

OPENWATER AND ICE CREEL 2014-2015

CREEL SURVEY SYNOPSIS

MWBC: 2470000
LAKE: Horseshoe Lake
COUNTY: Washburn
ACRES: 194

PROJECTED PRESSURE: 3767 HOURS

HOURS/ACRE: 19.4

| Species | Directed Effort (Hours) | (%) | Catch | Specific Catch Rate (Fish/Hour) | Harvest | Specific Harvest Rate (Fish/Hour) | Mean Length (Inches) |
|-----------------|-------------------------|-------|-------|---------------------------------|---------|-----------------------------------|----------------------|
| Walleye | 89 | 1.6% | 0 | 0.00 | 0 | 0.00 | |
| Northern Pike | 1,453 | 25.5% | 1,215 | 0.62 | 60 | 0.04 | 21.9 |
| Largemouth Bass | 2,302 | 40.4% | 2,615 | 1.01 | 333 | 0.13 | 13.9 |
| Smallmouth Bass | 6 | 0.1% | 2 | 0.39 | 0 | 0.00 | |
| Bluegill | 1,132 | 19.9% | 3,723 | 3.18 | 608 | 0.53 | 7.8 |
| Pumpkinseed | 301 | 5.3% | 387 | 0.75 | 196 | 0.22 | 8.0 |
| Black Crappie | 398 | 7.0% | 121 | 0.22 | 29 | 0.03 | 11.8 |
| Yellow Perch | 16 | 0.3% | 111 | 1.22 | 0 | 0.00 | |
| Rock Bass | * | 0 | 8 | * | 0 | * | |

Table 2

Estimated Effort Detailed Report

Horseshoe Lake
03-MAY-2014 TO 01-MAR-2015

| Site | Season | Month | Day Type | Days Sampled | Total Counts | Boat/Ice Shanty Angler Hours | St Dev Boat/Ice Shant Angler Hours | Shore/Open-Ice Angler Hours | St Dev Shore/Open-Ice Angler Hours | Total Angler Hours | St Dev Total Angler Hours | |
|------|--------|-----------|----------|--------------|--------------|------------------------------|------------------------------------|-----------------------------|------------------------------------|--------------------|---------------------------|--------|
| 1 | Summer | May | Weekday | 11 | 22 | 53.55 | 53.55 | 0.00 | 0.00 | 53.55 | 53.55 | |
| | | | Weekend | 10 | 20 | 77.50 | 32.88 | 46.50 | 21.92 | 124.00 | 39.52 | |
| | | | Total | 21 | 42 | 131.05 | 62.84 | 46.50 | 21.92 | 177.55 | 66.55 | |
| | | June | Weekday | 13 | 26 | 413.54 | 113.90 | 25.85 | 17.98 | 439.38 | 115.31 | |
| | | | Weekend | 9 | 18 | 392.00 | 105.22 | 72.00 | 34.87 | 464.00 | 110.85 | |
| | | | Total | 22 | 44 | 805.54 | 155.07 | 97.85 | 39.24 | 903.38 | 159.95 | |
| | | July | Weekday | 12 | 24 | 660.00 | 201.69 | 190.67 | 73.48 | 850.67 | 214.65 | |
| | | | Weekend | 9 | 18 | 272.00 | 77.56 | 16.00 | 11.31 | 288.00 | 78.38 | |
| | | | Total | 21 | 42 | 932.00 | 216.09 | 206.67 | 74.34 | 1,138.67 | 228.52 | |
| | | August | Weekday | 13 | 26 | 425.65 | 138.39 | 37.56 | 20.98 | 463.21 | 139.97 | |
| | | | Weekend | 10 | 20 | 410.75 | 117.28 | 54.25 | 20.50 | 465.00 | 119.06 | |
| | | | Total | 23 | 46 | 836.40 | 181.40 | 91.81 | 29.34 | 928.21 | 183.76 | |
| | | September | Weekday | 13 | 26 | 196.27 | 61.50 | 21.81 | 21.81 | 218.08 | 65.25 | |
| | | | Weekend | 9 | 18 | 148.50 | 68.17 | 0.00 | 0.00 | 148.50 | 68.17 | |
| | | | Total | 22 | 44 | 344.77 | 91.81 | 21.81 | 21.81 | 366.58 | 94.37 | |
| | | October | Weekday | 8 | 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | Weekend | 8 | 16 | 23.00 | 11.50 | 0.00 | 0.00 | 23.00 | 11.50 | |
| | | | Total | 16 | 32 | 23.00 | 11.50 | 0.00 | 0.00 | 23.00 | 11.50 | |
| | | Total | Weekday | 70 | 140 | 1,749.01 | 281.87 | 275.88 | 81.48 | 2,024.89 | 293.41 | |
| | | | Weekend | 55 | 110 | 1,323.75 | 191.58 | 188.75 | 47.38 | 1,512.50 | 197.35 | |
| | | | Total | 125 | 250 | 3,072.76 | 340.81 | 464.63 | 94.25 | 3,537.39 | 353.61 | |
| | | Winter | December | Weekday | 9 | 18 | 0.00 | 0.00 | * | * | 0.00 | 0.00 |
| | | | | Weekend | 8 | 16 | 5.00 | 5.00 | * | * | 5.00 | 5.00 |
| | | | | Total | 17 | 34 | 5.00 | 5.00 | * | * | 5.00 | 5.00 |
| | | | January | Weekday | 8 | 16 | 52.50 | 52.50 | * | * | 52.50 | 52.50 |
| | | | | Weekend | 10 | 20 | 120.00 | 58.78 | * | * | 120.00 | 58.78 |
| | | | | Total | 18 | 36 | 172.50 | 78.82 | * | * | 172.50 | 78.82 |
| | | | February | Weekday | 8 | 16 | 28.75 | 28.75 | * | * | 28.75 | 28.75 |
| | | | | Weekend | 8 | 16 | 23.00 | 17.39 | * | * | 23.00 | 17.39 |
| | | | | Total | 16 | 32 | 51.75 | 33.60 | * | * | 51.75 | 33.60 |
| | March | | Weekend | 1 | 2 | 0.00 | * | * | * | 0.00 | 0.00 | |
| | | | Total | 1 | 2 | 0.00 | * | * | * | 0.00 | 0.00 | |
| | Total | | Weekday | 25 | 50 | 81.25 | 59.86 | * | * | 81.25 | 59.86 | |
| | | | Weekend | 27 | 54 | 148.00 | 61.50 | * | * | 148.00 | 61.50 | |
| | | | Total | 52 | 104 | 229.25 | 85.82 | * | * | 229.25 | 85.82 | |
| | Total | | Total | Weekday | 95 | 190 | 1,830.26 | 288.16 | 275.88 | 81.48 | 2,106.14 | 299.45 |
| | | Weekend | | 82 | 164 | 1,471.75 | 201.21 | 188.75 | 47.38 | 1,660.50 | 206.71 | |
| | | Total | | 177 | 354 | 3,302.01 | 351.45 | 464.63 | 94.25 | 3,766.64 | 363.87 | |

Table 3

Projected Catch and Harvest

Horseshoe Lake
03-MAY-2014 TO 01-MAR-2015

| Species | Month | Catch | St Dev Catch | Harvest | St Dev Harvest |
|-----------------|---------------|-------|--------------|---------|----------------|
| Black Crappie | May | 9 | 5.77 | 9 | 5.77 |
| | June | 0 | * | 0 | * |
| | July | 31 | 16.12 | 16 | 10.95 |
| | August | 21 | 10.07 | 4 | 3.60 |
| | September | 31 | 32.67 | 0 | * |
| | October | 0 | * | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 27 | 23.48 | 0 | * |
| | February | 2 | 2.30 | 0 | * |
| | Summer | 92 | 38.23 | 29 | 12.89 |
| | Winter | 29 | 23.60 | 0 | * |
| | Total | 121 | 44.93 | 29 | 12.89 |
| | Bluegill | May | 114 | 61.68 | 42 |
| June | | 1003 | 330.71 | 187 | 72.94 |
| July | | 1599 | 551.70 | 268 | 111.81 |
| August | | 748 | 274.56 | 104 | 61.77 |
| September | | 142 | 75.44 | 0 | * |
| October | | 0 | * | 0 | * |
| December | | 0 | * | 0 | * |
| January | | 86 | 63.18 | 7 | 6.10 |
| February | | 30 | 28.85 | 0 | * |
| Summer | | 3607 | 706.13 | 601 | 149.31 |
| Winter | | 116 | 69.46 | 7 | 6.10 |
| Total | | 3723 | 709.54 | 608 | 149.44 |
| Largemouth Bass | | May | 43 | 18.80 | 2 |
| | June | 1208 | 319.09 | 149 | 68.46 |
| | July | 591 | 158.97 | 86 | 32.03 |
| | August | 561 | 172.56 | 88 | 66.30 |
| | September | 202 | 64.33 | 3 | 3.20 |
| | October | 3 | 2.44 | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 7 | 5.09 | 3 | 3.05 |
| | February | 0 | * | 0 | * |
| | Summer | 2609 | 401.71 | 330 | 100.61 |
| | Winter | 7 | 5.09 | 3 | 3.05 |
| | Total | 2615 | 401.74 | 333 | 100.66 |
| | Northern Pike | May | 22 | 13.01 | 0 |
| June | | 401 | 138.62 | 17 | 11.89 |
| July | | 315 | 105.22 | 30 | 17.48 |
| August | | 176 | 78.40 | 0 | * |
| September | | 244 | 86.58 | 7 | 6.10 |
| October | | 3 | 4.50 | 0 | * |
| December | | 0 | * | 0 | * |
| January | | 30 | 18.74 | 7 | 6.15 |
| February | | 24 | 21.71 | 0 | * |
| Summer | | 1161 | 210.05 | 53 | 22.00 |
| Winter | | 53 | 28.68 | 7 | 6.15 |
| Total | | 1215 | 212.00 | 60 | 22.84 |
| Pumpkinseed | | May | 35 | 19.87 | 30 |
| | June | 124 | 58.56 | 74 | 39.03 |
| | July | 136 | 49.03 | 64 | 24.49 |
| | August | 79 | 41.90 | 25 | 15.01 |
| | September | 13 | 12.24 | 3 | 3.06 |
| | October | 0 | * | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 0 | * | 0 | * |
| | February | 0 | * | 0 | * |
| | Summer | 387 | 90.19 | 196 | 51.77 |
| | Winter | 0 | * | 0 | * |
| | Total | 387 | 90.19 | 196 | 51.77 |

| Species | Month | Catch | St Dev Catch | Harvest | St Dev Harvest |
|-----------|-----------------|-------|--------------|---------|----------------|
| Rock Bass | May | 0 | * | 0 | * |
| | June | 0 | * | 0 | * |
| | July | 2 | 2.04 | 0 | * |
| | August | 6 | 6.32 | 0 | * |
| | September | 0 | * | 0 | * |
| | October | 0 | * | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 0 | * | 0 | * |
| | February | 0 | * | 0 | * |
| | Summer | 8 | 6.64 | 0 | * |
| | Winter | 0 | * | 0 | * |
| | Total | 8 | 6.64 | 0 | * |
| | Smallmouth Bass | May | 2 | 2.44 | 0 |
| June | | 0 | * | 0 | * |
| July | | 0 | * | 0 | * |
| August | | 0 | * | 0 | * |
| September | | 0 | * | 0 | * |
| October | | 0 | * | 0 | * |
| December | | 0 | * | 0 | * |
| January | | 0 | * | 0 | * |
| February | | 0 | * | 0 | * |
| Summer | | 2 | 2.44 | 0 | * |
| Winter | | 0 | * | 0 | * |
| Total | | 2 | 2.44 | 0 | * |
| Walleye | | May | 0 | * | 0 |
| | June | 0 | * | 0 | * |
| | July | 0 | * | 0 | * |
| | August | 0 | * | 0 | * |
| | September | 0 | * | 0 | * |
| | October | 0 | * | 0 | * |
| | December | 0 | * | 0 | * |
| | January | 0 | * | 0 | * |
| | February | 0 | * | 0 | * |
| | Summer | 0 | * | 0 | * |
| | Winter | 0 | * | 0 | * |
| | Total | 0 | * | 0 | * |
| | Yellow Perch | May | 0 | * | 0 |
| June | | 45 | 42.53 | 0 | * |
| July | | 14 | 10.80 | 0 | * |
| August | | 23 | 14.35 | 0 | * |
| September | | 7 | 4.81 | 0 | * |
| October | | 0 | * | 0 | * |
| December | | 0 | * | 0 | * |
| January | | 20 | 22.21 | 0 | * |
| February | | 2 | 1.99 | 0 | * |
| Summer | | 89 | 46.42 | 0 | * |
| Winter | | 22 | 22.30 | 0 | * |
| Total | | 111 | 51.50 | 0 | * |

Table 4

Catch Rate, Harvest Rate, and Targeted Effort Summary

Horseshoe Lake
03-MAY-2014 TO 01-MAR-2015

| Species | Month | General Cat/Hour | General Hours/Cat | Specific Cat/Hour | Specific Hours/Cat | General Harv/Hour | General Hours/Harv | Specific Harv/Hour | Specific Hours/Harv | Specific Effort | |
|-----------------|---------------|------------------|-------------------|-------------------|--------------------|-------------------|--------------------|--------------------|---------------------|-----------------|-----|
| Black Crappie | May | 0.05 | 19.15 | 0.07 | 15.03 | 0.05 | 19.15 | 0.07 | 15.03 | 70 | |
| | June | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 70 | |
| | July | 0.03 | 36.88 | 0.03 | 33.89 | 0.01 | 69.28 | 0.03 | 33.89 | 68 | |
| | August | 0.02 | 45.10 | 0.26 | 3.83 | 0.00 | 259.00 | 0.05 | 22.01 | 79 | |
| | September | 0.14 | 6.98 | 0.82 | 1.23 | 0.00 | - | 0.00 | - | 38 | |
| | October | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 14 | |
| | January | 0.22 | 4.52 | 0.47 | 2.15 | 0.00 | - | 0.00 | - | 57 | |
| | February | 0.09 | 10.73 | 0.94 | 1.07 | 0.00 | - | 0.00 | - | 2 | |
| | Summer | 0.03 | 36.85 | 0.17 | 5.79 | 0.01 | 115.69 | 0.03 | 33.13 | 339 | |
| | Winter | 0.20 | 4.98 | 0.48 | 2.07 | 0.00 | - | 0.00 | - | 59 | |
| | Total | 0.03 | 29.27 | 0.22 | 4.56 | 0.01 | 120.58 | 0.03 | 38.93 | 398 | |
| | Bluegill | May | 0.64 | 1.56 | 1.62 | 0.62 | 0.24 | 4.26 | 0.59 | 1.70 | 63 |
| June | | 1.11 | 0.90 | 3.84 | 0.26 | 0.21 | 4.83 | 0.75 | 1.34 | 251 | |
| July | | 1.40 | 0.71 | 3.57 | 0.28 | 0.24 | 4.24 | 0.60 | 1.66 | 434 | |
| August | | 0.81 | 1.24 | 2.88 | 0.35 | 0.11 | 8.93 | 0.40 | 2.48 | 258 | |
| September | | 0.39 | 2.57 | 3.59 | 0.28 | 0.00 | - | 0.00 | - | 35 | |
| October | | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 14 | |
| January | | 0.72 | 1.39 | 1.51 | 0.66 | 0.06 | 18.08 | 0.12 | 8.58 | 57 | |
| February | | 1.30 | 0.77 | 1.60 | 0.62 | 0.00 | - | 0.00 | - | 19 | |
| Summer | | 1.02 | 0.98 | 3.30 | 0.30 | 0.17 | 5.89 | 0.56 | 1.79 | 1,056 | |
| Winter | | 0.81 | 1.23 | 1.54 | 0.65 | 0.05 | 21.55 | 0.09 | 11.40 | 76 | |
| Total | | 1.01 | 0.99 | 3.18 | 0.31 | 0.17 | 6.06 | 0.53 | 1.90 | 1,132 | |
| Largemouth Bass | | May | 0.24 | 4.11 | 0.32 | 3.11 | 0.01 | 76.60 | 0.00 | - | 58 |
| | June | 1.34 | 0.75 | 1.96 | 0.51 | 0.17 | 6.05 | 0.22 | 4.62 | 573 | |
| | July | 0.52 | 1.93 | 0.70 | 1.43 | 0.08 | 13.18 | 0.12 | 8.06 | 680 | |
| | August | 0.60 | 1.65 | 0.76 | 1.31 | 0.10 | 10.50 | 0.13 | 7.68 | 679 | |
| | September | 0.55 | 1.81 | 0.69 | 1.44 | 0.01 | 112.73 | 0.01 | 82.93 | 270 | |
| | October | 0.15 | 6.58 | 0.40 | 2.50 | 0.00 | - | 0.00 | - | 9 | |
| | January | 0.06 | 18.08 | 0.10 | 10.25 | 0.03 | 36.17 | 0.10 | 10.25 | 34 | |
| | Summer | 0.74 | 1.36 | 1.03 | 0.98 | 0.09 | 10.73 | 0.13 | 7.56 | 2,268 | |
| | Winter | 0.06 | 18.08 | 0.10 | 10.25 | 0.03 | 36.17 | 0.10 | 10.25 | 34 | |
| | Total | 0.72 | 1.40 | 1.01 | 0.99 | 0.09 | 10.99 | 0.13 | 7.59 | 2,302 | |
| | Northern Pike | May | 0.13 | 7.96 | 0.11 | 9.19 | 0.00 | - | 0.00 | - | 43 |
| | | June | 0.44 | 2.25 | 0.86 | 1.17 | 0.02 | 53.27 | 0.07 | 14.65 | 248 |
| July | | 0.28 | 3.62 | 0.52 | 1.91 | 0.03 | 38.40 | 0.07 | 14.70 | 436 | |
| August | | 0.19 | 5.27 | 0.49 | 2.05 | 0.00 | - | 0.00 | - | 340 | |
| September | | 0.67 | 1.50 | 0.91 | 1.10 | 0.02 | 56.36 | 0.02 | 40.59 | 264 | |
| October | | 0.15 | 6.58 | 0.40 | 2.50 | 0.00 | - | 0.00 | - | 9 | |
| December | | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 5 | |
| January | | 0.25 | 4.02 | 0.24 | 4.18 | 0.06 | 18.08 | 0.07 | 14.63 | 97 | |
| February | | 1.02 | 0.98 | 2.06 | 0.48 | 0.00 | - | 0.00 | - | 11 | |
| Summer | | 0.33 | 3.05 | 0.64 | 1.57 | 0.02 | 66.60 | 0.04 | 25.22 | 1,339 | |
| Winter | | 0.36 | 2.77 | 0.41 | 2.42 | 0.04 | 22.30 | 0.06 | 17.10 | 113 | |
| Total | | 0.33 | 3.03 | 0.62 | 1.61 | 0.02 | 61.68 | 0.04 | 24.31 | 1,453 | |
| Pumpkinseed | May | 0.28 | 3.57 | - | - | 0.24 | 4.12 | - | - | - | |
| | June | 0.14 | 7.27 | 1.95 | 0.51 | 0.08 | 12.25 | 0.81 | 1.23 | 31 | |
| | July | 0.12 | 8.36 | 0.58 | 1.74 | 0.06 | 17.77 | 0.09 | 11.13 | 133 | |
| | August | 0.17 | 5.90 | 0.62 | 1.62 | 0.05 | 18.54 | 0.21 | 4.86 | 122 | |
| | September | 0.09 | 11.42 | 1.50 | 0.67 | 0.02 | 45.67 | 0.38 | 2.67 | 9 | |
| | October | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 6 | |
| | Summer | 0.14 | 7.24 | 0.75 | 1.33 | 0.07 | 14.28 | 0.22 | 4.59 | 301 | |
| | Total | 0.14 | 7.24 | 0.75 | 1.33 | 0.07 | 14.28 | 0.22 | 4.59 | 301 | |
| Rock Bass | July | 0.01 | 144.12 | - | - | 0.00 | - | - | - | - | |
| | August | 0.01 | 74.17 | - | - | 0.00 | - | - | - | - | |
| | Summer | 0.01 | 91.12 | - | - | 0.00 | - | - | - | - | |
| | Total | 0.01 | 91.12 | - | - | 0.00 | - | - | - | - | |
| Smallmouth Bass | May | 0.02 | 53.50 | 0.39 | 2.58 | 0.00 | - | 0.00 | - | 6 | |
| | Summer | 0.02 | 53.50 | 0.39 | 2.58 | 0.00 | - | 0.00 | - | 6 | |
| | Total | 0.02 | 53.50 | 0.39 | 2.58 | 0.00 | - | 0.00 | - | 6 | |
| Walleye | May | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 20 | |
| | June | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 20 | |
| | August | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 42 | |
| | February | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 7 | |
| | Summer | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 82 | |
| | Winter | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 7 | |
| | Total | 0.00 | - | 0.00 | - | 0.00 | - | 0.00 | - | 89 | |

Table 4

Catch Rate, Harvest Rate, and Targeted Effort Summary

Horseshoe Lake
03-MAY-2014 TO 01-MAR-2015

| Species | Month | General Cat/Hour | General Hours/Cat | Specific Cat/Hour | Specific Hours/Cat | General Harv/Hour | General Hours/Harv | Specific Harv/Hour | Specific Hours/Harv | Specific Effort |
|--------------|-----------|------------------|-------------------|-------------------|--------------------|-------------------|--------------------|--------------------|---------------------|-----------------|
| Yellow Perch | June | 0.10 | 10.26 | - | - | 0.00 | - | - | - | - |
| | July | 0.02 | 58.92 | - | - | 0.00 | - | - | - | - |
| | August | 0.03 | 39.94 | - | - | 0.00 | - | - | - | - |
| | September | 0.04 | 22.83 | - | - | 0.00 | - | - | - | - |
| | January | 0.17 | 6.03 | 1.22 | 0.82 | 0.00 | - | 0.00 | - | 16 |
| | February | 0.09 | 10.73 | - | - | 0.00 | - | - | - | - |
| | Summer | 0.04 | 26.75 | - | - | 0.00 | - | - | - | - |
| | Winter | 0.15 | 6.49 | 1.22 | 0.82 | 0.00 | - | 0.00 | - | 16 |
| | Total | 0.04 | 22.74 | 1.22 | 0.82 | 0.00 | - | 0.00 | - | 16 |

Table 5

Length Frequency of Creel Clerk Measured Fish

Horseshoe Lake
03-MAY-2014 TO 01-MAR-2015

| Species | Length | Freq | CumFreq | CumPercent |
|-----------------|--------|------|---------|------------|
| Black Crappie | 9 | 1 | 1 | 13% |
| | 10 | 1 | 2 | 25% |
| | 11 | 2 | 4 | 50% |
| | 12 | 2 | 6 | 75% |
| | 13 | 2 | 8 | 100% |
| Bluegill | 5 | 2 | 2 | 2% |
| | 6 | 19 | 21 | 18% |
| | 7 | 51 | 72 | 62% |
| | 8 | 26 | 98 | 84% |
| | 9 | 17 | 115 | 99% |
| | 10 | 1 | 116 | 100% |
| Largemouth Bass | 11 | 6 | 6 | 8% |
| | 12 | 12 | 18 | 25% |
| | 13 | 16 | 34 | 48% |
| | 14 | 20 | 54 | 76% |
| | 15 | 14 | 68 | 96% |
| | 16 | 2 | 70 | 99% |
| | 17 | 1 | 71 | 100% |
| Northern Pike | 18 | 1 | 1 | 7% |
| | 19 | 1 | 2 | 14% |
| | 20 | 3 | 5 | 36% |
| | 21 | 2 | 7 | 50% |
| | 22 | 3 | 10 | 71% |
| | 23 | 2 | 12 | 86% |
| | 24 | 1 | 13 | 93% |
| | 25 | 0 | 13 | 93% |
| | 26 | 1 | 14 | 100% |
| Pumpkinseed | 6 | 5 | 5 | 10% |
| | 7 | 22 | 27 | 53% |
| | 8 | 16 | 43 | 84% |
| | 9 | 6 | 49 | 96% |
| | 10 | 2 | 51 | 100% |

Table 6

Mean Lengths of Harvested Fish

Horseshoe Lake
03-MAY-2014 TO 01-MAR-2015

| Species | Month | Mean | Std Err | N | Var | Max | Min |
|-----------------|-----------|-------|---------|-----|------|-------|-------|
| Black Crappie | May | 11.50 | 0.79 | 4 | 2.52 | 12.80 | 9.20 |
| | July | 11.87 | 0.78 | 3 | 1.82 | 13.20 | 10.50 |
| | August | 13.10 | * | 1 | * | 13.10 | 13.10 |
| | Summer | 11.84 | 0.49 | 8 | 1.89 | 13.20 | 9.20 |
| | Total | 11.84 | 0.49 | 8 | 1.89 | 13.20 | 9.20 |
| Bluegill | May | 7.75 | 0.20 | 15 | 0.60 | 9.60 | 6.90 |
| | June | 7.73 | 0.08 | 29 | 0.21 | 8.60 | 7.00 |
| | July | 7.63 | 0.17 | 50 | 1.37 | 9.50 | 5.60 |
| | August | 8.23 | 0.20 | 22 | 0.87 | 10.10 | 6.80 |
| | Summer | 7.79 | 0.09 | 116 | 0.92 | 10.10 | 5.60 |
| | Total | 7.79 | 0.09 | 116 | 0.92 | 10.10 | 5.60 |
| Largemouth Bass | May | 12.00 | * | 1 | * | 12.00 | 12.00 |
| | June | 13.68 | 0.23 | 20 | 1.06 | 15.20 | 11.80 |
| | July | 14.27 | 0.25 | 33 | 2.05 | 17.20 | 11.00 |
| | August | 13.25 | 0.34 | 15 | 1.77 | 15.50 | 11.10 |
| | September | 14.90 | * | 1 | * | 14.90 | 14.90 |
| | January | 15.00 | * | 1 | * | 15.00 | 15.00 |
| | Summer | 13.86 | 0.16 | 70 | 1.84 | 17.20 | 11.00 |
| | Winter | 15.00 | * | 1 | * | 15.00 | 15.00 |
| | Total | 13.88 | 0.16 | 71 | 1.83 | 17.20 | 11.00 |
| Northern Pike | June | 21.87 | 1.07 | 3 | 3.40 | 23.90 | 20.30 |
| | July | 21.31 | 0.91 | 7 | 5.80 | 26.00 | 18.90 |
| | September | 22.70 | 0.50 | 2 | 0.50 | 23.20 | 22.20 |
| | January | 23.45 | 0.75 | 2 | 1.13 | 24.20 | 22.70 |
| | Summer | 21.68 | 0.59 | 12 | 4.11 | 26.00 | 18.90 |
| | Winter | 23.45 | 0.75 | 2 | 1.13 | 24.20 | 22.70 |
| | Total | 21.94 | 0.53 | 14 | 3.98 | 26.00 | 18.90 |
| Pumpkinseed | May | 8.02 | 0.23 | 10 | 0.55 | 9.30 | 6.80 |
| | June | 7.81 | 0.18 | 14 | 0.45 | 9.10 | 7.00 |
| | July | 7.73 | 0.20 | 19 | 0.79 | 9.00 | 6.20 |
| | August | 8.84 | 0.38 | 7 | 1.03 | 10.00 | 7.20 |
| | September | 8.40 | * | 1 | * | 8.40 | 8.40 |
| | Summer | 7.97 | 0.12 | 51 | 0.76 | 10.00 | 6.20 |
| | Total | 7.97 | 0.12 | 51 | 0.76 | 10.00 | 6.20 |

Table 7

Proportion of Marked Fish in Measured Sample

Horseshoe Lake
03-MAY-2014 TO 01-MAR-2015

| | | May | | June | | July | | August | | September | | October | | December | | January | | February | |
|-----------------|------|-----|------|------|------|------|------|--------|------|-----------|------|---------|---|----------|---|---------|------|----------|---|
| Species | Mark | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Black Crappie | NONE | 4 | 100% | * | * | 3 | 100% | 1 | 100% | * | * | * | * | * | * | * | * | * | * |
| Bluegill | NONE | 15 | 100% | 29 | 100% | 50 | 100% | 22 | 100% | * | * | * | * | * | * | * | * | * | * |
| Largemouth Bass | NONE | 1 | 100% | 20 | 100% | 33 | 100% | 15 | 100% | 1 | 100% | * | * | * | * | 1 | 100% | * | * |
| Northern Pike | NONE | * | * | 3 | 100% | 7 | 100% | * | * | 2 | 100% | * | * | * | * | 2 | 100% | * | * |
| Pumpkinseed | NONE | 10 | 100% | 14 | 100% | 19 | 100% | 7 | 100% | 1 | 100% | * | * | * | * | * | * | * | * |

DATA TABLE NOT AVAILABLE

DATA TABLE NOT AVAILABLE