0)	---	---	---	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	---	---	---
[26.0, 27.0)	---	---	---	---	---
[27.0, 28.0)	---	---	---	---	---
[28.0, 29.0)	---	---	1	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	1	---	---
[32.0, 33.0)	---	---	1	---	---
[33.0, 34.0)	---	---	1	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	12	1	10	10	10
Min. Length	2.00	4.00	9.00	5.00	4.00
Max. Length	7.00	4.00	33.00	6.00	6.00
Mean Length	5.17	4.00	22.45	5.45	4.70

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 4 - Spearers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			457.1	---	0.52	---	1.32	---	---	---	5

-----  
 Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
NOP	0.3940	---	0.0000	---	0.3940	---	11.4	5	

-----  
 Catch Per Angler-Hour  
 -----

All Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs		
NOP	0.4964	---	0.0000	---	0.4964	---	11.4		
ALL	0.4964	---	0.0000	---	0.4964	---	11.4		

-----  
 Total Catch Numbers and Numbers per Acre  
 -----

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
NOP	226.9	---	0.26	---	0.0	---	0.00	---	226.9	---	0.26	---
ALL	226.9	---	0.26	---	0.0	---	0.00	---	226.9	---	0.26	---



Total Catch Pounds and Pounds per Acre

Spp	Harvest	SE	Har Lbs	SE
	Lbs		per Acre	
NOP	1269.1	---	1.43	---
ALL	1269.1	---	1.43	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvLn		AvLn		AvLn		AvLn		AvLn		AvLn	
NOP	27.45	8.18	---	---	27.45	8.18	27.45	---	---	---	27.45	---

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvWt		AvWt		AvWt		AvWt		AvWt		AvWt	
NOP	5.59	1.91	---	---	5.59	1.91	5.59	---	---	---	5.59	---

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 4 - Spearers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish (no "released" fish with this method)

Length Category	NOP
[0.0, 3.0)	---
[3.0, 3.5)	---
[3.5, 4.0)	---
[4.0, 4.5)	---
[4.5, 5.0)	---
[5.0, 5.5)	---
[5.5, 6.0)	---
[6.0, 6.5)	---
[6.5, 7.0)	---
[7.0, 7.5)	---
[7.5, 8.0)	---
[8.0, 8.5)	---
[8.5, 9.0)	---
[9.0, 9.5)	---
[9.5, 10.0)	---
[10.0, 10.5)	---
[10.5, 11.0)	---
[11.0, 11.5)	---
[11.5, 12.0)	---
[12.0, 13.0)	---
[13.0, 14.0)	---
[14.0, 15.0)	---
[15.0, 16.0)	---
[16.0, 17.0)	---
[17.0, 18.0)	---
[18.0, 19.0)	---
[19.0, 20.0)	---
[20.0, 21.0)	---
[21.0, 22.0)	---
[22.0, 23.0)	1
[23.0, 24.0)	---
[24.0, 25.0)	---
[25.0, 26.0)	---
[26.0, 27.0)	1
[27.0, 28.0)	---
[28.0, 29.0)	---
[29.0, 30.0)	1
[30.0, 31.0)	---
[31.0, 32.0)	---
[32.0, 33.0)	1
[33.0, 34.0)	---
[34.0, 35.0)	---
[35.0, 36.0)	---
[36.0, 37.0)	---
[37.0, 38.0)	---
[38.0, 39.0)	---
[39.0, 40.0)	---
[40.0, and up)	---
Total	4
Min. Length	22.20
Max. Length	32.00
Mean Length	27.45

Current Stratum Combinations:  
 Seasons september, October, April (ow), May, june, july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

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Effort and Effort per Acre

Boat	BtHr/ Hours	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	No. Intv
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	
			11739.8	2968.5	13.25	3.35	2.14	---	2.54	---	78	

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Catch Per Angler-Hour

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Targeting Anglers

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv
CRP	0.4734	---	0.1100	---	0.5835	---	150.3	40
LMB	0.3263	---	1.2120	---	1.5383	---	9.5	5
NOP	0.0397	---	0.0000	---	0.0397	---	7.5	5
SUN	1.1569	---	1.1963	---	2.3532	---	106.0	35
YEP	0.0000	---	0.0000	---	0.0000	---	8.0	1

Catch Per Angler-Hour

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All Anglers

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs
BLH	0.0115	0.0113	0.0053	0.0048	0.0168	0.0127	329.3
BOF	0.0000	0.0000	0.0128	0.0078	0.0128	0.0078	329.3
CRP	0.9685	0.4013	0.1720	0.0789	1.1405	0.4602	329.3
LMB	0.0138	0.0148	0.0822	0.0571	0.0960	0.0711	329.3
NOP	0.0026	0.0031	0.0036	0.0027	0.0062	0.0039	329.3
SUN	0.3761	---	0.5410	---	0.9170	---	329.3
WAE	0.0000	0.0000	0.0016	0.0025	0.0016	0.0025	329.3
YEP	0.0000	0.0000	0.0127	0.0076	0.0127	0.0076	329.3
ALL	1.3724	---	0.8312	---	2.2036	---	329.3

Seasons september, October, April, May, june, july, august Day Types: Weekdays, Weekends-  
 Holidays, Medicine Lake, 886 Acres Angler Type- Shore+Pier Anglers / Angler Cnt,

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BLH	135.1	128.8	0.15	0.15	61.9	52.0	0.07	0.06	196.9	138.9	0.22	0.16
BOF	0.0	0.0	0.00	0.00	150.1	76.1	0.17	0.09	150.1	76.1	0.17	0.09
CRP	11369.8	5397.9	12.83	6.09	2019.6	748.0	2.28	0.84	13389.4	5947.8	15.11	6.71
LMB	162.2	163.4	0.18	0.18	965.1	594.4	1.09	0.67	1127.3	747.7	1.27	0.84
NOP	30.2	39.3	0.03	0.04	42.2	30.2	0.05	0.03	72.5	49.6	0.08	0.06
SUN	4414.7	---	4.98	---	6351.0	---	7.17	---	10765.8	---	12.15	---
WAE	0.0	0.0	0.00	0.00	18.2	29.0	0.02	0.03	18.2	29.0	0.02	0.03
YEP	0.0	0.0	0.00	0.00	149.4	80.3	0.17	0.09	149.4	80.3	0.17	0.09
ALL	16112.0	---	18.19	---	9757.5	---	11.01	---	25869.5	---	29.20	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		har lb per Acre	
		SE		SE
BLH	67.5	65.8	0.08	0.07
CRP	3153.0	1386.3	3.56	1.56
LMB	275.9	673.9	0.31	0.76
NOP	68.0	88.6	0.08	0.10
SUN	1048.6	---	1.18	---
ALL	4613.1	---	5.21	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BLH	---	---	---	---	---	---	9.70	13.08	11.70	13.91	10.33	10.14
BOF	---	---	---	---	---	---	---	---	22.59	16.21	22.59	16.21
CRP	7.27	---	---	---	7.27	---	7.72	4.84	6.40	3.35	7.69	4.69
LMB	15.38	10.41	---	---	15.38	10.41	14.98	39.54	8.54	7.21	14.84	27.55
NOP	22.00	---	---	---	22.00	---	22.00	40.45	24.00	24.25	23.17	22.21
SUN	6.82	---	---	---	6.82	---	7.01	---	5.00	---	6.81	---
WAE	---	---	---	---	---	---	---	---	12.70	28.63	20.10	45.32
YEP	---	---	---	---	---	---	---	---	6.00	4.56	6.10	4.64

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BLH	---	---	---	---	---	---	0.50	0.68	0.98	1.17	0.65	0.62
BOF	---	---	---	---	---	---	---	---	3.80	2.74	3.80	2.74
CRP	0.24	---	---	---	0.24	---	0.28	0.18	0.12	0.06	0.27	0.17
LMB	1.89	1.04	---	---	1.89	1.04	1.70	4.44	0.44	0.35	1.84	3.11
NOP	2.25	---	---	---	2.25	---	2.25	4.14	3.18	3.21	2.79	2.63
SUN	0.22	---	---	---	0.22	---	0.24	---	0.08	---	0.22	---
WAE	---	---	---	---	---	---	---	---	0.61	1.38	3.40	7.67
YEP	---	---	---	---	---	---	---	---	0.09	0.07	0.09	0.07

Current Stratum Combinations:

Seasons september, October, April (ow), May, june, july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	BLH	CRP	LMB	NOP	SUN
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	1
[6.0, 6.5)	---	2	---	---	6
[6.5, 7.0)	---	1	---	---	5
[7.0, 7.5)	---	29	---	---	10
[7.5, 8.0)	---	42	---	---	7
[8.0, 8.5)	---	11	---	---	1
[8.5, 9.0)	---	---	---	---	---
[9.0, 9.5)	---	12	---	---	---
[9.5, 10.0)	3	---	---	---	---
[10.0, 10.5)	---	---	---	---	---
[10.5, 11.0)	---	---	---	---	---
[11.0, 11.5)	---	---	---	---	---
[11.5, 12.0)	---	---	---	---	---
[12.0, 13.0)	---	---	1	---	---
[13.0, 14.0)	---	---	3	---	---
[14.0, 15.0)	---	---	---	---	---
[15.0, 16.0)	---	---	2	---	---
[16.0, 17.0)	---	---	1	---	---
[17.0, 18.0)	---	---	1	---	---
[18.0, 19.0)	---	---	1	---	---
[19.0, 20.0)	---	---	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	---	---	---
[22.0, 23.0)	---	---	---	1	---
[23.0, 24.0)	---	---	---	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	---	---	---
[26.0, 27.0)	---	---	---	---	---
[27.0, 28.0)	---	---	---	---	---
[28.0, 29.0)	---	---	---	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	3	97	9	1	30
Min. Length	9.70	6.00	12.00	22.00	5.75
Max. Length	9.70	9.10	18.50	22.00	8.00
Mean Length	9.70	7.67	14.96	22.00	6.93

Current Stratum Combinations:  
 Seasons- september, October, April (ow), May, june, july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	BOF	LMB	NOP
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	---	---	---
[4.5, 5.0)	---	---	---
[5.0, 5.5)	---	---	---
[5.5, 6.0)	---	---	---
[6.0, 6.5)	---	---	---
[6.5, 7.0)	---	---	---
[7.0, 7.5)	---	---	---
[7.5, 8.0)	---	---	---
[8.0, 8.5)	---	---	---
[8.5, 9.0)	---	---	---
[9.0, 9.5)	---	---	---
[9.5, 10.0)	---	---	---
[10.0, 10.5)	---	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	---	---	---
[12.0, 13.0)	---	2	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	1	---
[16.0, 17.0)	---	1	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	1	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	1
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	1	4	1
Min. Length	20.00	12.00	24.00
Max. Length	20.00	16.00	24.00
Mean Length	20.00	13.75	24.00

Current Stratum Combinations:  
 Seasons - september, October, April (ow), May, june, july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv				
			24706.4		2307.7		27.89		2.60		1.90	0.17	3.08	---	317

Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.3564	---	0.2838	---	0.6402	---	464.5	94	
LMB	0.2093	---	0.5903	---	0.7997	---	548.3	116	
NOP	0.0386	---	0.2938	---	0.3324	---	465.3	86	
SUN	1.2146	---	1.8608	---	3.0754	---	517.0	105	
WAE	0.0000	---	0.0000	---	0.0000	---	4.0	1	
YEP	0.0575	---	0.0984	---	0.1559	---	101.8	17	

Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0025	0.0018	0.0025	0.0018	1552.0	
BOF	0.0000	0.0000	0.0010	0.0007	0.0010	0.0007	1552.0	
CRP	0.1349	0.0626	0.1203	0.0332	0.2553	0.0829	1552.0	
LMB	0.0176	0.0070	0.2485	0.0446	0.2660	0.0463	1552.0	
NOP	0.0112	0.0032	0.1152	0.0239	0.1264	0.0241	1552.0	
SUN	0.3294	0.0729	0.8709	0.1346	1.2004	0.1860	1552.0	
WAE	0.0014	0.0008	0.0024	0.0017	0.0038	0.0018	1552.0	
YEP	0.0011	0.0008	0.0376	0.0115	0.0386	0.0118	1552.0	
ALL	0.4955	0.0964	1.3984	0.1481	1.8940	0.2106	1552.0	

september, October, April, May, june, july, august Day Types- Weekdays, 2- Weekends-Holidays  
 Medicine Lake, 886 Acres Angler Type- Boat Anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	61.4	43.0	0.07	0.05	61.4	43.0	0.07	0.05
BOF	0.0	0.0	0.00	0.00	24.8	17.2	0.03	0.02	24.8	17.2	0.03	0.02
CRP	3333.1	1525.7	3.76	1.72	2973.3	844.8	3.36	0.95	6306.4	2037.5	7.12	2.30
LMB	434.6	162.5	0.49	0.18	6138.3	1057.4	6.93	1.19	6572.9	1072.3	7.42	1.21
NOP	275.5	84.1	0.31	0.09	2847.2	580.1	3.21	0.65	3122.7	593.1	3.52	0.67
SUN	8139.3	1758.6	9.19	1.98	21518.0	3663.6	24.29	4.13	29657.3	4880.3	33.47	5.51
WAE	34.0	25.8	0.04	0.03	59.0	35.3	0.07	0.04	93.0	41.3	0.10	0.05
YEP	26.4	20.1	0.03	0.02	927.8	276.5	1.05	0.31	954.2	283.6	1.08	0.32
ALL	12242.8	2335.6	13.82	2.64	34549.9	3958.5	39.00	4.47	46792.7	5436.4	52.81	6.14

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har lbs per Acre	SE
CRP	935.1	428.4	1.06	0.48
NOP	865.3	---	0.98	---
SUN	1959.4	---	2.21	---
WAE	108.3	83.1	0.12	0.09
YEP	3.1	2.2	0.00	0.00
ALL	4490.8	---	5.07	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	---	---	11.70	11.59	11.70	11.59
BOF	---	---	---	---	---	---	---	---	23.00	22.53	23.00	22.53
CRP	8.01	---	---	---	8.01	---	7.69	4.91	6.40	2.57	7.71	3.50
LMB	13.73	---	14.38	---	14.29	---	13.31	7.32	13.65	5.92	13.53	4.84
NOP	23.71	---	21.53	---	23.13	---	23.51	---	20.88	---	21.52	---
SUN	6.89	---	8.75	---	6.96	---	6.82	---	5.25	---	6.61	---
WAE	---	---	---	---	---	---	20.38	21.91	15.88	12.99	17.52	11.02
YEP	6.00	---	---	---	6.00	---	6.46	6.85	6.00	2.53	6.07	2.55

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	0.98	0.97	0.98	0.97
BOF	---	---	---	---	---	---	---	---	3.98	3.91	3.98	3.91
CRP	0.28	---	---	---	0.28	---	0.28	0.18	0.12	0.05	0.28	0.13
LMB	1.45	---	1.79	---	1.74	---	1.43	0.77	1.59	0.70	1.55	0.58
NOP	3.13	---	3.13	---	3.49	---	3.14	---	2.80	1.35	2.93	1.26
SUN	0.27	---	0.52	---	0.28	---	0.24	---	0.11	0.03	0.23	---
WAE	---	---	---	---	---	---	3.19	3.44	2.12	1.84	2.51	1.73
YEP	0.09	---	---	---	0.09	---	0.12	0.12	0.09	0.04	0.09	0.04



Current Stratum Combinations:  
 Seasons september, October, April), May, June, July, August,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN	WAE	YEP
[0.0, 3.0)	---	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	---	---
[6.0, 6.5)	---	---	---	7	---	1
[6.5, 7.0)	---	---	---	40	---	---
[7.0, 7.5)	14	---	---	48	---	---
[7.5, 8.0)	20	---	---	10	---	---
[8.0, 8.5)	13	---	---	1	---	---
[8.5, 9.0)	6	1	---	---	---	---
[9.0, 9.5)	4	3	---	---	---	---
[9.5, 10.0)	---	2	---	---	---	---
[10.0, 10.5)	---	---	---	---	---	---
[10.5, 11.0)	---	---	---	---	---	---
[11.0, 11.5)	---	1	---	---	---	---
[11.5, 12.0)	---	1	---	---	---	---
[12.0, 13.0)	---	2	---	---	---	---
[13.0, 14.0)	---	4	---	---	---	---
[14.0, 15.0)	1	7	---	---	---	---
[15.0, 16.0)	---	1	---	---	---	---
[16.0, 17.0)	---	---	---	---	---	---
[17.0, 18.0)	---	---	---	---	---	---
[18.0, 19.0)	---	---	1	---	---	---
[19.0, 20.0)	---	---	1	---	---	---
[20.0, 21.0)	---	---	3	---	2	---
[21.0, 22.0)	---	---	1	---	---	---
[22.0, 23.0)	---	---	3	---	---	---
[23.0, 24.0)	---	---	2	---	---	---
[24.0, 25.0)	---	---	2	---	---	---
[25.0, 26.0)	---	---	3	---	---	---
[26.0, 27.0)	---	---	1	---	---	---
[27.0, 28.0)	---	---	1	---	---	---
[28.0, 29.0)	---	---	3	---	---	---
[29.0, 30.0)	---	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---	---
[40.0, and up)	---	---	---	---	---	---
Total	58	22	21	106	2	1
Min. Length	7.00	8.50	18.50	6.00	20.00	6.00
Max. Length	14.00	15.50	28.50	8.25	20.50	6.00
Mean Length	7.87	12.32	23.56	6.90	20.25	6.00

Current Stratum Combinations:  
 Seasons september, October, April (ow), May, June, July, August,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas ME - ME, Medicine Lake, 886 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	LMB	NOP	SUN	WAE
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	1	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	---	---	---
[6.5, 7.0)	---	---	---	---
[7.0, 7.5)	---	---	---	---
[7.5, 8.0)	---	---	1	---
[8.0, 8.5)	8	---	---	1
[8.5, 9.0)	---	---	---	---
[9.0, 9.5)	1	---	---	---
[9.5, 10.0)	---	---	---	---
[10.0, 10.5)	42	---	1	---
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	---	---	---
[11.5, 12.0)	---	---	---	---
[12.0, 13.0)	25	17	---	---
[13.0, 14.0)	12	2	---	---
[14.0, 15.0)	24	3	---	---
[15.0, 16.0)	34	7	---	---
[16.0, 17.0)	13	9	---	---
[17.0, 18.0)	10	4	---	---
[18.0, 19.0)	12	16	---	---
[19.0, 20.0)	5	9	---	---
[20.0, 21.0)	3	5	---	---
[21.0, 22.0)	1	8	---	---
[22.0, 23.0)	---	3	---	1
[23.0, 24.0)	1	5	---	---
[24.0, 25.0)	---	8	---	---
[25.0, 26.0)	---	3	---	---
[26.0, 27.0)	---	3	---	---
[27.0, 28.0)	---	3	---	---
[28.0, 29.0)	---	4	---	---
[29.0, 30.0)	---	1	---	---
[30.0, 31.0)	---	1	---	---
[31.0, 32.0)	---	2	---	---
[32.0, 33.0)	---	1	---	---
[33.0, 34.0)	---	5	---	---
[34.0, 35.0)	---	2	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	4	---	---
[37.0, 38.0)	---	1	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	192	126	2	2
Min. Length	5.00	12.00	7.50	8.00
Max. Length	23.00	37.00	10.00	22.00
Mean Length	13.68	20.76	8.75	15.00

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 2 - Fish-House Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			29076.4	5106.1	34.45	6.05	2.01	---	3.06	---	70

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.4967	---	0.3070	---	0.8038	---	242.4	54	
NOP	0.0000	---	0.2622	---	0.2622	---	12.3	3	
SUN	2.0069	---	1.0545	---	3.0615	---	23.6	7	
WAE	0.0176	---	0.0176	---	0.0352	---	103.4	20	
YEP	0.0000	---	1.0000	---	1.0000	---	12.0	1	

Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.2711	---	0.2634	---	0.5345	---	329.1	
NOP	0.0000	0.0000	0.0115	0.0076	0.0115	0.0076	329.1	
SUN	0.0863	---	0.0414	---	0.1277	---	329.1	
WAE	0.0089	0.0064	0.0115	0.0077	0.0205	0.0131	329.1	
YEP	0.0162	---	0.2506	---	0.2668	---	329.1	
ALL	0.3826	---	0.5784	---	0.9610	---	329.1	

Independence winter 2002-03, fish house anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
CRP	7883.5	---	9.34	---	7657.3	---	9.07	---	15540.8	---	18.41	---
NOP	0.0	0.0	0.00	0.00	335.5	212.5	0.40	0.25	335.5	212.5	0.40	0.25
SUN	2508.8	---	2.97	---	1203.3	---	1.43	---	3712.1	---	4.40	---
WAE	259.9	217.5	0.31	0.26	335.5	236.5	0.40	0.28	595.5	429.4	0.71	0.51
YEP	471.9	---	0.56	---	7286.1	---	8.63	---	7757.9	---	9.19	---
ALL	11124.1	---	13.18	---	16817.7	---	19.93	---	27941.9	---	33.11	---

Total Catch Pounds and Pounds per Acre

All Anglers				
Spp	Harvest Lbs	SE	Har lbs per acre	SE
CRP	3299.4	---	3.91	---
SUN	612.5	---	0.73	---
WAE	508.9	419.5	0.60	0.50
YEP	56.6	---	0.07	---
ALL	4477.4	---	5.31	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
CRP	8.59	2.07	6.52	1.37	7.79	1.72	8.59	5.29	6.50	3.77	7.76	4.23
NOP	---	---	11.00	---	11.00	---	---	---	15.00	39.16	15.00	39.29
SUN	6.86	3.25	4.60	1.40	6.37	2.23	6.86	14.36	4.60	6.66	6.37	10.53
WAE	17.75	0.25	10.00	---	15.17	2.59	17.75	19.42	10.00	8.62	15.17	20.69
YEP	---	---	5.00	---	5.00	---	6.83	9.42	5.75	3.40	5.83	4.65

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
CRP	0.44	0.11	0.20	0.05	0.35	0.08	0.44	0.27	0.20	0.12	0.34	0.19
NOP	---	---	0.26	---	0.26	---	---	---	0.88	3.65	0.88	3.65
SUN	0.24	0.11	0.06	0.03	0.20	0.09	0.24	0.50	0.06	0.10	0.20	0.35
WAE	2.00	0.10	0.28	---	1.43	0.58	2.00	---	0.28	0.24	1.43	2.46
YEP	---	---	0.05	---	0.05	---	0.12	0.17	0.08	0.05	0.09	0.07

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 3 - Weekdays-Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 2 - Fish-House Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	SUN	WAE	YEP
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	---	---	---
[6.5, 7.0)	---	11	---	2
[7.0, 7.5)	1	3	---	2
[7.5, 8.0)	12	4	---	---
[8.0, 8.5)	23	---	---	---
[8.5, 9.0)	24	---	---	---
[9.0, 9.5)	21	---	---	---
[9.5, 10.0)	6	---	---	---
[10.0, 10.5)	1	---	---	---
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	---	---	---
[11.5, 12.0)	---	---	---	---
[12.0, 13.0)	---	---	---	---
[13.0, 14.0)	---	---	---	---
[14.0, 15.0)	---	---	---	---
[15.0, 16.0)	---	---	---	---
[16.0, 17.0)	---	---	---	---
[17.0, 18.0)	---	---	1	---
[18.0, 19.0)	---	---	1	---
[19.0, 20.0)	---	---	---	---
[20.0, 21.0)	---	---	---	---
[21.0, 22.0)	---	---	---	---
[22.0, 23.0)	---	---	---	---
[23.0, 24.0)	---	---	---	---
[24.0, 25.0)	---	---	---	---
[25.0, 26.0)	---	---	---	---
[26.0, 27.0)	---	---	---	---
[27.0, 28.0)	---	---	---	---
[28.0, 29.0)	---	---	---	---
[29.0, 30.0)	---	---	---	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	88	18	2	4
Min. Length	7.40	6.50	17.50	6.60
Max. Length	10.00	7.50	18.00	7.10
Mean Length	8.59	6.86	17.75	6.83

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 3 - Weekdays-Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 2 - Fish-House Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	NOP	SUN	WAE	YEP
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	6	---	2	---	1
[4.5, 5.0)	3	---	---	---	2
[5.0, 5.5)	---	---	3	---	23
[5.5, 6.0)	---	---	---	---	---
[6.0, 6.5)	3	---	---	---	7
[6.5, 7.0)	13	---	---	---	7
[7.0, 7.5)	21	---	---	---	10
[7.5, 8.0)	12	---	---	---	---
[8.0, 8.5)	---	---	---	---	1
[8.5, 9.0)	---	---	---	---	---
[9.0, 9.5)	---	---	---	---	---
[9.5, 10.0)	---	---	---	---	---
[10.0, 10.5)	---	---	---	1	---
[10.5, 11.0)	---	---	---	---	---
[11.0, 11.5)	---	1	---	---	---
[11.5, 12.0)	---	---	---	---	---
[12.0, 13.0)	---	---	---	---	---
[13.0, 14.0)	---	---	---	---	---
[14.0, 15.0)	---	---	---	---	---
[15.0, 16.0)	---	---	---	---	---
[16.0, 17.0)	---	---	---	---	---
[17.0, 18.0)	---	---	---	---	---
[18.0, 19.0)	---	---	---	---	---
[19.0, 20.0)	---	1	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	---	---	---
[22.0, 23.0)	---	---	---	---	---
[23.0, 24.0)	---	---	---	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	---	---	---
[26.0, 27.0)	---	---	---	---	---
[27.0, 28.0)	---	---	---	---	---
[28.0, 29.0)	---	---	---	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	58	2	5	1	51
Min. Length	4.00	11.00	4.00	10.00	4.00
Max. Length	7.50	19.00	5.00	10.00	8.00
Mean Length	6.50	15.00	4.60	10.00	5.75

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			2798.1	1119.6	3.32	1.33	1.31	---	---	---	20

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	1.2116	---	1.3849	---	2.5964	---	43.1	15	
NOP	0.0000	---	0.0000	---	0.0000	---	4.5	1	
SUN	4.5417	---	4.4692	---	9.0109	---	10.4	7	
WAE	0.0000	---	0.0000	---	0.0000	---	3.6	2	
YEP	---	0.0000	---	0.0000	---	0.0000	0.0	0	

Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.6487	---	0.7976	---	1.4464	---	53.1	
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	53.1	
SUN	1.0450	---	0.9957	---	2.0408	---	53.1	
WAE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	53.1	
YEP	0.0000	0.0000	0.0540	0.0354	0.0540	0.0354	53.1	
ALL	1.6938	---	1.8474	---	3.5412	---	53.1	

Lake Independence, winter 2002-03, open-ice anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest	Har per		Release	Rel per		Catch	Cat per				
		SE	Acre		SE	Acre		SE	Acre			
CRP	1815.2	---	2.15	---	2231.8	---	2.64	---	4047.0	---	4.80	---
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
SUN	2924.1	---	3.46	---	2786.1	---	3.30	---	5710.3	---	6.77	---
WAE	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
YEP	0.0	0.0	0.00	0.00	151.2	78.4	0.18	0.09	151.2	78.4	0.18	0.09
ALL	4739.4	---	5.62	---	5169.2	---	6.12	---	9908.5	---	11.74	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest	Har Lbs	
		Lbs	per Acre
CRP	411.9	---	0.49
SUN	591.4	---	0.70
ALL	1003.4	---	1.19

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvLn		AvLn		AvLn		AvLn		AvLn		AvLn	
CRP	8.50	4.70	5.60	2.40	7.74	3.96	8.50	14.03	5.60	23.51	7.74	15.03
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.73	2.51	5.00	3.00	6.55	2.56	6.73	10.37	5.00	10.01	6.55	10.82
WAE	---	---	---	---	---	---	---	---	---	---	---	---
YEP	---	---	---	---	---	---	---	---	5.00	4.49	5.00	4.49

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvWt		AvWt		AvWt		AvWt		AvWt		AvWt	
CRP	0.38	0.24	0.14	0.01	0.32	0.19	0.38	0.59	0.14	---	0.32	0.49
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.19	0.07	0.08	0.05	0.18	0.08	0.19	0.30	0.08	0.16	0.18	0.30
WAE	---	---	---	---	---	---	---	---	---	---	---	---
YEP	---	---	---	---	---	---	---	---	0.05	0.05	0.05	0.05



Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 3 - Weekdays-Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	SUN
[0.0, 3.0)	---	---
[3.0, 3.5)	---	---
[3.5, 4.0)	---	---
[4.0, 4.5)	---	---
[4.5, 5.0)	---	---
[5.0, 5.5)	---	---
[5.5, 6.0)	---	2
[6.0, 6.5)	---	9
[6.5, 7.0)	---	20
[7.0, 7.5)	2	12
[7.5, 8.0)	5	---
[8.0, 8.5)	3	2
[8.5, 9.0)	4	---
[9.0, 9.5)	13	---
[9.5, 10.0)	1	---
[10.0, 10.5)	---	---
[10.5, 11.0)	---	---
[11.0, 11.5)	---	---
[11.5, 12.0)	---	---
[12.0, 13.0)	---	---
[13.0, 14.0)	---	---
[14.0, 15.0)	---	---
[15.0, 16.0)	---	---
[16.0, 17.0)	---	---
[17.0, 18.0)	---	---
[18.0, 19.0)	---	---
[19.0, 20.0)	---	---
[20.0, 21.0)	---	---
[21.0, 22.0)	---	---
[22.0, 23.0)	---	---
[23.0, 24.0)	---	---
[24.0, 25.0)	---	---
[25.0, 26.0)	---	---
[26.0, 27.0)	---	---
[27.0, 28.0)	---	---
[28.0, 29.0)	---	---
[29.0, 30.0)	---	---
[30.0, 31.0)	---	---
[31.0, 32.0)	---	---
[32.0, 33.0)	---	---
[33.0, 34.0)	---	---
[34.0, 35.0)	---	---
[35.0, 36.0)	---	---
[36.0, 37.0)	---	---
[37.0, 38.0)	---	---
[38.0, 39.0)	---	---
[39.0, 40.0)	---	---
[40.0, and up)	---	---
Total	28	45
Min. Length	7.00	5.70
Max. Length	9.60	8.00
Mean Length	8.50	6.73

Current Stratum Combinations:

Seasons 1 - Winter,  
 Day Types 3 - Weekdays-Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	SUN	YEP
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	---	---	---
[4.5, 5.0)	---	---	---
[5.0, 5.5)	8	5	9
[5.5, 6.0)	---	---	---
[6.0, 6.5)	---	---	---
[6.5, 7.0)	---	---	---
[7.0, 7.5)	---	---	---
[7.5, 8.0)	---	---	---
[8.0, 8.5)	2	---	---
[8.5, 9.0)	---	---	---
[9.0, 9.5)	---	---	---
[9.5, 10.0)	---	---	---
[10.0, 10.5)	---	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	---	---	---
[12.0, 13.0)	---	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	---	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	10	5	9
Min. Length	5.00	5.00	5.00
Max. Length	8.00	5.00	5.00
Mean Length	5.60	5.00	5.00

Current Stratum Combinations:  
 Seasons- september, October, April, 6 - May, 7 - june, july, august  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			48841.2	4659.4	57.87	5.52	2.04	0.19	3.33	---	505

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 Catch Per Angler-Hour  
 -----

Targeting Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv
CRP	0.5347	---	1.7070	---	2.2417	---	472.9	92
LMB	0.0163	0.0080	0.2921	0.0953	0.3084	0.0964	450.3	79
MUE	0.0000	0.0000	0.0438	0.0122	0.0438	0.0122	986.3	191
NOP	0.0235	---	0.1257	---	0.1492	---	253.8	49
SUN	0.6442	---	1.4140	---	2.0582	---	426.2	70
WAE	0.0756	0.0452	0.0423	0.0196	0.1180	0.0576	385.8	85
YEP	0.0000	---	0.0230	---	0.0230	---	53.5	13

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 Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BOF	0.0000	0.0000	0.0026	0.0011	0.0026	0.0011	2768.7	
CAP	0.0000	0.0000	0.0007	0.0007	0.0007	0.0007	2768.7	
CRP	0.1851	0.0428	0.3657	0.0766	0.5508	0.1087	2768.7	
LMB	0.0102	0.0030	0.1533	0.0334	0.1635	0.0335	2768.7	
MUE	0.0000	0.0000	0.0159	0.0018	0.0159	0.0018	2768.7	
NOP	0.0023	0.0010	0.0435	0.0111	0.0459	0.0113	2768.7	
SUN	0.1633	0.0269	0.4006	0.0760	0.5639	0.0932	2768.7	
WAE	0.0107	0.0040	0.0155	0.0082	0.0261	0.0094	2768.7	
YEP	0.0000	0.0000	0.0207	0.0058	0.0207	0.0058	2768.7	
ALL	0.3715	0.0508	1.0186	0.1139	1.3901	0.1479	2768.7	

Lk. Independence, summer 2003, boat anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BOF	0.0	0.0	0.00	0.00	128.4	54.6	0.15	0.06	128.4	54.6	0.15	0.06
CAP	0.0	0.0	0.00	0.00	34.0	34.5	0.04	0.04	34.0	34.5	0.04	0.04
CRP	9039.8	2096.4	10.71	2.48	17861.1	3687.5	21.16	4.37	26901.0	5265.8	31.87	6.24
LMB	497.5	165.7	0.59	0.20	7485.8	1366.8	8.87	1.62	7983.4	1393.1	9.46	1.65
MUE	0.0	0.0	0.00	0.00	777.4	136.9	0.92	0.16	777.4	136.9	0.92	0.16
NOP	113.5	47.2	0.13	0.06	2126.3	455.5	2.52	0.54	2239.8	460.7	2.65	0.55
SUN	7975.0	2027.9	9.45	2.40	19567.4	4101.6	23.18	4.86	27542.3	5765.7	32.63	6.83
WAE	520.6	217.6	0.62	0.26	754.7	390.4	0.89	0.46	1275.3	473.2	1.51	0.56
YEP	0.0	0.0	0.00	0.00	1012.1	278.5	1.20	0.33	1012.1	278.5	1.20	0.33
ALL	18146.4	2929.9	21.50	3.47	49747.1	5722.7	58.94	6.78	67893.5	7965.5	80.44	9.44

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	3327.4	2127.9	3.94	2.52
LMB	889.4	327.6	1.05	0.39
NOP	355.8	167.9	0.42	0.20
SUN	1731.7	546.1	2.05	0.65
WAE	966.1	457.3	1.14	0.54
ALL	7270.4	2273.9	8.61	2.69

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
BOF	---	---	---	---	---	---	---	---	24.00	12.53	24.00	12.53
CAP	---	---	---	---	---	---	---	---	25.60	36.63	25.60	36.63
CRP	8.63	2.31	9.00	---	8.63	2.37	8.50	5.35	8.33	2.36	8.49	3.69
LMB	16.42	5.58	14.56	2.16	14.63	2.15	11.35	19.91	13.65	5.03	13.35	5.16
MUE	---	---	35.98	5.28	35.98	5.28	---	---	35.48	15.55	35.48	15.56
NOP	23.50	1.08	20.84	4.92	21.19	4.11	23.83	13.35	21.39	9.18	21.53	8.67
SUN	7.14	3.66	---	---	7.14	3.66	7.27	6.54	4.90	1.48	7.27	5.27
WAE	14.82	4.47	16.30	5.93	15.06	3.98	14.82	14.82	14.06	12.42	14.55	9.50
YEP	---	---	---	---	---	---	---	---	6.30	2.01	6.70	2.14

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
BOF	---	---	---	---	---	---	---	---	4.36	2.31	4.36	2.31
CAP	---	---	---	---	---	---	---	---	8.30	11.92	8.30	11.92
CRP	0.36	0.09	0.53	---	0.36	0.09	0.34	0.22	0.34	0.32	0.34	0.16
LMB	2.63	0.79	1.89	0.27	1.92	0.27	1.13	1.12	1.67	0.61	1.60	0.60
MUE	---	---	12.14	2.06	12.14	2.06	---	---	11.87	5.47	11.87	5.47
NOP	2.92	0.63	2.43	0.73	2.49	0.61	3.06	1.62	2.71	1.10	2.73	1.04
SUN	0.26	0.13	---	---	0.26	0.13	0.28	0.25	0.10	0.03	0.28	0.20
WAE	1.20	0.33	1.79	1.11	1.29	0.32	1.20	1.07	1.20	1.15	1.20	0.76
YEP	---	---	---	---	---	---	---	---	0.10	0.04	0.12	0.04

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 3 - Weekdays-Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN	WAE
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	---
[6.0, 6.5)	---	---	---	2	---
[6.5, 7.0)	---	---	---	5	---
[7.0, 7.5)	3	---	---	22	---
[7.5, 8.0)	11	---	---	18	---
[8.0, 8.5)	19	2	---	1	---
[8.5, 9.0)	19	1	---	---	---
[9.0, 9.5)	19	1	---	---	---
[9.5, 10.0)	6	1	---	---	---
[10.0, 10.5)	---	4	---	---	---
[10.5, 11.0)	---	4	---	---	---
[11.0, 11.5)	1	1	---	---	---
[11.5, 12.0)	---	---	---	---	1
[12.0, 13.0)	---	---	---	---	3
[13.0, 14.0)	---	---	---	---	5
[14.0, 15.0)	---	---	---	---	10
[15.0, 16.0)	---	---	---	---	2
[16.0, 17.0)	---	2	---	---	1
[17.0, 18.0)	---	1	---	---	1
[18.0, 19.0)	---	1	---	---	2
[19.0, 20.0)	---	---	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	2	---	---
[22.0, 23.0)	---	---	---	---	---
[23.0, 24.0)	---	---	1	---	---
[24.0, 25.0)	---	---	---	---	1
[25.0, 26.0)	---	---	2	---	---
[26.0, 27.0)	---	---	1	---	---
[27.0, 28.0)	---	---	---	---	---
[28.0, 29.0)	---	---	---	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	78	18	6	48	26
Min. Length	7.25	8.00	21.00	6.00	11.50
Max. Length	11.25	18.00	26.50	8.00	24.50
Mean Length	8.50	11.35	23.83	7.27	14.82

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 3 - Weekdays-Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish						
Length Category	BOF	CRP	LMB	MUE	NOP	WAE
[0.0, 3.0)	---	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---	---
[4.0, 4.5)	---	---	1	---	---	---
[4.5, 5.0)	---	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---	---
[5.5, 6.0)	---	---	---	---	---	---
[6.0, 6.5)	---	---	9	---	---	---
[6.5, 7.0)	---	---	---	---	---	---
[7.0, 7.5)	---	---	1	---	---	---
[7.5, 8.0)	---	---	---	---	---	---
[8.0, 8.5)	---	2	5	---	---	3
[8.5, 9.0)	---	---	---	---	---	---
[9.0, 9.5)	---	1	---	---	---	---
[9.5, 10.0)	---	---	---	---	---	---
[10.0, 10.5)	---	---	5	---	---	2
[10.5, 11.0)	---	---	---	---	---	---
[11.0, 11.5)	---	---	2	---	---	---
[11.5, 12.0)	---	---	---	---	---	1
[12.0, 13.0)	---	---	18	1	4	---
[13.0, 14.0)	---	---	10	---	3	---
[14.0, 15.0)	---	---	15	---	1	1
[15.0, 16.0)	---	---	22	---	1	2
[16.0, 17.0)	---	---	9	---	12	---
[17.0, 18.0)	---	---	8	---	5	---
[18.0, 19.0)	---	---	10	---	10	2
[19.0, 20.0)	---	---	2	---	4	1
[20.0, 21.0)	---	---	2	3	11	---
[21.0, 22.0)	---	---	1	---	9	2
[22.0, 23.0)	---	---	---	---	4	---
[23.0, 24.0)	---	---	---	---	2	---
[24.0, 25.0)	1	---	---	---	6	---
[25.0, 26.0)	---	---	---	---	2	---
[26.0, 27.0)	---	---	---	---	3	---
[27.0, 28.0)	---	---	---	1	2	---
[28.0, 29.0)	---	---	---	1	6	---
[29.0, 30.0)	---	---	---	2	1	---
[30.0, 31.0)	---	---	---	1	4	---
[31.0, 32.0)	---	---	---	3	1	---
[32.0, 33.0)	---	---	---	1	1	---
[33.0, 34.0)	---	---	---	1	1	---
[34.0, 35.0)	---	---	---	3	3	---
[35.0, 36.0)	---	---	---	7	1	---
[36.0, 37.0)	---	---	---	4	---	---
[37.0, 38.0)	---	---	---	---	---	---
[38.0, 39.0)	---	---	---	6	---	---
[39.0, 40.0)	---	---	---	6	---	---
[40.0, and up)	---	---	---	15	---	---
Total	1	3	120	55	97	14
Min. Length	24.00	8.00	4.00	12.00	12.00	8.00
Max. Length	24.00	9.00	21.00	47.00	35.00	21.00
Mean Length	24.00	8.33	13.65	35.48	21.39	14.06

Current Stratum Combinations:  
 Season- september, October, April, May, june, july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

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 Effort and Effort per Acre  
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Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			6568.1	938.8	7.78	1.11	2.48	---	---	---	61

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 Catch Per Angler-Hour  
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Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CAP	0.0000	---	0.0000	---	0.0000	---	5.3	1	
CRP	0.9671	---	1.6057	---	2.5728	---	132.5	28	
LMB	0.7500	---	1.0000	---	1.7500	---	4.0	1	
MUE	0.0000	---	0.0000	---	0.0000	---	4.0	1	
NOP	0.0210	---	0.4151	---	0.4361	---	13.8	3	
SUN	0.3815	---	1.2968	---	1.6783	---	124.5	23	
WAE	0.0000	---	0.1000	---	0.1000	---	20.5	5	
YEP	0.0000	---	0.0000	---	0.0000	---	12.0	3	

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 Catch Per Angler-Hour  
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All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BOF	0.0000	0.0000	0.0063	0.0055	0.0063	0.0055	282.8	
CAP	0.0000	0.0000	0.0137	0.0161	0.0137	0.0161	282.8	
CRP	0.8937	0.4134	1.0561	0.5738	1.9497	0.7962	282.8	
LMB	0.0384	0.0217	0.1534	0.0580	0.1918	0.0764	282.8	
MUE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	282.8	
NOP	0.0018	0.0018	0.0082	0.0063	0.0100	0.0067	282.8	
SUN	0.4197	0.2020	0.9185	0.3351	1.3382	0.4823	282.8	
WAE	0.0000	0.0000	0.0126	0.0036	0.0126	0.0036	282.8	
YEP	0.0042	0.0054	0.0663	0.0219	0.0706	0.0240	282.8	
ALL	1.3579	0.4607	2.2352	0.6676	3.5931	0.9345	282.8	

Lake Independence, summer 2003: shore-based anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BOF	0.0	0.0	0.00	0.00	41.6	35.9	0.05	0.04	41.6	35.9	0.05	0.04
CAP	0.0	0.0	0.00	0.00	90.0	104.8	0.11	0.12	90.0	104.8	0.11	0.12
CRP	5869.6	2892.5	6.95	3.43	6936.3	4726.6	8.22	5.60	12805.9	6673.4	15.17	7.91
LMB	252.4	144.4	0.30	0.17	1007.5	393.2	1.19	0.47	1259.9	516.5	1.49	0.61
MUE	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
NOP	12.0	11.8	0.01	0.01	54.0	36.4	0.06	0.04	66.0	38.2	0.08	0.05
SUN	2756.9	1347.0	3.27	1.60	6032.8	1914.5	7.15	2.27	8789.7	2914.0	10.41	3.45
WAE	0.0	0.0	0.00	0.00	83.0	20.0	0.10	0.02	83.0	20.0	0.10	0.02
YEP	27.8	35.0	0.03	0.04	435.6	128.4	0.52	0.15	463.4	142.0	0.55	0.17
ALL	8918.7	3194.2	10.57	3.78	14680.8	5117.7	17.39	6.06	23599.5	7302.5	27.96	8.65

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
CRP	1871.2	1012.5	2.22	1.20
LMB	533.6	360.5	0.63	0.43
NOP	54.0	53.0	0.06	0.06
YEP	3.3	4.2	0.00	0.00
ALL	3128.3	1132.5	3.71	1.34

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BOF	---	---	---	---	---	---	---	---	26.20	37.63	26.20	37.63
CAP	---	---	---	---	---	---	---	---	25.60	37.80	25.60	37.80
CRP	8.49	2.78	---	---	8.49	2.78	8.35	5.16	6.20	4.45	8.35	4.60
LMB	16.50	---	---	---	16.50	---	13.40	18.04	11.20	3.96	12.30	9.09
MUE	---	---	---	---	---	---	---	---	---	---	---	---
NOP	27.00	---	12.00	---	19.50	7.50	27.00	36.57	18.00	46.17	21.00	17.72
SUN	6.88	5.75	---	---	6.88	5.75	6.77	8.67	4.90	2.40	6.77	6.39
WAE	---	---	---	---	---	---	---	---	12.70	14.62	20.10	23.14
YEP	---	---	---	---	---	---	6.75	10.03	7.25	4.42	7.00	4.16

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BOF	---	---	---	---	---	---	---	---	6.27	9.01	6.27	9.01
CAP	---	---	---	---	---	---	---	---	8.30	12.30	8.30	12.30
CRP	0.36	0.12	---	---	0.36	0.12	0.33	0.19	0.11	0.08	0.33	0.18
LMB	2.83	---	---	---	2.83	---	1.83	3.17	1.06	---	1.44	1.38
MUE	---	---	---	---	---	---	---	---	---	---	---	---
NOP	4.50	---	0.36	---	2.43	2.07	4.50	6.10	1.73	6.63	2.66	---
SUN	0.27	0.23	---	---	0.27	0.23	0.23	0.33	0.10	0.05	0.23	0.25
WAE	---	---	---	---	---	---	---	---	0.61	0.70	3.40	3.92
YEP	---	---	---	---	---	---	0.12	0.18	0.16	0.10	0.14	0.08



Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 3 - Weekdays-Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN	YEP
[0.0, 3.0)	---	---	---	---	---
[3.0, 3.5)	---	---	---	---	---
[3.5, 4.0)	---	---	---	---	---
[4.0, 4.5)	---	---	---	---	---
[4.5, 5.0)	---	---	---	---	---
[5.0, 5.5)	---	---	---	---	---
[5.5, 6.0)	---	---	---	2	---
[6.0, 6.5)	---	---	---	4	---
[6.5, 7.0)	2	---	---	14	1
[7.0, 7.5)	7	---	---	10	---
[7.5, 8.0)	13	---	---	5	---
[8.0, 8.5)	22	1	---	---	---
[8.5, 9.0)	24	---	---	---	---
[9.0, 9.5)	21	---	---	---	---
[9.5, 10.0)	1	1	---	---	---
[10.0, 10.5)	---	---	---	---	---
[10.5, 11.0)	---	---	---	---	---
[11.0, 11.5)	---	---	---	---	---
[11.5, 12.0)	---	---	---	---	---
[12.0, 13.0)	---	---	---	---	---
[13.0, 14.0)	---	---	---	---	---
[14.0, 15.0)	---	---	---	---	---
[15.0, 16.0)	---	---	---	---	---
[16.0, 17.0)	---	2	---	---	---
[17.0, 18.0)	---	1	---	---	---
[18.0, 19.0)	---	---	---	---	---
[19.0, 20.0)	---	---	---	---	---
[20.0, 21.0)	---	---	---	---	---
[21.0, 22.0)	---	---	---	---	---
[22.0, 23.0)	---	---	---	---	---
[23.0, 24.0)	---	---	---	---	---
[24.0, 25.0)	---	---	---	---	---
[25.0, 26.0)	---	---	---	---	---
[26.0, 27.0)	---	---	---	---	---
[27.0, 28.0)	---	---	1	---	---
[28.0, 29.0)	---	---	---	---	---
[29.0, 30.0)	---	---	---	---	---
[30.0, 31.0)	---	---	---	---	---
[31.0, 32.0)	---	---	---	---	---
[32.0, 33.0)	---	---	---	---	---
[33.0, 34.0)	---	---	---	---	---
[34.0, 35.0)	---	---	---	---	---
[35.0, 36.0)	---	---	---	---	---
[36.0, 37.0)	---	---	---	---	---
[37.0, 38.0)	---	---	---	---	---
[38.0, 39.0)	---	---	---	---	---
[39.0, 40.0)	---	---	---	---	---
[40.0, and up)	---	---	---	---	---
Total	90	5	1	35	1
Min. Length	6.75	8.00	27.00	5.50	6.75
Max. Length	9.50	17.00	27.00	7.50	6.75
Mean Length	8.35	13.40	27.00	6.77	6.75

Current Stratum Combinations:  
 Seasons 12 - Open-water,  
 Day Types 3 - Weekdays-Weekends-Holidays,  
 Areas IN - IN, Lake Independence, 844 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	LMB	NOP	YEP
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	---	---	---
[4.5, 5.0)	---	---	---
[5.0, 5.5)	---	---	---
[5.5, 6.0)	---	---	---
[6.0, 6.5)	1	---	---
[6.5, 7.0)	---	---	---
[7.0, 7.5)	---	---	1
[7.5, 8.0)	---	---	---
[8.0, 8.5)	1	---	---
[8.5, 9.0)	---	---	---
[9.0, 9.5)	---	---	---
[9.5, 10.0)	---	---	---
[10.0, 10.5)	1	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	---	---	---
[12.0, 13.0)	---	1	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	2	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	1	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	5	2	1
Min. Length	6.00	12.00	7.25
Max. Length	16.00	24.00	7.25
Mean Length	11.20	18.00	7.25

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 2 - Fish-House Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv				
			19781.9		2724.5		34.46		4.75		1.58	---	2.86	---	89

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	1.3589	---	1.2847	---	2.6437	---	332.4	69	
LMB	0.0000	---	0.0000	---	0.0000	---	5.3	1	
NOP	0.0000	---	0.0000	---	0.0000	---	41.0	8	
SUN	1.8955	---	1.8667	---	3.7622	---	111.2	24	
YEP	0.0000	---	0.0000	---	0.0000	---	6.0	3	

Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.5157	---	0.2933	---	0.8090	---	407.7	
LMB	0.0086	0.0062	0.0000	0.0000	0.0086	0.0062	407.7	
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	407.7	
SUN	0.3151	0.1271	0.3177	0.1557	0.6328	0.2692	407.7	
YEP	0.0000	0.0000	0.0157	0.0090	0.0157	0.0090	407.7	
ALL	0.8394	---	0.6267	---	1.4661	---	407.7	

Sarah winter 2002-03: fish-house anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
CRP	10202.0	---	17.77	---	5801.1	---	10.11	---	16003.1	---	27.88	---
LMB	170.0	120.9	0.30	0.21	0.0	0.0	0.00	0.00	170.0	120.9	0.30	0.21
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
SUN	6232.8	2190.1	10.86	3.82	6284.6	2776.8	10.95	4.84	12517.4	4665.8	21.81	8.13
YEP	0.0	0.0	0.00	0.00	311.2	173.5	0.54	0.30	311.2	173.5	0.54	0.30
ALL	16604.8	---	28.93	---	12396.9	---	21.60	---	29001.7	---	50.53	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
		SE		SE
CRP	4697.2	---	8.18	---
LMB	357.0	255.3	0.62	0.44
SUN	1570.5	705.1	2.74	1.23
ALL	6624.7	---	11.54	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	8.68	---	6.70	---	8.11	---	8.82	---	6.68	---	8.11	---
LMB	---	---	---	---	---	---	14.10	14.18	---	---	14.10	14.19
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.88	---	5.50	---	6.40	---	6.94	3.99	5.37	5.72	6.37	4.16
YEP	---	---	---	---	---	---	---	---	5.80	4.57	5.85	4.60

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.45	---	0.21	---	0.38	---	0.46	---	0.20	---	0.37	---
LMB	---	---	---	---	---	---	2.10	2.12	---	---	2.10	2.12
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.24	---	0.11	---	0.20	---	0.25	0.14	0.11	0.13	0.20	0.14
YEP	---	---	---	---	---	---	---	---	0.08	0.07	0.09	0.07

Current Stratum Combinations:

Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 2 - Fish-House Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	SUN
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	---	---	---
[4.5, 5.0)	---	---	---
[5.0, 5.5)	---	---	---
[5.5, 6.0)	---	---	---
[6.0, 6.5)	---	---	6
[6.5, 7.0)	2	---	53
[7.0, 7.5)	4	---	51
[7.5, 8.0)	4	---	8
[8.0, 8.5)	33	---	5
[8.5, 9.0)	37	---	---
[9.0, 9.5)	33	---	---
[9.5, 10.0)	13	---	---
[10.0, 10.5)	4	---	---
[10.5, 11.0)	3	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	1	---	---
[12.0, 13.0)	---	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	1	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	---	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	134	1	123
Min. Length	6.80	14.10	6.00
Max. Length	11.50	14.10	8.10
Mean Length	8.73	14.10	6.95

Current Stratum Combinations:

Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 2 - Fish-House Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	SUN	YEP
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	3	2	---
[4.5, 5.0)	---	33	---
[5.0, 5.5)	2	22	1
[5.5, 6.0)	2	27	---
[6.0, 6.5)	11	18	3
[6.5, 7.0)	39	---	---
[7.0, 7.5)	33	---	2
[7.5, 8.0)	8	---	---
[8.0, 8.5)	3	---	---
[8.5, 9.0)	2	---	---
[9.0, 9.5)	---	---	---
[9.5, 10.0)	---	---	---
[10.0, 10.5)	---	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	---	---	---
[12.0, 13.0)	---	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	---	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	103	102	6
Min. Length	4.00	4.40	5.00
Max. Length	8.50	6.00	7.00
Mean Length	6.65	5.14	6.17

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			4562.0	783.4	7.95	1.36	1.25	---	2.21	---	37

-----  
 Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.7533	0.5841	0.4684	0.2110	1.2217	0.7599	84.8	28	
NOP	0.0000	---	0.0000	---	0.0000	---	3.9	3	
SUN	3.4559	---	1.6969	---	5.1528	---	66.6	16	
YEP	0.0000	---	0.0000	---	0.0000	---	2.8	2	

-----  
 Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
CRP	0.4443	0.2206	0.2429	0.1271	0.6872	0.3241	120.8	
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	120.8	
SUN	0.9653	0.5495	1.8291	1.5600	2.7944	2.0679	120.8	
YEP	0.0000	0.0000	0.0445	0.0242	0.0445	0.0242	120.8	
ALL	1.4096	0.5921	2.1164	1.5653	3.5261	2.0933	120.8	

Sarah winter 2002-03: open-ice anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release	Rel per Acre		Catch	Cat per Acre			
	SE	SE	SE	SE		SE	SE		SE	SE		
CRP	2027.0	799.5	3.53	1.39	1108.2	485.4	1.93	0.85	3135.1	1150.2	5.46	2.00
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00
SUN	4403.8	2422.6	7.67	4.22	8344.2	6707.4	14.54	11.69	12747.9	8897.2	22.21	15.50
YEP	0.0	0.0	0.00	0.00	202.9	104.9	0.35	0.18	202.9	104.9	0.35	0.18
ALL	6430.7	2551.2	11.20	4.44	9655.2	6725.8	16.82	11.72	16086.0	8971.9	28.02	15.63

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har Lbs per Acre	
	SE	SE	SE	SE
CRP	1076.0	607.0	1.87	1.06
SUN	975.6	1070.8	1.70	1.87
ALL	2051.6	1230.9	3.57	2.14

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE	AvLn	SE
CRP	8.88	---	6.59	---	8.11	---	8.98	6.14	6.93	5.81	8.37	5.63
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.79	---	5.78	---	6.57	---	6.85	8.13	5.87	6.74	6.75	10.48
YEP	---	---	---	---	---	---	---	---	5.70	4.21	5.70	4.21

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har		Rel		Cat		Har		Rel		Cat	
	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE	AvWt	SE
CRP	0.52	---	0.20	---	0.41	---	0.53	0.36	0.22	0.21	0.44	0.29
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.21	---	0.13	---	0.19	---	0.22	0.27	0.13	0.16	0.21	---
YEP	---	---	---	---	---	---	---	---	0.08	0.06	0.08	0.06



Current Stratum Combinations:

Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	SUN
[0.0, 3.0)	---	---
[3.0, 3.5)	---	---
[3.5, 4.0)	---	---
[4.0, 4.5)	---	---
[4.5, 5.0)	---	---
[5.0, 5.5)	---	---
[5.5, 6.0)	---	---
[6.0, 6.5)	---	7
[6.5, 7.0)	---	27
[7.0, 7.5)	2	27
[7.5, 8.0)	1	6
[8.0, 8.5)	9	---
[8.5, 9.0)	12	---
[9.0, 9.5)	17	---
[9.5, 10.0)	9	---
[10.0, 10.5)	3	---
[10.5, 11.0)	---	---
[11.0, 11.5)	---	---
[11.5, 12.0)	---	---
[12.0, 13.0)	1	---
[13.0, 14.0)	---	---
[14.0, 15.0)	---	---
[15.0, 16.0)	---	---
[16.0, 17.0)	---	---
[17.0, 18.0)	---	---
[18.0, 19.0)	---	---
[19.0, 20.0)	---	---
[20.0, 21.0)	---	---
[21.0, 22.0)	---	---
[22.0, 23.0)	---	---
[23.0, 24.0)	---	---
[24.0, 25.0)	---	---
[25.0, 26.0)	---	---
[26.0, 27.0)	---	---
[27.0, 28.0)	---	---
[28.0, 29.0)	---	---
[29.0, 30.0)	---	---
[30.0, 31.0)	---	---
[31.0, 32.0)	---	---
[32.0, 33.0)	---	---
[33.0, 34.0)	---	---
[34.0, 35.0)	---	---
[35.0, 36.0)	---	---
[36.0, 37.0)	---	---
[37.0, 38.0)	---	---
[38.0, 39.0)	---	---
[39.0, 40.0)	---	---
[40.0, and up)	---	---
Total	54	67
Min. Length	7.20	6.00
Max. Length	12.90	7.80
Mean Length	8.96	6.91

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 3 - Open-Ice Anglers / Angler Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	CRP	SUN	YEP
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	---	---	---
[4.5, 5.0)	---	---	---
[5.0, 5.5)	---	---	---
[5.5, 6.0)	---	24	3
[6.0, 6.5)	4	3	1
[6.5, 7.0)	---	---	---
[7.0, 7.5)	4	---	---
[7.5, 8.0)	5	---	---
[8.0, 8.5)	---	---	---
[8.5, 9.0)	---	---	---
[9.0, 9.5)	---	---	---
[9.5, 10.0)	---	---	---
[10.0, 10.5)	---	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	---	---
[11.5, 12.0)	---	---	---
[12.0, 13.0)	---	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	---	---
[16.0, 17.0)	---	---	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	13	27	4
Min. Length	6.00	5.50	5.50
Max. Length	7.50	6.00	6.00
Mean Length	6.88	5.56	5.63

Current Stratum Combinations:  
 Seasons 2 - Dec-January, 3 - February, 4 - March,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 4 - Spearers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv	
			333.0		180.2		0.58	0.31	1.00	---	---	3

Catch Per Angler-Hour

Targeting Anglers

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv
NOP	0.0000	---	0.0000	---	0.0000	---	5.1	3

Catch Per Angler-Hour

All Anglers

Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs
NOP	0.0000	---	0.0000	---	0.0000	---	5.1

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
NOP	0.0	---	0.00	---	0.0	---	0.00	---	0.0	---	0.00	---

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har Lbs per Acre	SE
NOP	0.0	---	0.00	---

Current Stratum Combinations:  
 Seasons 10 - september, 11 - October, 5 - April (ow), 6 - May, june, july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE Acre	SE	Angler Hours	SE	AnHr/ Acre	SE	Angl per Inter	SE	Avg Trip Len	SE	No. Intv
			3029.7	614.8	5.28	1.07	2.35	---	6.15	---	36

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.3394	---	0.5811	---	0.9205	---	121.0	21	
LMB	0.0000	---	1.5222	---	1.5222	---	24.5	5	
NOP	0.0000	---	0.0000	---	0.0000	---	0.5	1	
SUN	1.2484	---	4.9749	---	6.2234	---	144.5	23	
YEP	0.0000	---	0.0000	---	0.0000	---	3.3	1	

Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0069	0.0138	0.0069	0.0138	187.0	
BOF	0.0000	---	0.0039	---	0.0039	---	187.0	
CRP	0.2595	---	0.3779	---	0.6373	---	187.0	
LMB	0.0320	---	0.4710	---	0.5030	---	187.0	
NOP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	187.0	
SUN	0.7847	---	2.7688	---	3.5535	---	187.0	
YEP	0.0000	0.0000	0.0093	0.0139	0.0093	0.0139	187.0	
ALL	1.0761	---	3.6377	---	4.7138	---	187.0	

Sarah summer 2003: shore-based anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest	SE	Har per Acre	SE	Release	SE	Rel per Acre	SE	Catch	SE	Cat per Acre	SE
BLH	0.0	0.0	0.00	0.00	20.8	41.6	0.04	0.07	20.8	41.6	0.04	
BOF	0.0	---	0.00	---	11.7	---	0.02	---	11.7	---	0.02	--
CRP	786.1	---	1.37	---	1144.8	---	1.99	---	1930.9	---	3.36	--
LMB	97.0	---	0.17	---	1427.1	---	2.49	---	1524.1	---	2.66	--
NOP	0.0	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.0	0.0	0.00	
SUN	2377.3	---	4.14	---	8388.8	---	14.61	---	10766.0	---	18.76	--
YEP	0.0	0.0	0.00	0.00	28.0	41.7	0.05	0.07	28.0	41.7	0.05	
ALL	3260.3	---	5.68	---	11021.2	---	19.20	---	14281.5	---	24.88	--

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs	SE	Har lbs per Acre	SE
CRP	265.2	---	0.46	---
LMB	150.8	---	0.26	---
SUN	656.5	---	1.14	---
ALL	1072.5	---	1.87	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE	Har AvLn	SE	Rel AvLn	SE	Cat AvLn	SE
BLH	---	---	---	---	---	---	---	---	13.20	37.40	13.20	37.40
BOF	---	---	---	---	---	---	---	---	23.60	---	23.60	---
CRP	7.85	---	---	---	7.85	---	8.14	---	6.80	---	8.00	---
LMB	---	---	8.00	---	8.00	---	13.73	---	8.69	---	13.82	---
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	6.99	---	---	---	6.99	---	6.91	---	4.20	---	6.73	---
YEP	---	---	---	---	---	---	---	---	6.30	13.26	7.00	14.73

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE	Har AvWt	SE	Rel AvWt	SE	Cat AvWt	SE
BLH	---	---	---	---	---	---	---	---	1.33	3.77	1.33	3.77
BOF	---	---	---	---	---	---	---	---	4.59	---	4.59	---
CRP	0.30	---	---	---	0.30	---	0.34	---	0.17	---	0.33	---
LMB	---	---	0.24	---	0.24	---	1.55	---	0.47	---	1.58	---
NOP	---	---	---	---	---	---	---	---	---	---	---	---
SUN	0.28	---	---	---	0.28	---	0.28	---	0.08	---	0.25	---
YEP	---	---	---	---	---	---	---	---	0.11	0.23	0.16	0.34

Current Stratum Combinations:

Seasons- september, October, April, May, june, july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	SUN
[0.0, 3.0)	---	---	---
[3.0, 3.5)	---	---	---
[3.5, 4.0)	---	---	---
[4.0, 4.5)	---	---	---
[4.5, 5.0)	---	---	---
[5.0, 5.5)	---	---	---
[5.5, 6.0)	---	---	---
[6.0, 6.5)	---	---	7
[6.5, 7.0)	---	---	22
[7.0, 7.5)	1	---	35
[7.5, 8.0)	6	---	17
[8.0, 8.5)	6	---	3
[8.5, 9.0)	4	---	---
[9.0, 9.5)	1	---	---
[9.5, 10.0)	---	---	---
[10.0, 10.5)	---	---	---
[10.5, 11.0)	---	---	---
[11.0, 11.5)	---	1	---
[11.5, 12.0)	---	1	---
[12.0, 13.0)	---	---	---
[13.0, 14.0)	---	---	---
[14.0, 15.0)	---	---	---
[15.0, 16.0)	---	2	---
[16.0, 17.0)	---	1	---
[17.0, 18.0)	---	---	---
[18.0, 19.0)	---	---	---
[19.0, 20.0)	---	---	---
[20.0, 21.0)	---	---	---
[21.0, 22.0)	---	---	---
[22.0, 23.0)	---	---	---
[23.0, 24.0)	---	---	---
[24.0, 25.0)	---	---	---
[25.0, 26.0)	---	---	---
[26.0, 27.0)	---	---	---
[27.0, 28.0)	---	---	---
[28.0, 29.0)	---	---	---
[29.0, 30.0)	---	---	---
[30.0, 31.0)	---	---	---
[31.0, 32.0)	---	---	---
[32.0, 33.0)	---	---	---
[33.0, 34.0)	---	---	---
[34.0, 35.0)	---	---	---
[35.0, 36.0)	---	---	---
[36.0, 37.0)	---	---	---
[37.0, 38.0)	---	---	---
[38.0, 39.0)	---	---	---
[39.0, 40.0)	---	---	---
[40.0, and up)	---	---	---
Total	18	5	84
Min. Length	7.00	11.25	6.00
Max. Length	9.00	16.75	8.00
Mean Length	8.01	14.10	7.01

Current Stratum Combinations:  
 Seasons- september, October, April, May, june, july, august  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 5 - Shore+Pier Anglers / Angler Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	LMB
[0.0, 3.0)	---
[3.0, 3.5)	---
[3.5, 4.0)	---
[4.0, 4.5)	---
[4.5, 5.0)	---
[5.0, 5.5)	---
[5.5, 6.0)	---
[6.0, 6.5)	---
[6.5, 7.0)	---
[7.0, 7.5)	---
[7.5, 8.0)	---
[8.0, 8.5)	1
[8.5, 9.0)	---
[9.0, 9.5)	---
[9.5, 10.0)	---
[10.0, 10.5)	---
[10.5, 11.0)	---
[11.0, 11.5)	---
[11.5, 12.0)	---
[12.0, 13.0)	2
[13.0, 14.0)	---
[14.0, 15.0)	---
[15.0, 16.0)	---
[16.0, 17.0)	1
[17.0, 18.0)	---
[18.0, 19.0)	---
[19.0, 20.0)	---
[20.0, 21.0)	---
[21.0, 22.0)	---
[22.0, 23.0)	---
[23.0, 24.0)	---
[24.0, 25.0)	---
[25.0, 26.0)	---
[26.0, 27.0)	---
[27.0, 28.0)	---
[28.0, 29.0)	---
[29.0, 30.0)	---
[30.0, 31.0)	---
[31.0, 32.0)	---
[32.0, 33.0)	---
[33.0, 34.0)	---
[34.0, 35.0)	---
[35.0, 36.0)	---
[36.0, 37.0)	---
[37.0, 38.0)	---
[38.0, 39.0)	---
[39.0, 40.0)	---
[40.0, and up)	---
Total	4
Min. Length	8.00
Max. Length	16.00
Mean Length	12.13

Current Stratum Combinations:  
 Seasons 10 - september, October, April, May, june, july, august  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

-----  
 Effort and Effort per Acre  
 -----

Boat Hours	BtHr/ SE	Acre SE	Angler Hours SE	AnHr/ Acre SE	Angl per Inter SE	Avg Trip Len SE	No. Intv				
			21066.5	1691.9	36.70	2.95	2.04	---	3.70	---	312

Catch Per Angler-Hour  
 -----

Targeting Anglers									
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	No. Intv	
CRP	0.4513	---	0.3213	---	0.7727	---	676.5	113	
LMB	0.0634	---	1.1885	---	1.2518	---	755.8	125	
NOP	0.1186	---	0.1353	---	0.2539	---	235.3	37	
SUN	2.3062	0.2558	3.6317	0.4133	5.9379	0.6042	763.5	129	
YEP	0.0000	---	0.0609	---	0.0609	---	106.5	15	

Catch Per Angler-Hour  
 -----

All Anglers								
Spp	Har/ AnHr	SE	Rel/ AnHr	SE	Cat/ AnHr	SE	Ang Hrs	
BLH	0.0000	0.0000	0.0015	0.0011	0.0015	0.0011	1845.0	
BOF	0.0000	0.0000	0.0032	0.0016	0.0032	0.0016	1845.0	
CRP	0.1802	0.0473	0.1831	0.0370	0.3632	0.0752	1845.0	
LMB	0.0564	0.0164	0.5215	0.0239	0.5780	0.0180	1845.0	
NOP	0.0070	0.0031	0.0262	0.0064	0.0332	0.0080	1845.0	
SUN	1.0024	0.0990	1.6788	0.3301	2.6812	0.5041	1845.0	
WAE	0.0000	0.0000	0.0003	0.0003	0.0003	0.0003	1845.0	
YEP	0.0011	0.0011	0.0079	0.0024	0.0090	0.0027	1845.0	
ALL	1.2471	0.1110	2.4226	0.3331	3.6696	0.5101	1845.0	



Lk. Sarah summer 2003: boat anglers

Total Catch Numbers and Numbers per Acre

Spp	Harvest		Har per Acre		Release		Rel per Acre		Catch		Cat per Acre	
		SE		SE		SE		SE		SE		SE
BLH	0.0	0.0	0.00	0.00	31.0	23.0	0.05	0.04	31.0	23.0	0.05	0.04
BOF	0.0	0.0	0.00	0.00	68.1	33.6	0.12	0.06	68.1	33.6	0.12	0.06
CRP	3795.7	956.5	6.61	1.67	3856.7	817.6	6.72	1.42	7652.4	1573.1	13.33	2.74
LMB	1188.8	350.1	2.07	0.61	10987.1	1569.1	19.14	2.73	12175.9	1619.6	21.21	2.82
NOP	147.8	47.7	0.26	0.08	552.3	135.0	0.96	0.24	700.1	140.6	1.22	0.24
SUN	21116.5	3611.9	36.79	6.29	35366.6	6346.4	61.61	11.06	56483.1	9601.9	98.40	16.73
WAE	0.0	0.0	0.00	0.00	5.8	5.7	0.01	0.01	5.8	5.7	0.01	0.01
YEP	22.2	23.7	0.04	0.04	167.2	48.6	0.29	0.08	189.5	54.0	0.33	0.09
ALL	26271.0	3753.1	45.77	6.54	51034.8	6590.1	88.91	11.48	77305.8	9865.1	134.68	17.19

Total Catch Pounds and Pounds per Acre

Spp	Harvest Lbs		Har lbs per acre	
		SE		SE
CRP	1814.0	525.4	3.16	0.92
LMB	2139.4	---	3.73	---
NOP	724.2	450.5	1.26	0.78
SUN	6457.4	1530.6	11.25	2.67
YEP	4.0	4.3	0.01	0.01
ALL	11139.0	---	19.41	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvLn		AvLn		AvLn		AvLn		AvLn		AvLn	
BLH	---	---	---	---	---	---	---	---	13.20	13.86	13.20	13.86
BOF	---	---	---	---	---	---	---	---	23.99	16.70	23.99	16.70
CRP	8.94	---	---	---	8.94	---	9.33	3.66	6.80	2.04	9.26	3.07
LMB	14.72	---	14.53	---	14.61	---	14.16	8.40	14.52	4.37	14.63	4.88
NOP	26.72	---	22.86	---	25.19	---	27.08	15.07	25.42	8.96	25.88	7.29
SUN	7.16	---	---	---	7.16	---	7.23	---	4.20	---	7.16	---

Average Length (Units, ie. inches or cm)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvLn		AvLn		AvLn		AvLn		AvLn		AvLn	
WAE	---	---	---	---	---	---	---	---	10.00	13.88	10.00	13.89
YEP	---	---	---	---	---	---	7.40	11.13	6.30	2.59	7.00	2.82

Average Weight (Units, ie. lbs or kgs)

Spp	Targeting Anglers						All Anglers					
	Har	SE	Rel	SE	Cat	SE	Har	SE	Rel	SE	Cat	SE
	AvWt		AvWt		AvWt		AvWt		AvWt		AvWt	
BLH	---	---	---	---	---	---	---	---	1.33	1.40	1.33	1.40
BOF	---	---	---	---	---	---	---	---	4.88	3.39	4.88	3.39
CRP	0.42	---	---	---	0.42	---	0.48	0.18	0.17	0.05	0.47	0.15
LMB	2.02	---	1.84	---	1.88	---	1.80	---	1.88	---	1.93	---
NOP	4.93	---	3.01	---	4.25	---	4.90	3.42	4.13	1.42	4.33	---
SUN	0.29	---	---	---	0.29	---	0.31	0.09	0.08	0.02	0.30	0.09
WAE	---	---	---	---	---	---	---	---	0.28	0.39	0.28	0.44
YEP	---	---	---	---	---	---	0.18	0.27	0.11	0.05	0.16	0.06

Current Stratum Combinations:

Seasons- september, October, April, May, 7 - june, 8 - july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

Total Length Frequency Distribution for Kept and Measured Fish

Length Category	CRP	LMB	NOP	SUN
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	---	---	4
[6.5, 7.0)	---	---	---	34
[7.0, 7.5)	1	---	---	112
[7.5, 8.0)	6	---	---	81
[8.0, 8.5)	19	---	---	3
[8.5, 9.0)	24	---	---	2
[9.0, 9.5)	17	2	---	---
[9.5, 10.0)	14	1	---	---
[10.0, 10.5)	8	1	---	---
[10.5, 11.0)	6	2	---	---
[11.0, 11.5)	---	2	---	---
[11.5, 12.0)	2	2	---	---
[12.0, 13.0)	2	14	---	---
[13.0, 14.0)	2	8	---	---
[14.0, 15.0)	1	14	---	---
[15.0, 16.0)	---	3	---	---
[16.0, 17.0)	---	9	---	---
[17.0, 18.0)	---	9	---	---
[18.0, 19.0)	---	5	1	---
[19.0, 20.0)	---	1	---	---
[20.0, 21.0)	---	1	1	---
[21.0, 22.0)	---	1	1	---
[22.0, 23.0)	---	---	---	---
[23.0, 24.0)	---	---	1	---
[24.0, 25.0)	---	---	1	---
[25.0, 26.0)	---	---	---	---
[26.0, 27.0)	---	---	2	---
[27.0, 28.0)	---	---	1	---
[28.0, 29.0)	---	---	1	---
[29.0, 30.0)	---	---	2	---
[30.0, 31.0)	---	---	---	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	1	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	1	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	---	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	102	75	13	236
Min. Length	7.25	9.00	18.00	6.25
Max. Length	14.50	21.50	34.50	8.50
Mean Length	9.17	14.49	26.12	7.22

Current Stratum Combinations:  
 Seasons 10 - september, 11 - October, 5 - April, May, june, july, august,  
 Day Types 1 - Weekdays, 2 - Weekends-Holidays,  
 Areas SA - SA, Lake Sarah, 574 Acres,  
 Angler Types 7 - Boat Anglers / Boat Cnt,

Total Length Frequency Distribution for Released Fish

Length Category	BOF	LMB	NOP	WAE
[0.0, 3.0)	---	---	---	---
[3.0, 3.5)	---	---	---	---
[3.5, 4.0)	---	---	---	---
[4.0, 4.5)	---	---	---	---
[4.5, 5.0)	---	---	---	---
[5.0, 5.5)	---	---	---	---
[5.5, 6.0)	---	---	---	---
[6.0, 6.5)	---	2	---	---
[6.5, 7.0)	---	---	---	---
[7.0, 7.5)	---	---	---	---
[7.5, 8.0)	---	---	---	---
[8.0, 8.5)	---	9	---	---
[8.5, 9.0)	---	---	---	---
[9.0, 9.5)	---	2	---	---
[9.5, 10.0)	---	---	---	---
[10.0, 10.5)	---	20	---	1
[10.5, 11.0)	---	---	---	---
[11.0, 11.5)	---	3	---	---
[11.5, 12.0)	---	12	---	---
[12.0, 13.0)	---	100	---	---
[13.0, 14.0)	---	34	---	---
[14.0, 15.0)	---	45	---	---
[15.0, 16.0)	---	78	2	---
[16.0, 17.0)	---	45	---	---
[17.0, 18.0)	---	29	1	---
[18.0, 19.0)	---	37	4	---
[19.0, 20.0)	---	4	1	---
[20.0, 21.0)	---	2	1	---
[21.0, 22.0)	---	---	---	---
[22.0, 23.0)	---	---	1	---
[23.0, 24.0)	---	---	3	---
[24.0, 25.0)	---	---	3	---
[25.0, 26.0)	---	---	4	---
[26.0, 27.0)	1	---	2	---
[27.0, 28.0)	---	---	2	---
[28.0, 29.0)	---	---	1	---
[29.0, 30.0)	---	---	2	---
[30.0, 31.0)	---	---	2	---
[31.0, 32.0)	---	---	---	---
[32.0, 33.0)	---	---	---	---
[33.0, 34.0)	---	---	---	---
[34.0, 35.0)	---	---	---	---
[35.0, 36.0)	---	---	---	---
[36.0, 37.0)	---	---	2	---
[37.0, 38.0)	---	---	---	---
[38.0, 39.0)	---	---	---	---
[39.0, 40.0)	---	---	---	---
[40.0, and up)	---	---	---	---
Total	1	422	31	1
Min. Length	26.80	6.00	15.00	10.00
Max. Length	26.80	20.00	36.50	10.00
Mean Length	26.80	14.12	24.15	10.00

## Appendix E: Survey Schedule

### Independence / Sarah / Medicine Lakes Revised Winter creel survey schedule (3/6/03)

SUN	MON	TUE	WED	THUR	FRI	SAT
12-22	12-23	12-24 I, M, S	12-25 HOLIDAY	12-26	12-27 I, M, S	12-28
12-29	12-30	12-31 I, M, S	1-1-03 HOLIDAY	1-2	1-3 I, M, S	1-4
1-5 LATE I, M	1-6	1-7	1-8 I, M, S	1-9	1-10	1-11
1-12	1-13	1-14	1-15	1-16	1-17	1-18 LATE S, I
1-19	1-20 HOLIDAY	1-21	1-22 EARLY S, M	1-23	1-24	1-25
1-26 EARLY I, M, S	1-27	1-28 LATE S, I	1-29	1-30 EARLY I, M, S	1-31	2-1
2-2 EARLY M, I	2-3	2-4 LATE M, I	2-5 LATE M, S	2-6	2-7	2-8 EARLY M, S
2-9	2-10	2-11	2-12 LATE I, S	2-13	2-14 EARLY M, S	2-15
2-16 LATE I, S	2-17 HOLIDAY	2-18 EARLY I, M	2-19	2-20 EARLY I, S	2-21	2-22
2-23 AFT S, M, I	2-24 EARLY M, I	2-25	2-26	2-27 LATE S, I	2-28	3-1 EARLY M, I
3-2	3-3	3-4	3-5	3-6	3-7 EARLY I, S, M	3-8
3-9 LATE I, S, M	3-10	3-11 LATE S, M, I	3-12	3-13 EARLY M, S	3-14	3-15 EARLY I, S, M
3-16	3-17 EARLY S, M	3-18	3-19 LATE M, I	3-20	3-21 EARLY I, S	3-22
3-23 LATE I, S, M	3-24 EARLY M, I	3-25 LATE S, I	<u>EARLY shift 6-2:30; LATE shift 1-9:30</u> <u>Lakes: I=Independence, S=Sarah, M=Medicine</u> <u>See following pages for more detail</u>			

Date	Shift	Lakes	1st Count	2nd Count	3rd Count	4 <sup>th</sup> Count
Feb 10						
11 TS						
12	Late	Sarah / Ind	I 1400	I 1630	S 1730	S 1830
13						
14	Early	Sarah / Med	S 730	M 830	M 1130	S 1200
15						
16	Late	Sarah / Ind	I 1530	I 1630	S 1800	S 1900
17	HOLIDAY					
Feb 18	Early	Med / Ind	I 730	M 830	M 1030	I 1130
19						
20	Early	Sarah / Ind	I 830	S 1030	S 1130	I 1230
21						
22						
23	Late	All 3	S 1300	I 1400 I 1430	S 1630	M 1700 M 1830
24	Early	Med / Ind	M 800	M 930	I 1100	I 1200
25						
26						
27	Late	Sarah / Ind	I 1400	S 1500	S 1700	I 1930
Feb 28						
Mar 1	Late	Med / Sarah	M 1400	S 1600	S 1700	M 1930
2	Late	Sarah / Ind	S 1400	I 1500	I 1730	S 2000
3	Early	Med / Ind	M 800	I 1000	I 1130	M 1330
4	Late	Sarah / Ind	S 1400	I 1630	I 1730	S 1830
Mar 5						

Date	Shift	Lakes	1st Count	2nd Count	3rd Count	4th Count
March 7	Early	All 3 Lakes	M 730 I 830	S 930 S 1100	I 1200	M 1330
8						
9	Late	All 3 Lakes	S 1400 I 1500	S 1600 I 1700	M 1730	M 1900
10						
11 TS	Late	All 3 Lakes	I 1430 I 1600	M 1630 S 1800	S 1900	M 2000
12						
13	Early	Med / Sarah	M 900	M 930	S 1030	S 1230
14						
15	Early	All 3 Lakes	I 730 M 830	S 930 S 1030	M 1130	I 1230
16						
17	Early	Med / Sarah	S 700	M 1130	M 1230	S 1330
18						
19	Late	Med / Ind	M 1500	M 1700	I 1730	I 1830
20						
21	Early	Sarah / Ind	I 830	S 930	S 1100	I 1300
22						
23	Late	All 3 Lakes	I 1400 S 1530	M 1630 S 1730	M 1830	I 1930
24	Early	Med / Ind	M 800	M 930	S 1030	S 1100
25 TS	Late	Sarah / Ind	I 1300	S 1330	I 1600	S 1630

EARLY Shift 0600-1430

LATE Shift 1300-2130

TS -- Time sheets due to supervisor by 9 am on this day; plan accordingly so report is not late

Independence/Medicine/Sarah Lakes Sampling Schedule (2nd ed. 5/9/03)

April 16 - 30, 2003

SUNDAY	MONDAY	TUESDAY	WED	THURS	FRIDAY	SAT
		4/1	2	3	4	5
6	7	8*	9	10	11	12
13	14 orient 0700-1530	15 field 0700-1530	16 I/M/S 0700-1530	17 EARLY I S	18 LATE I M	19 EARLY S I
20 LATE S M	21 OFF	22* OFF	23 LATE M I	24 EARLY S I +	25 OFF	26 EARLY M I
27 LATE I M	28 OFF	29 EARLY S M	30 LATE M S	May on	next page	

EARLY Shift 0600-1430      LATE Shift 1300-2130      start-July 31

\* = end of pay period; time sheet due in Area Office

H = Holiday-- paid day off or OT pay plus VAC or COMP time

Lake codes: Independence, Sarah, Medicine

Lks. Independence/Sarah/Medicine Sampling Schedule  
 May 1 - July 26, 2003

SUNDAY	MONDAY	TUESDAY	WED	THURS	FRIDAY	SAT
				5/1 OFF	2 OFF	3 EARLY M S
4 LATE M I	5 EARLY I M	6* field 0700-1530	7 OFF	8 OFF	9 LATE S M	10 LATE S I
11 EARLY S I	12 EARLY I S	13 class 0800-1630	14 OFF	15 LATE S I M	16 field 0700-1530	17 EARLY S M
18 LATE I M	19 LATE M I	20* OFF	21 LATE M I	22 EARLY S I M	23 OFF	24 EARLY M I
25 LATE I S	26H EARLY S I	27 OFF	28 EARLY M S	29 OFF	30 LATE I S	5/31 LATE M S
6/1 LATE S M	2 OFF	3* LATE S I	4 field 0700-1530	5 EARLY S I	6 LATE I M	7 LATE S I
8 LATE I M	9 OFF	10 OFF	11 LATE M S	12 OFF	13 EARLY S M	14 EARLY I S
15 LATE S M	16 EARLY M S	17* OFF	18 OFF	19 EARLY I S	20 field 0700-1530	21 EARLY I M
22 EARLY S I	23 OFF	24 LATE M I	25 OFF	26 OFF	27 LATE M I	28 LATE M I
29 EARLY M S	6/30 LATE M I	7/1* LATE S I	2 OFF	3 EARLY I M	4H EARLY M I	5 LATE S M
6 EARLY M S	7 OFF	8 OFF	9 OFF	10 LATE S M	11 LATE I S	12 EARLY S M
13 LATE I S	14 OFF	15* EARLY M S	16 field 0700-1530	17 LATE M S	18 OFF	19 LATE M I
20 EARLY I S	21 EARLY M I	22 OFF	23 EARLY S I	24 OFF	25field 0700-1530	26 EARLY I M

EARLY Shift 0600-1430      LATE Shift 1300-2130      start-July 31

\* = end of pay period-- time sheet due in Area Office

H = Holiday-- paid day off or OT pay plus VAC/COMP time



Lks. Independence/Sarah/Medicine Sampling Schedule  
 July 27 - October 15, 2003

SUNDAY	MONDAY	TUESDAY	WED	THURS	FRIDAY	SAT
27 LATE I S	28 OFF	29* EARLY S I	30 LATE S M	7/31 OFF	8/1 LATE M S	2 LATE S I
3 LATE S I	4 OFF	5 EARLY I M	6 field 0700-1530	7 EARLY I S	8 OFF	9 EARLY S M
10 LATE S M	11 LATE M I	12* OFF	13 OFF	14 OFF	15 EARLY I M	16 EARLY I S
17 LATE M I	18 field 0700-1530	19 EARLY I S	20 OFF	21 EARLY S M	22 LATE S I	23 EARLY I M
24 LATE I M	25 LATE S I	26* OFF	27 OFF	28 LATE S M	29 OFF	30 LATE S M
8/31 LATE I M	9/1 HOL OFF	2 FAIR+ S I 700-1530	3 EARLY S M	4 OFF	5 EARLY I M	6 LATE S M
7 LATE S I	8 OFF	9* EARLY I M	10 LATE M I	11 OFF	12 LATE S I	13 LATE I M
14 EARLY M I	15 LATE I S	16 OFF	17 OFF	18 EARLY S I	19 OFF	20 EARLY I S
21 EARLY S I	22 LATE M I	23* EARLY M S	24 EARLY S M	25 OFF	26 field 0700-1530	27 EARLY M I
28 LATE S M	29 EARLY M S	9/30 OFF	10/1 OFF	2 OFF	3 S I M	4 S I
5 M S	6 OFF	7* M S I	8 OFF	9 OFF	10 OFF	11 S I M
12 M I	13 M S I	14 0700-1530 LAST DAY	M 0800 I 0900 S 1000 cc	16	17	10/18

EARLY Shift 0600-1430 July and August; 0630-1500 in September  
 LATE Shift 1300-2130 July; 1230-2100 August; 1200-2030 September  
 1 October Shift 1000-2030

H/HOL = Holiday- paid day off or OT pay plus VAC/COMP time

\* = end of pay period; time sheet due in Area Office by 0900 that day

FAIR = State Fair work; 0700-1530 shift starting with fish netting, followed by counts/interviews after 1030

ASAP- drive directly to lake, make count as early as you can @ shift start

Date	Shift	Lakes	1 <sup>st</sup> Count	2nd Count	3rd Count	4th Count
April 16	700-1530	all 3; orient	n/a	n/a	n/a	--
17	700-1530	Ind / Sarah	I 900	I 1030	S 1130	S 1230
18	Late	Ind / Med	I 1330	I 1430	M 1800	M 1930
19	Early	Sarah / Ind	S 830	S 1000	I 1230	I 1330
20 TS	Late	Sarah / Med	S 1400	S 1530	M 1730	M 1900
21-22TS	OFF					
23	Late	Med / Ind	M 1400	M 1500	I 1700	I 1830
24	Early	Sarah / Ind / any missed 4/16	S 1000	S 1030	I 1200	I 1300
25	OFF					
26	Early	Med / Ind	M 800	M 900	I 1000	I 1300
27	Late	Ind / Med	I 1500	I 1700	M 1730	M 1830
28	OFF					
29	Early	Sarah / Med	S 730	S 1000	M 1100	M 1930
Apr 30	Late	Med / Sarah	M 1600	M 1700	S 1800	S 2000
May 1-2	OFF					
3	Early	Med / Sarah	M 730	M 930	S 1030	S 1130
4	Late	Med / Ind	M 1500	M 1600	I 1830	I 2000
5	Early	Ind / Med	I ASAP	I 1030	M 1200	M 1300
6 TS	700-1530	FIELD				
7-8	OFF					
9	Late	Sarah / Med	S 1500	S 1630	M 1800	M 1900
10	Late	Sarah / Ind	S 1430	S 1530	I 1730	I 1930
11	Early	Sarah / Ind	S 630	S 830	I 1000	I 1200
12	Early	Ind / Sarah	I 700	I 930	S 1100	S 1300
May 13	800-1630	CLASS				

Early Shift 0600-1430 July and August; 0630-1500 in September

LATE Shift 1300-2130 July; 1230-2100 August; 1200-2030 September

1 October Shift 1000-2030

ASAP- drive directly to lake, make count as early as you can @ shift start

TS-time sheet due at Daryl's desk by 9 am this day; submit earlier if day off

Date	Shift	Lakes	1st Count	2nd Count	3rd Count	4th Count
May 14	OFF					
15	Late	All 3	M ASAP M 1530	I 1630 I 1730	S 1830	S 2000
16	700-1530	FIELD				
17	Early	Sarah / Med	S 700	S 930	M 1100	M 1200
18	Late	Ind / Med	I 1600	I 1730	M 1930	M 2030
19 TS	Late	Med / Ind	M 1330	M 1500	I 1800	I 1900
20 TS	OFF					
21	Late	Med / Ind	M 1430	M 1730	I 1830	I 2000
22	Early	All 3	S 800 S 900	I 1000 I 1130	M 1200	M 1330
23	OFF					
24	Early	Med / Ind	M 700	M 900	I 1200	I 1300
25	Late	Ind / Sarah	I 1400	I 1500	S 1630	S 1800
26 HOL	Early	Sarah / Ind	S 800	S 930	I 1000	I 1100
27	OFF					
28	Early	Med / Sarah	M 730	M 1030	S 1130	S 1230
29	OFF					
30	Late	Ind / Sarah	I 1400	I 1500	S 1700	S 1800
May 31	Late	Med / Sarah	M 1530	M 1700	S 1830	S 2000
June 1	Late	Sarah / Med	S 1330	S 1630	M 1800	M 2000
2	OFF					
3 TS	Late	Sarah / Ind	S 1500	S 1700	I 1830	I 2000
4	700-1530	FIELD				
5	Early	Sarah / Ind	S 700	S 930	I 1030	I 1200
6	Late	Ind / Med	I 1330	I 1500	M 1730	M 2000
7	Late	Sarah / Ind	S 1530	S 1630	I 1800	I 1930
8	Late	Ind / Med	I 1400	I 1530	M 1700	M 1830
Jn 9-10	OFF					

Early Shift 0600-1430 through August; 0630-1500 in September LATE Shift 1300-2130 through July; 1230-2100 August; 1200-2030 September  
1 October Shift 1000-2030 HOL-designated holiday; 1.5x base pay if worked ASAP- drive directly to lake, make count as early as you can @ shift start  
TS-time sheet due at Daryl's desk by 9 am this day; submit earlier if day off

Date	Shift	Lakes	1st Count	2nd Count	3rd Count	4 <sup>th</sup> Count
June 11	Late	Med / Sarah	M 1330	M 1430	S 1800	S 2000
12	OFF					
13	Early	Sarah / Med	S 700	S 830	M 1100	M 1200
14	Early	Ind / Sarah	I 800	I 1030	S 1130	S 1230
15	Late	Sarah / Med	S 1400	S 1500	M 1630	M 1800
16 TS	Early	Med / Sarah	M ASAP	M 830	S 1000	S 1100
17TS-18	OFF					
19	Early	Ind / Sarah	I 900	I 1000	S 1130	S 1230
20	700-1530	FIELD				
21	Early	Ind / Med	I ASAP	I 900	M 1100	M 1200
22	Early	Sarah / Ind	S 900	S 1030	I 1130	I 1300
23	OFF					
24	Late	Med / Ind	M ASAP	M 1700	I 1800	I 1900
25-26	OFF					
27	Late	Med / Ind	M 1600	M 1730	I 1830	I 1930
28	Late	Med / Ind	M 1500	M 1600	I 1800	I 1930
29	Early	Med / Sarah	M ASAP	M 930	S 1100	S 1200
June 30	TS Late	Med / Ind	M 1400	M 1630	I 1730	I 1900
Jul 1TS	Late	Sarah / Ind	S ASAP	S 1500	I 1730	I 2000
July 2	OFF					
3	Early	Ind / Med	I 700	I 1000	M 1130	M 1230
4 HOL	Early	Med / Ind	M 730	M 930	I 1100	I 1200
5	Late	Sarah / Med	S 1430	S 1530	M 1730	M 1900
6	Early	Med / Sarah	M 830	M 930	S 1030	S 1230
7-9	OFF					
July 10	Late	Sarah / Med	S ASAP	S 1700	M 1830	M 2000

Early Shift 0600-1430 through August; 0630-1500 in September

LATE Shift 1300-2130 through July; 1230-2100 August; 1200-2030 September

1 October Shift 1000-2030 HOL-designated holiday; 1.5x base pay if worked

ASAP- drive directly to lake, make count as early as you can @ shift start

TS-time sheet due at Daryl's desk by 9 am this day; submit earlier if day off

Date	Shift	Lakes	1st Count	2nd Count	3rd Count	4th Count
July 11	Late	Ind / Sarah	I ASAP	I 1530	S 1800	S 1930
12	Early	Sarah / Med	S 700	S 800	M 1030	M 1130
13	Late	Ind / Sarah	I 1500	I 1700	S 1830	S 2000
14	OFF					
15 TS	Early	Med / Sarah	M 730	M 930	S 1100	S 1200
16	7-3:30	FIELD				
17	Late	Med / Sarah	M ASAP	M 1530	S 1800	S 1930
18	OFF					
19	Late	Med / Ind	M ASAP	M 1500	I 1700	I 1830
20	Early	Ind / Sarah	I 730	I 900	S 1100	S 1230
21	Early	Med / Ind	M 700	M 930	I 1030	I 1200
22	OFF					
23	Early	Sarah / Ind	S ASAP	S 800	I 1000	I 1200
24	OFF					
25	7-3:30	FIELD				
26	Early	Ind / Med	I 800	I 930	M 1130	M 1230
27	Late	Ind / Sarah	I ASAP	I 1500	S 1700	S 2000
28	OFF					
29 TS	Early	Sarah / Ind	S 800	S 900	I 1100	I 1200
30	Late	Sarah / Med	S 1500	S 1630	M 1830	M 2000
July 31	OFF					
Aug 1	Late	Med / Sarah	M 1430	M 1630	S 1830	S 1900
2	Late	Sarah / Ind	S 1400	S 1600	I 1800	I 1930
3	Late	Sarah / Ind	S 1530	S 1630	I 1730	I 1930
Aug 4	OFF					

Early Shift 0600-1430 through August; 0630-1500 in September

LATE Shift 1300-2130 through July; 1230-2100 August; 1200-2030 September

1 October Shift 1000-2030 HOL-designated holiday; 1.5x base pay if worked

ASAP- drive directly to lake, make count as early as you can @ shift start

TS-time sheet due at Daryl's desk by 9 am this day; submit earlier if day off

Date	Shift	Lakes	1st Count	2nd Count	3rd Count	4 <sup>th</sup> Count
Aug 5	Early	Ind / Med	I 700	I 900	M 1100	M 1230
6	7-3:30	FIELD				
7	Early	Ind / Sarah	I 800	I 900	S 1100	S 1230
8	OFF					
9	Early	Sarah / Med	S 830	S 1000	M 1100	M 1300
10	Late	Sarah / Med	M 1330	M 1430	S 1730	S 1930
11	Late TS	Med / Ind	M 1430	M 1600	I 1800	I 1900
12TS-14	OFF					
15	Early	Ind / Med	I 800	I 930	M 1130	M 1230
16	Early	Ind / Sarah	I 730	I 900	S 1030	S 1200
17	Late	Med / Ind	M 1400	M 1500	I 1730	I 1830
18	7-3:30	FIELD				
19	Early	Ind / Sarah	I 700	I 900	S 1100	S 1200
20	OFF					
21	Early	Sarah / Med	S 800	S 900	M 1200	M 1330
22	Late	Sarah / Ind	S 1400	S 1630	I 1830	I 1930
23	Early	Ind / Med	I 830	I 1000	M 1100	M 1200
24	Late	Ind / Med	I 1530	I 1630	M 1730	M 1900
25 TS	Late	Sarah / Ind	S 1430	S 1700	I 1800	I 1900
26TS-27	OFF					
28	Late	Sarah / Med	S ASAP	S 1630	M 1730	M 2000
29	OFF					
30	Late	Sarah / Med	S 1430	S 1700	M 1900	M 2000
Aug 31	Late	Ind / Med	I 1430	I 1600	M 1700	M 1830
Sept 1	OFF	HOL				
2	7-3:30	Fair/ S / I	S 1030	S 1100	I 1230	I 1330
Sept 3	Early	Sarah / Med	S 730	S 1000	M 1130	M 1300

Early Shift 0600-1430 through August; 0630-1500 in September

Late Shift 1230-2100 August; 1200-2030 September

1 October Shift 1000-2030 HOL-designated holiday; 1.5x base pay if worked

ASAP- drive directly to lake, make count as early as you can @ shift start

TS-time sheet due at Daryl's desk by 9 am this day; submit earlier if day off

Date	Shift	Lakes	1 <sup>st</sup> Count	2nd Count	3rd Count	4th Count
Sept 4	OFF					
5	Early	Ind / Med	I 800	I 900	M 1030	M 1330
6	Late	Sarah / Med	S 1330	S 1530	M 1730	M 1900
7	Late	Sarah / Ind	S 1400	S 1600	I 1800	I 1900
8	OFF					
9 TS	Early	Ind / Med	I 800	I 1000	M 1230	M 1400
10	Late	Med / Ind	M 1600	M 1700	I 1800	I 1900
11	OFF					
12	Late	Sarah / Ind	S 1500	S 1630	I 1730	S 1830
13	Late	Ind / Med	I 1330	I 1600	M 1700	M 1830
14	Early	Med / Ind	M 730	M 1000	I 1100	I 1930
15	Late	Ind / Sarah	I 1430	I 1600	S 1700	S 1900
16-17	OFF					
18	Early	Sarah / Ind	S 800	S 1000	I 1100	I 1330
19	OFF					
20	Early	Ind / Sarah	I 830	I 1030	S 1200	S 1330
21	Early	Sarah / Ind	S 900	S 1030	I 1200	I 1300
22	Late	Med / Ind	M 1400	M 1630	I 1730	I 1830
23 TS	Early	Med / Sarah	M 700	M 1000	S 1100	S 1400
24	Early	Sarah / Med	S 730	S 900	M 1000	M 1230
25	OFF					
26	7-3:30	FIELD				
27	Early	Med / Ind	M 800	M 1000	I 1130	I 1330
Sept 28	Late	Sarah / Med	S 1430	S 1600	M 1800	M 1900

Early Shift: 0630-1500 in September LATE Shift: 1200-2030 September  
1 October Shift 1000-2030 (10 a.m.-8:30 pm)  
ASAP- drive directly to lake, make count as early as you can @ shift start  
TS-time sheet due at Daryl's desk by 9 am this day; submit earlier if day off

Date	Shift	Lakes	1 <sup>st</sup> Count	2nd Count	3rd Count	4th Count
Sept 29	Early	Med / Sarah	M 800	M 900	S 1030	S 1300
Sept 30	OFF					
Oct 1-2	OFF					
3	10-8:30	all 3	S 1200 S 1300	I 1430 I 1600	M 1730	M 1900
4	10-8:30	Sarah / Ind	S 1300	S 1530	I 1630	I 1930
5 TS	10-8:30	Med / Sarah	M 1430	M 1600	S 1700	S 1900
6	OFF					
7 TS	10-8:30	all 3	M 1200 M 1300	S 1430 S 1600	I 1700	I 1830
8-10	OFF					
11	10-8:30	all 3	S 1230 S 1400	I 1530 I 1700	M 1800	M 1930
12	10-8:30	Med / Ind	M ASAP	M 1400	I 1700	I 1830
13	10-8:30	all 3	M 1300 M 1430	S 1530 S 1630	I 1730	I 1830
Oct. 14	7-3:30	all 3; last day	M 800	I 900	S 1000	

Early Shift: 0630-1500 in September LATE Shift: 1200-2030 September  
1 October Shift 1000-2030  
ASAP- drive directly to lake, make count as early as you can @ shift start  
TS-time sheet due at Daryl's desk by 9 am this day; submit earlier if day off





**Comments:**