Lesser Slave Lake

# Bird Observatory

Slave Lake ▪ Alberta ▪ Canada

# 2015 Annual Report

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**www.lslbo.org**

# Table of Contents

2015 Executive Summary ..... 2
Migration Monitoring ..... 3
Spring Migration Monitoring ..... 4
Daily Totals ..... 5
Mistnetting ..... 6
Net Productivity ..... 7
Spring Migration Summary ..... 8
Fall Migration Monitoring ..... 10
Daily Totals ..... 11
Mist-netting ..... 12
Net Productivity ..... 13
Fall Migration Summary ..... 14
Monitoring Avian Productivity and Survivorship (MAPS) ..... 17
Breeding Status ..... 19
Northern Saw-whet Owl Monitoring ..... 20
Recaptures ..... 21
Recoveries ..... 22
Staff and Volunteers ..... 22
Visitors and Education ..... 23
Acknowledgements ..... 24
Appendix I. 2015 Migration Occurrence Records ..... 26
Appendix II. Annual Banding Totals ..... 55

# 2015 Executive Summary

The Lesser Slave Lake Bird Observatory (LSLBO) conducted its 22nd year of bird population monitoring in the Lesser Slave Lake Provincial Park, Alberta, in 2015. The LSLBO is dedicated to bird conservation through research and education by implementing its core long-term monitoring programs and collaborations with the Canadian Migration Monitoring Network/ Réseau Canadien de Surveillance des Migrations (CMMN-RCSM), Alberta Parks, Institute for Bird Populations, and other institutions and organizations. This report summarizes the 2015 results of the LSLBO's four core monitoring programs: spring migration monitoring, fall migration monitoring, Monitoring Avian Productivity and Survivorship (MAPS), and northern saw-whet owl fall monitoring.

Spring migration monitoring coverage lasted for 52 days from April 20 to June 10. Visual migration counts and a standardized census were conducted daily and mist-netting occurred on 50 of the days. Over 78,000 birds representing 146 species were recorded through the season, including the LSLBO's first sighting of stilt sandpipers, which became the 253 species to be recorded at the station during monitoring activities. It was a below average banding season with a total of 643 birds representing 48 species banded.

Fall migration monitoring extended from July 12 to September 30 for 81 days of coverage. Visual migration counts and census were conducted each day the station was active and mist-nets were set on all but seven days. Over 64,000 birds representing 130 species were observed during the season. It was a busy banding season with 2955 birds representing 61 species banded; the third highest banding total on record.

Four MAPS stations were monitored from June 11 to August 2. A total of 395 birds from 31 species were banded; the second highest MAPS banding total on record. No new species were recorded during MAPS banding, but several species were banded in record numbers. The breeding statuses of 66 species were determined during MAPS banding.

Northern saw-whet owl fall migration monitoring was conducted on 40 nights from September 1 to October 22. A total of 139 northern saw-whet owls were banded, above the average banding total for the LSLBO. Two foreign recapture saw-whet owls were captured; one originally banding in 2012 near Prince Albert, Saskatchewan, the other was originally banded in 2014 near Tofield, Alberta. No other species of owls were captured.

There were 450 recapture records representing 285 individuals in 2015. All recapture records (except the two northern saw-whet owls reported above) were originally banded by the LSLBO. The oldest known aged bird captured was a Canada warbler originally banded as an ASY bird in 2009, making it at least 8 years old.

# Migration Monitoring

Migration monitoring is a method of monitoring bird populations from a fixed point. Observers combine data from standardized observations and constant effort mist-netting to estimate the number of migrants passing through the study area each day during the migration period. These daily estimated totals are used to create annual population indices, which are compared to previous years to derive long-term population trends. The Lesser Slave Lake Bird Observatory (LSLBO) has been conducting standardized spring and fall migration monitoring since 1994; 2015 marks the 22$^{nd}$ year of monitoring activities. The LSLBO became a full member of the Canadian Migration Monitoring Network/ Réseau Canadien de Surveillance des Migrations (CMMN-RCSM) in 1999. The CMMN oversees migration monitoring across Canada and provides support and resources to the over 25 member stations, including the population trend analysis.

Migration monitoring at the LSLBO follows the standardized protocols described in the 2013 Revised Lesser Slave Lake Bird Observatory Station Manual. These protocols ensure that comparable data is collected each year to create accurate population trends. The LSLBO employs the same monitoring techniques during both spring and fall migration. Although passerines and near-passerines are the primary focus of the LSLBO, all encountered birds of all species are recorded. Monitoring is conducted for a maximum of seven hours each day, beginning one half-hour before sunrise. A half-hour census is conducted once each day to document bird activity within the entire study site. A five minute visual migration count is conducted once every hour which focuses only on actively migrating birds. All other birds observed during the monitoring period outside the described counts are recorded as incidental observations. The LSLBO operates 12 standard mist-nets and 2 non-standard aerial nets (established in 2010) for a maximum of 98 net hours each day for bird banding. Mist-netting does not occur if the temperature is below 2°C, during periods of precipitation, or if the wind strength is above 3 on the Beaufort Scale.

Each day an overall code is assigned based on the actual migration coverage effort achieved during the count period (Table 1). Coverage code takes into account the skill of the observers and the amount of counting and mist-netting effort. All the listed requirements must be met to obtain a code. Observers should strive for the highest code possible with the available staff and weather conditions. The LSLBO aims to achieve a daily migration coverage code of 4, however often achieves a 3 on poor weather days.

Table 1. Criteria for daily coverage codes.

| Code | Coverage | Field Hours | Census | #Vis-migs | %Mist-Netting | Requirements |
|---|---|---|---|---|---|---|
| 0 | None | 0 | | | | No Activity |
| 1 | Casual | 1 | Yes | 4 | >10% | One of the three counts |
| 2 | Poor | 2 | Yes | 4 | >25% | Census, one of the other two counts |
| 3 | Fair | 4 | Yes | 6 | >50% | All, one class 1 or 2 observer |
| 4 | Good | 6 | Yes | 7 | >50% | All, at least one class 1 observer |
| 5 | Excellent | 10 | Yes | 8 | >90% | All, three class 1 observers |

# Spring Migration Monitoring

Spring migration is monitored for approximately 7 weeks from late April until early June. This time period covers the migration window of the majority of the species expected to be encountered at the LSLBO. Monitoring begins late April once daytime temperatures have risen above freezing to allow for banding. Early spring migrant species typically have begun passing through the area before monitoring begins, but the extent of the migration varies depending on the overall spring conditions. Species diversity quickly increases in early May and new species are detected constantly throughout the month. Periods of heavy migration can occur at any time. The pace of migration slows down in late May with only the remaining late migrant species moving through. Many of the observations through late May and June consist of local breeding individuals. Spring migration monitoring ends on June 10.

Spring migration monitoring began on April 20 in 2015 and was conducted daily until June 10 for 52 days of coverage (Table 2). Observers conducted the census and recorded incidental observations each day. The target of 8 daily visual migration counts was achieved on all but 6 days. Mist-netting received excellent coverage, however only 18 days received full net coverage. Poor weather conditions, including wind, precipitation, and below freezing temperatures, forced some to all mist-nets shut at some point on those days. Extremely poor weather prevented mist-netting entirely on only 2 days in the spring.

Table 2. Summary of effort during spring migration monitoring at LSLBO, 2007-2015.

| **Coverage** | **2007** | **2008** | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **2015** |
|---|---|---|---|---|---|---|---|---|---|
| First Day | 24-Apr | 26-Apr | 25-Apr | 22-Apr | 22-Apr | 23-Apr | 25-Apr | 23-Apr | 20-Apr |
| Last Day | 10-Jun | 10-Jun | 10-Jun | 10-Jun | 15- May | 10- Jun | 10-Jun | 10-Jun | 10-Jun |
| Number of Days | 48 | 45 | 46 | 50 | 24 | 49 | 47 | 49 | 52 |
| Person Days | 92 | 105 | 89 | 114 | 55 | 96 | 95 | 88 | 107 |
| Average Daily Coverage Code | 3.81 | 3.78 | 3.79 | 3.76 | 3.91 | 3.76 | 3.81 | 3.84 | 3.88 |
| **Banding** | | | | | | | | | |
| Number of Days | 47 | 43 | 42 | 44 | 23 | 45 | 41 | 43 | 50 |
| Av. Daily Net Hrs | 73.6 | 75.8 | 70.4 | 64.4 | 81.8* | 80.68* | 79.7* | 73.4* | 82.9* |
| **Census** | | | | | | | | | |
| Number of Days | 48 | 45 | 46 | 50 | 24 | 48 | 47 | 49 | 52 |
| **Vis-Mig** | | | | | | | | | |
| Number of Days | 48 | 45 | 46 | 50 | 24 | 49 | 47 | 49 | 52 |
| Av Daily Vis-Migs | 7.9 | 7.8 | 7.7 | 7.6 | 7.8 | 7.5 | 7.6 | 7.6 | 7.8 |

*includes net hours from two non-standard aerial nets.

# Daily Totals

A total of 78,020 birds representing 146 species were recorded during spring migration monitoring. Banding accounted for the lowest number of encounters and the lowest species diversity with 757 birds (new bandings and recaptures) representing 48 species. House wren, Nashville warbler, and swamp sparrow were only detected through mist-netting. The daily census recorded the second lowest number of birds, 6,913, but a high species diversity with 101 species. Lesser yellowlegs, gray catbird, and common redpoll were only detected during the census. Visual migration counts accounted for 12,770 birds from 43 species. Solitary sandpiper and bohemian waxwing and were only detected on the visual migration counts. Incidental observations accounted for the highest number of birds and species diversity with 60,602 birds from 138 species. Twenty-seven species were only encountered during incidental observations, including uncommon species: blackburnian warbler, common nighthawk, lark sparrow, and trumpeter swan. The LSLBO's first sighting of a stilt sandpiper during monitoring occurred on May 1 and represents the 253 species to be recorded during LSLBO monitoring activities.

Songbird migration was overall light through most of the spring. The busiest day of songbird migration occurred on the opening day of monitoring, April 20, which consisted of large numbers of both American robin and blackbirds. Only two other days saw over 1000 songbirds, April 23, which saw the American robin and blackbird migration continue and May 5 which contained tree swallow and blackbirds. May 5 was the final peak of migrants and the remainder of spring migration was light without any large passages observed. Typically heavy migrations occur after several days of rain hold up the migrants. This year, May was mostly hot, clear, and fairly calm without adverse weather conditions that would delay the migrants. Conditions were favourable for migration and we speculate that the migrants took advantage of perfect overnight conditions to migrate at night or to fly at high altitudes, outside of visual range, during the day.

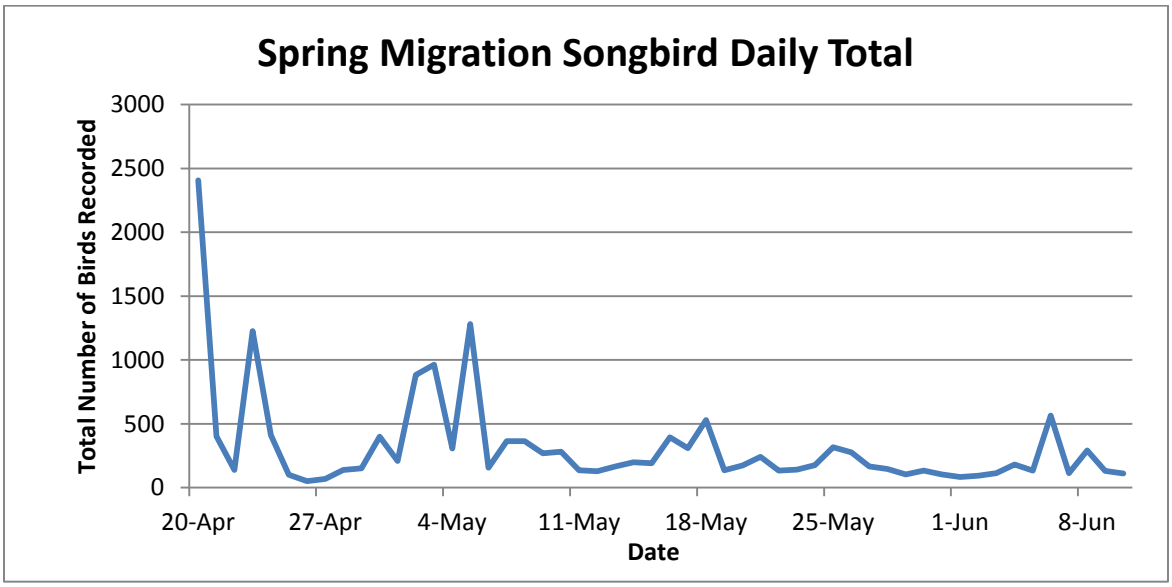


Figure 1. Total number of songbirds detected each day during spring migration, 2015.

# Mistnetting

Mist-nets were set for 4314.1 net hours; achieving 85% of the total possible net coverage following the LSLBO mist-netting protocols. The twelve standard mist-nets were set for 3755.2 net hours, achieving 86% of the possible net hours. The two aerial nets were set for 588.9 net hours or 81% of the possible net hours. A total of 653 birds were banded and an additional 106 recaptures were recorded. The spring banding total fell short of the average of 930 birds. Banding started fairly slow for the first few weeks of spring monitoring, but picked up through the second week of May (Figure 2). It remained steady through to the end of spring, with another small busy period the third week of May. The busiest banding day was May 18 with 49 birds banded, followed by May 17 with 48 birds.

A total of 48 species and forms were represented during spring banding, this is above the spring average of 44. The top five banded species were: Swainson's thrush (81), white-throated sparrow (68), black-and-white warbler (44), ovenbird (41), and clay-colored sparrow (33). These five species combined to account for 41% of all the birds banded in the spring. Highlights of the banding included: the first evening grosbeak since 1996 and only the second LSLBO banding record; the second banding record and first spring record of Townsend's solitaire; the first western wood-pewee banded since 2009; the first spring Connecticut warbler since 2002; and the second spring Nashville warbler record. Black-and-white warblers broke a new spring record, surpassing the previous high set in 2012. Spring banding totals for all species is listed in Appendix II.

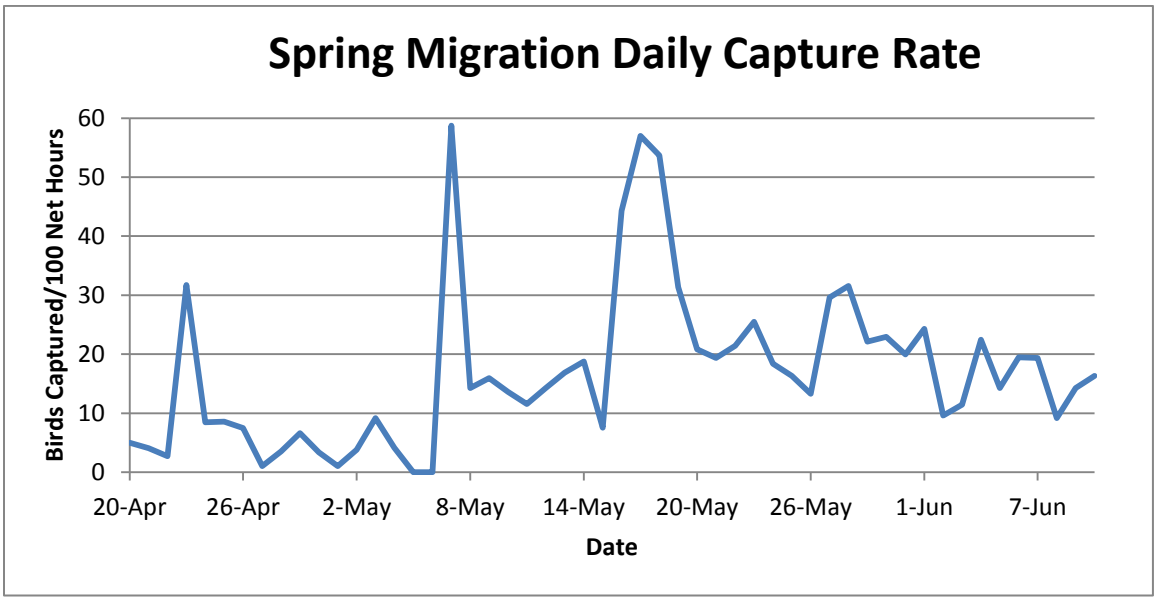


Figure 2. Daily capture rate during spring migration, 2015.

# Net Productivity

The LSLBO operates twelve standard net-lanes during migration monitoring which are numerically designated 1 through 12. The two aerial nets, designated 11x and 12x, were established in 2011 and are located adjacent to the corresponding standard net-lane number. The three nets located along the shoreline (6, 11, and 11x) are exposed to wind and typically have fewer net hours than the forest net-lanes.

The total capture rate was 17.7 birds per 100 net hours. Net-lane 6 had the highest capture rate with 53.8 birds per 100 net hours and also had the highest species count with 32. This net is typically the most productive at the LSLBO. Net 10 had the lowest capture rate with only 4.7 birds per 100 net hours and 9 species. The two aerial nets have performed very well since they were introduced and have a higher capture rate than their associated standard nets. The aerial nets accounted for 23% of the birds banded this spring. They captured the majority of the American redstarts, black-and-white warblers, and least flycatchers, and captured the only Nashville warbler and western wood-pewee of the spring.

Table 3. Capture rates for each net-lane during spring migration, 2015.

| Net-lane | Net hours | New Captures | Returns and Repeats | Total Captured | Capture Rate (birds/100 net hours) | Number of Species |
|---|---|---|---|---|---|---|
| 1 | 319.7 | 58 | 14 | 72 | 22.5 | 22 |
| 2 | 319.7 | 39 | 8 | 47 | 14.7 | 12 |
| 3 | 320.7 | 33 | 2 | 35 | 10.9 | 14 |
| 4 | 313.7 | 20 | 2 | 22 | 7.0 | 9 |
| 5 | 317.7 | 44 | 8 | 52 | 16.4 | 22 |
| 6 | 284.5 | 139 | 14 | 153 | 53.8 | 32 |
| 7 | 321.2 | 36 | 6 | 42 | 13.1 | 15 |
| 8 | 321.2 | 14 | 7 | 21 | 6.5 | 12 |
| 9 | 321.2 | 14 | 6 | 20 | 6.2 | 10 |
| 10 | 321.2 | 8 | 7 | 15 | 4.7 | 9 |
| 11 | 278.2 | 46 | 7 | 53 | 19.1 | 22 |
| 12 | 316.2 | 52 | 9 | 61 | 19.3 | 21 |
| Standard Net Total | 3755.2 | 503 | 90 | 593 | 15.8 | 43 |
| 11x | 259.2 | 88 | 4 | 92 | 35.5 | 23 |
| 12x | 299.7 | 62 | 12 | 74 | 24.7 | 26 |
| Aerial Net Total | 588.9 | 150 | 16 | 166 | 29.7 | 35 |
| **Grand Total** | **4314.1** | **653** | **106** | **762** | **17.7** | **48** |

# Spring Migration Summary

**April 20 to April 29**

Spring migration monitoring began on April 20. Early spring migrants were taking advantage of the warm spring conditions and the opening day saw heavy migration as thousands of American robins moved overhead and were joined by American pipit, myrtle warbler, American tree sparrow, dark-eyed junco, blackbirds, and an uncommon sighting of a Townsend's solitaire. The ice on Lesser Slave Lake had already begun to break up and waterfowl species such as mallard, northern pintail, common goldeneye, and common merganser were taking advantage of the open water.

The weather through the rest of the week was moderately warm; overnight temperatures dropped below freezing only twice. Overall active migration was light for the rest of the week, but new species were detected daily including eastern phoebe, tree swallow, winter wren, ruby-crowned kinglet, hermit thrush, orange-crowned warbler, savannah sparrow, fox sparrow, and song sparrow. The weather conditions remained ideal for mist-netting and a total of 53 birds were banded. The open water quickly expanded with the warm temperatures and strong winds shifting the ice around the lake. Large flocks of waterfowl began to move through the area, including the first flocks of greater white-fronted geese.

**April 30 to May 6**

The second week of spring migration began cool and calm, but ended with rain, wind, and snow. Overall songbird migration was light through the week, with the occasional push of migrants. The majority of migrants were Myrtle warbler, American robin, American pipit, red-winged blackbird, and the occasional tree swallow and orange-crowned warbler. Heavy migration of geese began late in the week. Over 20,000 greater white-fronted geese and 15,000 snow geese were counted on May 5 amid a huge snowstorm. New species sightings of the week included Say's phoebe, vesper sparrow, white-crowned sparrow, and white-throated sparrow. One of the highlights was the LSLBO's first sighting of stilt sandpipers as a small flock flew past the banding station. Mist-netting effort was reduced because of the weather, with two days missed because of the snow, resulting in only 15 birds banded.

**May 7 to May 13**

The third week of spring migration began with increased migration of songbirds that were likely held up by the recent snow storms. But it was short lived and active migration remained relatively light for most of the week. Myrtle warbler, white-throated sparrow, and blackbirds remained the most frequent migrants. Much of the activity that was observed occurred over the lake with large flocks of surf scoter, white-winged scoter, and long-tailed duck flying back and forth over the water. A large number of new species were observed which included: yellow-bellied sapsucker, least flycatcher, blue-headed vireo, Swainson's thrush, ovenbird, northern waterthrush, black-and-white warbler, Tennessee warbler, black-throated green warbler,

chipping sparrow, clay-coloured sparrow, swamp sparrow, and western tanager. Mist-netting occurred every day of the week, though some days had reduced net hours due to cold morning or gusty wind conditions; 101 birds were banded.

**May 14 to May 20**

Migration during the fourth week of spring began slowly, but activity picked up for a few days mid-week. Most notable were the numbers of Swainson's thrush, white-throated sparrow, chipping sparrow, and clay-colored sparrows that were moving through the area. The migration quieted down to almost nothing by the end of the week. A number of new species were observed, including: warbling vireo, Philadelphia vireo, rose-breasted grosbeak, common yellowthroat, American redstart, magnolia warbler, blackpoll warbler, Wilson's warbler, Canada warbler, and Baltimore oriole. A lark sparrow was also observed, which is an unusual species for the area. The weather conditions cooperated for mist-netting and busiest banding days of the spring occurred during the week. A total of 192 birds were banded, including an evening grosbeak, one of the highlight species of the spring.

**May 21 to May 27**

The fifth week of spring migration was sunny, calm, and very hot. Observed migration was very light through the entire week. However, unidentified migrants were observed flying at altitudes too high to see with the naked eye. There were some instances with low flying migrants that included Tennessee warbler, American redstart, and clay-colored sparrow. A number of the late migrate species were observed, including: red-eyed vireo, alder flycatcher, cedar waxwing, Connecticut warbler, and mourning warbler. The weather was perfect for mist-netting and a total of 119 birds were banded.

**May 28 to June 3**

The second last week of spring migration brought more unsettled weather, it was cooler, windier and periods of rain occurred throughout the week. Overall bird activity was very light through the entire week. Most of the observations were local breeders with only a few actively migrating birds. Most of the migrants were flycatchers, American redstart, and Canada warblers. The first yellow-bellied flycatcher, western wood-pewee and blackburnian warbler were observed. Mist-netting coverage was good, despite the weather, and 99 birds were banded.

**June 4 to June 10**

The final week of spring migration monitoring was mostly sunny and warm with winds picking up strength late in the morning. These winds were often strong enough to force the exposed nets to close early. Bird activity was expectedly light for this late in the season. Cedar waxwings were the most prominent species around often seen in flocks of 20 to 50 individuals. The final day of spring migration was on June 10. It was a quiet day, but with a couple surprises. A grey catbird was observed near the banding station and the first ruby-throated hummingbird of the year was finally seen. Despite the slow activity, banding was quite busy with 74 birds banded.

# Fall Migration Monitoring

Fall migration monitoring is conducted for approximately 12 weeks from mid-July to late September. This time frame covers the migratory window of the majority of songbird species expected at the LSLBO. Late fall species may have incomplete coverage if conditions extend their migratory window into October. Migration is often light during the first week of monitoring with most of the activity consisting of local breeders. Activity picks up quickly after the first week with periods of heavy migration and busy banding from late July until early August. Migration activity throughout August and until mid-September occurs in pulses. These pulses of heavy migration are often followed by several very slow days. Activity dwindles in the last half of September with most of the activity consisting of a small number of late migratory and winter resident species.

Fall migration monitoring was conducted from July 12 until September 30 for 81 days of coverage in 2015. The census and visual migration counts were conducted daily. Observers conducted 8 visual migration counts on 63 days. The remaining days received reduced counts due to poor weather conditions. Poor weather conditions prevented mist-netting on 7 days and forced reduced net hours on 49 days. Generally the wind picked up strength mid-morning, forcing mist-nets in exposed locations to be closed early. A stretch of poor weather reduced banding in late July and then again through late September. Overall, fall migration received excellent migration coverage consistent with previous years (Table 4).

Table 4. Summary of effort during fall migration monitoring at LSLBO, 2007-2015.

| **Coverage** | **2007** | **2008** | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **2015** |
|---|---|---|---|---|---|---|---|---|---|
| First Day | 12-Jul | 12-Jul | 12-Jul | 12-Jul | 12- Jul | 12-Jul | 12-Jul | 12-Jul | 12-Jul |
| Last Day | 30-Sep | 2-Oct | 28-Sep | 30-Sep | 30-Sep | 29-Sep | 29-Sep | 30-Sep | 30-Sep |
| Number of Days | 73 | 76 | 77 | 80 | 81 | 80 | 80 | 79 | 81 |
| Person-days | 114 | 131 | 165 | 158 | 140 | 126 | 131 | 120 | 151 |
| Average Daily Coverage Code | 3.33 | 3.48 | 3.73 | 3.7 | 3.67 | 3.78 | 3.84 | 3.74 | 3.77 |
| **Banding** | | | | | | | | | |
| Number of Days | 68 | 74 | 75 | 77 | 75 | 77 | 76 | 76 | 74 |
| Av. Daily Net Hrs. | 71.9 | 75.7 | 78.9 | 81.5* | 77.9* | 82.1* | 82.7* | 80.2* | 75.4* |
| **Census** | | | | | | | | | |
| Number of Days | 73 | 75 | 77 | 80 | 81 | 80 | 80 | 79 | 81 |
| **Vis-Migs** | | | | | | | | | |
| Number of Days | 73 | 76 | 77 | 80 | 81 | 80 | 80 | 79 | 81 |
| Av Daily Vis-migs | 7.7 | 7.5 | 7.6 | 7.5 | 7.3 | 7.6 | 7.6 | 7.5 | 7.5 |

*includes net hours from two non-standard aerial nets.

# Daily Totals

A total of 64,587 birds from 130 species were recorded during fall migration monitoring through the four monitoring methods. Mist-netting accounted for the lowest number and diversity of birds, with 3159 birds from 61 species. However, it was the only method that accounted for house wren, gray-cheeked thrush, Townsend's solitaire, Nashville warbler, Connecticut warbler, and fox sparrow. Visual migration counts accounted for 7,056 birds from 49 species. Olive-sided flycatcher was only detected on visual migration counts. Census accounted for 13,421 birds from 99 species. Chestnut-sided warbler was only detected on the census. Incidental observations recorded the highest number of birds and species with 43,991 birds from 121 species. 12 species were only encountered incidentally and included cliff swallow, Cooper's hawk, gray jay, and tundra swan.

Migration of songbirds came in pulses throughout the fall season and some migrant species were observed nearly every day (Figure 3). Migration began slowly with the first sign of heavy migration beginning in the third week of July consisting of a large number of warbler species; the most species in the highest numbers were myrtle warbler, Tennessee warbler, and yellow warbler. Late July was relatively quiet because of a long stretch of really poor weather. Migration was heavy through the first half of August, which included the busiest day of songbird migration, August 10. There was a very high diversity of species moving through at this time, but Myrtle warbler and Tennessee warbler remained the top encountered species. The pace of migration slowed slightly through the second half of fall, but busy periods occurred during late August and mid-September. Overall diversity diminished during the second half of fall as the last individuals of many species left the area. However, myrtle warbler migration remained strong and they were the top species observed during the second half of fall.

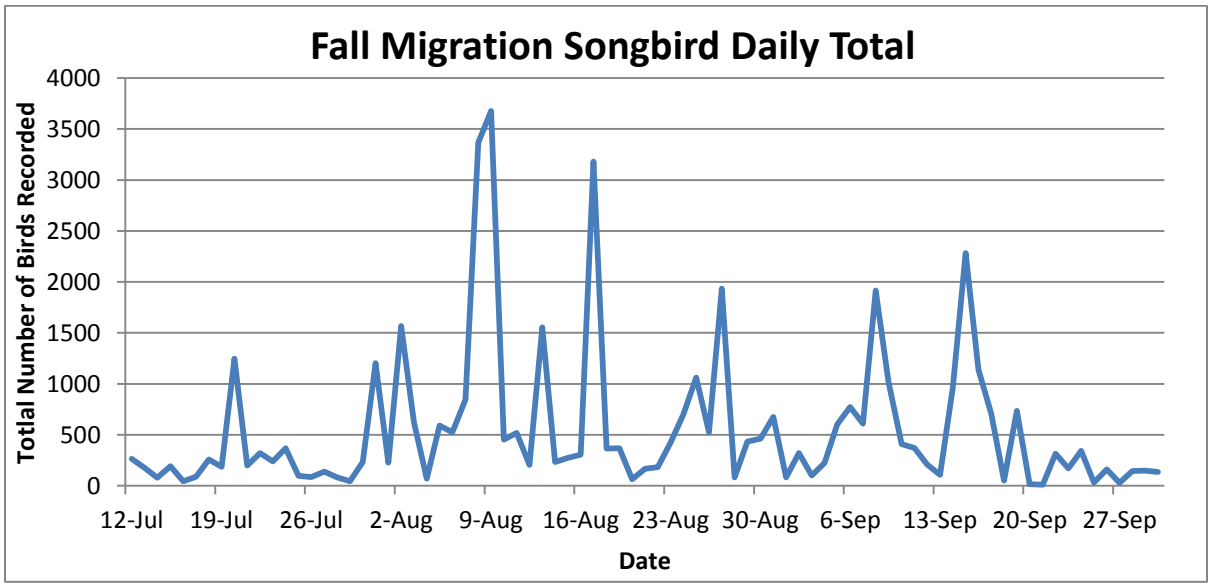


Figure 3. Total number of songbirds detected each day during fall migration, 2015.

# Mist-netting

Mist-nets were set for a total of 6110.5 net hours, achieving 77% of the total possible net coverage for the season. The twelve standard net-lanes were set for 5355.8 net hours and the two aerial nets were set for 754.7 net hours; achieving 79% and 67% of the total possible net hours, respectively. A total of 2955 birds were banded and 204 recaptures were recorded. The banding total was well above the fall average of 1815 and represents the third highest fall banding total on record (Figure 4). Banding reached several peaks throughout the fall: early August, late August and mid-September. The busiest banding day of the fall was August 6 with 203 birds banded, followed by August 8 and September 14 with 196 banded, and September 15 with 156 banded.

A total of 61 species were banded during the fall, above the fall average of 55 species. The top five banded species were: Myrtle warbler (1087), ovenbird (289), Swainson's thrush (262), Tennessee warbler (240), and white-throated sparrow (96). These five species accounted for 66% of all birds banded in the fall. Highlights included a Townsend's solitaire and Nashville warbler. Four pileated woodpeckers were banded, which doubled the previous total banded at the station. Myrtle warblers recorded their second highest fall banding total. Northern flicker, hairy woodpecker, eastern phoebe, red-eyed vireo, American robin, Swainson's thrush, mourning warbler, Lincoln's sparrow, white-throated sparrow, western tanager, and purple finch received record high fall banding totals. A complete list of all fall banding totals and species is listed in Appendix II.

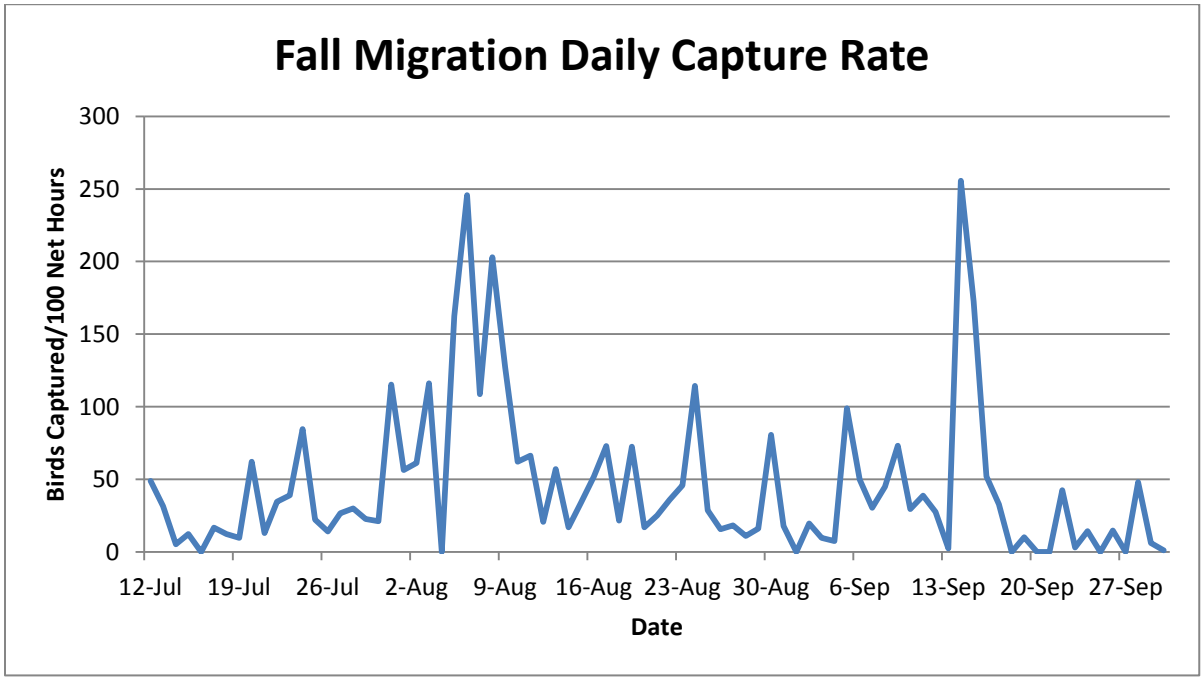


Figure 4. Daily capture rate during fall migration, 2015.

# Net Productivity

The net-lanes used for fall migration are the same for spring migration with twelve standard nets designated 1 through 12 and two aerial nets designated 11x and 12x. The aerial nets were first used in fall migration in 2010. The three net-lanes located adjacent to the shore-line (nets 6, 11, and 11x) are more exposed to wind and typically have fewer net hours than the other, more sheltered, nets.

In 2015 the total capture rate was 51.7 birds per 100 net hours (Table 5). Net 6 had the highest capture rate of the individual nets with 253.6 birds per 100 net hours and the highest number of species captured with 47. Net 9 had the lowest capture rate at 7.9 birds per 100 net hours. Net 2 and 7 had the lowest species diversity with 12 species. The two aerial nets accounted for 24% of the birds banded in the fall. Net 11x had the second highest capture rate and second highest species diversity of all the nets operated.

Table 5. Capture rates for each net-lane during fall migration, 2015.

| Net-lane | Net hours | New Captures | Returns and Repeats | Total Captured | Capture Rate (birds/100 net hours) | Number of Species |
|---|---|---|---|---|---|---|
| 1 | 459.7 | 211 | 19 | 203 | 50.0 | 28 |
| 2 | 459.7 | 186 | 11 | 197 | 42.9 | 12 |
| 3 | 467.2 | 109 | 13 | 122 | 26.1 | 15 |
| 4 | 463.7 | 53 | 12 | 65 | 14.0 | 22 |
| 5 | 469.6 | 175 | 26 | 201 | 42.8 | 37 |
| 6 | 361.9 | 902 | 15 | 917 | 253.6 | 47 |
| 7 | 468.6 | 47 | 7 | 54 | 11.5 | 12 |
| 8 | 468.6 | 68 | 6 | 74 | 15.8 | 19 |
| 9 | 469.9 | 32 | 5 | 37 | 7.9 | 13 |
| 10 | 469.9 | 33 | 13 | 46 | 9.8 | 16 |
| 11 | 326.6 | 234 | 12 | 246 | 75.3 | 37 |
| 12 | 470.5 | 183 | 21 | 204 | 43.3 | 29 |
| Standard Net Total | 5355.8 | 2233 | 160 | 2393 | 44.7 | 57 |
| 11x | 321.7 | 438 | 11 | 449 | 139.6 | 42 |
| 12x | 432.9 | 284 | 33 | 317 | 73.2 | 32 |
| Aerial Net Total | 754.7 | 722 | 44 | 766 | 101.5 | 46 |
| **Grand Total** | **6110.5** | **2955** | **204** | **3159** | **51.7** | **61** |

# Fall Migration Summary

**July 12 to July 18**

The first week of fall migration was met with poor weather. Conditions were windy with periods of rain mid-week. Smoke from forest fires was so heavy at times that it was difficult to observe passing migrants. It was clear that fall migration had begun on the first day of monitoring when a few warblers, mostly myrtle warblers, were observed passing through. Later in the week, the migration remained light, but began picking up and included more species including yellow warbler, Tennessee warbler, and chipping sparrow. Mist-netting coverage was moderate because of the weather and a total of 80 birds were banded.

**July 19 to July 25**

The second week of fall migration was sunny and warm, but every second day was extremely windy. There wasn't much activity on the windy days, but the birds took advantage of the calm days and good overhead migration was observed, as well as foraging flocks moving through the forest. Myrtle warbler, Tennessee warbler, and American redstart were the most commonly observed species, but there were many other species as well, including ovenbird, northern waterthrush, black-and-white warbler, black-throated green warbler, western tanager, and rose-breasted grosbeak. The pace of banding increased along with overall bird activity in the area and 214 birds were banded.

**July 26 to August 1**

Extremely windy conditions made up the weather for most of the third week of fall migration. The only species that were active in the wind were Franklin gulls; large flocks were observed riding the wind nearly every day. Occasionally some foraging birds, such as myrtle warbler and yellow warbler, were observed moving through the forest, but the extent of this movement was unknown because detections were difficult in the wind. The wind died for one day late in the week and there was spectacular migration. Lots of birds were moving with great diversity and bird banding was fantastic. A total of 210 birds were banded through the week, with over half caught on July 30.

**August 2 to August 8**

The windy conditions finally ended and it became an extremely busy week of migration and bird banding. Migration was heavy for most of the week with a large diversity of birds seen nearly every day. Myrtle warbler and Tennessee warbler were the most abundant migrant species observed. Over 1500 myrtle warblers were counted on August 8. There were also good numbers of red-eyed vireo, swallows, ovenbird, black-and-white warbler, American redstart, yellow warbler, white-throated sparrow, western tanager, and rose-breasted grosbeak. Banding included two of the busiest days of the fall; 203 birds on August 6 and 196 birds on August 8. A total of 684 birds were banded through the week. Bird diversity was very high through mist-netting ranging from 15 to 29 species banded daily.

**August 9 to August 15**

The weather through this week of fall migration remained sunny and warm with the occasional bit of wind. The pace of migration slowed somewhat from the previous week, but it was still steady with the occasional period of heavy passage. Overall diversity had also decreased from the previous week. Myrtle warblers remained the most abundant migrant, but a good number of Tennessee warblers were still observed. Sharp-shinned hawks began to consistently pass through the area. Weather conditions allowed for excellent mist-netting coverage. Banding was busy and steady through the week with a total of 348 birds banded.

**August 16 to August 22**

The winds returned through the sixth week of fall monitoring. Most days of the week experienced high winds or gusty conditions which halted overhead migration and reduced the ability to detect birds. Migrants did, however, take advantage of the calm periods. The heaviest passages of myrtle warblers of the fall occurred early on August 17 with over 2200 counted. They were joined by Tennessee warblers and a host of other warblers flying too high to positively identify. The number of Swainson's thrush moving through the area noticeably began to increase throughout the week. The last tree swallow, bank swallow, Cape May warbler, Canada warbler, and swamp sparrow of the year were recorded. The wind conditions reduced the mist-netting effort for most of the week; still a total of 213 birds were banded thanks to a few foraging flocks that were captured and the steady movement of Swainson's thrush. Also, two pileated woodpeckers were banded during the week, which added some more excitement to the bird banding.

**August 23 to August 29**

The wind died down and conditions remained sunny and warm for most of the week. Migration activity was steady through most of the week. Myrtle warblers were the most abundant migrant passing through with only a few individuals from other species observed. Swainson's thrush, however, had a strong presence in the mist-nets. Large flocks of cedar waxwings, that had yet to begin migrating, were often observed circling around overhead. August 27 saw heavy passage of migrants, including over 1500 myrtle warblers, and good representation from a wide diversity of species. The last observations of yellow-bellied sapsucker, Philadelphia vireo, warbling vireo, and song sparrow were recorded. The calm weather allowed for excellent mist-netting coverage and a total of 227 birds banded.

**August 30 to September 5**

The weather throughout the week had a little bit of everything to offer: from sunny and calm, to overcast and windy, and to wet and rainy. There was consistent migration through the week, but mostly by myrtle warblers. There were some other species moving through as dark-eyed juncos, orange-crowned warblers, American pipit, Lapland longspur, and white-crowned sparrow began to steadily migrate through the area. Over the lake the first fall flocks of greater white-fronted

geese were seen and the occasional flock of sandhill cranes also moved through. The final observations of eastern kingbird, blue-headed vireo, red-eyed vireo, northern waterthrush, Tennessee warbler, magnolia warbler, yellow warbler, chipping sparrow, clay-colored sparrow, western tanager, and rose-breasted grosbeak were made. Mist-netting occurred when the weather allowed, with one day missed because of rain, and a total of 198 birds were banded.

**September 6 to September 12**

The weather through the week was mostly warm, sunny and calm. The strong myrtle warbler migration continued through the week with steady passage, at times becoming quite heavy. Occasional Swainson's thrush, orange-crowned warblers, American pipit, and white-crowned sparrow were seen moving through the area. Over the lake, flocks of greater white-fronted geese and Franklin gulls were observed. Banding was steady throughout the week with 258 birds banded, over half of which were myrtle warblers. The final alder flycatcher, least flycatcher, eastern phoebe, barn swallow, ovenbird, mourning warbler, and bay-breasted warbler of the year were observed.

**September 13 to September 19**

The weather through the week was mostly warm and calm, with only some rain and days with heavy wind. Myrtle warbler migration remained strong through the week. Orange-crowned warbler, palm warbler, and American pipit were also migrating through, but in smaller numbers. The volume of myrtle warblers moving through resulted in some very busy banding days. A total of 439 birds were banded, mostly myrtle warblers. Two of the busiest banding days of the fall occurred during the week, September 14 with 196 birds banded and September 15 with 156 birds banded. Common goldeneye and bufflehead began to group on the lake and small flocks of greater white-fronted geese were joined by snow geese. Fox sparrows were observed in the area and the only fall sighting of a Townsend's solitaire was made. The week saw the last sightings of Swainson's thrush, black-and-white warbler, common yellowthroat, blackpoll warbler, Wilson's warbler, and Lincoln's sparrow.

**September 20 to September 30**

Most of the final portion of fall migration monitoring was very windy and bird activity was very light. Myrtle warblers were still the most observed species, but orange-crowned warbler, palm warbler, white-crowned sparrow, and dark-eyed juncos were also observed. The weather finally improved over the last three days of fall monitoring. But being so late in the season, hardly any birds were observed migrating overhead. The first American tree sparrows were seen and an extremely late American redstart was also observed. Over the lake snow geese and surprisingly early tundra swans were observed. Banding was slow, mostly due to the weather and the late time of season with 84 birds banded. The general slow bird activity and the gradually cooler weather meant that fall migration was coming to an end and the banding station shut down for the winter on September 30.

# Monitoring Avian Productivity and Survivorship (MAPS)

Monitoring Avian Productivity and Survivorship (MAPS) is a continent wide program coordinated by the Institute for Bird Populations which uses demographic parameters of landbirds monitored on the breeding grounds to help determine the causes of population declines. The LSLBO has contributed to the MAPS program since 1994 and it remains one of the core monitoring projects. 2015 marked the 22 year that the LSLBO has participated in MAPS.

The LSLBO operates four MAPS stations coded FAWA, FEGU, ROAD, and RESI. Three stations (FAWA, FEGU, and ROAD) are located in the forest bordering the migration monitoring station, while RESI is located near the Boreal Centre for Bird Conservation. FAWA and ROAD have operated for all 22 years. FEGU operated from 1994 to 2000, then was reopened in 2003 and has since operated for 12 consecutive years. RESI was established in 2000 and has completed its 15$^{th}$ consecutive year of operation. Each station is visited once every 10 day period. Each visit consists of constant-effort mist-netting and visual observations to determine species' breeding status. All activities follow the protocols outlined in the MAPS Manual. The LSLBO operates through 6 periods; the dates that each station operated in 2015 were:

| | **FAWA** | **FEGU** | **ROAD** | **RESI** |
|---|---|---|---|---|
| Period 5 (Jun 10 – 19) | June 12 | June 14 | June 15 | June 11 |
| Period 6 (Jun 20 – 29) | June 21 | June 22 | June 23 | June 24 |
| Period 7 (Jun 30 – Jul 9) | July 1 | July 2 | July 3 | June 30 |
| Period 8 (Jul 10 - Jul 19) | July 11 | July 12 | July 13 | July 10 |
| Period 9 (Jul 20 – 29) | July 20 | July 21 | July 22 | July 23 |
| Period 10 (Jul 30 – Aug 8) | July 31 | August 1 | August 2 | July 30 |

Each MAPS station operates 10 mist-nets for 6 hours each visit for a maximum of 360 net-hours for the season. The MAPS stations received excellent mist-net coverage in 2015: FEGU, ROAD, and RESI received the maximum net coverage and FAWA received 345 net-hours due to rain during period 7.

A total of 531 birds were captured; 395 banded and 136 recaptures, representing 31 species (Table 6). This represents the second highest MAPS banding total on record. Yellow-bellied sapsucker, black-capped chickadee, American robin, black-and-white warbler, mourning warbler, Lincoln's sparrow, swamp sparrow, and white-throated sparrow were all banded in record numbers. RESI had the highest capture total, recording 153 birds from 22 species. FEGU recorded 149 birds captured from 17 species. FAWA recorded 124 birds captured from 18 species, including the stations first banding records of bay-breasted warbler and swamp sparrow. ROAD had the lowest with 105 birds captured from 17 species.

Table 6. Number of birds banded and recaptured at the four MAPS stations in 2015.

| Species | FAWA | | ROAD | | FEGU | | RESI | | Total |
|---|---|---|---|---|---|---|---|---|---|
| | Band | Recap | Band | Recap | Band | Recap | Band | Recap | |
| Alder Flycatcher | | | | | 2 | | | | 2 |
| American Redstart | 1 | | | | 12 | 10 | 6 | 4 | 33 |
| American Robin | 1 | | 2 | | 4 | | 1 | | 8 |
| Black-and-white Warbler | 2 | | 1 | | 4 | | 3 | 2 | 12 |
| Bay-breasted Warbler | 1 | | | | | | 1 | | 2 |
| Black-capped Chickadee | | | | | 7 | 1 | 7 | | 15 |
| Canada Warbler | 3 | | 6 | | 12 | 9 | 1 | | 31 |
| Cedar Waxwing | 2 | | | | | | | | 2 |
| Chipping Sparrow | | | 2 | | | | 3 | | 5 |
| Common Yellowthroat | | | | | | | 2 | 3 | 5 |
| Hairy Woodpecker | | | | | | | 2 | | 2 |
| Hermit Thrush | | | 1 | | | | 5 | 1 | 7 |
| Least Flycatcher | 1 | | | | | | | | 1 |
| Lincoln's Sparrow | 11 | | 3 | 2 | 7 | 1 | 15 | 1 | 40 |
| Magnolia Warbler | | | 1 | 4 | | | 1 | | 6 |
| Mourning Warbler | 16 | 5 | 3 | 3 | 3 | 5 | 7 | 4 | 46 |
| Myrtle Warbler | 9 | 2 | | 6 | 4 | 4 | 5 | 2 | 32 |
| Northern Waterthrush | | | | 1 | | | | | 1 |
| Ovenbird | 6 | 3 | 11 | 17 | 6 | 5 | 17 | 1 | 66 |
| Rose-breasted Grosbeak | | | 1 | | | | | | 1 |
| Red-eyed Vireo | | | 1 | 1 | | 1 | | | 3 |
| Song Sparrow | | | 1 | | | 1 | | | 2 |
| Sharp-shinned Hawk | | | | | | | 1 | | 1 |
| Swamp Sparrow | 4 | | | | | | 7 | | 11 |
| Swainson's Thrush | 1 | | 8 | 2 | 9 | 1 | 5 | | 26 |
| Tennessee Warbler | 10 | | 6 | | 5 | | 6 | | 27 |
| Western Tanager | 1 | | | | | | | | 1 |
| Winter Wren | | | | | 1 | | 1 | 1 | 3 |
| White-throated Sparrow | 27 | 10 | 13 | 9 | 25 | 7 | 29 | 5 | 125 |
| Yellow-bellied Sapsucker | 4 | | | | | | 4 | | 8 |
| Yellow Warbler | 4 | | | | 1 | 2 | | | 7 |
| **Total** | 104 | 20 | 60 | 45 | 102 | 47 | 129 | 24 | 531 |

# Breeding Status

Breeding status was determined for the 66 species encountered during MAPS station visits in 2015 (Table 7). The breeder status (B) was given to species with strong evidence supporting an active nest within the boundaries of the MAPS station. Likely breeders (L) were species observed at a station, but lacked strong evidence of breeding within the boundaries of the MAPS station. Transient species (T) were observed at a station, but it is unlikely that they breed within the stations boundaries. Observations were restricted to MAPS banding site visits only.

Table 7. Breeding status of MAPS birds in 2015.

| Species | RESI | ROAD | FEGU | FAWA | Species | RESI | ROAD | FEGU | FAWA |
|---|---|---|---|---|---|---|---|---|---|
| American Wigeon | T | | | | Ruby-crowned Kinglet | L | | | |
| Mallard | L | | | T | Swainson's Thrush | B | B | B | T |
| Common Goldeneye | T | | T | | Hermit Thrush | B | T | | |
| Ruffed Grouse | | T | L | B | American Robin | B | B | B | L |
| Common Loon | T | | | | Cedar Waxwing | T | T | T | T |
| Bald Eagle | | T | T | T | Ovenbird | B | B | B | B |
| Sharp-shinned Hawk | T | | | | Northern Waterthrush | | T | L | |
| Solitary Sandpiper | T | | | | Black-and-white Warb | B | B | B | B |
| Franklin’s Gull | | T | | T | Tennessee Warbler | B | B | B | B |
| Common Nighthawk | T | | | | Mourning Warbler | B | B | B | B |
| Yellow-bellied Sapsucker | B | | T | B | Common Yellowthroat | B | | B | |
| Downy Woodpecker | | T | T | T | American Redstart | B | B | B | B |
| Hairy Woodpecker | T | T | L | B | Magnolia Warbler | B | B | T | |
| Northern Flicker | T | T | | T | Bay-breasted Warbler | B | | | T |
| Pileated Woodpecker | T | | T | T | Yellow Warbler | L | B | B | B |
| Western Wood-pewee | T | | | L | Blackpoll Warbler | | | | T |
| Alder Flycatcher | | L | B | B | Yellow-rump’d Warb. | B | B | B | B |
| Least Flycatcher | B | T | L | T | Canada Warbler | B | B | B | B |
| Eastern Phoebe | | B | T | T | Chipping Sparrow | B | L | L | |
| Blue-headed Vireo | B | L | L | T | Clay-colored Sparrow | | | T | L |
| Warbling Vireo | B | | | L | Song Sparrow | T | | T | T |
| Philadelphia Vireo | B | | T | | Lincoln's Sparrow | B | T | L | T |
| Red-eyed Vireo | B | B | B | B | Swamp Sparrow | T | T | | T |
| Blue Jay | | T | | | White-thrt’d Sparrow | B | B | B | B |
| American Crow | T | T | T | T | Western Tanager | B | T | L | T |
| Common Raven | B | | | | Rose-breast’d Grosbeak | B | T | L | T |
| Tree Swallow | | T | | | Red-winged Blackbird | | | | T |
| Black-capped Chickadee | B | B | B | T | Common Grackle | | | T | T |
| Boreal Chickadee | L | | | | Purple Finch | T | T | T | T |
| Red-breasted Nuthatch | B | T | L | T | White-winged Crossbill | T | T | T | T |
| White-breasted Nuthatch | | | | T | Pine Siskin | T | T | T | T |
| Brown Creeper | | | T | | American Goldfinch | | T | | T |
| Winter Wren | B | B | B | T | Evening Grosbeak | T | T | T | T |
| | | | | | | RESI | ROAD | FEGU | FAWA |
| | | | | | Total sp. Breeder (B) | 28 | 16 | 16 | 14 |
| | | | | | Total sp. Likely (L) | 4 | 3 | 10 | 4 |
| | | | | | Total sp Transient (T) | 18 | 23 | 18 | 30 |
| | | | | | Total sp. | 50 | 42 | 44 | 48 |

# Northern Saw-whet Owl Monitoring

Northern saw-whet owl fall migration monitoring began in 2004 and was conducted for the 12th consecutive year at the LSLBO in 2015. The objective of this ongoing project is to monitor the population of the northern saw-whet owl through mist-netting. The LSLBO conducts northern saw-whet owl banding in the fall from early September until late October. Four nets are set up one hour after sunset for four hours. A call playback is used to lure the northern saw-whet owls into the nets. A stereo broadcasts the call on a continuous cycle. Nets are not set if the temperatures become too cold or during rain or heavy wind. Maintenance construction forced the owl net array to be moved a short distance to a more forested area in 2013. 2015 was the third year that the new location was used.

Northern Saw-whet owl monitoring occurred on 40 nights from September 1 to October 22. The four mist-nets were set for a total of 620 net hours. The nets were closed entirely on 12 nights and poor weather reduced net effort on an additional 4 nights. A total of 143 northern saw-whet owls were captured: 139 banded, 2 recaptures, and 2 foreign recaptures. The capture rate was 22.4 owls per 100 net hours, which is above of the average of 17.3 saw-whets per 100 net hours (Figure 5).

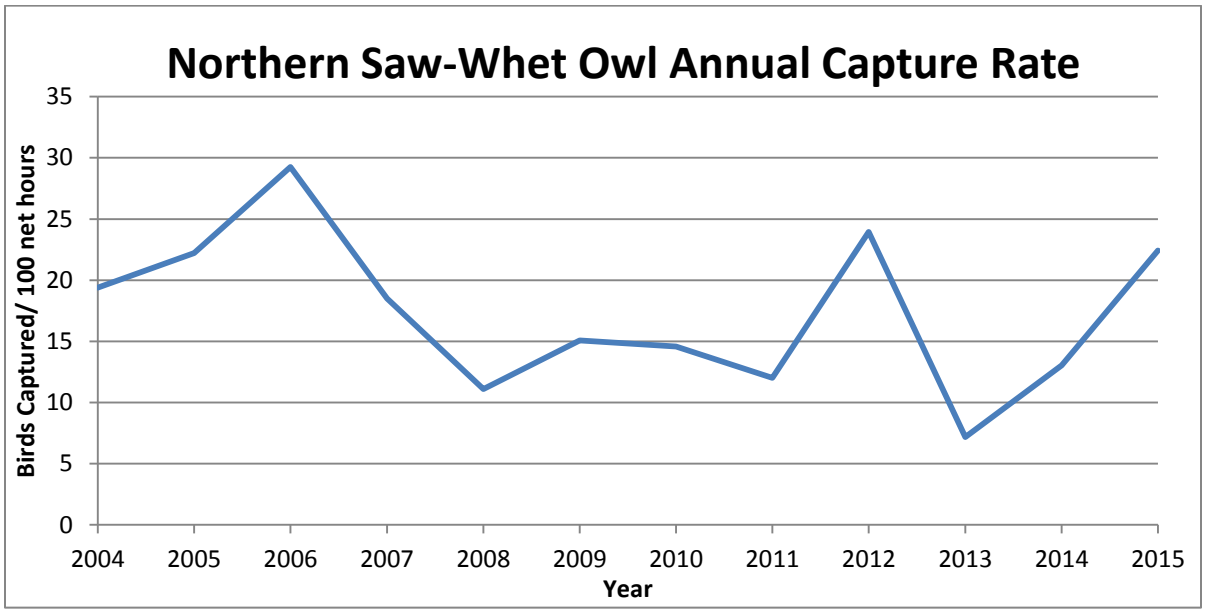

Figure 5. Annual capture rate of northern saw-whet owls. Net-lane locations were moved in 2013.

# Recaptures

The LSLBO recorded 450 recapture records during the 2015 banding season: 106 during spring migration monitoring, 204 during fall migration monitoring, and 136 during MAPS, and 4 during northern saw-whet owl monitoring. These recapture records represent 285 individuals: 219 were banded during 2015 banding activities and recaptured later in the season, 28 were banded in 2014, and 27 were banded before 2014 and represent the oldest known aged birds encountered during the banding season (Table 8). The oldest known-aged bird in 2015 was a Canada warbler originally banded as an ASY in 2009, making it at least 8 years old.

Table 8. Age of recaptured birds originally banded at the LSLBO before 2014.

| **Species** | **Band Number** | Original Banding | | | Recapture | | Age (Years) |
|---|---|---|---|---|---|---|---|
| | | Date | Location | Age | **Date** | **Location** | |
| Black-capped Chickadee | 2730-80983 | Sept 9, 2013 | Mig | HY | Apr 28 | Mig | 2 |
| Black-and-white Warbler | 2730-80514 | July 19, 2013 | Mig | HY | June 11 | RESI | 2 |
| Hermit Thrush | 2431-87745 | June 25, 2013 | RESI | SY | June 24 | RESI | 3 |
| Mourning Warbler | 2730-80621 | July 4, 2013 | RESI | SY | June 11 | RESI | 3 |
| Yellow Warbler | 2730-80612 | July 2, 2013 | FEGU | SY | June 14 | FEGU | 3 |
| Canada Warbler | 2730-80605 | June 23, 2013 | FEGU | SY | June 14 | FEGU | 3 |
| White-throated Sparrow | 2431-87740 | June 23, 2013 | FEGU | SY | May 29 | Mig | 3 |
| White-throated Sparrow | 2431-87967 | May 16, 2013 | Mig | SY | May 15 | Mig | 3 |
| Ovenbird | 2351-34398 | July 17, 2013 | Mig | AHY | June 21 | FAWA | 3+ |
| Mourning Warbler | 2730-80810 | Aug 14, 2013 | Mig | AHY | May 30 | Mig | 3+ |
| Canada Warbler | 2730-80615 | July 2, 2013 | FEGU | AHY | July 2 | FEGU | 3+ |
| Swainson's Thrush | 2431-87580 | June 8, 2012 | Mig | SY | Jun 15 | ROAD | 4 |
| Ovenbird | 1741-02969 | June 25, 2012 | RESI | SY | June 30 | RESI | 4 |
| American Redstart | 2520-57920 | July 24, 2011 | Mig | HY | June 22 | FEGU | 4 |
| Sharp-shinned Hawk | 1543-06242 | June 1, 2012 | Mig | AHY | Apr 26 | Mig | 4+ |
| Red-eyed Vireo | 2311-97769 | July 13, 2012 | Mig | AHY | July 12 | FEGU | 4+ |
| American Redstart | 2520-57897 | July 2, 2013 | FEGU | ASY | June 22 | FEGU | 4+ |
| Myrtle Warbler | 2730-80601 | June 18, 2013 | RESI | ASY | July 10 | RESI | 4+ |
| Canada Warbler | 2590-66020 | July 2, 2011 | FEGU | SY | May 30 | Mig | 5 |
| Myrtle Warbler | 2590-66397 | May 17, 2012 | Mig | ASY | June 22 | FEGU | 5+ |
| White-throated Sparrow | 2431-87581 | June 10, 2012 | Mig | ASY | July 2 | FEGU | 5+ |
| White-throated Sparrow | 2291-01481 | July 14, 2011 | FEGU | AHY | June 14 | FEGU | 5+ |
| Myrtle Warbler | 2560-00478 | June 6, 2010 | Mig | SY | June 2 | Mig | 6 |
| Canada Warbler | 2500-78957 | June 23, 2010 | ROAD | SY | May 27 | Mig | 6 |
| Ovenbird | 1741-02809 | May 26, 2009 | Mig | SY | May 31 | Mig | 7 |
| Canada Warbler | 2500-78568 | June 7, 2009 | Mig | ASY | July 2 | FEGU | 8+ |

# Recoveries

Five foreign recoveries occurred involving birds banded by the LSLBO and through the LBLSO's 2015 banding activities (Table 9). Three birds were originally banded by the LSLBO and recovered at another location. Two northern saw-whet owls were captured during owl banding that were originally banded at another location

Table 9. Foreign recaptures reported from fall 2014 to fall 2015.

| Species | Band | Original Banding | | | Recovery | | |
|---|---|---|---|---|---|---|---|
| | | Date | Location | Age | Date | Location | Status |
| Sharp-shinned Hawk | 1543-06230 | Aug 29, 2013 | LSLBO | HY | Oct 4, 2014 | Delano, Minnesota, USA | Found Dead |
| Dark-eyed Junco | 2730-80278 | May 7, 2013 | LSLBO | ASY | Feb 2, 2015 | Hutchinson, Kansas, USA | Found Dead |
| Red-eyed Vireo | 2351-34389 | Jun 4, 2013 | LSLBO | AHY | Oct 13, 2015 | Cundinamarca, La Guajira, Columbia | Alive |
| Northern Saw-whet Owl | 1014-64242 | Oct 6, 2012 | Prince Albert, Saskatchewan | HY | Sep 28, 2015 | LSLBO | Alive |
| Northern Saw-whet Owl | 1014-91719 | Nov 1, 2014 | Tofield, Alberta | HY | Sep 30, 2015 | LSLBO | Alive |

# Staff and Volunteers

The LSLBO accumulated 336 person days between staff and volunteers throughout the monitoring projects in 2015 (Table 10). The LSLBO operated with three full time field staff; two licensed banders and one student field assistant. Richard Krikun, the bander-in-charge, has been working at the LSLBO since 2004 and Nicole Linfoot has been working at the LSLBO since 2008. Jacob Lachapelle, a first-year university student, was hired as an assistant bander for the season.

Volunteer activity was low in 2015. Six volunteers accumulated 27 volunteer days. Three volunteers came for extra training for their summer field work and to work towards becoming licensed banders. Two volunteers came out to observe and help with the bird banding. Javan Green was the field assistant at the LSLBO in 2010 and 2011 and managed to make it back to the LSLBO for a couple days to visit and help with songbird and owl banding.

The LSLBO staff also assisted in a research project conducted by Amélie Roberto-Charron from the University of Manitoba. The project is studying the migratory connectivity of Canada warblers through the use of geolocators. The LSLBO staff assisted the project by assisting recovering birds that had geolocators deployed in 2014 and deploying new geolocators through late May until mid-June.

Table 10. Number of staff and volunteer days spend on monitoring activities in 2015.

| | Spring | MAPS | Fall | NSWO | Total |
|---|---|---|---|---|---|
| **LSLBO Staff** | | | | | |
| Richard Krikun | 38 | 13 | 52 | 7 | 110 |
| Nicole Linfoot | 35 | 11 | 47 | 34 | 127 |
| Jacob Lachapelle | 29 | 10 | 29 | | 68 |
| Sydney Haney | | | 4 | | 4 |
| **Total** | **102** | **34** | **132** | **41** | **309** |
| | | | | | |
| **Volunteers** | | | | | |
| Ingrid Prouse | 5 | | | | 5 |
| Jordan Lange | | | 7 | | 7 |
| Myles Grieve | | | 6 | | 6 |
| Meghan Jacklin | | | 3 | | 3 |
| Emily Cicon | | | 3 | | 3 |
| Javan Green | 1 | | | 2 | 3 |
| **Total** | **6** | | **19** | **2** | **27** |

# Visitors and Education

Education remains an important aspect of the LSLBO's mandate. Various programs through the Boreal Centre for Bird Conservation (BCBC) provide visitors and students the opportunity to learn more about birds, conservation, and the importance of research and monitoring. The LSLBO also hosts drop in events throughout the summer to allow campers and visitors exploring the area a chance to see some bird banding up close and learn about bird research and conservation efforts. These programs and events allow all visitors a unique experience while maintaining bird safety and accurate data recording.

In 2015, the LSLBO received over 1000 visitors to the banding station (Table 11). Spring migration had the most visitors, which was largely due to school programming and the annual Songbird Festival. There were 9 school groups ranging from grades one through seven. The annual Songbird Festival was held on May 30. Most of the activities were held at the BCBC, but hiking and bus tours brought visitors to the banding lab to check out the bird banding. It was an excellent day and all visitors were able to see a bird being banded. A few lucky visitors were even able to observe the blackburnian warbler singing near the lab.

Fall migration had fewer organized tours, with the focus being on drop-in tours for the summer campers and families. The LSLBO hosted 9 of these tours throughout late July and August; there was usually between 20 and 30 people at each tour. The LSLBO also hosted a tour for Junior Forest Wardens and a biology 30 class from Slave Lake.

Northern saw-whet owl banding drew in people to a couple of events. The most successful was the family owl night held on October 17, which had approximately 60 visitors. A junior high class from Ardrossen also took the opportunity to watch the owl banding.

Table 11. Number of visitors to the banding station in 2015.

| | **Adults** | **Children** | **Total** |
|---|---|---|---|
| Spring Migration | 237 | 291 | 528 |
| Fall Migration | 280 | 175 | 455 |
| Northern Saw-whet Owls | 49 | 51 | 100 |
| **Total** | **566** | **517** | **1083** |

# Acknowledgements

The LSLBO would like to thank the following people and organizations whose hard work, dedication, and contributions made 2015 a very successful year.

**LSLBO Board of Directors:** Bob Deacon (Chair), Terry Kristoff (Vice-chair), Ronda Groom (Treasurer), Tyler Flockhart (Director of Field Research), Nelson Lutz (Director at Large), Neal Knoot (Director at Large), and Alan Bell (Director at Large).

**Executive Director:** Patti Campsall

**LSLBO Banders:** Richard Krikun, Nicole Linfoot, Jacob Lachapelle

**Boreal Centre Staff and Educators:** Susie VanderVaart, Laura Windsor, Maddie Faubert, and Sydney Haney

**Alberta Parks Staff:** Ceiridwen Robbins, Alex Beatty, and Jonathan Kobewka

**University of Manitoba Canada Warbler Crew:** Amélie Roberto-Charron, Kevin Methuen, and Judith Kennedy

**Banding Lab Volunteers:** Ingrid Prouse, Jordan Lange, Myles Grieve, Meghan Jacklin, Emily Cicon, and Javan Green.

**Our Good Friends:** Aaron Lehman, Wayne Bowles, Stephen Partington, Dave and Kathy Cullen.

Further information about migration monitoring and MAPS can be found at:
Canadian Migration Monitoring Network- www.bsc.org/cmmn.html
Nature Counts- www.naturecounts.ca
Institute for Bird Populations- www.birdpop.org

# Appendix I. 2015 Migration Occurrence Records

The following charts summarize the occurrences of the 159 species encountered during spring and fall migration monitoring in 2015. The charts include the average number of birds encountered each week during migration. The first and last encounter date and the peak date for each species is included along with the number of individuals encountered on each of those dates. The # processed is the number of birds banded. If any recaptures occurred the number banded is followed by the number of returns then the number of repeats (banded-return-repeat). Notes are included with species with special occurrences.

**Greater White-fronted Goose (*Anser albifrons)***

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 381.30 | 4489.43 | 68.57 | 0 | 0 | 0 | 0 | 686.90 |
| # Days Observed | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 10 |
| | First Date: April 20- 30 | | Last Date: May 10- 480 | | | Peak Date: May 5- 20607 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62.86 | 244.71 | 62.14 | 79.14 | 15.00 | 39.53 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 5 | 4 | 1 | 17 |
| | First Date: September 2- 20 | | | | Last Date: September 27- 60 | | | | Peak Date: September 9- 1240 | | | | |

**Snow Goose (*Chen caerulescens*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.20 | 2581.14 | 58.57 | 0 | 0 | 0.29 | 0 | 355.42 |
| # Days Observed | 1 | 3 | 2 | 0 | 0 | 1 | 0 | 7 |
| | First Date: April 27- 2 | | Last Date: May 31- 2 | | | Peak Date: May 5- 17060 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.29 | 56.43 | 17.50 | 6.11 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 5 |
| | First Date: September 14- 30 | | | | Last Date: September 27- 70 | | | | Peak Date: September 22- 330 | | | | |

**Canada Goose (*Branta canadensis*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 21.90 | 58.14 | 5.71 | 4.14 | 3.14 | 19.71 | 4.71 | 17.08 |
| # Days Observed | 9 | 7 | 7 | 7 | 7 | 4 | 4 | 45 |
| | First Date: April 20- 22 | | Last Date: June 10- 6 | | | Peak Date: May 4- 324 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 4.00 | 8.00 | 8.29 | 0 | 3.71 | 0.57 | 8.14 | 15.14 | 27.14 | 15.43 | 7.00 | 0 | 8.42 |
| # Days Observed | 1 | 1 | 1 | 0 | 2 | 2 | 4 | 6 | 7 | 5 | 4 | 0 | 33 |
| | First Date: July 14- 28 | | | | Last Date: September 24- 12 | | | | Peak Date: July 31- 58 | | | | |

**Trumpeter Swan (*Cygnus buccinator*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 1.86 | 0 | 0 | 0 | 0 | 0 | 0.25 |
| # Days Observed | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| | First Date: May 4- 8 | | Last Date: May 5- 5 | | | Peak Date: May 4- 8 | | |

**Tundra Swan (*Cygnus columbianus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 67.00 | 2.71 | 0 | 0 | 0 | 0 | 0 | 13.25 |
| # Days Observed | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 8 |
| | First Date: April 20- 305 | | Last Date: May 5- 11 | | | Peak Date: April 20- 305 | | |

**Tundra Swan (*Cygnus columbianus*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | OCTOBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.75 | 0.23 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | First Date: September 27- 19 | | | | Last Date: September 27- 19 | | | | Peak Date: September 27- 19 | | | | |

**Gadwall (*Anas strepera*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0.06 |
| # Days Observed | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: April 30- 3 | | | Last Date: April 30- 3 | | | Peak Date: April 30- 3 | |

**American Wigeon (*Anas americana*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 6.10 | 8.29 | 1.57 | 0.57 | 0.29 | 0 | 0.43 | 2.67 |
| # Days Observed | 5 | 6 | 2 | 2 | 2 | 0 | 1 | 18 |
| | First Date: April 20- 33 | | | Last Date: June 9- 3 | | | Peak Date: April 30- 40 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | OCTOBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0.29 | 0 | 0.07 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| | First Date: August 12- 4 | | | | Last Date: September 24- 2 | | | | Peak Date: August 12- 4 | | | | |

**Mallard (*Anas platyrhynchos*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 9.80 | 4.29 | 2.71 | 3.14 | 3.86 | 1.86 | 0.86 | 4.13 |
| # Days Observed | 10 | 7 | 7 | 7 | 6 | 6 | 2 | 45 |
| | First Date: April 20- 17 | | | Last Date: June 8- 4 | | | Peak Date: April 21- 33 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | OCTOBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.57 | 0.57 | 0.29 | 1.29 | 2.29 | 2.43 | 0.71 | 1.57 | 7.57 | 9.14 | 4.71 | 7.00 | 3.04 |
| # Days Observed | 1 | 3 | 2 | 4 | 4 | 4 | 3 | 5 | 6 | 7 | 6 | 4 | 49 |
| | First Date: July 17- 4 | | | | Last Date: September 30- 2 | | | | Peak Date: September 16- 34 | | | | |

**Blue-winged Teal (*Anas discors*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0.29 | 0.86 | 0.14 | 0.57 | 0 | 0 | 0.25 |
| # Days Observed | 0 | 1 | 1 | 1 | 3 | 0 | 0 | 6 |
| | First Date: May 1- 2 | | | Last Date: May 24- 1 | | | Peak Date: May 13- 6 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | OCTOBER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.29 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0.04 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | First Date: August 12- 2 | | | | Last Date: September 10- 1 | | | | Peak Date: August 12- 2 | | | | |

**Northern Shoveler (*Anas clypeata*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.50 | 0.29 | 0.29 | 0 | 0 | 0 | 0 | 0.17 |
| # Days Observed | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 4 |
| | First Date: April 23- 3 | | | Last Date: May 9- 2 | | | Peak Date: April 23- 3 | |

**Northern Pintail (*Anas acuta*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.80 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0.19 |
| # Days Observed | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| | First Date: April 20- 3 | | | Last Date: May 1- 2 | | | Peak Date: April 27- 5 | |

**American Green-winged Teal (*Anas crecca carolinensis*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 3.30 | 3.86 | 0.29 | 1.29 | 0.43 | 0.14 | 0.43 | 1.50 |
| # Days Observed | 5 | 5 | 1 | 3 | 1 | 1 | 1 | 17 |
| | First Date: April 23- 17 | | Last Date: June 4- 3 | | | Peak Date: April 23- 17 | | |

**Ring-necked Duck (*Aythya collaris*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.20 | 1.71 | 0 | 0 | 0 | 0 | 0 | 0.46 |
| # Days Observed | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| | First Date: April 28- 12 | | Last Date: April 30- 12 | | | Peak Date: All Dates- 12 | | |

**Greater Scaup (*Aythya marila*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: April 28- 1 | | Last Date: April 28- 1 | | | Peak Date: April 28- 1 | | |

Note: flocks of scaup flying at a distance are recorded as unidentified scaup

**Surf Scoter (*Melanitta perspicillata*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 2.43 | 63.43 | 40.14 | 14.71 | 0 | 0 | 16.25 |
| # Days Observed | 0 | 2 | 7 | 5 | 6 | 0 | 0 | 20 |
| | First Date: May 3- 2 | | Last Date: May 27- 4 | | | Peak Date: May 16- 123 | | |

**White-winged Scoter (*Melanitta fusca*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.20 | 0 | 4.43 | 0.57 | 0.43 | 0 | 0 | 0.77 |
| # Days Observed | 1 | 0 | 4 | 2 | 2 | 0 | 0 | 9 |
| | First Date: April 23- 2 | | Last Date: May 22- 2 | | | Peak Date: May 8- 12 | | |

**Long-tailed Duck (*Clangula hyemalis*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.80 | 0.86 | 28.57 | 0.57 | 0 | 0 | 0 | 4.19 |
| # Days Observed | 2 | 1 | 7 | 2 | 0 | 0 | 0 | 12 |
| | First Date: April 27- 1 | | Last Date: May 17- 2 | | | Peak Date: May 12- 54 | | |

**Bufflehead (*Bucephala albeola*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.20 | 0.29 | 1.71 | 0.29 | 0.57 | 0 | 0 | 0.42 |
| # Days Observed | 2 | 1 | 2 | 1 | 3 | 0 | 0 | 9 |
| | First Date: April 25- 1 | | Last Date: May 23- 1 | | | Peak Date: May 7 & 9- 6 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.29 | 0 | 6.57 | 7.86 | 28.00 | 2.65 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 5 | 4 | 13 |
| | First Date: September 4- 2 | | | | Last Date: September 30- 70 | | | | Peak Date: September 30- 70 | | | | |

**Common Goldeneye (*Bucephala clangula*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 13.00 | 14.00 | 14.29 | 9.14 | 18.29 | 4.29 | 4.71 | 11.21 |
| # Days Observed | 10 | 7 | 7 | 7 | 7 | 6 | 7 | 51 |
| | First Date: April 20- 7 | | Last Date: June 10- 1 | | | Peak Date: April 30- 28 | | |

**Common Goldeneye (*Bucephala clangula*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.43 | 7.00 | 1.29 | 1.00 | 5.57 | 7.00 | 6.14 | 0 | 1.71 | 4.00 | 8.86 | 24.25 | 5.00 |
| # Days Observed | 3 | 6 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 5 | 6 | 4 | 51 |
| | First Date: July 12- 1 | | | | Last Date: September 30- 40 | | | | Peak Date: September 29 & 30- 40 | | | | |

**Hooded Merganser (*Lophodytes cucullatus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0.04 |
| # Days Observed | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: May 6- 2 | | Last Date: May 6- 2 | | | Peak Date: May 6- 2 | | |

**Common Merganser (*Mergus merganser*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 12.60 | 11.00 | 5.71 | 5.14 | 18.86 | 21.29 | 3.57 | 11.25 |
| # Days Observed | 10 | 6 | 7 | 7 | 7 | 7 | 3 | 47 |
| | First Date: April 20- 11 | | Last Date: June 10- 10 | | | Peak Date: May 22- 44 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.43 | 4.14 | 4.29 | 2.57 | 1.43 | 2.00 | 0.57 | 6.29 | 2.14 | 2.29 | 0.57 | 2.75 | 2.53 |
| # Days Observed | 2 | 4 | 4 | 3 | 3 | 4 | 1 | 4 | 4 | 2 | 2 | 3 | 36 |
| | First Date: July 12- 1 | | | | Last Date: September 30- 3 | | | | Peak Date: July 31 & September 4- 14 | | | | |

**Red-breasted Merganser (*Mergus serrator*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.80 | 1.14 | 0.86 | 0.00 | 4.43 | 0.29 | 0.29 | 1.10 |
| # Days Observed | 2 | 2 | 3 | 0 | 6 | 1 | 1 | 15 |
| | First Date: April 27- 4 | | Last Date: June 9- 2 | | | Peak Date: May 25- 8 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 1.43 | 0 | 0 | 0 | 0 | 0 | 0.12 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: August 26- 10 | | | | Last Date: August 26- 10 | | | | Peak Date: August 26- 10 | | | | |

**Ruffed Grouse (*Bonasa umbellus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.00 | 2.00 | 1.57 | 0.71 | 0.29 | 1.14 | 0.29 | 1.19 |
| # Days Observed | 10 | 7 | 7 | 4 | 2 | 7 | 2 | 39 |
| | First Date: April 20- 2 | | Last Date: June 8- 1 | | | Peak Date: 3 Dates- 3 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.57 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0.14 | 1.00 | 1.29 | 0.43 | 0.75 | 0.35 |
| # Days Observed | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | 4 | 3 | 3 | 19 |
| | First Date: July 13- 1 | | | | Last Date: September 30- 1 | | | | Peak Date: September 14- 4 | | | | |

**Common Loon (*Gavia immer*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.50 | 1.14 | 3.43 | 1.57 | 4.57 | 3.14 | 1.71 | 2.19 |
| # Days Observed | 2 | 6 | 6 | 6 | 7 | 6 | 7 | 40 |
| | First Date: April 28- 2 | | | Last Date: June 10- 2 | | | Peak Date: May 27- 17 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.29 | 1.57 | 0.29 | 9.14 | 5.00 | 0.43 | 2.14 | 1.14 | 6.86 | 1.00 | 0.29 | 0.75 | 2.56 |
| # Days Observed | 6 | 5 | 2 | 7 | 4 | 3 | 6 | 5 | 6 | 5 | 2 | 3 | 54 |
| | First Date: July 12- 1 | | | | Last Date: September 30- 1 | | | | | Peak Date: August 3- 33 | | | |

### Red-Necked Grebe (*Podiceps grisegena*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.10 | 0.71 | 2.71 | 1.57 | 2.71 | 1.43 | 1.43 | 1.44 |
| # Days Observed | 1 | 3 | 5 | 5 | 7 | 5 | 5 | 31 |
| | First Date: April 27- 1 | | Last Date: June 10- 3 | | | Peak Date: May 7 & 8- 6 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0.71 | 0.86 | 1.71 | 2.14 | 1.57 | 2.86 | 2.29 | 2.14 | 0.71 | 0.57 | 0.75 | 1.38 |
| # Days Observed | 0 | 4 | 2 | 6 | 7 | 6 | 7 | 6 | 6 | 3 | 3 | 2 | 52 |
| | First Date: July 20- 1 | | | | Last Date: September 30- 2 | | | | Peak Date: September 7- 7 | | | | |

### Eared Grebe (*Podiceps nigricollis*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 1.29 | 0 | 0 | 0 | 0 | 0.17 |
| # Days Observed | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| | First Date: May 7- 8 | | Last Date: May 9- 1 | | | Peak Date: May 7- 8 | | |

### Western Grebe (*Aechmophorus occidentalis*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 9.86 | 0 | 0 | 1.33 |
| # Days Observed | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| | First Date: May 22- 1 | | Last Date: May 26- 1 | | | Peak Date: May 23- 40 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.29 | 0 | 1.29 | 0.29 | 0.71 | 0.71 | 0 | 0 | 0 | 0.25 | 0.30 |
| # Days Observed | 0 | 0 | 1 | 0 | 2 | 2 | 5 | 3 | 0 | 0 | 0 | 1 | 14 |
| | First Date: July 31- 2 | | | | Last Date: September 30- 1 | | | | Peak Date: August 10- 5 | | | | |

### Double-crested Cormorant (*Phalacrocorax auritus*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.86 | 0 | 0 | 0 | 0.09 |
| # Days Observed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | First Date: July 18- 1 | | | | Last Date: September 9- 6 | | | | Peak Date: September 9- 6 | | | | |

### American White Pelican (*Pelecanus erythrorhynchos*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 0 | 0 | 0.29 | 0 | 0 | 0.14 | 0.12 |
| # Days Observed | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 3 |
| | First Date: April 27- 3 | | Last Date: June 10- 1 | | | Peak Date: April 27- 3 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.14 | 1.43 | 1.14 | 1.43 | 5.00 | 0.29 | 0 | 0.81 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 4 | 4 | 4 | 2 | 0 | 20 |
| | First Date: August 18- 1 | | | | Last Date: September 26- 1 | | | | Peak Date: September 16- 20 | | | | |

### Great Blue Heron (*Ardea herodias*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0.12 |
| # Days Observed | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| | First Date: April 21- 2 | | Last Date: May 5- 2 | | | Peak Date: Apr 21, May 5- 2 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.14 | 0.14 | 0.14 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0.05 |
| # Days Observed | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 |
| | First Date: July 27- 1 | | | | Last Date: September 9- 1 | | | | Peak Date: All Dates- 1 | | | | |

### Osprey (*Pandion haliaetus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | First Date: June 3- 1 | | Last Date: June 3- 1 | | | Peak Date: June 3- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0 | 0.14 | 0.14 | 0.29 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0.25 | 0.09 |
| # Days Observed | 1 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 7 |
| | First Date: July 16- 1 | | | | Last Date: September 29- 1 | | | | Peak Date: All Dates- 1 | | | | |

### Bald Eagle (*Haliaeetus leucocephalus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.00 | 2.29 | 1.86 | 1.57 | 1.43 | 1.71 | 1.29 | 1.75 |
| # Days Observed | 10 | 7 | 7 | 7 | 7 | 7 | 7 | 52 |
| | First Date: April 20- 3 | | Last Date: June 10- 1 | | | Peak Date: May 2 & 3- 4 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.86 | 2.00 | 2.86 | 1.29 | 2.00 | 2.71 | 3.00 | 2.43 | 2.14 | 2.14 | 2.29 | 1.75 | 2.22 |
| # Days Observed | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 79 |
| | First Date: July 12- 2 | | | | Last Date: September 29- 2 | | | | Peak Date: July 18 & 25- 5 | | | | |

### Northern Harrier (*Circus cyaneus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 3.90 | 4.57 | 0.57 | 0.43 | 0 | 0.14 | 0 | 1.52 |
| # Days Observed | 7 | 6 | 4 | 2 | 0 | 1 | 0 | 20 |
| | First Date: April 20- 3 | | Last Date: June 2- 1 | | | Peak Date: May 2- 16 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0 | 0 | 0.29 | 0 | 0.14 | 1.14 | 1.00 | 1.14 | 1.86 | 0.57 | 1.75 | 0.64 |
| # Days Observed | 2 | 0 | 0 | 1 | 0 | 1 | 6 | 4 | 4 | 6 | 2 | 3 | 29 |
| | First Date: July 13- 1 | | | | Last Date: September 29- 2 | | | | Peak Date: September 15- 5 | | | | |

### Sharp-shinned Hawk (*Accipiter striatus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.70 | 1.14 | 0.43 | 1.00 | 0.29 | 0.14 | 0.14 | 0.56 |
| # Days Observed | 5 | 5 | 3 | 4 | 2 | 1 | 1 | 21 |
| # Processed | 1-1-0 | 1 | 0 | 2 | 1-0-1 | 0 | 1 | 6-1-1 |
| | First Date: April 21- 1 | | Last Date: June 10- 1 | | | Peak Date: April 30, May 16- 3 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0.14 | 0.14 | 2.43 | 5.86 | 6.29 | 12.00 | 4.71 | 4.86 | 6.00 | 1.57 | 0.25 | 3.83 |
| # Days Observed | 1 | 1 | 1 | 4 | 7 | 7 | 7 | 6 | 7 | 5 | 4 | 1 | 51 |
| # Processed | 0 | 0 | 1 | 3 | 6 | 4 | 9 | 3 | 6 | 4 | 2 | 1 | 39 |
| | First Date: July 15- 1 | | | | Last Date: September 28- 1 | | | | Peak Date: August 27- 26 | | | | |

### Cooper's Hawk (*Accipiter cooperii*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: August 27- 1 | | | | Last Date: August 27- 1 | | | | Peak Date: August 27- 1 | | | | |

### Northern Goshawk (*Accipiter gentilis*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.14 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| | First Date: August 15- 1 | | | | Last Date: August 28- 1 | | | | Peak Date: All Dates- 1 | | | | |

**Broad-winged Hawk (*Buteo platypterus)***

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0.14 | 0 | 0.14 | 0 | 0 | 0.04 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 3 |
| | First Date: August 14- 1 | | | | Last Date: September 16- 1 | | | | Peak Date: All Dates- 1 | | | | |

**Red-tailed Hawk (*Buteo jamaicensis*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.14 | 0 | 0.14 | 0.29 | 0 | 0.08 |
| # Days Observed | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 4 |
| | First Date: May 13- 1 | | Last Date: May 30- 1 | | | Peak Date: All Dates- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0.86 | 0.57 | 0 | 0.14 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 2 | 0 | 6 |
| | First Date: September 2- 1 | | | | Last Date: September 24- 2 | | | | Peak Date: September 14- 3 | | | | |

**Rough-legged Hawk (*Buteo lagopus*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0.08 |
| # Days Observed | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 3 |
| | First Date: April 21- 1 | | Last Date: May 8- 1 | | | Peak Date: April 24- 2 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0.25 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| | First Date: September 24- 1 | | | | Last Date: September 28- 1 | | | | Peak Date: All Dates- 1 | | | | |

**Sandhill Crane (*Grus canadensis*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 29.10 | 55.71 | 0 | 0 | 0 | 0 | 0 | 13.10 |
| # Days Observed | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 7 |
| | First Date: April 21- 3 | | Last Date: May 5- 50 | | | Peak Date: May 4- 290 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.14 | 0 | 1.71 | 0 | 25.00 | 3.56 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 3 |
| | First Date: September 2- 176 | | | | Last Date: September 27- 100 | | | | Peak Date: September 2- 176 | | | | |

**Killdeer (*Charadrius vociferous*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Total |
| Mean # Birds/Day | 0.50 | 0.14 | 0 | 0 | 0.14 | 0 | 0 | 0.13 |
| # Days Observed | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 5 |
| | First Date: April 20- 3 | | Last Date: May 25- 1 | | | Peak Date: April 20- 3 | | |

**Spotted Sandpiper (*Actitis macularius*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0.71 | 1.00 | 3.14 | 0.86 | 1.00 | 1.29 | 1.08 |
| # Days Observed | 0 | 4 | 6 | 7 | 5 | 5 | 7 | 34 |
| | First Date: May 2- 1 | | Last Date: June 10- 2 | | | Peak Date: May 16- 12 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.86 | 1.00 | 1.43 | 3.57 | 3.86 | 3.00 | 1.86 | 1.57 | 0.86 | 0 | 0 | 0.25 | 1.57 |
| # Days Observed | 4 | 4 | 6 | 7 | 6 | 6 | 7 | 5 | 5 | 0 | 0 | 1 | 51 |
| | First Date: July 12- 1 | | | | Last Date: September 27- 1 | | | | Peak Date: August 15- 14 | | | | |

**Solitary Sandpiper (*Tringa solitaria*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| | First Date: May 8- 1 | | Last Date: May 8- 1 | | | Peak Date: May 8- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: August 4- 1 | | | | Last Date: August 4- 1 | | | | Peak Date: August 4- 1 | | | | |

**Greater Yellowlegs (*Tringa melanoleuca*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.60 | 0.71 | 0.43 | 0.29 | 0 | 0 | 0 | 0.50 |
| # Days Observed | 4 | 4 | 3 | 2 | 0 | 0 | 0 | 13 |
| | First Date: April 23- 10 | | Last Date: May 19- 1 | | | Peak Date: April 23- 10 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.43 | 1.57 | 1.43 | 1.14 | 1.71 | 2.14 | 1.29 | 0.57 | 0 | 0.89 |
| # Days Observed | 0 | 0 | 0 | 3 | 2 | 5 | 6 | 5 | 7 | 5 | 4 | 0 | 37 |
| | First Date: August 2- 1 | | | | Last Date: September 26- 1 | | | | Peak Date: August 10- 10 | | | | |

Note: a number of yellowlegs are not positively identified and are recorded as unidentified yellowlegs.

**Lesser Yellowlegs (*Tringa flavipes*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0.12 |
| # Days Observed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: April 23- 6 | | Last Date: April 23- 6 | | | Peak Date: April 23- 6 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.43 | 0.71 | 1.57 | 0.43 | 0.14 | 0.29 | 0 | 0 | 0 | 0 | 0.31 |
| # Days Observed | 0 | 0 | 3 | 2 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 13 |
| | First Date: July 27- 1 | | | | Last Date: September 4- 2 | | | | Peak Date: August 10- 9 | | | | |

Note: a number of yellowlegs are not positively identified and are recorded as unidentified yellowlegs.

**Stilt Sandpiper (*Calidris himantopus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.00 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 |
| # Days Observed | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: May 1- 5 | | Last Date: May 1- 5 | | | Peak Date: May 1- 5 | | |

**Common Snipe (*Gallinago gallinago*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0.10 |
| # Days Observed | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 5 |
| | First Date: April 23- 1 | | Last Date: May 3- 1 | | | Peak Date: All Dates- 1 | | |

**Bonaparte's Gull (*Chroicocephalus philadelphia*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 1.43 | 0 | 0 | 0.19 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | First Date: May 23- 10 | | Last Date: May 23- 10 | | | Peak Date: May 23- 10 | | |

**Franklin's Gull (*Leucophaeus pipixcan*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.70 | 53.86 | 34.00 | 6.57 | 3.71 | 3.14 | 27.29 | 17.63 |
| # Days Observed | 3 | 6 | 5 | 5 | 5 | 2 | 4 | 30 |
| | First Date: April 27- 2 | | Last Date: June 9- 2 | | | Peak Date: May 8- 190 | | |

**Franklin's Gull (*Leucophaeus pipixcan*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 21.00 | 555.71 | 382.71 | 39.43 | 49.43 | 0.14 | 240.29 | 0 | 211.43 | 0.14 | 0 | 0 | 129.65 |
| # Days Observed | 3 | 3 | 6 | 2 | 5 | 1 | 5 | 0 | 1 | 1 | 0 | 0 | 27 |
| | First Date: July 16- 25 | | | | Last Date: September 14- 1 | | | | Peak Date: July 25- 3888 | | | | |

**Mew Gull (*Larus canus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 1.57 | 12.00 | 0 | 2.14 | 0 | 0 | 2.12 |
| # Days Observed | 0 | 3 | 3 | 0 | 1 | 0 | 0 | 7 |
| | First Date: May 1- 2 | | Last Date: May 21- 15 | | | Peak Date: May 7- 63 | | |

**Ring-billed Gull (*Larus delawarensis*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.80 | 1.57 | 0.14 | 0 | 0 | 0.43 | 0.43 | 0.50 |
| # Days Observed | 2 | 2 | 1 | 0 | 0 | 2 | 1 | 8 |
| | First Date: April 20- 2 | | Last Date: June 8- 3 | | | Peak Date: April 21 & May 2- 6 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 4.29 | 51.86 | 25.00 | 3.00 | 25.57 | 5.71 | 4.43 | 7.14 | 4.86 | 9.86 | 29.57 | 11.75 | 15.38 |
| # Days Observed | 5 | 3 | 7 | 5 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 4 | 70 |
| | First Date: July 13- 2 | | | | Last Date: September 30- 18 | | | | Peak Date: July 25- 329 | | | | |

Note: a number of gulls are recorded as unidentified, particularly the juveniles in the fall.

**California Gull (*Larus californicus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | First Date: June 5- 1 | | Last Date: June 5- 1 | | | Peak Date: June 5- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: August 12- 2 | | | | Last Date: August 12- 2 | | | | Peak Date: August 12- 2 | | | | |

**Herring Gull (*Larus argentatus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.30 | 3.00 | 0.86 | 0.43 | 0.29 | 0.29 | 0 | 1.10 |
| # Days Observed | 4 | 6 | 3 | 1 | 2 | 2 | 0 | 18 |
| | First Date: April 21- 7 | | Last Date: June 2- 1 | | | Peak Date: May 2- 10 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0.14 | 0.14 | 0 | 0.86 | 0.57 | 0.29 | 0.43 | 0 | 0.14 | 0.14 | 0 | 0.25 |
| # Days Observed | 1 | 1 | 1 | 0 | 3 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 14 |
| | First Date: July 14- 1 | | | | Last Date: September 21- 1 | | | | Peak Date: August 10- 4 | | | | |

**Common Tern (*Sterna hirundo*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.29 | 0 | 1.86 | 0.43 | 0 | 0.35 |
| # Days Observed | 0 | 0 | 1 | 0 | 5 | 2 | 0 | 8 |
| | First Date: May 12- 2 | | Last Date: June 3- 1 | | | Peak Date: May 21 & 22- 4 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0.29 | 0.29 | 0.14 | 0.57 | 0.29 | 1.14 | 1.29 | 0.43 | 0 | 0 | 0 | 0.38 |
| # Days Observed | 0 | 1 | 2 | 1 | 2 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 12 |
| | First Date: July 23- 2 | | | | Last Date: September 10- 3 | | | | Peak Date: August 26- 8 | | | | |

**Forster's Tern (*Sterna forsteri*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 1.14 | 0.57 | 1.00 | 0.14 | 0.38 |
| # Days Observed | 0 | 0 | 0 | 4 | 3 | 4 | 1 | 12 |
| | First Date: May 15- 1 | | Last Date: June 4- 1 | | | Peak Date: May 18, Jun 3- 3 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0.14 | 0.71 | 1.86 | 0.57 | 0.43 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0.41 |
| # Days Observed | 2 | 1 | 2 | 4 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 15 |
| | First Date: July 12- 1 | | | | Last Date: August 25- 3 | | | | Peak Date: August 2- 5 | | | | |

**Mourning Dove (*Zenaida macroura*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.57 | 0 | 0 | 0.08 |
| # Days Observed | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| | First Date: May 25- 1 | | Last Date: May 27- 1 | | | Peak Date: May 26- 2 | | |

**Great Horned Owl (*Bubo virginianus*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.25 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | First Date: September 27- 1 | | | | Last Date: September 27- 1 | | | | Peak Date: September 27- 1 | | | | |

**Barred Owl (*Strix varia*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0.14 | 0 | 0 | 0.14 | 0 | 0 | 0.04 |
| # Days Observed | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| | First Date: May 4- 1 | | Last Date: May 25- 1 | | | Peak Date: All Dates- 1 | | |

**Common Nighthawk (*Chordeiles minor*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | First Date: May 27- 1 | | Last Date: May 27- 1 | | | Peak Date: May 27- 1 | | |

Note: usually only one individual encountered each year.

**Ruby-throated Hummingbird (*Archilochus colubris*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | First Date: June 10- 1 | | Last Date: June 10- 1 | | | Peak Date: June 10- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0 | 0 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.04 |
| # Days Observed | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | First Date: July 17- 1 | | | | Last Date: August 7- 2 | | | | Peak Date: August 7- 2 | | | | |

**Belted Kingfisher (*Megaceryle alcyon*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.20 | 0.57 | 0.43 | 0.29 | 0.43 | 0.43 | 0 | 0.33 |
| # Days Observed | 2 | 2 | 3 | 2 | 3 | 3 | 0 | 15 |
| | First Date: April 23- 1 | | Last Date: June 1- 1 | | | Peak Date: May 5- 3 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.57 | 0.14 | 0 | 0.14 | 0 | 0.14 | 0.14 | 0.14 | 0.57 | 0 | 0 | 0 | 0.16 |
| # Days Observed | 3 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 4 | 0 | 0 | 0 | 12 |
| | First Date: July 15- 1 | | | | Last Date: September 11- 1 | | | | Peak Date: July 18- 2 | | | | |

**Yellow-bellied Sapsucker (*Sphyrapicus varius*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 0.86 | 4.57 | 1.71 | 1.71 | 0.43 | 1.00 | 1.44 |
| # Days Observed | 3 | 2 | 7 | 7 | 6 | 3 | 5 | 33 |
| # Processed | 0 | 0 | 5 | 1-0-1 | 0-0-1 | 0 | 1-0-1 | 7-0-3 |
| | First Date: April 22- 1 | | Last Date: June 10- 2 | | | Peak Date: May 7- 8 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.86 | 1.14 | 0.43 | 0.86 | 0.14 | 0.00 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0.31 |
| # Days Observed | 4 | 5 | 2 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 17 |
| # Processed | 1-0-3 | 1-0-1 | 1-0-1 | 0-0-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3-0-6 |
| | First Date: July 13- 2 | | | Last Date: August 27- 1 | | | | Peak Date: July 23- 3 | | | | | |

**Downy Woodpecker (*Picoides pubescens*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.29 | 0 | 0.86 | 0.15 |
| # Days Observed | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 7 |
| # Processed | 0 | 0 | 0 | 0 | 1 | 0 | 1-0-3 | 2-0-3 |
| | First Date: May 22- 1 | | Last Date: June 10- 1 | | | Peak Date: June 9- 2 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.43 | 0.71 | 0.29 | 0.14 | 0.14 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0.25 |
| # Days Observed | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 12 |
| # Processed | 5-0-2 | 1 | 0-0-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6-0-3 |
| | First Date: July 12- 1 | | | Last Date: September 5- 1 | | | | Peak Date: July 13- 6 | | | | | |

**Hairy Woodpecker (*Picoides villosus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.10 | 0 | 0.29 | 0.29 | 0.29 | 0 | 0 | 0.13 |
| # Days Observed | 1 | 0 | 2 | 2 | 2 | 0 | 0 | 7 |
| | First Date: April 21- 1 | | Last Date: May 26- 1 | | | Peak Date: All Dates- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 3.14 | 2.14 | 0.86 | 2.00 | 1.57 | 1.00 | 0.57 | 0.43 | 0.57 | 0.43 | 0.71 | 0.75 | 1.20 |
| # Days Observed | 7 | 5 | 5 | 6 | 6 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 53 |
| # Processed | 5-0-5 | 2-0-5 | 1 | 1-0-2 | 1 | 0-0-1 | 0 | 0 | 1 | 0-0-1 | 1 | 0-0-1 | 12-0-15 |
| | First Date: July 12- 6 | | | Last Date: September 30- 1 | | | | Peak Date: July 12- 6 | | | | | |

**Northern Flicker (*Colaptes auratus* )**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 3.60 | 7.57 | 2.57 | 1.29 | 0.86 | 0.14 | 0.14 | 2.38 |
| # Days Observed | 10 | 6 | 7 | 6 | 6 | 1 | 1 | 37 |
| # Processed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: April 20- 3 | | Last Date: June 10- 1 | | | Peak Date: May 3- 35 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.86 | 0.43 | 0.43 | 0.29 | 0.86 | 0.43 | 0.29 | 0.71 | 0.57 | 0.29 | 0.14 | 0 | 0.46 |
| # Days Observed | 2 | 2 | 3 | 2 | 5 | 3 | 2 | 4 | 3 | 2 | 1 | 0 | 29 |
| # Processed | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0-0-2 | 2 | 0 | 0 | 0 | 6-0-2 |
| | First Date: July 12- 1 | | | Last Date: September 26- 1 | | | | Peak Date: July 13- 5 | | | | | |

Note: All northern flickers encountered were yellow-shafted flickers.

**Pileated Woodpecker (*Dryocopus pileatus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.10 | 0.29 | 0.43 | 0.14 | 0.43 | 0.43 | 0.43 | 0.31 |
| # Days Observed | 1 | 1 | 3 | 1 | 3 | 3 | 3 | 15 |
| | First Date: April 27- 1 | | Last Date: June 10- 1 | | | Peak Date: May 3- 2 | | |

**Pileated Woodpecker (*Dryocopus pileatus*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.71 | 1.00 | 0.57 | 0.86 | 0.57 | 0.43 | 0 | 0 | 0.36 |
| # Days Observed | 0 | 0 | 0 | 0 | 4 | 6 | 4 | 4 | 4 | 2 | 0 | 0 | 24 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0-0-1 | 0-0-1 | 0 | 0 | 4-0-2 |
| | First Date: August 9- 2 | | | | Last Date: September 16- 1 | | | | Peak Date: August 30- 3 | | | | |

**American Kestrel (*Falco sparverius*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.20 | 1.43 | 0 | 0.29 | 0 | 0 | 0 | 0.27 |
| # Days Observed | 1 | 5 | 0 | 1 | 0 | 0 | 0 | 7 |
| | First Date: April 29- 2 | | Last Date: May 16- 2 | | | Peak Date: May 2 & 5- 3 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 1.00 | 0.14 | 0.43 | 0.43 | 0 | 0 | 0.17 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 0 | 7 |
| | First Date: August 26- 2 | | | | Last Date: September 15- 3 | | | | Peak Date: 3 Dates- 3 | | | | |

**Merlin (*Falco columbarius*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 0.71 | 0.00 | 0.43 | 0.14 | 0.14 | 0 | 0.25 |
| # Days Observed | 1 | 2 | 0 | 3 | 1 | 1 | 0 | 8 |
| | First Date: April 20- 3 | | Last Date: May 30- 1 | | | Peak Date: May 6- 4 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.43 | 0.71 | 0.29 | 0.86 | 1.29 | 1.43 | 1.43 | 0.43 | 0.71 | 0.14 | 0.29 | 0.25 | 0.70 |
| # Days Observed | 3 | 5 | 1 | 5 | 6 | 5 | 5 | 2 | 3 | 1 | 2 | 1 | 39 |
| | First Date: July 15- 1 | | | | Last Date: September 29- 1 | | | | Peak Date: August 17- 4 | | | | |

**Peregrine Falcon (*Falco peregrinus*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.29 | 0.29 | 0 | 0.05 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 4 |
| | First Date: September 13- 1 | | | | Last Date: September 25- 1 | | | | Peak Date: All Dates- 1 | | | | |

**Olive-sided Flycatcher (*Contopus cooperi*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: August 2- 1 | | | | Last Date: August 2- 1 | | | | Peak Date: August 2- 1 | | | | |

Note: Usually only one individual is sighted and not observed every year.

**Western Wood-pewee (*Contopus sordidulus*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.43 | 0.43 | 0.12 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | First Date: June 1- 2 | | Last Date: June 10- 1 | | | Peak Date: June 1 & 4- 2 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0.71 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.10 |
| # Days Observed | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | First Date: July 12- 1 | | | | Last Date: August 3- 1 | | | | Peak Date: July 22- 2 | | | | |

**Yellow-bellied Flycatcher (*Empidonax flaviventris*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.29 | 0 | 0.04 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| | First Date: May 28- 2 | | Last Date: May 28- 2 | | | Peak Date: May 28- 2 | | |

### Alder Flycatcher (*Empidonax alnorum*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.29 | 3.14 | 7.43 | 1.46 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 7 | 7 | 15 |
| # Processed | 0 | 0 | 0 | 0 | 1 | 4 | 16 | 21 |
| | First Date: May 27- 2 | | Last Date: June 10- 5 | | | Peak Date: June 4- 12 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.86 | 2.43 | 0.43 | 3.43 | 2.57 | 1.29 | 0.00 | 0.29 | 0.29 | 0 | 0 | 0 | 1.00 |
| # Days Observed | 3 | 5 | 2 | 6 | 6 | 6 | 0 | 2 | 2 | 0 | 0 | 0 | 32 |
| # Processed | 2 | 1 | 1 | 16-0-1 | 18 | 9 | 0 | 2 | 2 | 0 | 0 | 0 | 51-0-1 |
| | First Date: July 12- 2 | | | | Last Date: September 7- 1 | | | | Peak Date: August 9- 8 | | | | |

### Least Flycatcher (*Empidonax minimus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 1.86 | 3.00 | 3.57 | 1.57 | 0.57 | 1.42 |
| # Days Observed | 0 | 0 | 6 | 6 | 7 | 6 | 3 | 28 |
| # Processed | 0 | 0 | 2 | 4 | 5 | 2 | 0 | 13 |
| | First Date: May 7- 2 | | Last Date: June 9- 1 | | | Peak Date: May 16- 8 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0.71 | 3.43 | 7.29 | 5.57 | 1.43 | 0.29 | 0.57 | 0.29 | 0 | 0 | 0 | 1.72 |
| # Days Observed | 2 | 3 | 5 | 7 | 6 | 5 | 2 | 3 | 2 | 0 | 0 | 0 | 35 |
| # Processed | 0 | 2 | 10 | 11-0-1 | 13 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 39-0-1 |
| | First Date: July 12- 1 | | | | Last Date: September 9- 1 | | | | Peak Date: August 9- 15 | | | | |

### Eastern Phoebe (*Sayornis phoebe*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.00 | 2.29 | 2.14 | 2.14 | 1.14 | 1.00 | 0.86 | 1.67 |
| # Days Observed | 9 | 7 | 7 | 7 | 7 | 7 | 6 | 50 |
| # Processed | 5-0-1 | 0-0-3 | 1 | 1-0-1 | 0 | 0-0-1 | 0 | 7-0-6 |
| | First Date: April 21- 1 | | Last Date: June 10- 1 | | | Peak Date: 5 Dates- 4 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.29 | 1.71 | 1.86 | 3.71 | 2.86 | 1.71 | 0.14 | 0.14 | 0.14 | 0 | 0 | 0 | 1.17 |
| # Days Observed | 5 | 7 | 5 | 7 | 6 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 37 |
| # Processed | 0-0-1 | 1-0-1 | 2 | 5 | 1-0-2 | 1-0-1 | 0 | 0 | 0 | 0 | 0 | 0 | 10-0-5 |
| | First Date: July 12- 3 | | | | Last Date: September 7- 1 | | | | Peak Date: August 6- 11 | | | | |

### Say's Phoebe (*Sayornis saya*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0.86 | 0.29 | 0 | 0 | 0 | 0 | 0.15 |
| # Days Observed | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 4 |
| | First Date: May 5- 2 | | Last Date: May 8- 1 | | | Peak Date: May 6- 4 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| | First Date: August 15- 1 | | | | Last Date: September 3- 1 | | | | Peak Date: All Dates- 1 | | | | |

### Eastern Kingbird (*Tyrannus tyrannus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.29 | 0.29 | 0.43 | 0.13 |
| # Days Observed | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 5 |
| | First Date: May 21- 1 | | Last Date: June 8- 2 | | | Peak Date: June 1 & 8- 2 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.43 | 0.86 | 1.29 | 0.29 | 0.43 | 0.14 | 0 | 0 | 0 | 0 | 0.30 |
| # Days Observed | 0 | 0 | 2 | 3 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 11 |
| | First Date: July 27- 2 | | | | Last Date: August 31- 1 | | | | Peak Date: August 10- 7 | | | | |

### Blue-headed Vireo (*Vireo solitaries*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.71 | 1.00 | 0.43 | 0.29 | 0 | 0.33 |
| # Days Observed | 0 | 0 | 4 | 5 | 3 | 2 | 0 | 14 |
| | First Date: May 8- 1 | | Last Date: May 29- 1 | | | Peak Date: May 16- 3 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0.14 | 0 | 0 | 0.14 | 0 | 0 | 0.29 | 0 | 0 | 0 | 0 | 0.07 |
| # Days Observed | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 6 |
| # Processed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: July 12- 1 | | | | Last Date: September 2- 1 | | | | Peak Date: All Dates- 1 | | | | |

### Warbling Vireo (*Vireo gilvus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.57 | 0.71 | 0.43 | 0.14 | 0.25 |
| # Days Observed | 0 | 0 | 0 | 3 | 4 | 2 | 1 | 10 |
| | First Date: May 14- 1 | | Last Date: June 5- 1 | | | Peak Date: 3 Dates- 2 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0 | 0.14 | 0.29 | 0 | 0 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0.09 |
| # Days Observed | 1 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| # Processed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: July 12- 1 | | | | Last Date: August 26- 2 | | | | Peak Date: August 26- 2 | | | | |

### Philadelphia Vireo (*Vireo philadelphicus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 0.43 | 0.29 | 0.29 | 0.15 |
| # Days Observed | 0 | 0 | 0 | 1 | 3 | 2 | 1 | 7 |
| | First Date: May 18- 1 | | Last Date: June 5- 2 | | | Peak Date: June 5- 2 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0.29 | 0.29 | 1.29 | 0.71 | 0.29 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0.27 |
| # Days Observed | 1 | 2 | 2 | 5 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 17 |
| # Processed | 0 | 0 | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5 |
| | First Date: July 12- 1 | | | | Last Date: August 23- 1 | | | | Peak Date: August 7- 3 | | | | |

### Red-eyed Vireo (*Vireo olivaceus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 1.86 | 4.29 | 5.86 | 1.62 |
| # Days Observed | 0 | 0 | 0 | 0 | 6 | 7 | 7 | 20 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 3 | 7-0-3 | 10-0-3 |
| | First Date: May 22- 1 | | Last Date: June 10- 5 | | | Peak Date: 4 Dates- 7 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 3.57 | 4.14 | 6.29 | 15.71 | 7.57 | 2.29 | 0.29 | 0.14 | 0 | 0 | 0 | 0 | 3.46 |
| # Days Observed | 7 | 7 | 7 | 7 | 7 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 42 |
| # Processed | 2-0-3 | 2 | 6-0-1 | 29-0-2 | 15-0-7 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 58-0-13 |
| | First Date: July 12- 5 | | | | Last Date: August 30- 1 | | | | Peak Date: August 3- 38 | | | | |

### Gray Jay (*Perisoreus canadensis*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: August 10- 2 | | | | Last Date: August 10- 2 | | | | Peak Date: August 10- 2 | | | | |

### Blue Jay (*Cyanocitta cristata*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 0.14 | 1.14 | 3.00 | 1.43 | 0.14 | 0.43 | 0.90 |
| # Days Observed | 3 | 1 | 3 | 6 | 5 | 1 | 3 | 22 |
| | First Date: April 25- 1 | | Last Date: June 10- 1 | | | Peak Date: May 14 & 16- 5 | | |

**Blue Jay (*Cyanocitta cristata*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0.14 | 0.14 | 1.43 | 2.14 | 1.29 | 2.29 | 2.29 | 1.43 | 0.86 | 0.57 | 0.25 | 1.11 |
| # Days Observed | 1 | 1 | 1 | 6 | 7 | 6 | 7 | 7 | 6 | 6 | 3 | 1 | 52 |
| | First Date: July 12- 1 | | | | Last Date: September 28- 1 | | | | Peak Date: August 26- 4 | | | | |

**Black-billed Magpie (*Pica hudsonia*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.00 | 0.29 | 0 | 0 | 0.29 | 0 | 0 | 0.27 |
| # Days Observed | 6 | 1 | 0 | 0 | 2 | 0 | 0 | 9 |
| | First Date: April 20- 1 | | Last Date: May 26- 1 | | | Peak Date: April 28- 5 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 2.43 | 0 | 9.00 | 2.29 | 4.43 | 1.43 | 0.86 | 1.86 | 1.50 | 2.00 |
| # Days Observed | 0 | 0 | 0 | 1 | 0 | 4 | 3 | 5 | 6 | 3 | 6 | 4 | 32 |
| | First Date: August 8- 17 | | | | Last Date: September 30- 1 | | | | Peak Date: August 18- 31 | | | | |

**American Crow (*Corvus brachyrhynchos*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 6.40 | 6.71 | 5.43 | 5.43 | 3.14 | 1.71 | 2.57 | 4.60 |
| # Days Observed | 10 | 7 | 7 | 7 | 7 | 7 | 7 | 52 |
| | First Date: April 20- 10 | | Last Date: June 10- 4 | | | Peak Date: 4 Dates- 10 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 3.86 | 2.14 | 2.43 | 1.86 | 11.57 | 14.57 | 17.57 | 7.57 | 3.43 | 0.86 | 0 | 0 | 5.69 |
| # Days Observed | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 3 | 0 | 0 | 64 |
| | First Date: July 12- 4 | | | | Last Date: September 18- 3 | | | | Peak Date: August 23- 52 | | | | |

**Common Raven (*Corvus* corax)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.40 | 2.71 | 1.00 | 1.43 | 1.43 | 0.29 | 0 | 1.38 |
| # Days Observed | 8 | 6 | 5 | 6 | 6 | 2 | 0 | 33 |
| | First Date: April 20- 10 | | Last Date: May 30- 1 | | | Peak Date: April 20- 10 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 4.86 | 6.71 | 3.14 | 2.43 | 6.14 | 4.29 | 3.86 | 3.14 | 5.29 | 6.29 | 7.00 | 4.36 |
| # Days Observed | 2 | 5 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 72 |
| | First Date: July 16- 1 | | | | Last Date: September 30- 2 | | | | Peak Date: September 25- 17 | | | | |

**Horned Lark (*Eremophila alpestris*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 1.14 | 0.57 | 0 | 0 | 0.23 |
| # Days Observed | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 3 |
| | First Date: May 16- 8 | | Last Date: May 24- 2 | | | Peak Date: May 16- 8 | | |

**Tree Swallow (*Tachycineta bicolor*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.40 | 75.14 | 5.29 | 0.57 | 0.86 | 1.43 | 1.86 | 11.92 |
| # Days Observed | 2 | 7 | 7 | 3 | 4 | 7 | 7 | 37 |
| | First Date: April 24- 20 | | Last Date: June 10- 1 | | | Peak Date: May 5- 469 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.57 | 0.86 | 0.14 | 3.57 | 0.43 | 0.71 | 0 | 0 | 0 | 0 | 0 | 0 | 0.54 |
| # Days Observed | 1 | 2 | 1 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | First Date: July 15- 4 | | | | Last Date: August 17- 5 | | | | Peak Date: August 8- 18 | | | | |

**Bank Swallow (*Riparia riparia*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 25.29 | 5.71 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 2.70 |
| # Days Observed | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | First Date: August 8- 177 | | | | Last Date: August 17- 2 | | | | Peak Date: August 8- 177 | | | | |

**Cliff Swallow (*Petrochelidon pyrrhonota*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 1.71 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.16 |
| # Days Observed | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | First Date: August 7- 12 | | | | Last Date: August 9- 1 | | | | Peak Date: August 7- 12 | | | | |

**Barn Swallow (*Hirundo rustica*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.14 | 0 | 0.29 | 0 | 0 | 0.06 |
| # Days Observed | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 |
| | First Date: May 8- 1 | | Last Date: May 25- 2 | | | Peak Date: May 25- 2 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0.29 | 0 | 0 | 0 | 0 | 0.29 | 0 | 0.14 | 0 | 0 | 0 | 0.06 |
| # Days Observed | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 3 |
| | First Date: July 19- 2 | | | | Last Date: September 8- 1 | | | | Peak Date: July 19 & August 23- 2 | | | | |

**Black-capped Chickadee (*Poecile atricapillus*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 3.20 | 3.14 | 3.29 | 2.43 | 2.43 | 1.00 | 1.29 | 2.44 |
| # Days Observed | 10 | 7 | 7 | 7 | 7 | 5 | 6 | 49 |
| # Processed | 0-1-0 | 1-1-0 | 1-1-1 | 0-0-2 | 0 | 0 | 0 | 2-3-3 |
| | First Date: April 20- 3 | | Last Date: June 10- 2 | | | Peak Date: April 28- 6 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 4.43 | 5.57 | 3.86 | 4.43 | 4.71 | 3.57 | 5.43 | 4.29 | 8.00 | 6.57 | 3.71 | 9.00 | 5.16 |
| # Days Observed | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 78 |
| # Processed | 1 | 2 | 0 | 3 | 0 | 0 | 1 | 3 | 6-0-2 | 5-0-3 | 0-0-1 | 7-1-3 | 28-1-9 |
| | First Date: July 12- 6 | | | | Last Date: September 30- 4 | | | | Peak Date: September 19 & 28- 16 | | | | |

**Boreal Chickadee (*Poecile hudsonicus*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: April 25- 1 | | Last Date: April 25- 1 | | | Peak Date: April 25- 1 | | |

**Red-breasted Nuthatch (*Sitta canadensis*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.10 | 0 | 0.43 | 0.14 | 0.14 | 0 | 0 | 0.12 |
| # Days Observed | 1 | 0 | 3 | 1 | 1 | 0 | 0 | 6 |
| | First Date: April 25- 1 | | Last Date: May 21- 1 | | | Peak Date: All Dates- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.00 | 0.29 | 0.29 | 0.57 | 1.43 | 0.43 | 1.00 | 0.71 | 1.43 | 0.86 | 0.86 | 0.50 | 0.70 |
| # Days Observed | 0 | 2 | 2 | 3 | 4 | 2 | 5 | 5 | 7 | 5 | 4 | 2 | 41 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 3 |
| | First Date: July 20- 1 | | | | Last Date: September 30- 1 | | | | Peak Date: August 9- 6 | | | | |

**White-breasted Nuthatch (*Sitta carolinensi*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.25 | 0.04 |
| # Days Observed | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |
| | First Date: July 12- 1 | | | | Last Date: September 29- 1 | | | | Peak Date: All Dates- 1 | | | | |

**Brown Creeper (*Certhia americana*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.14 | 0 | 0.14 | 0.14 | 0 | 0 | 0 | 0 | 0.04 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 3 |
| # Processed | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| | First Date: August 15- 1 | | | | Last Date: August 31- 1 | | | | Peak Date: All Dates- 1 | | | | |

**House Wren (*Troglodytes aedon*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | First Date: May 31- 1 | | | Last Date: May 31- 1 | | | Peak Date: May 31- 1 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| | First Date: September 2- 1 | | | | Last Date: September 2- 1 | | | | Peak Date: September 2- 1 | | | | |

**Winter Wren (*Troglodytes hiemalis*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.00 | 1.00 | 1.00 | 1.14 | 1.00 | 0.29 | 0.14 | 0.81 |
| # Days Observed | 8 | 7 | 6 | 7 | 7 | 2 | 1 | 38 |
| | First Date: April 22- 1 | | | Last Date: June 9- 1 | | | Peak Date: 4 Dates- 2 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.71 | 0.43 | 0.43 | 0.29 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.17 |
| # Days Observed | 5 | 3 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: July 12- 1 | | | | Last Date: August 21- 1 | | | | Peak Date: All Dates- 1 | | | | |

**Golden-crowned Kinglet (*Regulus satrapa*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| | First Date: May 8- 1 | | | Last Date: May 8- 1 | | | Peak Date: May 8- 1 | |

**Golden-crowned Kinglet (*Regulus satrapa*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0.29 | 0.29 | 0.43 | 0.57 | 1.00 | 0.20 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 4 | 2 | 14 |
| | First Date: August 26- 1 | | | | Last Date: September 30- 1 | | | | Peak Date: September 29- 3 | | | | |

**Ruby-crowned Kinglet (*Regulus calendula*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.80 | 1.43 | 0.86 | 0.14 | 0.14 | 0 | 0.14 | 0.71 |
| # Days Observed | 8 | 6 | 5 | 1 | 1 | 0 | 1 | 22 |
| # Processed | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 5 |
| | First Date: April 21- 3 | | | Last Date: June 4- 1 | | | Peak Date: April 24- 5 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0.14 | 0.14 | 0.14 | 0 | 0 | 0.71 | 0.86 | 1.71 | 3.86 | 1.14 | 0.75 | 0.80 |
| # Days Observed | 1 | 1 | 1 | 1 | 0 | 0 | 4 | 3 | 4 | 6 | 3 | 2 | 26 |
| # Processed | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 5 |
| | First Date: July 14- 1 | | | | Last Date: September 30- 1 | | | | Peak Date: September 14- 10 | | | | |

### Townsend's Solitaire (*Myadestes townsendi*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.04 |
| # Days Observed | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| # Processed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: April 20- 1 | | Last Date: April 21- 1 | | | Peak Date: All Dates- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | First Date: September 14- 1 | | | | Last Date: September 14- 1 | | | | Peak Date: September 14- 1 | | | | |

### Gray-cheeked Thrush (*Catharus minimus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.29 | 2.57 | 0.29 | 0 | 0 | 0.42 |
| # Days Observed | 0 | 0 | 2 | 4 | 2 | 0 | 0 | 8 |
| # Processed | 0 | 0 | 1 | 16 | 2 | 0 | 0 | 19 |
| | First Date: May 12- 1 | | Last Date: May 27- 1 | | | Peak Date: May 17- 7 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | First Date: September 7- 1 | | | | Last Date: September 7- 1 | | | | Peak Date: September 7- 1 | | | | |

### Swainson's Thrush (*Catharus ustulatus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 2.43 | 19.29 | 4.00 | 3.71 | 2.00 | 4.23 |
| # Days Observed | 0 | 0 | 5 | 4 | 7 | 7 | 7 | 30 |
| # Processed | 0 | 0 | 9 | 40 | 19 | 12 | 1 | 81 |
| | First Date: May 7- 9 | | Last Date: June 10- 1 | | | Peak Date: May 17- 71 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 2.71 | 4.57 | 4.14 | 9.43 | 9.86 | 13.86 | 11.14 | 4.43 | 6.57 | 0.14 | 0 | 0 | 5.78 |
| # Days Observed | 5 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 1 | 0 | 0 | 58 |
| # Processed | 6-0-1 | 17-0-2 | 19-0-3 | 32-0-5 | 43-0-5 | 61-0-11 | 43-0-12 | 14-0-8 | 27-0-4 | 0 | 0 | 0 | 262-0-51 |
| | First Date: July 12- 9 | | | | Last Date: September 13- 1 | | | | Peak Date: August 23- 25 | | | | |

### Hermit Thrush (*Catharus guttatus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 2.29 | 2.71 | 0.71 | 0.57 | 0 | 0.14 | 0.92 |
| # Days Observed | 2 | 4 | 5 | 3 | 4 | 0 | 1 | 19 |
| # Processed | 1 | 1 | 4 | 2 | 1-0-1 | 0 | 0 | 9-0-1 |
| | First Date: April 23- 1 | | Last Date: June 4- 1 | | | Peak Date: May 6- 10 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0 | 0.43 | 0.43 | 0.57 | 0.43 | 0.29 | 0 | 0.29 | 0.43 | 0.57 | 0.75 | 0.36 |
| # Days Observed | 1 | 0 | 3 | 2 | 3 | 3 | 2 | 0 | 1 | 2 | 2 | 2 | 21 |
| # Processed | 2 | 0 | 3 | 2 | 2-0-1 | 3 | 2 | 0 | 2 | 2 | 3 | 3 | 24-0-1 |
| | First Date: July 13- 2 | | | | Last Date: September 29- 2 | | | | Peak Date: September 24- 3 | | | | |

### American Robin (*Turdus migratorius)*

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 292.40 | 138.43 | 3.86 | 2.43 | 4.43 | 2.86 | 4.14 | 77.25 |
| # Days Observed | 10 | 6 | 7 | 7 | 7 | 7 | 7 | 51 |
| # Processed | 4 | 1 | 0 | 0 | 0-1-0 | 3 | 4-0-3 | 12-1-3 |
| | First Date: April 20- 2154 | | Last Date: June 10- 4 | | | Peak Date: April 20- 2154 | | |

**American Robin (*Turdus migratorius)***

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 4.29 | 1.71 | 3.00 | 5.57 | 1.86 | 1.29 | 1.14 | 3.71 | 1.57 | 0.14 | 6.57 | 20.75 | 3.69 |
| # Days Observed | 6 | 5 | 6 | 7 | 6 | 4 | 4 | 4 | 4 | 1 | 4 | 4 | 55 |
| # Processed | 6-0-3 | 0 | 3 | 1-0-1 | 0 | 2-0-1 | 1-1-0 | 0 | 0 | 0 | 3 | 2 | 18-1-5 |
| | First Date: July 12- 10 | | | | Last Date: September 30- 52 | | | | Peak Date: September 30- 52 | | | | |

**Gray Catbird (*Dumetella carolinensis*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | First Date: June 10- 1 | | Last Date: June 10- 1 | | | Peak Date: June 10- 1 | | |

**European Starling (*Sturnus vulgaris*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.20 | 1.71 | 1.29 | 2.14 | 2.86 | 0 | 0 | 1.50 |
| # Days Observed | 3 | 3 | 4 | 4 | 3 | 0 | 0 | 17 |
| | First Date: April 21- 8 | | Last Date: May 25- 1 | | | Peak Date: May 21- 17 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.14 | 0 | 0 | 0.19 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | First Date: September 14- 15 | | | | Last Date: September 14- 15 | | | | Peak Date: August 14- 15 | | | | |

**American Pipit (*Anthus rubescens*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 7.90 | 119.71 | 2.43 | 0.14 | 0.14 | 0 | 0 | 18.00 |
| # Days Observed | 6 | 6 | 5 | 1 | 1 | 0 | 0 | 19 |
| | First Date: April 20- 7 | | Last Date: May 23- 1 | | | Peak Date: May 2- 646 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 19.86 | 10.43 | 36.29 | 34.57 | 4.43 | 1.00 | 9.17 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 7 | 6 | 4 | 2 | 31 |
| | First Date: August 23- 1 | | | | Last Date: September 30- 3 | | | | Peak Date: September 14- 114 | | | | |

**Bohemian Waxwing (*Bombycilla garrulus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0.08 |
| # Days Observed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: April 23- 4 | | Last Date: April 23- 4 | | | Peak Date: April 23- 4 | | |

**Cedar Waxwing (*Bombycilla cedrorum*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.43 | 3.86 | 118.43 | 16.52 |
| # Days Observed | 0 | 0 | 0 | 0 | 2 | 3 | 7 | 12 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | First Date: May 22- 1 | | Last Date: June 10- 12 | | | Peak Date: June 6- 468 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 15.00 | 14.29 | 10.43 | 14.57 | 37.14 | 36.00 | 25.86 | 16.57 | 13.86 | 3.14 | 0.14 | 0 | 16.16 |
| # Days Observed | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 1 | 0 | 68 |
| # Processed | 4 | 1 | 1 | 2 | 4 | 0 | 1 | 0 | 2-0-1 | 0 | 0 | 0 | 15-0-1 |
| | First Date: July 12- 18 | | | | Last Date: September 24- 1 | | | | Peak Date: August 17- 103 | | | | |

**Lapland Longspur (*Calcarius lapponicus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.00 | 3.29 | 0.29 | 0 | 0 | 0 | 0 | 0.87 |
| # Days Observed | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 9 |
| | First Date: April 24- 1 | | Last Date: May 9- 1 | | | Peak Date: April 29- 19 | | |

**Lapland Longspur (*Calcarius lapponicus*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.29 | 2.43 | 2.00 | 5.86 | 10.00 | 2.86 | 0.25 | 2.04 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 3 | 7 | 6 | 3 | 1 | 27 |
| | First Date: August 21- 1 | | | | Last Date: September 29- 1 | | | | Peak Date: September 19- 25 | | | | |

**Ovenbird (*Seiurus aurocapilla*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.86 | 4.29 | 9.29 | 7.43 | 4.43 | 3.54 |
| # Days Observed | 0 | 0 | 3 | 7 | 7 | 7 | 7 | 31 |
| # Processed | 0 | 0 | 1 | 8-1-0 | 22-1-1 | 7-2-6 | 3 | 41-4-7 |
| | First Date: May 10- 1 | | Last Date: June 10- 4 | | | Peak Date: May 25- 16 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 3.29 | 10.57 | 9.29 | 15.43 | 16.43 | 3.57 | 3.00 | 0.14 | 0.43 | 0 | 0 | 0 | 5.37 |
| # Days Observed | 6 | 6 | 7 | 6 | 7 | 6 | 6 | 1 | 2 | 0 | 0 | 0 | 47 |
| # Processed | 10 | 50-0-12 | 42-0-9 | 73-0-4 | 79-0-1 | 15-1-1 | 17 | 1 | 2 | 0 | 0 | 0 | 289-1-27 |
| | First Date: July 12- 7 | | | | Last Date: September 8- 1 | | | | Peak Date: August 8 & 9- 46 | | | | |

**Northern Waterthrush (*Parkesia noveboracensis*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 1.00 | 2.00 | 1.14 | 0.71 | 0.57 | 0.73 |
| # Days Observed | 0 | 0 | 5 | 6 | 7 | 5 | 4 | 27 |
| # Processed | 0 | 0 | 2 | 6 | 1 | 0 | 0 | 9 |
| | First Date: May 7- 3 | | Last Date: June 9- 1 | | | Peak Date: 5 Dates- 3 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0.43 | 1.14 | 0.86 | 0.57 | 0.29 | 0.29 | 0.14 | 0 | 0 | 0 | 0 | 0.35 |
| # Days Observed | 2 | 2 | 4 | 5 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 21 |
| # Processed | 2 | 3 | 3 | 4 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 21 |
| | First Date: July 15- 1 | | | | Last Date: August 30- 1 | | | | Peak Date: July 31- 4 | | | | |

**Black-and-white Warbler (*Mniotilta varia*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 5.14 | 9.00 | 6.57 | 3.57 | 3.43 | 3.73 |
| # Days Observed | 0 | 0 | 7 | 7 | 7 | 7 | 7 | 35 |
| # Processed | 0 | 0 | 8 | 21 | 11-1-2 | 4 | 0-0-1 | 44-1-3 |
| | First Date: May 7- 2 | | Last Date: June 10- 4 | | | Peak Date: May 20- 13 | | |

**Black-and-white Warbler (*Mniotilta varia*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.14 | 5.14 | 6.43 | 14.86 | 8.71 | 1.57 | 1.29 | 0 | 0.14 | 0.29 | 0 | 0 | 3.42 |
| # Days Observed | 3 | 5 | 3 | 7 | 5 | 4 | 4 | 0 | 1 | 1 | 0 | 0 | 33 |
| # Processed | 3 | 14 | 8-0-1 | 41-0-2 | 10 | 4 | 4 | 0 | 1 | 2 | 0 | 0 | 87-0-3 |
| | First Date: July 12- 2 | | | | Last Date: September 14- 2 | | | | Peak Date: August 8- 45 | | | | |

**Tennessee Warbler (*Oreothlypis peregrine*)**

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.29 | 3.57 | 13.71 | 2.00 | 0.29 | 2.67 |
| # Days Observed | 0 | 0 | 2 | 7 | 7 | 5 | 2 | 23 |
| # Processed | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 5 |
| | First Date: May 12- 1 | | Last Date: June 10- 1 | | | Peak Date: May 25- 41 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 4.71 | 38.43 | 28.00 | 202.14 | 114.14 | 21.43 | 3.71 | 0.43 | 0 | 0 | 0 | 0 | 35.69 |
| # Days Observed | 4 | 7 | 5 | 6 | 7 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 39 |
| # Processed | 1 | 16 | 9 | 178 | 26 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 240 |
| | First Date: July 12- 5 | | | | Last Date: August 30- 3 | | | | Peak Date: August 8- 700 | | | | |

### Orange-crowned Warbler (*Oreothlypis celata*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.10 | 3.14 | 6.14 | 1.29 | 0 | 0 | 0 | 1.44 |
| # Days Observed | 1 | 4 | 4 | 5 | 0 | 0 | 0 | 14 |
| # Processed | 0 | 2 | 15 | 3 | 0 | 0 | 0 | 20 |
| | First Date: April 28- 1 | | Last Date: May 19- 1 | | | Peak Date: May 7- 33 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.29 | 0 | 0.29 | 0.57 | 1.57 | 7.29 | 10.71 | 0.57 | 0.50 | 1.86 |
| # Days Observed | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 5 | 7 | 5 | 1 | 2 | 25 |
| # Processed | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 2 | 9 | 22 | 1 | 1 | 39 |
| | First Date: August 3- 2 | | | | Last Date: September 28- 1 | | | | Peak Date: September 14- 36 | | | | |

### Nashville Warbler (*Oreothlypis ruficapilla*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | First Date: May 28- 1 | | Last Date: May 28- 1 | | | Peak Date: May 28- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: August 17- 1 | | | | Last Date: August 17- 1 | | | | Peak Date: August 17- 1 | | | | |

### Connecticut Warbler (*Oporornis agilis*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.14 | 0.14 | 0 | 0.04 |
| # Days Observed | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| # Processed | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | First Date: May 27- 1 | | Last Date: May 29- 1 | | | Peak Date: All Dates- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| # Processed | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: August 1- 1 | | | | Last Date: August 1- 1 | | | | Peak Date: August 1- 1 | | | | |

### Mourning Warbler (*Geothlypis philadelphia*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 1.00 | 1.57 | 3.29 | 0.79 |
| # Days Observed | 0 | 0 | 0 | 0 | 2 | 6 | 7 | 15 |
| # Processed | 0 | 0 | 0 | 0 | 2 | 1-1-0 | 10-0-4 | 13-1-4 |
| | First Date: May 24- 2 | | Last Date: June 10- 2 | | | Peak Date: June 6- 6 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0.57 | 2.43 | 3.43 | 2.57 | 0.71 | 0.57 | 0.14 | 0.14 | 0 | 0 | 0 | 0.94 |
| # Days Observed | 1 | 4 | 7 | 6 | 4 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 31 |
| # Processed | 0 | 2-0-1 | 11-0-1 | 17-0-1 | 9 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 47-0-3 |
| | First Date: July 12- 2 | | | | Last Date: September 10- 1 | | | | Peak Date: August 9- 11 | | | | |

### Common Yellowthroat (*Geothlypis trichas*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.43 | 1.57 | 2.14 | 2.43 | 0.88 |
| # Days Observed | 0 | 0 | 0 | 2 | 7 | 6 | 7 | 22 |
| # Processed | 0 | 0 | 0 | 2 | 2 | 4 | 5 | 13 |
| | First Date: May 18- 1 | | Last Date: June 10- 2 | | | Peak Date: June 4- 5 | | |

### Common Yellowthroat (*Geothlypis trichas*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.71 | 0.71 | 1.00 | 0.57 | 0.71 | 0.86 | 2.71 | 1.43 | 1.29 | 0.43 | 0 | 0 | 0.99 |
| # Days Observed | 6 | 3 | 5 | 3 | 4 | 3 | 6 | 5 | 5 | 2 | 0 | 0 | 42 |
| # Processed | 2 | 0 | 2 | 2 | 2 | 3 | 5 | 0 | 1 | 0 | 0 | 0 | 17 |
| | First Date: July 12- 2 | | | | Last Date: September 15- 1 | | | | Peak Date: August 25- 6 | | | | |

### American Redstart (*Setophaga ruticilla*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 2.14 | 10.57 | 8.57 | 5.86 | 3.65 |
| # Days Observed | 0 | 0 | 0 | 5 | 7 | 7 | 7 | 26 |
| # Processed | 0 | 0 | 0 | 2 | 5 | 16 | 9-1-0 | 32-1-0 |
| | First Date: May 14- 2 | | Last Date: June 10- 7 | | | Peak Date: May 25- 26 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 2.29 | 5.86 | 8.29 | 19.57 | 8.57 | 2.57 | 1.71 | 0.71 | 0.14 | 0 | 0.14 | 0 | 4.31 |
| # Days Observed | 6 | 7 | 5 | 7 | 7 | 6 | 4 | 3 | 1 | 0 | 1 | 0 | 47 |
| # Processed | 1-0-1 | 10-0-1 | 13 | 39 | 16 | 6 | 2 | 0 | 1 | 0 | 0 | 0 | 88-0-2 |
| | First Date: July 12- 2 | | | | Last Date: September 22- 1 | | | | Peak Date: August 8- 57 | | | | |

### Cape May Warbler (*Setophaga tigrina*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.43 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.05 |
| # Days Observed | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| # Processed | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | First Date: August 5- 2 | | | | Last Date: August 18- 1 | | | | Peak Date: August 5- 2 | | | | |

### Magnolia Warbler (*Setophaga magnolia*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.29 | 1.29 | 1.71 | 1.14 | 0.60 |
| # Days Observed | 0 | 0 | 0 | 2 | 5 | 6 | 7 | 20 |
| # Processed | 0 | 0 | 0 | 2 | 1 | 2 | 1 | 6 |
| | First Date: May 18- 1 | | Last Date: June 10- 1 | | | Peak Date: May 28- 6 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.43 | 0.14 | 0.86 | 1.43 | 1.43 | 0.29 | 1.00 | 0.29 | 0 | 0 | 0 | 0 | 0.51 |
| # Days Observed | 3 | 1 | 2 | 3 | 2 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 18 |
| # Processed | 0 | 0 | 1 | 5 | 3 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 14 |
| | First Date: July 12- 1 | | | | Last Date: August 31- 2 | | | | Peak Date: August 9- 6 | | | | |

### Bay-breasted Warbler (*Setophaga castanea*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0.29 | 0.43 | 1.29 | 0.14 | 0.14 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0.21 |
| # Days Observed | 0 | 2 | 2 | 4 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 11 |
| # Processed | 0 | 0 | 1 | 7 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 11 |
| | First Date: July 19- 1 | | | | Last Date: September 6- 1 | | | | Peak Date: August 7- 4 | | | | |

### Blackburnian Warbler (*Setophaga fusca*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | First Date: May 30- 1 | | Last Date: May 30- 1 | | | Peak Date: May 30- 1 | | |

### Yellow Warbler (*Setophaga petechia*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.43 | 7.14 | 10.14 | 5.14 | 3.86 | 3.60 |
| # Days Observed | 0 | 0 | 2 | 7 | 7 | 7 | 7 | 30 |
| # Processed | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 6 |
| | First Date: May 8- 1 | | Last Date: June 10- 2 | | | Peak Date: May 16- 21 | | |

**Yellow Warbler (*Setophaga petechia*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 3.86 | 9.14 | 14.86 | 24.71 | 6.29 | 3.00 | 3.71 | 1.57 | 0 | 0 | 0 | 0 | 5.80 |
| # Days Observed | 7 | 6 | 6 | 6 | 7 | 6 | 4 | 3 | 0 | 0 | 0 | 0 | 45 |
| # Processed | 0 | 9 | 16 | 31 | 9 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 72 |
| | First Date: July 12- 9 | | | | Last Date: September 1- 2 | | | | Peak Date: July 31- 73 | | | | |

**Chestnut-sided Warbler (*Setophaga pensylvanica*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: July 31- 1 | | | | Last Date: July 31- 1 | | | | Peak Date: July 31- 1 | | | | |

**Blackpoll Warbler (*Setophaga striata*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | First Date: May 18- 1 | | Last Date: May 18- 1 | | | Peak Date: May 18- 1 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.29 | 0.29 | 0.14 | 0.43 | 0 | 0.14 | 0 | 0.57 | 0 | 0 | 0.16 |
| # Days Observed | 0 | 0 | 1 | 2 | 1 | 2 | 0 | 1 | 0 | 2 | 0 | 0 | 9 |
| # Processed | 0 | 0 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 2 | 0 | 0 | 8 |
| | First Date: July 31- 2 | | | | Last Date: September 15- 1 | | | | Peak Date: September 14- 3 | | | | |

**Palm Warbler (*Setophaga palmarum*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.43 | 1.43 | 0.14 | 0 | 0 | 0.27 |
| # Days Observed | 0 | 0 | 3 | 4 | 1 | 0 | 0 | 8 |
| # Processed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | First Date: May 9- 1 | | Last Date: May 25- 1 | | | Peak Date: May 16- 4 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0.14 | 0.43 | 1.57 | 0 | 1.00 | 1.57 | 0.86 | 1.43 | 0.43 | 1.29 | 0 | 0.75 |
| # Days Observed | 0 | 1 | 2 | 3 | 0 | 3 | 5 | 3 | 4 | 2 | 2 | 0 | 25 |
| # Processed | 0 | 0 | 1 | 2 | 0 | 2 | 0 | 4 | 2 | 2 | 4 | 0 | 17 |
| | First Date: July 21- 1 | | | | Last Date: September 24- 4 | | | | Peak Date: August 2- 8 | | | | |

Note: Palm warblers were identified as Western Palm Warblers *Setophaga palmarum palmarum*

**Yellow-rumped Warbler (*Setophaga coronata*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 7.00 | 31.86 | 51.43 | 24.29 | 4.57 | 1.71 | 2.43 | 17.00 |
| # Days Observed | 10 | 7 | 7 | 7 | 7 | 6 | 7 | 51 |
| # Processed | 3 | 3-1-0 | 14-1-0 | 4-0-1 | 2-0-1 | 0-1-0 | 1-3-8 | 27-6-10 |
| | First Date: April 20- 7 | | Last Date: June 10- 2 | | | Peak Date: May 10- 111 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 6.86 | 57.43 | 61.00 | 377.43 | 385.00 | 405.57 | 541.00 | 238.14 | 523.57 | 657.86 | 61.86 | 39.75 | 288.51 |
| # Days Observed | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 76 |
| # Processed | 6 | 11 | 7 | 110 | 43 | 53 | 111 | 151 | 168 | 379 | 34 | 14 | 1087 |
| | First Date: July 12- 14 | | | | Last Date: September 30- 22 | | | | Peak Date: August 17- 2278 | | | | |

Note: all yellow-rumped warblers banded were Myrtle warblers *Setophaga coronata coronata*

**Black-throated Green Warbler (*Setophaga virens*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.43 | 0.43 | 0 | 0.14 | 0 | 0.13 |
| # Days Observed | 0 | 0 | 3 | 3 | 0 | 1 | 0 | 7 |
| | First Date: May 10- 1 | | Last Date: May 29- 1 | | | Peak Date: All Dates- 1 | | |

### Black-throated Green Warbler (*Setophaga virens*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0.14 | 0 | 0.43 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0.07 |
| # Days Observed | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| # Processed | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | First Date: July 17- 1 | | | | Last Date: August 17- 1 | | | | Peak Date: August 2- 2 | | | | |

### Canada Warbler (*Cardellina canadensis*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 3.14 | 8.00 | 7.29 | 2.50 |
| # Days Observed | 0 | 0 | 0 | 1 | 4 | 7 | 7 | 19 |
| # Processed | 0 | 0 | 0 | 0 | 6-1-0 | 16-2-0 | 4 | 26-3-0 |
| | First Date: May 19- 1 | | | Last Date: June 10- 8 | | | Peak Date: May 27- 14 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.57 | 3.29 | 4.71 | 10.71 | 6.00 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 2.21 |
| # Days Observed | 3 | 7 | 6 | 7 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| # Processed | 1 | 3-0-1 | 10 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37-0-1 |
| | First Date: July 12- 2 | | | | Last Date: August 18- 1 | | | | Peak Date: August 2- 22 | | | | |

### Wilson's Warbler (*Cardellina pusilla*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | First Date: May 15- 1 | | | Last Date: May 15- 1 | | | Peak Date: May 15- 1 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.43 | 0.29 | 0.86 | 0.43 | 0.43 | 0.29 | 0 | 0 | 0.23 |
| # Days Observed | 0 | 0 | 0 | 0 | 3 | 2 | 3 | 2 | 3 | 1 | 0 | 0 | 14 |
| # Processed | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 9 |
| | First Date: August 9- 1 | | | | Last Date: September 14- 2 | | | | Peak Date: August 26- 3 | | | | |

### American Tree Sparrow (*Spizelloides arborea*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 12.50 | 0 | 0 | 0 | 0 | 0 | 0 | 2.40 |
| # Days Observed | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| # Processed | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | First Date: April 20- 22 | | | Last Date: April 26- 1 | | | Peak Date: April 23- 59 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 0.04 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| | First Date: September 29- 2 | | | | Last Date: September 30- 1 | | | | Peak Date: September 29- 2 | | | | |

### Chipping Sparrow (*Spizella arborea*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 2.71 | 38.14 | 10.29 | 0.57 | 0.71 | 7.06 |
| # Days Observed | 0 | 0 | 5 | 7 | 6 | 4 | 5 | 27 |
| # Processed | 0 | 0 | 1 | 16 | 3-1-0 | 1 | 1 | 22-1-0 |
| | First Date: May 9- 3 | | | Last Date: June 9- 1 | | | Peak Date: May 18- 181 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.86 | 0.43 | 1.00 | 0.71 | 1.71 | 0 | 0.86 | 0.29 | 0 | 0 | 0 | 0 | 0.59 |
| # Days Observed | 4 | 2 | 1 | 4 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 17 |
| # Processed | 2 | 0 | 2 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10 |
| | First Date: July 12- 4 | | | | Last Date: September 2- 2 | | | | Peak Date: August 9- 10 | | | | |

### Clay-colored Sparrow (*Spizella pallida*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.71 | 25.71 | 11.86 | 4.43 | 5.14 | 6.44 |
| # Days Observed | 0 | 0 | 2 | 7 | 7 | 7 | 7 | 30 |
| # Processed | 0 | 0 | 2 | 18 | 10-0-1 | 3 | 2 | 35-0-1 |
| | First Date: May 12- 2 | | Last Date: June 10- 3 | | | Peak Date: May 18- 143 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 4.14 | 6.43 | 1.71 | 4.43 | 1.86 | 0.29 | 0.57 | 1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 1.81 |
| # Days Observed | 7 | 7 | 5 | 5 | 5 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 36 |
| # Processed | 1 | 4 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 10 |
| | First Date: July 12- 6 | | | | Last Date: September 3- 1 | | | | Peak Date: July 23- 15 | | | | |

### Vesper Sparrow (*Pooecetes gramineus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0.14 | 0.14 | 0 | 0 | 0 | 0 | 0.04 |
| # Days Observed | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| | First Date: May 2- 1 | | Last Date: May 7- 1 | | | Peak Date: All Dates- 1 | | |

### Lark Sparrow (*Chondestes grammacus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 0.14 | 0 | 0 | 0.04 |
| # Days Observed | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 |
| | First Date: May 14- 1 | | Last Date: May 23- 1 | | | Peak Date: All Dates- 1 | | |

### Savannah Sparrow (*Passerculus sandwichensis*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.30 | 3.71 | 0.86 | 1.57 | 0.43 | 0 | 0 | 1.13 |
| # Days Observed | 2 | 6 | 4 | 3 | 2 | 0 | 0 | 17 |
| # Processed | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 6 |
| | First Date: April 28- 4 | | Last Date: May 23- 2 | | | Peak Date: April 29- 9 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0 | 0 | 0 | 0 | 0.14 | 0.43 | 0.43 | 0.43 | 0 | 0.14 | 0 | 0.16 |
| # Days Observed | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 0 | 1 | 0 | 8 |
| # Processed | 2 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 9 |
| | First Date: July 17- 2 | | | | Last Date: September 24- 1 | | | | Peak Date: September 2- 3 | | | | |

### Fox Sparrow (*Passerella iliaca*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.70 | 0 | 0 | 0 | 0 | 0 | 0 | 0.33 |
| # Days Observed | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| # Processed | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | First Date: April 22- 1 | | Last Date: April 26- 3 | | | Peak Date: April 24- 11 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0.01 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| | First Date: September 16- 1 | | | | Last Date: September 16- 1 | | | | Peak Date: September 16- 1 | | | | |

### Song Sparrow (*Melospiza melodia*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.20 | 3.29 | 4.43 | 3.00 | 2.29 | 1.86 | 3.29 | 2.87 |
| # Days Observed | 8 | 7 | 7 | 7 | 6 | 6 | 7 | 48 |
| # Processed | 0-1-0 | 0 | 3-0-1 | 1-0-2 | 0 | 1 | 4-0-1 | 9-1-4 |
| | First Date: April 21- 1 | | Last Date: June 10- 5 | | | Peak Date: May 9- 8 | | |

**Song Sparrow (*Melospiza melodia*)**

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 4.57 | 3.00 | 0.71 | 0.86 | 1.00 | 0.14 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0.90 |
| # Days Observed | 7 | 7 | 3 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 27 |
| # Processed | 4-0-3 | 6-0-1 | 2 | 3-0-1 | 1-0-1 | 0-0-1 | 0 | 0 | 0 | 0 | 0 | 0 | 16-0-7 |
| | First Date: July 12- 10 | | | | Last Date: August 24- 1 | | | | Peak Date: July 12- 10 | | | | |

**Lincoln's Sparrow (*Melospiza lincolnii*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 1.00 | 3.71 | 5.00 | 3.71 | 2.86 | 1.86 | 2.44 |
| # Days Observed | 0 | 2 | 6 | 7 | 7 | 7 | 6 | 35 |
| # Processed | 0 | 0 | 8-0-2 | 6-1-0 | 3-0-4 | 2-0-2 | 1-0-4 | 20-1-12 |
| | First Date: May 5- 4 | | | Last Date: June 10- 3 | | | Peak Date: May 12, 16, 17- 7 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 4.43 | 6.71 | 2.57 | 2.14 | 2.57 | 1.86 | 1.00 | 0.29 | 1.29 | 0.43 | 0 | 0 | 2.01 |
| # Days Observed | 7 | 7 | 6 | 6 | 6 | 7 | 6 | 2 | 5 | 3 | 0 | 0 | 55 |
| # Processed | 7-0-4 | 17-0-5 | 4-0-2 | 4-0-3 | 8-0-2 | 6-0-2 | 1-0-2 | 1 | 2-0-1 | 1 | 0 | 0 | 51-0-21 |
| | First Date: July 12- 11 | | | | Last Date: September 18- 1 | | | | Peak Date: July 21- 12 | | | | |

**Swamp Sparrow (*Melospiza georgiana*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| # Processed | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| | First Date: May 11- 1 | | | Last Date: May 11- 1 | | | Peak Date: May 11- 1 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0.57 | 0.29 | 0.29 | 0 | 0.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 |
| # Days Observed | 1 | 2 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| # Processed | 0 | 3 | 2 | 2 | 0 | 0-0-2 | 0 | 0 | 0 | 0 | 0 | 0 | 7-0-2 |
| | First Date: July 15- 1 | | | | Last Date: August 19- 1 | | | | Peak Date: July 20- 3 | | | | |

**White-throated Sparrow (*Zonotrichia albicollis*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 1.57 | 10.86 | 18.71 | 11.43 | 9.29 | 8.00 | 8.06 |
| # Days Observed | 0 | 3 | 7 | 7 | 7 | 7 | 7 | 38 |
| # Processed | 0 | 0 | 16 | 28-1-3 | 15-1-5 | 8-2-3 | 1-0-2 | 68-4-13 |
| | First Date: May 4- 1 | | | Last Date: June 10- 6 | | | Peak Date: May 17- 43 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 9.86 | 15.86 | 8.43 | 7.71 | 6.29 | 4.29 | 5.71 | 5.86 | 6.29 | 5.57 | 0.43 | 0 | 6.59 |
| # Days Observed | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 7 | 6 | 2 | 0 | 68 |
| # Processed | 2-0-3 | 20-0-2 | 17-0-2 | 18-0-3 | 13 | 8-0-1 | 4 | 1-0-1 | 8-0-4 | 5-0-1 | 0 | 0 | 96-0-17 |
| | First Date: July 12- 14 | | | | Last Date: September 22- 1 | | | | Peak Date: July 31- 30 | | | | |

**White-crowned Sparrow (*Zonotrichia leucophrys*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.30 | 5.43 | 1.29 | 1.00 | 0 | 0 | 0 | 1.10 |
| # Days Observed | 1 | 3 | 4 | 2 | 0 | 0 | 0 | 10 |
| # Processed | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 3 |
| | First Date: April 29- 3 | | | Last Date: May 17- 1 | | | Peak Date: May 6- 35 | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0.29 | 1.00 | 1.43 | 3.29 | 0.71 | 0 | 0.58 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 6 | 5 | 3 | 0 | 19 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4-0-1 | 8 | 2 | 0 | 16-0-1 |
| | First Date: August 25- 1 | | | | Last Date: September 24- 3 | | | | Peak Date: September 16- 16 | | | | |

Note: all banded white-crowned sparrows were identified as the Gambel's subspecies *Zonotrichia leucophrys gambelii*

**Slate-coloured Junco (*Junco hyemalis*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 20.70 | 2.71 | 1.29 | 0.00 | 0.00 | 0.00 | 0.00 | 4.52 |
| # Days Observed | 10 | 7 | 3 | 0 | 0 | 0 | 0 | 20 |
| # Processed | 23-0-1 | 4 | 0 | 0 | 0 | 0 | 0 | 27-0-1 |
| | First Date: April 20- 49 | | Last Date: May 10- 1 | | | Peak Date: April 23- 79 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0.29 | 0.14 | 1.57 | 0.43 | 3.75 | 0.41 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 4 | 2 | 3 | 12 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 2 | 6 |
| | First Date: August 25- 1 | | | Last Date: September 30- 3 | | | | Peak Date: September 29- 10 | | | | | |

**Western Tanager (*Piranga ludoviciana*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 1.43 | 1.29 | 1.14 | 0.71 | 0.14 | 0.63 |
| # Days Observed | 0 | 0 | 5 | 7 | 6 | 5 | 1 | 24 |
| | First Date: May 8- 1 | | Last Date: June 6- 1 | | | Peak Date: May 12- 4 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.57 | 7.86 | 7.14 | 11.29 | 11.29 | 1.71 | 0.43 | 0.14 | 0 | 0 | 0 | 0 | 3.49 |
| # Days Observed | 3 | 6 | 6 | 7 | 7 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 37 |
| # Processed | 0 | 12 | 7 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| | First Date: July 13- 1 | | | Last Date: September 2- 1 | | | | Peak Date: August 9- 31 | | | | | |

**Rose-breasted Grosbeak (*Pheucticus ludovicianus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 3.57 | 5.14 | 1.29 | 0.86 | 1.46 |
| # Days Observed | 0 | 0 | 0 | 7 | 7 | 6 | 5 | 25 |
| # Processed | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 |
| | First Date: May 14- 3 | | Last Date: June 10- 1 | | | Peak Date: May 21- 9 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.57 | 1.43 | 0.57 | 5.14 | 2.43 | 0.29 | 0.14 | 0.14 | 0 | 0 | 0 | 0 | 0.93 |
| # Days Observed | 3 | 3 | 2 | 7 | 6 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 24 |
| # Processed | 0 | 1 | 0 | 2-0-1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5-0-1 |
| | First Date: July 12- 2 | | | Last Date: September 2- 1 | | | | Peak Date: August 8 & 9- 10 | | | | | |

**Red-winged Blackbird (*Agelaius phoeniceus*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 25.20 | 20.57 | 14.14 | 11.00 | 6.29 | 2.29 | 0.43 | 12.21 |
| # Days Observed | 8 | 5 | 7 | 7 | 7 | 6 | 2 | 42 |
| | First Date: April 20- 50 | | Last Date: June 10- 1 | | | Peak Date: April 23- 110 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 7.71 | 19.29 | 0.29 | 13.86 | 3.14 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 3.84 |
| # Days Observed | 4 | 5 | 1 | 6 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 19 |
| # Processed | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: July 12- 10 | | | Last Date: September 9- 1 | | | | Peak Date: July 20- 85 | | | | | |

Note: a large number of blackbirds are recorded as unidentified because their migration patterns make positive id difficult.

**Western Meadowlark (*Sturnella neglecta*)**

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | First Date: May 16- 1 | | Last Date: May 16- 1 | | | Peak Date: May 16- 1 | | |

### Rusty Blackbird (*Euphagus carolinus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 40.10 | 2.14 | 0 | 0 | 0 | 0 | 0 | 8.00 |
| # Days Observed | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| | First Date: April 23- 236 | | Last Date: May 6- 15 | | | Peak Date: April 23- 236 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14.14 | 0 | 0 | 1.22 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| | First Date: September 14- 24 | | | | Last Date: September 16- 15 | | | | Peak Date: September 15- 60 | | | | |

### Brewer's Blackbird (*Euphagus cyanocephalus*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.00 | 3.75 | 1.91 |
| # Days Observed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 |
| | First Date: September 23- 60 | | | | Last Date: September 30- 15 | | | | Peak Date: September 24- 80 | | | | |

### Common Grackle (*Quiscalus quiscula*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 4.90 | 4.14 | 3.71 | 1.71 | 0 | 0.14 | 0 | 2.25 |
| # Days Observed | 7 | 5 | 2 | 1 | 0 | 1 | 0 | 16 |
| | First Date: April 20- 4 | | Last Date: May 29- 1 | | | Peak Date: April 23- 21 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0 | 0.43 | 1.71 | 14.43 | 0.14 | 0.43 | 0 | 0.57 | 0 | 0 | 0 | 1.54 |
| # Days Observed | 1 | 0 | 2 | 4 | 4 | 1 | 3 | 0 | 2 | 0 | 0 | 0 | 17 |
| | First Date: July 12- 1 | | | | Last Date: September 10- 1 | | | | Peak Date: August 13- 68 | | | | |

### Brown-headed Cowbird (*Molothrus ater*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.40 | 0 | 1.57 | 2.29 | 2.14 | 0.43 | 0.14 | 0.96 |
| # Days Observed | 2 | 0 | 3 | 5 | 6 | 3 | 1 | 20 |
| | First Date: April 21- 2 | | Last Date: June 5- 1 | | | Peak Date: May 18- 8 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.14 | 0 | 0 | 0 | 0 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0.02 |
| # Days Observed | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| | First Date: July 12- 1 | | | | Last Date: August 25- 1 | | | | Peak Date: All Dates- 1 | | | | |

### Baltimore Oriole (*Icterus galbula*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0.14 | 0.29 | 0.29 | 0 | 0.10 |
| # Days Observed | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 5 |
| | First Date: May 14- 1 | | Last Date: May 31- 1 | | | Peak Date: All Dates- 1 | | |

### Purple Finch (*Haemorhous purpureus*)

| | APRIL | MAY | | | | | JUNE | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 1.60 | 0.29 | 0.57 | 0.43 | 0.57 | 0 | 0 | 0.56 |
| # Days Observed | 7 | 2 | 2 | 3 | 2 | 0 | 0 | 16 |
| | First Date: April 20- 4 | | Last Date: May 27- 3 | | | Peak Date: April 20 & 21- 4 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 1.43 | 6.71 | 2.71 | 14.14 | 7.29 | 1.57 | 0.57 | 0 | 0.57 | 0 | 0 | 0 | 3.02 |
| # Days Observed | 4 | 7 | 5 | 7 | 5 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 33 |
| # Processed | 0 | 0 | 2 | 8 | 1-0-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11-0-1 |
| | First Date: July 12- 5 | | | | Last Date: September 6- 4 | | | | Peak Date: August 8- 32 | | | | |

### White-winged Crossbill (*Loxia leucoptera*)

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.71 | 5.71 | 0.57 | 0 | 0 | 0 | 0 | 0 | 0 | 3.86 | 1.71 | 5.50 | 1.36 |
| # Days Observed | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 11 |
| | First Date: July 15- 2 | | | | Last Date: September 29- 22 | | | | Peak Date: September 19- 27 | | | | |

### Common Redpoll (*Acanthis flammea*)

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0.10 |
| # Days Observed | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | First Date: April 20- 5 | | Last Date: April 20- 5 | | | Peak Date: April 20- 5 | | |

### Pine Siskin (*Spinus pinus*)

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0.29 | 0.86 | 5.29 | 4.29 | 3.43 | 4.29 | 2.48 |
| # Days Observed | 0 | 2 | 4 | 7 | 7 | 7 | 6 | 33 |
| | First Date: May 3- 1 | | Last Date: June 10- 3 | | | Peak Date: May 14- 15 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 28.00 | 44.71 | 10.43 | 27.71 | 48.86 | 10.43 | 14.00 | 9.00 | 92.14 | 50.29 | 12.00 | 12.25 | 30.64 |
| # Days Observed | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 4 | 3 | 72 |
| # Processed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | First Date: July 12- 64 | | | | Last Date: September 30- 22 | | | | Peak Date: September 8- 514 | | | | |

### American Goldfinch (*Spinus tristis*)

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 0 | 0 | 0 | 0 | 0.86 | 2.43 | 3.00 | 0.85 |
| # Days Observed | 0 | 0 | 0 | 0 | 4 | 5 | 7 | 16 |
| | First Date: May 23- 1 | | Last Date: June 10- 6 | | | Peak Date: June 3 & 4- 7 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.29 | 0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.04 |
| # Days Observed | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | First Date: July 15- 2 | | | | Last Date: July 31- 1 | | | | Peak Date: July 15- 2 | | | | |

### Evening Grosbeak (*Coccothraustes vespertinus*)

| | APRIL | MAY | | | | JUNE | | |
|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | **Total** |
| Mean # Birds/Day | 2.20 | 1.14 | 3.00 | 2.14 | 1.00 | 0.71 | 1.14 | 1.65 |
| # Days Observed | 6 | 4 | 7 | 5 | 4 | 3 | 3 | 32 |
| # Processed | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | First Date: April 20- 3 | | Last Date: June 9- 2 | | | Peak Date: April 28- 11 | | |

| | JULY | | | AUGUST | | | | SEPTEMBER | | | | | OCTOBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | **Total** |
| Mean # Birds/Day | 0.86 | 1.00 | 0.57 | 0.57 | 1.00 | 0.43 | 0.14 | 0 | 0.43 | 1.00 | 0.14 | 0 | 0.53 |
| # Days Observed | 3 | 3 | 1 | 2 | 3 | 2 | 1 | 0 | 2 | 4 | 1 | 0 | 22 |
| | First Date: July 12- 2 | | | | Last Date: September 24- 1 | | | | Peak Date: 3 Dates- 4 | | | | |

# Appendix II. Annual Banding Totals

| Species | 2015 Spring Migration | 2015 MAPS | 2015 Fall Migration | 2015 Projects | 2015 Total | | Grand Total 1993- 2015 |
|---|---|---|---|---|---|---|---|
| "Audubon's" Warbler | | | | | | | 2 |
| Alder Flycatcher | 21 | 2 | 51 | | 74 | | 1942 |
| American Goldfinch | | | | | | | 1 |
| American Kestrel | | | | | | | 2 |
| American Magpie | | | | | | | 2 |
| American Pipit | | | | | | | 18 |
| American Redstart | 32 | 19 | 88 | | 139 | | 7103 |
| American Robin | 12 | 8 | 18 | | 38 | | 422 |
| American Tree Sparrow | 9 | | 2 | | 11 | | 583 |
| Baltimore Oriole | | | | | | | 5 |
| Bay-breasted Warbler | | 2 | 11 | | 13 | | 130 |
| Barred Owl | | | | | | | 4 |
| Belted Kingfisher | | | | | | | 1 |
| Black-and-White Warbler | 44 | 10 | 87 | | 141 | | 1988 |
| Blackburnian Warbler | | | | | | | 2 |
| Black-capped Chickadee | 2 | 14 | 28 | | 44 | | 1027 |
| Blackpoll Warbler | 1 | | 8 | | 9 | | 341 |
| Black-throated Green Warbler | | | 3 | | 3 | | 124 |
| Blue Jay | | | | | | | 60 |
| Blue-headed Vireo | | | 1 | | 1 | | 79 |
| Boreal Chickadee | | | | | | | 26 |
| Boreal Owl | | | | | | | 2 |
| Brown Creeper | | | 2 | | 2 | | 60 |
| Brown-headed Cowbird | | | | | | | 6 |
| Canada Warbler | 26 | 22 | 37 | | 85 | | 2877 |
| Cape May Warbler | | | 3 | | 3 | | 149 |
| Cedar Waxwing | 1 | 2 | 15 | | 18 | | 178 |
| Chestnut-sided Warbler | | | | | | | 22 |
| Chipping Sparrow | 22 | 5 | 10 | | 37 | | 1997 |
| Clay-colored Sparrow | 35 | | 10 | | 45 | | 958 |
| Common Grackle | | | | | | | 6 |
| Common Yellowthroat | 13 | 2 | 17 | | 32 | | 676 |
| Connecticut Warbler | 1 | | 1 | | 2 | | 26 |
| Cooper's Hawk | | | | | | | 3 |
| Downy Woodpecker | 2 | | 6 | | 8 | | 76 |
| Eastern Kingbird | | | | | | | 1 |
| Eastern Phoebe | 7 | | 10 | | 17 | | 156 |
| Evening Grosbeak | 1 | | | | 1 | | 2 |
| Fox Sparrow | 3 | | 1 | | 4 | | 82 |
| Golden-crowned Kinglet | | | | | | | 78 |

| Species | 2015 Spring Migration | 2015 MAPS | 2015 Fall Migration | 2015 Projects | 2015 Total | | Grand Total 1993- 2015 |
|---|---|---|---|---|---|---|---|
| Gray Catbird | | | | | | | 6 |
| Gray Jay | | | | | | | 3 |
| Gray-cheeked Thrush | 19 | | 1 | | 20 | | 197 |
| Hairy Woodpecker | | 2 | 12 | | 14 | | 57 |
| Harris's Sparrow | | | | | | | 6 |
| Hermit Thrush | 9 | 6 | 24 | | 39 | | 585 |
| Hoary Redpoll | | | | | | | 1 |
| House Wren | 1 | | 1 | | 2 | | 32 |
| Lapland Longspur | | | | | | | 5 |
| Lazuli Bunting | | | | | | | 1 |
| Le Conte's Sparrow | | | | | | | 7 |
| Least Flycatcher | 13 | 1 | 39 | | 53 | | 2156 |
| Lincoln's Sparrow | 20 | 36 | 51 | | 107 | | 940 |
| Long-eared Owl | | | | | | | 1 |
| MacGillivray's Warbler | | | | | | | 2 |
| Magnolia Warbler | 6 | 2 | 14 | | 22 | | 948 |
| Marsh Wren | | | | | | | 3 |
| Mourning Warbler | 13 | 29 | 47 | | 89 | | 1152 |
| Nashville Warbler | 1 | | 1 | | 2 | | 6 |
| Northern Flicker | 1 | | 6 | | 7 | | 39 |
| Northern Goshawk | | | | | | | 1 |
| Northern Mockingbird | | | | | | | 1 |
| Northern Pygmy-Owl | | | | | | | 2 |
| Northern Saw-whet Owl | | | | 135 | 135 | | 1233 |
| Northern Shrike | | | | | | | 2 |
| Northern Waterthrush | 9 | | 21 | | 30 | | 749 |
| Orange-crowned Warbler | 20 | | 39 | | 59 | | 1249 |
| “Oregon” Junco | | | | | | | 14 |
| Olive-sided Flycatcher | | | | | | | 2 |
| Ovenbird | 41 | 40 | 289 | | 370 | | 4137 |
| Western Palm Warbler | 1 | | 17 | | 18 | | 266 |
| Philadelphia Vireo | | | 5 | | 5 | | 180 |
| Pileated Woodpecker | | | 4 | | 4 | | 8 |
| Pine Siskin | | | 1 | | 1 | | 165 |
| Purple Finch | | | 11 | | 11 | | 94 |
| Red-breasted Nuthatch | | | 3 | | 3 | | 126 |
| Red-eyed Vireo | 10 | 1 | 58 | | 69 | | 779 |
| Red-winged Blackbird | | | 1 | | 1 | | 7 |
| Rose-breasted Grosbeak | 2 | 1 | 5 | | 8 | | 324 |
| Ruby-crowned Kinglet | 5 | | 5 | | 10 | | 387 |
| Savannah Sparrow | 6 | | 9 | | 15 | | 200 |
| Sharp-shinned Hawk | 6 | 1 | 39 | | 46 | | 580 |
| “Slate-colored” Junco | 27 | | 6 | | 33 | | 1688 |
| Song Sparrow | 9 | 1 | 16 | | 26 | | 327 |
| Swainson's Thrush | 81 | 23 | 262 | | 366 | | 5679 |

| Species | 2015 Spring Migration | 2015 MAPS | 2015 Fall Migration | 2015 Projects | 2015 Total | | Grand Total 1993- 2015 |
|---|---|---|---|---|---|---|---|
| Swamp Sparrow | 1 | 11 | 7 | | 19 | | 206 |
| Tennessee Warbler | 5 | 27 | 240 | | 272 | | 5459 |
| Three-toed Woodpecker | | | | | | | 1 |
| Townsend's Solitaire | 1 | | 1 | | 2 | | 3 |
| Varied Thrush | | | | | | | 6 |
| Veery | | | | | | | 8 |
| Vesper Sparrow | | | | | | | 3 |
| Warbling Vireo | | | 1 | | 1 | | 65 |
| Western Tanager | | 1 | 26 | | 27 | | 203 |
| Western Wood-Pewee | 1 | | | | 1 | | 23 |
| White-breasted Nuthatch | | | | | | | 11 |
| "Gambel's" White-crowned Sparrow | 3 | | 16 | | 19 | | 470 |
| White-throated Sparrow | 68 | 94 | 96 | | 258 | | 2967 |
| White-winged Crossbill | | | | | | | 1 |
| Wilson's Warbler | | | 9 | | 9 | | 518 |
| Winter Wren | | 2 | 1 | | 3 | | 54 |
| Yellow Warbler | 6 | 5 | 72 | | 83 | | 3508 |
| Yellow-bellied Flycatcher | 2 | | | | 2 | | 76 |
| Yellow-bellied Sapsucker | 7 | 8 | 3 | | 18 | | 200 |
| Yellow-rumped Warbler | 27 | 18 | 1087 | | 1132 | | 11324 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| **Total number of birds banded** | **653** | **395** | **2955** | **135** | **4138** | | **70671** |
| **Total number of species banded** | **48** | **30** | **61** | **1** | **65** | | **105** |