

Winter Raptor Survey Report

Blue Hill Wind Project

Town of Eaton

Madison County, New York

Prepared for:



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ACRONYMS AND ABBREVIATIONS

EDR	Environmental Design & Research, D.P.C.
IPaC	Information for Planning and Consultation
NYNHP	New York Natural Heritage Program
NYSDEC	New York State Department of Environmental Conservation
ORES	Office of Renewable Energy Siting
SSC	Species of Special Concern
SGCN	Species of Greatest Conservation Need
WRS	Winter Raptor Survey

1.0 INTRODUCTION

Liberty Renewables Inc. (the Applicant) is planning to develop the Blue Hill Wind Project, a proposed wind energy generation facility (the Facility) of up to 27 megawatts located in the Town of Eaton, Madison County New York (see **Figure 1**). The Facility will consist of consist of wind turbines, a point of interconnection (POI) substation, access roads, and collection lines. Environmental Design & Research, D.P.C. (EDR) prepared this Winter Raptor Survey Report in support of an Application for a siting permit under New York's Accelerated Renewable Energy Growth and Community Benefit Act, Executive Law § 94-c (Section 94-c) regulations.¹ The information included in this report is intended to guide proposed field surveys and provide data that will ultimately assist the New York State Office of Renewable Energy Siting (ORES) and the New York State Department of Environmental Conservation (NYSDEC) in their determination of whether or not occupied habitat for one or more state-listed threatened or endangered wildlife species exists within the area under consideration to host the Facility in accordance with the requirements of Section 94-c.

1.1 Purpose of the Investigation

The purpose of this survey was to document the presence and use patterns of raptor species within the Winter Raptor Survey (WRS) Study Area during the winter season and to identify specific habitat areas used by state-listed raptor species, including roost sites and foraging areas. The WRS Study Area consists of an approximately 700-acre area (see **Figure 2**) that includes all parcels, or portions of parcels that are currently under consideration by the Applicant for the siting of Facility components with an aboveground footprint (e.g., wind turbines, substations, access roads, inverters, and other similar components). Facility components will ultimately be constructed within more limited areas within these parcels (i.e., the entire WRS Study Area will not be developed). It is anticipated that Facility components will largely be sited in unforested areas (e.g., active agricultural fields) to reduce the need for vegetation removal within natural communities.

The winter raptor survey was conducted by qualified biologists following the methodology established in the August 2021 *NYSDEC Survey Protocol for State-listed Wintering Grassland Raptor Species* (NYSDEC Survey Protocol; see EDR, 2022) and in consideration of recommendations provided by ORES and NYSDEC staff following submittal of a Winter Raptor Survey Work Plan (see EDR, 2022). Specifically, EDR conducted additional field analysis in November 2021 and updated the estimated areas of ground visibility for the evening survey stations. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]

[REDACTED] >END CONFIDENTIAL INFORMATION

1.2 Target Species and Habitat Requirements

BEGIN CONFIDENTIAL INFORMATION < [REDACTED]

¹ Chapter XVIII, Title 19 of the New York Codes, Rules and Regulations (NYCRR) Part 900. Available at: <https://ores.ny.gov/regulations>

[REDACTED]

[REDACTED]

[REDACTED] > END CONFIDENTIAL INFORMATION

2.0 BACKGROUND INFORMATION

2.1 Existing Conditions

The Applicant has gathered a substantial amount of information on the existing ecological conditions within the WRS Study Area. These investigations have included developing a Wildlife Site Characterization for the Facility, plus additional desktop analyses and on-site field assessments (e.g., spring raptor migration surveys,

² The public comment period for the NYSDEC's 6 NYCRR Part 182.5 Pre-proposal closed in January 2020. While the NYSDEC has not provided a specific date when the proposed list changes would become effective, this may occur prior to Facility construction.

breeding bird surveys, and fall raptor migration surveys). Based on these assessments, the lands currently under consideration for the Facility are primarily composed of deciduous forestland and agricultural land that is actively managed to produce row and field crops (primarily corn and alfalfa).

2.2 Agency Database Review and Consultation

EDR consulted with federal and state agencies regarding the potential presence of listed threatened or endangered species within the vicinity of the Facility. This included database review via the U.S. Fish and Wildlife Service online Information for Planning and Consultation (IPaC) system, correspondence with the New York Natural Heritage Program (NYNHP), and a pre-application consultation meeting with ORES and the NYSDEC. A review of the IPaC system was performed for the Facility on March 4, 2021. The official species list identified no records of threatened or endangered species that may occur within the boundaries of the WRS Study Area and/or may be potentially affected by the proposed Facility (see EDR, 2022). EDR submitted a site-specific request for documented occurrences in the vicinity of the Facility to the NYNHP on February 2, 2021, and received a response on March 17, 2021. The response letter indicated that the NYNHP database contains “no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity” (see EDR, 2022).

In a pre-application consultation letter provided in June 2021, ORES staff confirmed the absence of known occupied habitat of grassland bird species within the area currently under consideration for the Facility (see EDR, 2022). However, ORES and the NYSDEC recommended conducting winter raptor surveys, with a focus on open fields greater than 25 acres in size. These open areas may represent suitable habitat for grassland bird species (state-listed and others). Consultation with the appropriate agencies will be ongoing throughout the Facility design and development process to ensure that the most current information on state-listed species is being considered.

3.0 WINTER RAPTOR SURVEYS

3.1 Survey Schedule

For the purposes of state-listed grassland raptor monitoring, the NYSDEC Survey Protocol defines the winter season as November 15 to March 31. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

[REDACTED] **>END CONFIDENTIAL INFORMATION** Additionally, if these two target species are documented during the last two weeks of March, then April surveys are also required (and observations of target species in April trigger additional agency consultation). Accordingly, winter raptor surveys at the WRS Study Area were conducted beginning the week of November 15, 2021. Each evening survey station and daytime survey stop were surveyed approximately once every week throughout the winter season. **BEGIN CONFIDENTIAL INFORMATION** [REDACTED]
[REDACTED] **>END CONFIDENTIAL INFORMATION**

EDR biologists visited the WRS Study Area between three and four days per week to conduct surveys. For the stationary evening surveys, one location was surveyed by one biologist on a given evening, and surveys were typically conducted on consecutive nights during each survey week. For daytime driving route surveys, biologists visited each daytime survey stop in the morning or afternoon once during each survey week. To the maximum extent practicable, given weather conditions, surveys were conducted each week so that each station and daytime survey stop was surveyed approximately weekly throughout winter season. Consequently, in accordance with the NYSDEC Survey Protocol, a total of at least 18 surveys were completed at each evening survey location by the end of March.

3.2 Survey Methodology and Locations

The primary survey method consisted of regimented visual scans and observations from multiple stations in the late afternoon and evening. Stations were situated within or adjacent to open habitats, and at vantage points with clear visibility in all directions (or most directions if stations are located at the edge of the target habitat). EDR biologists used a geographic information system (GIS) to conduct a review of open fields greater than or equal to 25 acres in size within the WRS Study Area, and to identify the number and general location of stations required to adequately survey the open fields within the WRS Study Area. Prior to finalizing station locations, EDR biologists also conducted a reconnaissance-level site visit to document actual viewing conditions, and revised station locations as necessary to provide optimal views of the surrounding open field(s).

A total of four evening survey stations were selected for this winter raptor survey (see **Figure 3**). These stations were selected to provide coverage of potentially suitable open habitats within the WRS Study Area (and in some cases, adjacent lands). As shown in **Figure 3**, the survey stations were spaced approximately 1,000 meters or less from one another to provide maximum coverage of potentially suitable open habitats within the WRS Study Area, given access constraints. In some areas, the presence of unharvested corn, leaf-on conditions, and/or lack of parcel access permission initially limited EDR's ability to estimate the area of ground visibility. Therefore, the exact locations of stations were further refined prior to the start of the survey period to improve coverage of open habitats. The estimated areas were further refined during surveys to account for winter conditions, and the field-verified viewsheds from the evening survey stations are presented in **Figure 4**.

BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED]
[REDACTED] >END CONFIDENTIAL INFORMATION Therefore, each stationary evening survey had a minimum duration of 1.5 hours (90 minutes). Sunset times for the 2021 to 2022 season were obtained for the WRS Study Area and used to guide the start and end times for each stationary evening survey.

In addition, biologists performed daytime driving surveys by traveling along roads within and/or adjacent to the WRS Study Area and observing open habitats from the roadways at designated stops for 5 to 10 minutes at each location. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED] >END CONFIDENTIAL INFORMATION A total of

seven daytime survey stops were surveyed (see **Figure 3**). All raptors or state-listed species observed at each stop were recorded, as well as observations made during travel between daytime survey stops.

Whenever possible, winter raptor surveys were not conducted during inclement weather that prevented: (1) the use of the area by the two target species; (2) visibility of the survey areas; and/or (3) the accurate identification of raptor species. Inclement weather conditions included significant and sustained precipitation, fog, and/or moderate to strong winds (i.e., sustained wind speeds greater than 12 miles per hour). Weather forecasts were reviewed prior to the start of each survey week to identify the most suitable days to conduct surveys. If inclement weather prevented surveys from being conducted as planned, surveys were re-scheduled for another day and completed as soon as possible (within the same week or the following week, if possible).

For all surveys, qualified, trained biologists visually scanned the surrounding habitat throughout the entirety of each survey period. Binoculars with 8x or 10x magnification and/or spotting scopes were used during visual scans to aid in the observation and identification of birds. As applicable, the following behaviors were noted for the target species and any other state-listed species observed: (1) foraging; (2) perching; (3) fly-through (or general “flying”); (4) interacting with other individuals; (5) roosting; (6) vocalizing; and (7) any probable or confirmed breeding behaviors. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

>**END**

CONFIDENTIAL INFORMATION All raptor species (defined as owls, hawks, falcons, eagles, and osprey) observed during survey periods were documented. Other incidental species that were heard and/or seen during survey periods were also recorded, including any other state-listed endangered or threatened species, species of special concern (SSC), species of greatest conservation need (SGCN), shrikes (*Lanius* spp.), or arctic-breeding songbird species such as snow bunting (*Plectrophenax nivalis*), Lapland longspur (*Calcarius lapponicus*), and American pipit (*Anthus rubescens*) (NYSDEC, 2015a; NYDEC, 2015b). Incidental observations of state-listed species made outside of the survey period or in areas not targeted for the survey were also recorded.

Data were recorded at each evening survey station and driving survey stop using an electronic data entry platform, as well as a mobile GIS application. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

>**END CONFIDENTIAL INFORMATION** In addition to these detailed spatial data,

biologists also completed survey data sheets to document the following information:

- Survey date.
- Observer name(s) or initials.
- Survey type (evening stationary or daytime driving), station/stop identification number and/or code.
- Start time, sunset time, end time, and survey duration (once completed).
- Pertinent weather conditions including air temperature, wind speed and direction, cloud cover, snow depth (if any), presence of snow crust (if any), and visibility.
- Open habitat types surrounding survey locations.

- Percent cover of grasses, forbs, shrubs, trees, and remnant vegetation, as applicable.
- Mean vegetation height and dominant vegetation.
- Representative photographs.
- Other avian species observed (including non-raptor species of interest and incidental species; note that detailed information for all raptors and state-listed species were recorded using a mobile GIS application).
- A description of any disruptions and/or distractions that occurred during the survey that may have affected the survey or avian behavior.

3.3 Data Analysis

Several metrics were calculated for each raptor species observed during the winter raptor surveys, including abundance, frequency, and spatial use. Abundance, which consists of the total number of observations, including observations of raptors in flight or perched at any distance relative to the survey location, was identified for each species. Observations were considered equivalent to individuals for the purpose of the analysis, as it is not always possible to discern among individuals of the same species during surveys (i.e., the same individuals may or may not be present at the same locations from week to week). Frequency was calculated for each species by dividing the number of surveys during which observations were recorded by the total number of surveys completed. Data analysis also included a review of the spatial use across the Study Area through comparison of variability in total species richness and mean species richness per survey station/stop. Total species richness was determined by calculating the total number of species recorded over the course of the breeding season for each survey location. Mean species richness was determined by calculating the mean number of species per survey recorded for each survey location.

3.4 Survey Results

A total of 75 evening stationary surveys were completed at four different locations (totaling more than 112.5 survey-hours). Daytime driving route surveys were conducted on 17 different days from December 9, 2022 to March 28, 2022, with a total of 118 5-minute surveys completed. The total effort for the winter raptor study included 7,340 survey-minutes (more than 122 survey-hours). Field data sheets for all evening stationary surveys and daytime driving route surveys are provided in **Appendix A** and **Appendix B**, respectively. **Table 1** indicates when surveys were completed throughout the survey period, along with survey effort (i.e., number of hours).

Table 1. Completed Survey Summary

Survey Location	Monthly Survey Effort ¹												Total Survey Effort by Location	
	November		December		January		February		March		April			
	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours
Evening Survey Station 1	1	1.5	6	9	5	7.5	4	6	3	4.5	0	0	19	28.5
Evening Survey Station 2	1	1.5	5	7.5	5	7.5	3	4.5	4	6	0	0	18	27
Evening Survey Station 3	0	0	7	10.5	4	6	4	6	4	6	0	0	19	28.5
Evening Survey Station 4	0	0	6	9	5	7.5	4	6	4	6	0	0	19	28.5
Total Evening Survey Effort by Month	2	3	24	36	19	28.5	15	22.5	15	22.5	0	0	Season Totals	
													75	112.5
Daytime Driving Routes ²	0	0	4	2.3	4	2.3	4	2.3	5	2.9	0	0	17	9.8

¹ The number of surveys and total survey effort (hours) completed during each month.

² Daytime driving route surveys consisted of five-minute point count surveys conducted at seven different stop locations.

Table 2. Summary of State-listed Raptor Observations

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Common Name	Scientific Name	Conservation Status ¹	Date	Time	Nearest Survey Location	Number of Individuals	Observed Behavior(s)	Probable or Confirmed Breeding Behavior(s) ²

¹ Highest conservation status based on the List of Endangered, Threatened and Special Concern Fish & Wildlife Species of New York State (NYSDEC, 2015a).

² Following New York Breeding Bird Atlas III breeding codes and definitions (eBird, 2020).

³ [REDACTED]

>END CONFIDENTIAL INFORMATION

3.4.2 Other Raptors and Summary Metrics

The remaining raptor observations included red-tailed hawk (*Buteo jamaicensis*; 29 observations), turkey vulture (*Cathartes aura*; one observation), great horned owl (*Bubo virginianus*; four observations), unidentified buteo (two observations), and unknown raptors (five observations). Red-tailed hawks were observed at evening survey stations 2 and 3, and at five of the seven daytime driving stops. A total of three observations were made during evening stationary surveys, and a total of 26 observations were recorded during daytime driving route surveys. The single turkey vulture observation was recorded as a fly-through at daytime driving stop A. Great horned owls were recorded vocalizing from forest edges at evening survey stations 1, 2, and 4. The unidentified buteos were observed at evening stationary surveys 2 and 3, flying through. Unknown raptors were observed at evening survey stations 3 and 4 perching and flying through, and at daytime driving stop C flying through (one observation).

Red-tailed hawk was the most abundant raptor species recorded over the survey season, with 29 total observations, representing 62% of all raptor observations. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED] > **END CONFIDENTIAL INFORMATION**

A summary of all raptors observed within the WRS Study Area during the winter survey season is provided below in **Table 3**. All winter raptor survey observations are listed in **Appendix C**.

Table 3. Summary of Raptors Observed During the Winter Raptor Survey

Common Name	Scientific Name	Date(s) Observed	Total Observations ¹	Frequency ²
Unknown Raptor	n/a	12/20/21, 1/4/22 1/6/22, 3/28/22	5	5.3%
[REDACTED]				
[REDACTED]				
[REDACTED]				
Buteos				
Red-tailed Hawk	<i>Buteo jamaicensis</i>	11/30/21, 12/17/21, 12/21/21, 1/4/22, 1/13/22, 1/20/22, 1/24/22, 2/1/22, 2/8/22, 2/23/22, 3/8/22, 3/14/22, 3/21/22	29	4%
Unidentified Buteo	<i>Buteo</i> sp.	12/14/21, 1/19/22	2	2.7%
Owls				
Great Horned Owl	<i>Bubo virginianus</i>	12/9/21, 12/14/21	4	5.3%
[REDACTED]				

Common Name	Scientific Name	Date(s) Observed	Total Observations ¹	Frequency ²
Vultures				
Turkey Vulture	<i>Cathartes aura</i>	3/8/22	1	0%
Total			47	

¹ Includes all observations made during evening surveys, daytime driving surveys, and incidentally while on-site during the survey period.

² The percentage of evening surveys during which the species was recorded.

Overall, evening survey station 3 had the highest raptor abundance, with eight raptor observations recorded throughout survey season, while stations 1 and 4 had the lowest raptor abundance, with two raptor observations recorded at each location throughout the season.

Evening survey station 3 had the highest total raptor species richness, with three raptor species detected during the survey season, while station 4 had the lowest total raptor species richness, with one raptor species observed during the survey season.

Evening survey station 3 had the highest mean raptor species richness at 0.2 species per survey. Evening survey stations 1, 2, and 4 each had a mean raptor species richness of 0.1 raptor species per survey. A summary of raptor metrics for each evening survey station is provided in **Table 4**.

Table 4. Summary of Raptor Metrics for Evening Survey Stations

Evening Survey Station	Primary Open Habitat Type(s)	Number of Evening Surveys	Abundance ¹	Total Species Richness ²	Mean Species Richness ³
1	Row Cropland (Harvested)	19	3	2	0.1
2	Row Cropland (Harvested)	18	4	2	0.1
3	Row Cropland (Harvested)	19	8	3	0.2
4	Row Cropland (Harvested)	19	3	1	0.1

¹ The total number of raptors observed from the evening survey station throughout the survey period.

² The total number of raptor species observed from the evening survey station throughout the survey period.

³ The mean number of raptor species observed during surveys conducted at the evening survey station.

3.4.3 Incidental Observations of Non-Raptor Species

In addition to the raptor observations described in Sections 3.4.1 and 3.4.2, incidental observations of non-raptor species were also recorded. Refer to **Appendices A and B**, which consist of the survey data sheets with incidental observations of non-raptor species recorded for each survey. Species abbreviations are based on standardized four-letter American Ornithologists' Union (AOU) alpha codes as listed by the Institute for Bird Populations (Pyle & DeSante, 2021). Locations of observations and flight paths for state-listed non-raptor species are also illustrated in **Figure 6**.

Most of the incidental observations were of relatively common waterfowl, game birds, woodpeckers, and passerines. However, non-raptor species of interest were observed, including non-raptor state-listed SSC. Given that these species are not currently listed as endangered or threatened in New York, they are not subject to the same regulatory requirements under Section 94-c or 6 NYCRR Part 182; however, the NYSDEC Survey Protocol recommends recording and reporting observations of these species. A brief summary of the observations for each of these non-raptor species of interest is presented as follows:

- **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED] > **END CONFIDENTIAL INFORMATION**
- Snow bunting, an arctic-breeding songbird species, was observed several times throughout the survey period at survey stations 1, 2, and 4 (although particularly at station 1).
- American black duck (*Anas rubripes*), a state-listed SGCN, was observed once on January 20, 2022 at survey station 3.

4.0 SUMMARY AND CONCLUSIONS

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Surveys took place at a total of four evening stationary survey points and seven daytime driving route survey points, totaling 7,340 survey-minutes (more than 122 survey-hours). Each evening survey station was surveyed 18 or 19 times during the winter season.

Over the course of the winter season, a total of 47 raptors were observed, representing seven different species and additional raptors that could not be identified to the species level. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED] > **END CONFIDENTIAL INFORMATION**

The remaining raptor observations were primarily red-tailed hawks, but also included one sighting of a turkey vulture and four observations of great horned owls. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED] > **END CONFIDENTIAL INFORMATION**

[REDACTED]

[REDACTED]

[REDACTED] >END

CONFIDENTIAL INFORMATION The studies conducted for the Facility to date to document on-site use by state-listed wintering grassland raptors have been effective to characterize potential impacts to the species, and additional study work is not recommended.

5.0 REFERENCES

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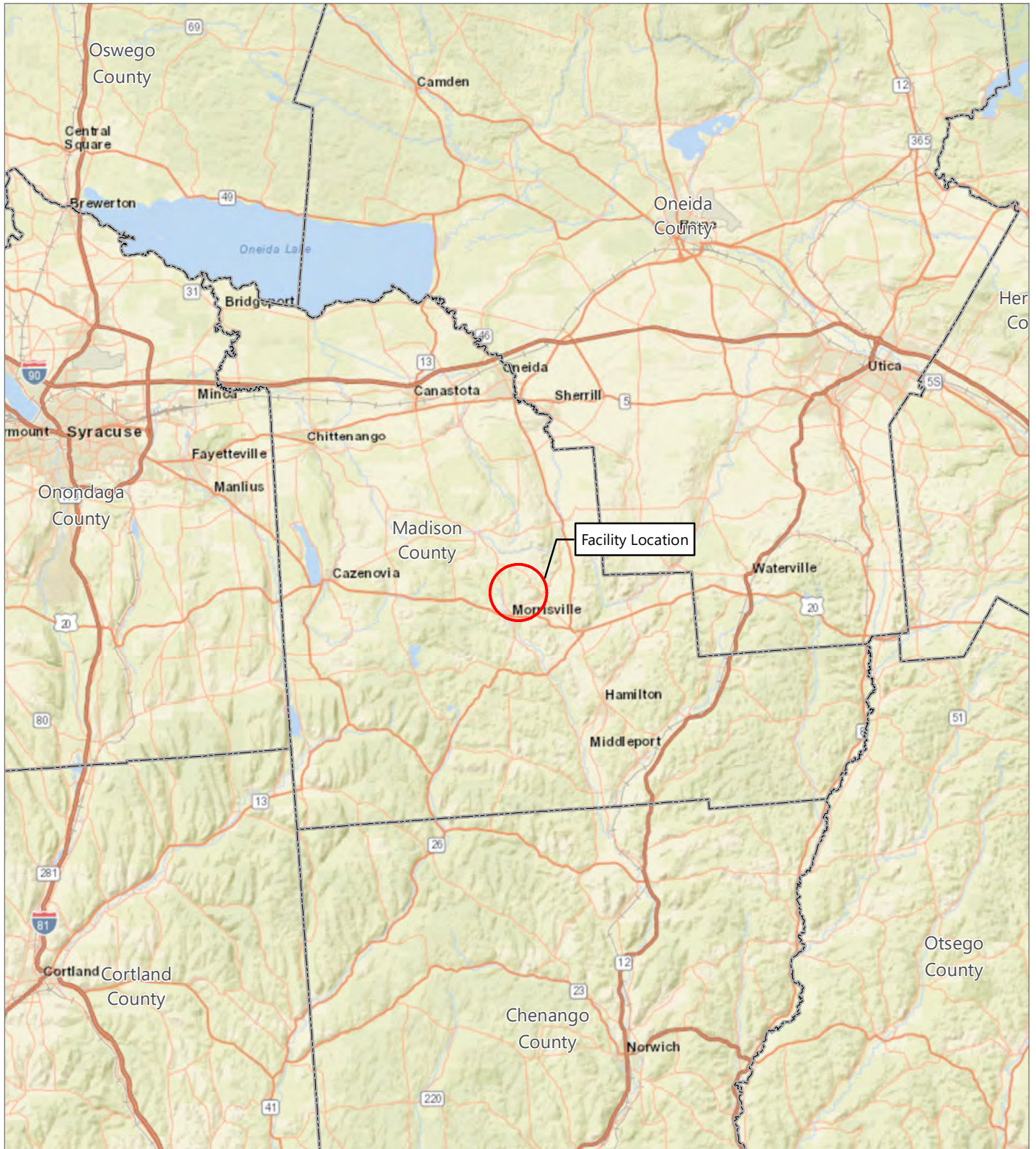
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FIGURES

Figure 1. Regional Facility Location



Blue Hill Wind Project

Town of Eaton
Madison County, New York

Winter Raptor Survey Report



This figure has been redacted from this publicly available document because it contains protected/confidential information regarding the proposed facility location and/or the detailed locations of NYS threatened or endangered species.

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APPENDIX A

Evening Survey Data Sheets



Field Data Sheet

Winter Raptor Survey - Evening Stationary

Submitted By: npusateri@edrdpc.com
Submitted Time: November 23, 2021 6:11 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: November 23, 2021
Surveyor Name: Nick Pusateri
Survey Location Name: 1
Survey Start Time: 15:33
Sunset Time: 16:33
Survey End Time: 17:03

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
Third Open Field Cover Type (First field):

Representative Photos (First field):



Winter Raptor Survey Data Sheet - Evening Stationary

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Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No

Winter Raptor Survey Data Sheet - Evening Stationary

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Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28
Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Winter Raptor Survey Data Sheet - Evening Stationary

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Winter Raptor Survey Data Sheet - Evening Stationary

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This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 4
Snow Crust Present? No
Weather Notes: Very light snow

Weather Conditions at End of Survey

Temperature (F): 33
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)



Field Data Sheet

Est. mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes: Still light precipitation with more limited distant visibility due to the snow/mist

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 WITU, PIWO, CANG, AMCR, NOFL, MODO

Surveyor Initials:
 NP

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: December 2, 2021 9:28 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 2, 2021
Surveyor Name: Anna Butler
Survey Location Name: 4
Survey Start Time: 15:29
Sunset Time: 16:29
Survey End Time: 16:59

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
 No



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 45

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Rain (Intermittent/Light)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Mostly clear at start and end of survey, but rain intermittently throughout survey duration, with some heavy bursts. Wind picked up at the end, with fast intermittent gusts

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, MALL

Surveyor initials:
AB



Field Data Sheet

Overall Survey Notes (if needed):

There were some clear moments, but overall the rain was not especially conducive to raptor flight



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mcain@edrdpc.com

Submitted Time: December 3, 2021 5:59 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 3, 2021

Surveyor Name: Martin Cain

Survey Location Name: 3

Survey Start Time: 15:16

Sunset Time: 16:29

Survey End Time: 16:59

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Field Cropland (including hay, wheat, oats, etc.)

Secondary Open Field Cover Type (First field):

Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?

Yes

Primary Open Field Cover Type (Second field):

Row Cropland (Harvested)

Secondary Open Field Cover Type (Second field):



Field Data Sheet

Field Cropland (including hay, wheat, oats, etc.)

Third Open Field Cover Type (Second field):

Representative Photos (Second field):



Field Data Sheet

Notes (Second field):

Do you need to report observations of a third open field?

Yes

Primary Open Field Cover Type (Third field):

Pastureland

Secondary Open Field Cover Type (Third field):

Third Open Field Cover Type (Third field):



Field Data Sheet

Representative Photos (Third field):



Notes (Third field):

Do you need to report observations of a fourth open field?



Field Data Sheet

No



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: There are small patches of snow in shaded areas, all patches have depths of under an inch.

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

MALL, AMCR, ROPI, EUST, CANG, WITU

Surveyor initials:

MC

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com
Submitted Time: December 6, 2021 8:07 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 6, 2021
Surveyor Name: Courtney Scoles
Survey Location Name: 4
Survey Start Time: 15:28
Sunset Time: 16:28
Survey End Time: 16:58

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Field Cropland (including hay, wheat, oats, etc.)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 49



Field Data Sheet

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Rain (Intermittent/Light)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 46

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Rain (Intermittent/Light)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, CANG, BCCH

Surveyor Initials:
CS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: December 8, 2021 11:17 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 7, 2021

Surveyor Name: Anna Butler

Survey Location Name: 3

Survey Start Time: 15:28

Sunset Time: 16:28

Survey End Time: 16:58

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)

Third Open Field Cover Type (First field):
Pastureland

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Throughout survey wind changed direction and picked up, blowing through a few clouds and just a few faint sprinkles of snow.

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, WITU, BLJA

Surveyor initials:
AB

Overall Survey Notes (if needed):
Cows were out in the field nearest the farm buildings.



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: npusateri@edrdpc.com
Submitted Time: December 8, 2021 8:06 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 8, 2021

Surveyor Name: Nick Pusateri

Survey Location Name: 1

Survey Start Time: 15:28

Sunset Time: 16:28

Survey End Time: 16:58

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)

Secondary Open Field Cover Type (First field):

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 33
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Sustained/Heavy)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No
Were any SEOW or NOHA observed?
No
Were any Unlisted Raptor Species Observed?
No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No
Incidental species list:
AMCR, CANG, BCCH, BLJA
Surveyor initials:
NP

Overall Survey Notes (if needed):
It snowed constantly throughout the survey. Visibility was limited to about 1 mile or less, but the survey fields were in view enough. No raptors spotted.

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Snow (Sustained/Heavy)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Sustained snow. Not too heavy but limited visibility



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com
Submitted Time: December 9, 2021 9:31 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 9, 2021
Surveyor Name: Jess Tatten
Survey Location Name: 1
Survey Start Time: 15:28
Sunset Time: 16:28
Survey End Time: 16:58

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
Field Cropland (including hay, wheat, oats, etc.)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):
Patches of harvested corn with grass/hay fields between them
Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)



Field Data Sheet

Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 Yes



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 CANG,AMCR,NGO,EUST

Surveyor Initials:
 JT

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: December 10, 2021 3:01 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 9, 2021
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 15:28
Sunset Time: 16:28
Survey End Time: 16:58

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
 No



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 28
Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: N
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 Yes
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 WITU, DEJU, SNGO, AMCR, BLJA, CANG, PIWO, EUST
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kmalsegna@edrdpc.com
 Submitted Time: December 14, 2021 9:28 AM

Survey Information

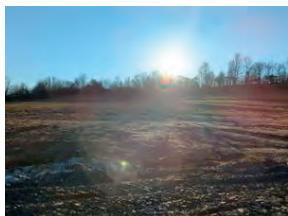
Project Name: Blue Hill Wind
Survey Date: December 13, 2021
Surveyor Name: Kori Malsegna
Survey Location Name: 3
Survey Start Time: 15:24
Sunset Time: 16:28
Survey End Time: 16:58

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Pastureland
Secondary Open Field Cover Type (First field):
 Field Cropland (including hay, wheat, oats, etc.)
Third Open Field Cover Type (First field):
 Row Cropland (Harvested)
Representative Photos (First field):



Field Data Sheet



Notes (First field):
Dairy cows in active pasture



Field Data Sheet

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 52
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WSW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 47
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WSW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com
 Submitted Time: December 15, 2021 1:19 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 13, 2021
Surveyor Name: Courtney Scoles
Survey Location Name: 4
Survey Start Time: 15:17
Sunset Time: 16:28
Survey End Time: 16:58

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Field Cropland (including hay, wheat, oats, etc.)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 45
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Wind was persistent and made it difficult to hear any vocalizations

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 MALL
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
 No



Field Data Sheet



Field Data Sheet

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WSW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 49

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WSW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 51



Field Data Sheet

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO, AMCR, CANG

Surveyor initials:
CS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey - Evening Stationary

Submitted By: npusateri@edrdpc.com
Submitted Time: December 14, 2021 8:19 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 14, 2021
Surveyor Name: Nick Pusateri
Survey Location Name: 1
Survey Start Time: 15:29
Sunset Time: 16:29
Survey End Time: 16:59

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 39
Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)
Wind Direction: NNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NNW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, CANG, NOFL, BLJA, BCCH

Surveyor initials:
NP

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kmalsegna@edrdpc.com

Submitted Time: December 15, 2021 10:20 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 14, 2021

Surveyor Name: Kori Malsegna

Survey Location Name: 3

Survey Start Time: 15:20

Sunset Time: 16:29

Survey End Time: 16:59

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Pastureland

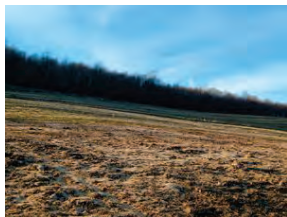
Secondary Open Field Cover Type (First field):
Field Cropland (including hay, wheat, oats, etc.)

Third Open Field Cover Type (First field):
Row Cropland (Harvested)

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):
Active dairy cow pasture

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 37
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NNW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 Yes
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 EUST, AMCR, ROPI
Surveyor initials:
 KM
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com
 Submitted Time: December 15, 2021 1:20 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 14, 2021
Surveyor Name: Courtney Scoles
Survey Location Name: 4
Survey Start Time: 15:27
Sunset Time: 16:29
Survey End Time: 16:59

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Field Cropland (including hay, wheat, oats, etc.)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42



Field Data Sheet

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 40
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: N
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?



Field Data Sheet

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR

Surveyor initials:
CS

Overall Survey Notes (if needed):
Heard great horned owl north of observation 4 out of sight. Marked approximate location and details in collector.



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 17, 2021 10:08 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 16, 2021

Surveyor Name: Anna Butler

Survey Location Name: 2

Survey Start Time: 15:29

Sunset Time: 16:29

Survey End Time: 16:59

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):

Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 59
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Gusting up to 15 mph



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com
 Submitted Time: December 18, 2021 1:53 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 17, 2021
Surveyor Name: Jess Tatten
Survey Location Name: 1
Survey Start Time: 15:29
Sunset Time: 16:29
Survey End Time: 17:00

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
 Field Cropland (including hay, wheat, oats, etc.)
Third Open Field Cover Type (First field):
 Wetland
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

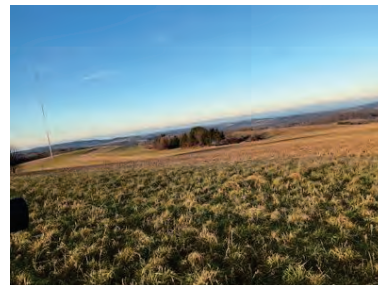
Temperature (F): 59
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Still quite gusty, with gusts up to 13 mph

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, PIWO, WITU, MALL
Surveyor Initials:
 AB
Overall Survey Notes (if needed):
 Wind noise prohibitive to hearing most vocalizations



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 41

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW



Field Data Sheet

Incidental species list:

AMCR, BLJA, CANG, MALL

Surveyor initials:

JT

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey - Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: December 20, 2021 6:01 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 20, 2021
Surveyor Name: Anna Butler
Survey Location Name: 1
Survey Start Time: 15:31
Sunset Time: 16:31
Survey End Time: 17:01

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? Yes
Weather Notes: Snow is probably less than an inch



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
WITU, AMCR

Surveyor Initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kmalsegna@edrdpc.com

Submitted Time: December 22, 2021 12:20 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 20, 2021

Surveyor Name: Kori Malsegna

Survey Location Name: 4

Survey Start Time: 15:26

Sunset Time: 16:31

Survey End Time: 17:01

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Field Cropland (including hay, wheat, oats, etc.)

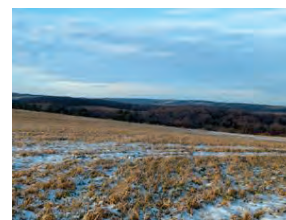
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet





Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 Yes
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, EUST, CANG
Surveyor initials:
 KM

Overall Survey Notes (if needed):
 Four deer noted foraging in nearby field from survey start to approximately 4:15



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: December 21, 2021 6:01 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 21, 2021
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 15:31
Sunset Time: 16:31
Survey End Time: 17:01

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some snow left in parts of the field, but not a full inch remaining



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: E

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR, BLJA, HAWO, PIWO, WITU, CANG, MALL

Surveyor initials:

AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 23, 2021 6:06 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 23, 2021

Surveyor Name: Anna Butler

Survey Location Name: 3

Survey Start Time: 15:32

Sunset Time: 16:32

Survey End Time: 17:02

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):

Row Cropland (Harvested)

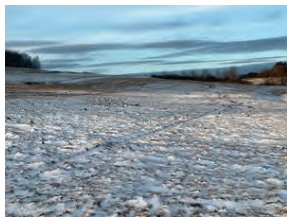
Third Open Field Cover Type (First field):

Pastureland

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?

No



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 24
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 WITU, EUST, DOWO, BLJA, DEJU, NOCA, AMCR, ROPI, CANG
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 23
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: December 27, 2021 6:05 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 27, 2021
Surveyor Name: Anna Butler
Survey Location Name: 4
Survey Start Time: 15:35
Sunset Time: 16:35
Survey End Time: 17:05

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Snow (Sustained/Heavy)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow accumulating



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 27
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Visibility alternated between poor and fair with flurries

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 EUST, CANG, WITU
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mcain@edrdpc.com
 Submitted Time: December 27, 2021 6:06 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 27, 2021
Surveyor Name: Martin Cain
Survey Location Name: 3
Survey Start Time: 15:27
Sunset Time: 16:35
Survey End Time: 17:05

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Field Cropland (including hay, wheat, oats, etc.)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):

Representative Photos (Second field):



Notes (Second field):

Do you need to report observations of a third open field?

Yes



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
 Yes

Primary Open Field Cover Type (Second field):

Field Cropland (including hay, wheat, oats, etc.)

Secondary Open Field Cover Type (Second field):

Row Cropland (Harvested)

Third Open Field Cover Type (Second field):



Field Data Sheet

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Incidental species list:
EUST, WITU, ROPI, CANG

Surveyor initials:
MC

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 28, 2021 6:05 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 28, 2021

Surveyor Name: Anna Butler

Survey Location Name: 3

Survey Start Time: 15:35

Sunset Time: 16:35

Survey End Time: 17:05

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):

Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?

No



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 34
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, EUST, ROPI, WITU
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: December 29, 2021 6:06 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 29, 2021
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 15:36
Sunset Time: 16:36
Survey End Time: 17:06

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36
Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: ENE
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Fog
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Fog
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Fog intensified as survey went on

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, BLJA, WITU, CANG, BCCH, MALL, WBNU, PIWO
Surveyor Initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: December 30, 2021 6:07 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 30, 2021
Surveyor Name: Anna Butler
Survey Location Name: 1
Survey Start Time: 15:37
Sunset Time: 16:37
Survey End Time: 17:07

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
 No



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 39
Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Fog
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Fog rolled in and the hill was pretty soaked in by the end of the survey

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 CANG, AMCR, BCCH, BLJA, WITU, AMRO

Surveyor initials:
 AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: January 4, 2022 10:42 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 3, 2022
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 15:41
Sunset Time: 16:41
Survey End Time: 17:11

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 16
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NNW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Some snow/frost, but not an inch or more



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 13

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NNW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
WITU, WBNU, DEJU, AMCR, EUST, CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: egreco@edrdpc.com

Submitted Time: January 4, 2022 9:42 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 4, 2022

Surveyor Name: Elena Greco

Survey Location Name: 3

Survey Start Time: 15:42

Sunset Time: 16:42

Survey End Time: 17:12

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Field Cropland (including hay, wheat, oats, etc.)

Secondary Open Field Cover Type (First field):

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):
Full view 360 degrees of land, runs NW to SW of point.

Do you need to report observations of a second open field?
Yes

Primary Open Field Cover Type (Second field):

Row Cropland (Fallow)

Secondary Open Field Cover Type (Second field):

Third Open Field Cover Type (Second field):



Field Data Sheet

Representative Photos (Second field):



Notes (Second field):

On NE side

Do you need to report observations of a third open field?

Yes

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Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 29
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 EUST, AMCR, WITU, BLJA
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: egreco@edrdpc.com
 Submitted Time: January 6, 2022 10:38 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 6, 2022
Surveyor Name: Elena Greco
Survey Location Name: 4
Survey Start Time: 15:43
Sunset Time: 16:43
Survey End Time: 17:13

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Field Cropland (including hay, wheat, oats, etc.)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Notes (First field):



Field Data Sheet

Point immediately surrounded on all sides by oat and/or wheat field. Harvested corn field is in view off to E side of point.

Do you need to report observations of a second open field?

No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Light snow, visibility good.

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

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Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 13
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WSW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes: Ice crust

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 Yes
Incidental species list:
 SNBU
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com
 Submitted Time: January 11, 2022 9:23 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 10, 2022
Surveyor Name: Courtney Scoles
Survey Location Name: 4
Survey Start Time: 15:48
Sunset Time: 16:48
Survey End Time: 17:18

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Thick sheets of ice covers entire field

Do you need to report observations of a second open field?

No



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 16

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR

Surveyor initials:

CS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 22

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes:



Field Data Sheet



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: bamberger@edrdpc.com
Submitted Time: January 13, 2022 6:21 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 13, 2022
Surveyor Name: Ben Amberger
Survey Location Name: 3
Survey Start Time: 15:25
Sunset Time: 16:51
Survey End Time: 17:21

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
Pastureland
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):
active cow pasture
Do you need to report observations of a second open field?
Yes
Primary Open Field Cover Type (Second field):

Row Cropland (Harvested)

Secondary Open Field Cover Type (Second field):

Successional Old Field

Third Open Field Cover Type (Second field):



Field Data Sheet

Representative Photos (Second field):



Notes (Second field):

Do you need to report observations of a third open field?

No

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 36
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 AMCR, ROPI, BCCH, WITU

Surveyor initials:
 CS

Overall Survey Notes (if needed):

Weather Conditions at Start of Survey

Temperature (F): 38
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: January 17, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 13, 2022
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 15:51
Sunset Time: 16:51
Survey End Time: 17:21

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 38
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: January 17, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 14, 2022
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 15:52
Sunset Time: 16:52
Survey End Time: 17:22

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 35
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, EUST, DOWO
Surveyor Initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet





Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 20
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NNW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes: Ice layer still under snow



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 16
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NNW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No
Were any SEOW or NOHA observed?
No
Were any Unlisted Raptor Species Observed?
No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No
Incidental species list:
MALL, CANG, DOWO
Surveyor initials:
AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: January 20, 2022 10:04 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 19, 2022
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 15:58
Sunset Time: 16:58
Survey End Time: 17:28

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 39

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kmalsegna@edrdpc.com
Submitted Time: January 21, 2022 1:37 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 19, 2022

Surveyor Name: Kori Malsegna

Survey Location Name: 4

Survey Start Time: 15:50

Sunset Time: 16:58

Survey End Time: 17:28

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)

Secondary Open Field Cover Type (First field):
Field Cropland (including hay, wheat, oats, etc.)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 39

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
AMCR, EABL, BLJA, SNBU, BCCH, DOWO, CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet



Notes (First field):



Field Data Sheet

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 41
Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 10
Snow Crust Present? No
Weather Notes: Snow depth ranges from 4-12 in

Weather Conditions at End of Survey

Temperature (F): 39
Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 10
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:

Surveyor initials:
KM

Overall Survey Notes (if needed):
5 deer present grazing at 4:45. A few small groups of small, non-raptor birds spotted, but unable to ID



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: January 21, 2022 10:18 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 20, 2022
Surveyor Name: Anna Butler
Survey Location Name: 1
Survey Start Time: 16:00
Sunset Time: 17:00
Survey End Time: 17:30

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 10
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 4
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kmalsegna@edrdpc.com
 Submitted Time: January 21, 2022 1:37 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 20, 2022
Surveyor Name: Kori Malsegna
Survey Location Name: 3
Survey Start Time: 16:00
Sunset Time: 17:00
Survey End Time: 17:30

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Pastureland
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 9
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 4
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 Yes
Incidental species list:
 SNBU
Surveyor Initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet





Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?

No



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 10

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

ROPI, EUST, ABDU

Surveyor initials:

KM

Overall Survey Notes (if needed):

To the best of my ability, it was an American black duck. It was similar in size to a mallard, with a light brown body and dark head, and from using Merlin, the calls the flocks were making sound correct. But I am not totally confident on this ID.



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 13

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: January 26, 2022 11:17 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 24, 2022
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 16:05
Sunset Time: 17:05
Survey End Time: 17:35

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 18
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 4
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com
 Submitted Time: January 26, 2022 9:19 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 25, 2022
Surveyor Name: Courtney Scoles
Survey Location Name: 4
Survey Start Time: 16:06
Sunset Time: 17:06
Survey End Time: 17:36

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 17
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 4
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 Yes
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 ROPI, CANG
Surveyor Initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 22



Field Data Sheet

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 12

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 19

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 13

Snow Crust Present? No

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
MALL, ROPI, AMCR, SNBU

Surveyor initials:
CS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: January 26, 2022 11:18 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 25, 2022
Surveyor Name: Anna Butler
Survey Location Name: 1
Survey Start Time: 16:06
Sunset Time: 17:06
Survey End Time: 17:36

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 22
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 6
Snow Crust Present? No
Weather Notes: Survey started during pause in flurries



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: sparker@edrdpc.com
 Submitted Time: January 28, 2022 12:12 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 25, 2022
Surveyor Name: Samantha Parker-Fann
Survey Location Name: 3
Survey Start Time: 16:00
Sunset Time: 17:04
Survey End Time: 17:35

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Pastureland
Secondary Open Field Cover Type (First field):
 Successional Old Field
Third Open Field Cover Type (First field):

Representative Photos (First field):

Notes (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 19
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Snow (Sustained/Heavy)
Est. mean snow depth (inches): 6
Snow Crust Present? No
Weather Notes: Flurry around mid-survey reduced visibility to ~50ft, then it cleared up again relatively

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 Yes
Incidental species list:
 CANG, SNBU
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Do you need to report observations of a second open field?
 Yes

Primary Open Field Cover Type (Second field):

Pastureland

Secondary Open Field Cover Type (Second field):

Successional Old Field

Third Open Field Cover Type (Second field):

Representative Photos (Second field):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: February 1, 2022 12:13 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 31, 2022
Surveyor Name: Anna Butler
Survey Location Name: 1
Survey Start Time: 16:14
Sunset Time: 17:14
Survey End Time: 17:44

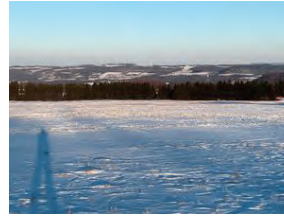
Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSE
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: sparker@edrdpc.com
 Submitted Time: February 1, 2022 6:23 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 1, 2022
Surveyor Name: Samantha Parker-Fann
Survey Location Name: 3
Survey Start Time: 15:59
Sunset Time: 17:16
Survey End Time: 17:46

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Pastureland
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 21
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSE
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 Yes
Incidental species list:
 NOCA, WITU, SNBU
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet



Notes (First field):



Field Data Sheet

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)
Wind Direction: S
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 6
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31
Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: S
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 6
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 ROPI, EUST, AMCR, SOSP, WODU, DEJU

Surveyor initials:
 SPF

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: February 2, 2022 10:07 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 1, 2022
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 16:15
Sunset Time: 17:15
Survey End Time: 17:45

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kmalsegna@edrdpc.com

Submitted Time: February 4, 2022 11:06 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 1, 2022

Surveyor Name: Kori Malsegna

Survey Location Name: 4

Survey Start Time: 16:15

Sunset Time: 17:15

Survey End Time: 17:45

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Field Cropland (including hay, wheat, oats, etc.)

Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet





Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: SSE
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 12
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 36
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: ESE
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 12
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No
Were any SEOW or NOHA observed?
No
Were any Unlisted Raptor Species Observed?
No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No
Incidental species list:
EUST
Surveyor Initials:
KM
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: February 9, 2022 10:24 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 8, 2022
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 16:24
Sunset Time: 17:24
Survey End Time: 17:54

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 17
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: sparker@edrdpc.com
 Submitted Time: February 9, 2022 5:10 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 8, 2022
Surveyor Name: Samantha Parker-Fann
Survey Location Name: 3
Survey Start Time: 16:22
Sunset Time: 17:24
Survey End Time: 17:54

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Pastureland
Secondary Open Field Cover Type (First field):
 Successional Old Field
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 26
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 17
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, CANG, MALL
Surveyor Initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
 No

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com

Submitted Time: February 9, 2022 8:16 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 8, 2022

Surveyor Name: Courtney Scoles

Survey Location Name: 4

Survey Start Time: 16:25

Sunset Time: 17:25

Survey End Time: 17:55

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Harvested)

Secondary Open Field Cover Type (First field):

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Sustained/Heavy)

Est. mean snow depth (inches): 24

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 28

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 24

Snow Crust Present? No

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

MALL, ROPI, AMCR, WITU

Surveyor initials:

CS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey - Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: February 15, 2022 11:17 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 11, 2022

Surveyor Name: Anna Butler

Survey Location Name: 1

Survey Start Time: 16:28

Sunset Time: 17:28

Survey End Time: 17:58

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):

Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):

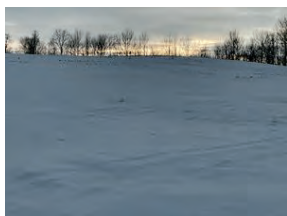


Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 46

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

CANG, WITU

Surveyor initials:

AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: February 15, 2022 11:17 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 14, 2022

Surveyor Name: Anna Butler

Survey Location Name: 1

Survey Start Time: 16:32

Sunset Time: 17:32

Survey End Time: 18:02

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):

Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 13
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 6
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 8

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: sparker@edrdpc.com

Submitted Time: February 15, 2022 8:01 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 15, 2022

Surveyor Name: Samantha Parker-Fann

Survey Location Name: 3

Survey Start Time: 16:30

Sunset Time: 17:34

Survey End Time: 18:04

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Pastureland

Secondary Open Field Cover Type (First field):
Successional Old Field

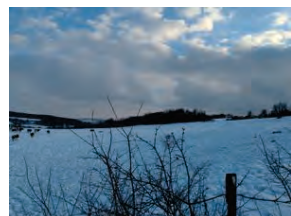
Third Open Field Cover Type (First field):

Representative Photos (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Notes (First field):



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 21

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 7

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 18

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 7

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
ROPI, SOSP, AMCR, BARS, EUST

Surveyor initials:
SPF

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey - Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: February 15, 2022 10:15 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 15, 2022

Surveyor Name: Anna Butler

Survey Location Name: 2

Survey Start Time: 16:34

Sunset Time: 17:34

Survey End Time: 18:04

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 21
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes: New snow layer on top of crust



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 18

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, ROPI, CANG

Surveyor Initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com

Submitted Time: February 22, 2022 5:26 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 16, 2022

Surveyor Name: Courtney Scoles

Survey Location Name: 4

Survey Start Time: 16:35

Sunset Time: 17:35

Survey End Time: 18:05

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)

Secondary Open Field Cover Type (First field):

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 40
Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: February 23, 2022 12:00 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 21, 2022
Surveyor Name: Anna Butler
Survey Location Name: 1
Survey Start Time: 16:41
Sunset Time: 17:41
Survey End Time: 18:11

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
 Row Cropland (Unharvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 39
Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 BCCH, AMRO, CANG
Surveyor initials:
 CS
Overall Survey Notes (if needed):



Field Data Sheet





Field Data Sheet



Notes (First field):

Low battery, forgot to take pictures til survey's end

Do you need to report observations of a second open field?



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 49

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Most of the snow melted



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 43

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ESE

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Yes

Incidental species list:

AMCR, MALL, CANG, SNBU, NOFL, WITU

Surveyor initials:

AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: February 25, 2022 11:06 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 23, 2022
Surveyor Name: Anna Butler
Survey Location Name: 3
Survey Start Time: 16:44
Sunset Time: 17:44
Survey End Time: 18:14

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
Row Cropland (Fallow)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kmalsegna@edrdpc.com
Submitted Time: February 25, 2022 12:39 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 23, 2022

Surveyor Name: Kori Malsegna

Survey Location Name: 4

Survey Start Time: 16:40

Sunset Time: 17:44

Survey End Time: 17:14

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Field Cropland (including hay, wheat, oats, etc.)

Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some accumulation, but not an inch

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:
AMCR, EUST, WITU, CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet





Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 26
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No
Were any SEOW or NOHA observed?
No
Were any Unlisted Raptor Species Observed?
No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No
Incidental species list:
AMCR, CANG, EUST, NOCA
Surveyor initials:
KM
Overall Survey Notes (if needed):



Field Data Sheet

Noted a RTHA and heard BCCH on my walk to the survey site, but not seen on-site.



Field Data Sheet

Winter Raptor Survey - Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 1, 2022 9:53 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 28, 2022

Surveyor Name: Anna Butler

Survey Location Name: 1

Survey Start Time: 16:50

Sunset Time: 17:50

Survey End Time: 18:20

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Harvested)

Secondary Open Field Cover Type (First field):

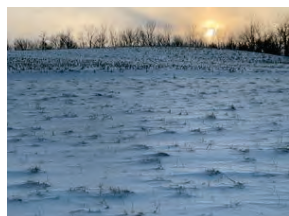
Row Cropland (Fallow)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?

No



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 18
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 Yes
Incidental species list:
 AMCR, SNBU, NOCA
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 20
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: sparker@edrdpc.com
 Submitted Time: March 2, 2022 7:41 PM

Survey Information

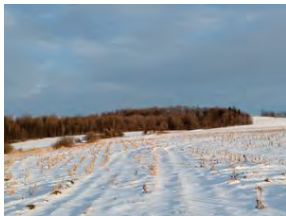
Project Name: Blue Hill Wind
Survey Date: March 2, 2022
Surveyor Name: Samantha Parker-Fann
Survey Location Name: 4
Survey Start Time: 16:47
Sunset Time: 17:53
Survey End Time: 18:23

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
 Successional Old Field
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet



Notes (First field):



Field Data Sheet

Do you need to report observations of a second open field?
No



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)
Wind Direction: W
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 29
Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)
Wind Direction: W
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, BCCH, NOCA, BLJA, unknown woodpecker

Surveyor initials:
SPF

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: March 4, 2022 10:13 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 2, 2022

Surveyor Name: Anna Butler

Survey Location Name: 2

Survey Start Time: 16:53

Sunset Time: 17:53

Survey End Time: 18:23

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)

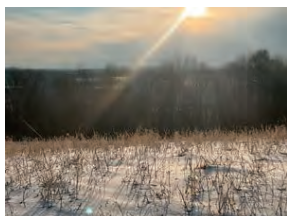
Secondary Open Field Cover Type (First field):
Row Cropland (Fallow)

Third Open Field Cover Type (First field):

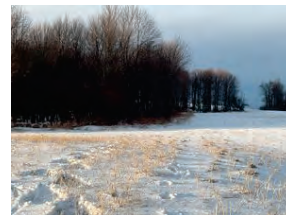
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 34
Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: N
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, BCCH, CANG, DOWO, NOFL, WITU, RWBL
Surveyor initials:
 AB
Overall Survey Notes (if needed):
 Saw a fisher cat



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscos@edrdpc.com
 Submitted Time: March 7, 2022 12:05 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 2, 2022
Surveyor Name: Courtney Scoles
Survey Location Name: 3
Survey Start Time: 16:30
Sunset Time: 17:55
Survey End Time: 18:25

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Pastureland
Secondary Open Field Cover Type (First field):

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 34
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 MALL, BCCH, EUST, ROPI
Surveyor initials:
 CS
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com

Submitted Time: March 14, 2022 11:01 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 7, 2022

Surveyor Name: Courtney Scoles

Survey Location Name: 3

Survey Start Time: 16:51

Sunset Time: 16:51

Survey End Time: 16:51

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Pastureland

Secondary Open Field Cover Type (First field):

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 59

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 51

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Rain (Intermittent/Light)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
ROPI, EUST, ATSP, WITU, BLJA, CANG,

Surveyor initials:
CS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 9, 2022 10:53 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 8, 2022

Surveyor Name: Anna Butler

Survey Location Name: 2

Survey Start Time: 17:00

Sunset Time: 18:00

Survey End Time: 18:30

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)

Third Open Field Cover Type (First field):

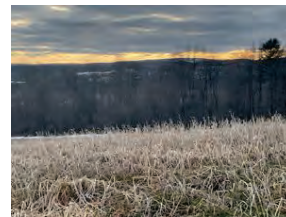
Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 31
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, BLJA, WITU, RWBL, CANG, RBWO, EUST, MODO
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: sparker@edrdpc.com
 Submitted Time: March 24, 2022 10:32 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 8, 2022
Surveyor Name: Samantha Parker-Fann
Survey Location Name: 4
Survey Start Time: 17:01
Sunset Time: 18:01
Survey End Time: 18:31

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
 Successional Old Field
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?
No



Field Data Sheet

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: W
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 28
Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No
Were any SEOW or NOHA observed?
No
Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31



Field Data Sheet



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, BCCH, DOWO, CANG

Surveyor initials:
SPF

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: March 10, 2022 9:22 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 9, 2022
Surveyor Name: Anna Butler
Survey Location Name: 1
Survey Start Time: 17:01
Sunset Time: 18:01
Survey End Time: 18:31

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)

Secondary Open Field Cover Type (First field):
Row Cropland (Fallow)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 5
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 Yes
Incidental species list:
 SNBU, AMCR, CANG
Surveyor Initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: March 15, 2022 9:01 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 14, 2022
Surveyor Name: Anna Butler
Survey Location Name: 2
Survey Start Time: 18:07
Sunset Time: 19:07
Survey End Time: 19:37

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes: Snow is a little patchy



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 46
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, WITU, BLJA, NOCA, CANG, WBNU
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com
 Submitted Time: March 18, 2022 10:40 AM

Survey Information

Project Name: Blue Hill Solar
Survey Date: March 14, 2022
Surveyor Name: Courtney Scoles
Survey Location Name: 4
Survey Start Time: 18:00
Sunset Time: 19:08
Survey End Time: 19:38

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 47
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: March 21, 2022 9:28 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 15, 2022
Surveyor Name: Anna Butler
Survey Location Name: 3
Survey Start Time: 18:08
Sunset Time: 19:08
Survey End Time: 19:38

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Fallow)
Secondary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Third Open Field Cover Type (First field):
Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 44
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMCR, ROPI, EUST,
Surveyor initials:
 CS
Overall Survey Notes (if needed):



Field Data Sheet





Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 41
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Rain (Intermittent/Light)
Est. mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 AMCR, AMRO, EUST, ROPI, RWBL, WITU, CANG

Surveyor initials:
 AB

Overall Survey Notes (if needed):

Weather Conditions at Start of Survey

Temperature (F): 44
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Rain (Intermittent/Light)
Est. mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Patchy snow, half melted



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com

Submitted Time: March 21, 2022 10:02 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 21, 2022

Surveyor Name: Courtney Scoles

Survey Location Name: 1

Survey Start Time: 18:07

Sunset Time: 19:16

Survey End Time: 19:46

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Fallow)

Secondary Open Field Cover Type (First field):

Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 42

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, CANG, WITU, AMRO, EUST, MALL

Surveyor initials:
CS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 22, 2022 8:35 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 21, 2022

Surveyor Name: Anna Butler

Survey Location Name: 2

Survey Start Time: 18:15

Sunset Time: 19:15

Survey End Time: 19:45

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Fallow)

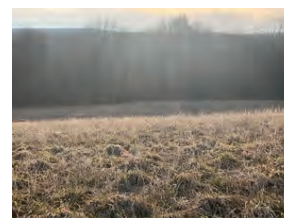
Secondary Open Field Cover Type (First field):
Row Cropland (Harvested)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet

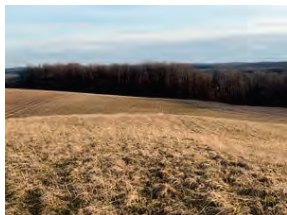


Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet





Field Data Sheet



Field Data Sheet



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 42
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 AMRO, CANG, EUST, WITU, RWBL, MALL
Surveyor initials:
 AB
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: cscoles@edrdpc.com
 Submitted Time: March 28, 2022 7:40 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 22, 2022
Surveyor Name: Courtney Scoles
Survey Location Name: 4
Survey Start Time: 18:15
Sunset Time: 19:16
Survey End Time: 19:46

Open Field Condition Observations

Primary Open Field Cover Type (First field):
 Row Cropland (Harvested)
Secondary Open Field Cover Type (First field):

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 43
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 38
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 EUST, ROPI, BCCH, BLJA, NOCA, SOSPO, CANG, AMCR
Surveyor initials:
 CS
Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 29, 2022 10:18 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 28, 2022

Surveyor Name: Anna Butler

Survey Location Name: 3

Survey Start Time: 18:24

Sunset Time: 19:24

Survey End Time: 19:54

Open Field Condition Observations

Primary Open Field Cover Type (First field):

Row Cropland (Harvested)

Secondary Open Field Cover Type (First field):

Row Cropland (Fallow)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet



Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey - Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 31, 2022 9:29 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 30, 2022

Surveyor Name: Anna Butler

Survey Location Name: 1

Survey Start Time: 18:26

Sunset Time: 19:26

Survey End Time: 19:56

Open Field Condition Observations

Primary Open Field Cover Type (First field):
Row Cropland (Harvested)

Secondary Open Field Cover Type (First field):
Row Cropland (Fallow)

Third Open Field Cover Type (First field):

Representative Photos (First field):



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 16

Wind Speed (mph): 4 - 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, SOSP, NOCA, WITU, KILL, WISN, AMCR

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet





Field Data Sheet



Notes (First field):

Do you need to report observations of a second open field?



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 4
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Weather Conditions at End of Survey

Temperature (F): 38
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 4
Snow Crust Present? Yes
Weather Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Incidental species list:
 PIWO, AMCR
Surveyor initials:
 AB
Overall Survey Notes (if needed):

APPENDIX B

Daytime Driving Route Survey Data Sheets



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: jtatten@edrdpc.com
Submitted Time: December 9, 2021 8:01 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 9, 2021
Surveyor Name: Jess Tatten
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A
Survey Start Time: 12:44
Survey End Time: 12:49
Representative Photos:



Field Data Sheet



Incidental species list:

WBNU, CANG, AMCR, BCCH, EUST, BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: jtatten@edrdpc.com
Submitted Time: December 9, 2021 8:01 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 9, 2021
Surveyor Name: Jess Tatten
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B
Survey Start Time: 12:57
Survey End Time: 13:02
Representative Photos:

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: jtatten@edrdpc.com

Submitted Time: December 9, 2021 8:01 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 9, 2021
Surveyor Name: Jess Tatten
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D
Survey Start Time: 13:19
Survey End Time: 13:24
Representative Photos:



Field Data Sheet



Incidental species list:

ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: jtatten@edrdpc.com
Submitted Time: December 9, 2021 8:01 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 9, 2021
Surveyor Name: Jess Tatten
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E
Survey Start Time: 13:28
Survey End Time: 13:34
Representative Photos:



Field Data Sheet



Incidental species list:

ROPI, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: jtatten@edrdpc.com
Submitted Time: December 9, 2021 8:01 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 9, 2021
Surveyor Name: Jess Tatten
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 13:38
Survey End Time: 13:43
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, CANG

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: jtatten@edrdpc.com
Submitted Time: December 9, 2021 8:01 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 9, 2021

Surveyor Name: Jess Tatten

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NE

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 13:46

Survey End Time: 13:52

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, MODO, CANG

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 25

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: December 20, 2021 12:34 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 17, 2021

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 12:43

Survey End Time: 12:48

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: December 20, 2021 12:34 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 17, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: WNW
Cloud Cover: None (Clear)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B
Survey Start Time: 12:51
Survey End Time: 12:56
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, DEJU, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: December 20, 2021 12:34 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 17, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: WNW
Cloud Cover: None (Clear)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C
Survey Start Time: 13:00
Survey End Time: 13:05
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: December 20, 2021 12:34 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 17, 2021

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 13:08

Survey End Time: 13:13

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: December 20, 2021 12:34 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 17, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: WNW
Cloud Cover: None (Clear)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E
Survey Start Time: 13:15
Survey End Time: 13:20
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BCCH, ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: December 20, 2021 12:34 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 17, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: WNW
Cloud Cover: None (Clear)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 13:21
Survey End Time: 13:26
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: December 20, 2021 12:34 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 17, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: WNW
Cloud Cover: None (Clear)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G
Survey Start Time: 13:39
Survey End Time: 13:44
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F): 47

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com

Submitted Time: December 22, 2021 12:22 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 21, 2021

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Slight snow on vegetation

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 13:23

Survey End Time: 13:28

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
 Submitted Time: December 22, 2021 12:22 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 21, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Slight snow on vegetation

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 13:31
Survey End Time: 13:37
Representative Photos:



Field Data Sheet



Incidental species list:
 AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No



Field Data Sheet

Were any Unlisted Raptor Species Observed?
 Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:
 Redtail hawk observed

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: December 22, 2021 12:22 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 21, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Slight snow on vegetation

Daytime Survey Stop

Daytime Survey Stop ID: E
Survey Start Time: 13:42
Survey End Time: 13:47
Representative Photos:



Field Data Sheet



Field Data Sheet

Incidental species list:

EUST, ROPI, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: December 22, 2021 12:22 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 21, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Slight snow on vegetation

Daytime Survey Stop

Daytime Survey Stop ID: D
Survey Start Time: 13:49
Survey End Time: 13:54
Representative Photos:



Field Data Sheet



Incidental species list:

ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com

Submitted Time: December 22, 2021 12:22 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 21, 2021

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Slight snow on vegetation

Daytime Survey Stop

Daytime Survey Stop ID: C

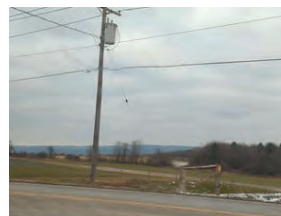
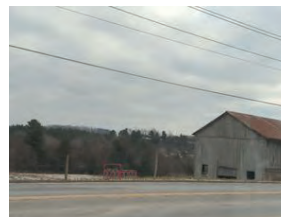
Survey Start Time: 13:58

Survey End Time: 14:07

Representative Photos:



Field Data Sheet





Field Data Sheet

Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:
Redtail hawk observed

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: December 22, 2021 12:22 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 21, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Slight snow on vegetation

Daytime Survey Stop

Daytime Survey Stop ID: B
Survey Start Time: 14:11
Survey End Time: 14:16
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No



Field Data Sheet

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: December 22, 2021 12:22 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 21, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Slight snow on vegetation

Daytime Survey Stop

Daytime Survey Stop ID: A
Survey Start Time: 14:19
Survey End Time: 14:24
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No



Field Data Sheet

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 36
Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: light snow cover on veg



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: December 30, 2021 10:44 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 29, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Fog
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G
Survey Start Time: 13:44
Survey End Time: 13:49
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: December 30, 2021 10:44 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 29, 2021

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time: 13:53

Survey End Time: 13:58

Representative Photos:



Field Data Sheet



Incidental species list:

BLJA, AMCR, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: December 30, 2021 10:44 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 29, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E
Survey Start Time: 14:02
Survey End Time: 14:07
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: December 30, 2021 10:44 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 29, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D
Survey Start Time: 14:10
Survey End Time: 14:15
Representative Photos:



Field Data Sheet



Incidental species list:

EUST, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: December 30, 2021 10:45 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 29, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C
Survey Start Time: 14:18
Survey End Time: 14:23
Representative Photos:



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: December 30, 2021 10:45 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: December 29, 2021

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time: 14:25

Survey End Time: 14:30

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, WITU

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: December 30, 2021 10:45 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: December 29, 2021
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A
Survey Start Time: 14:35
Survey End Time: 14:40
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, WBNU, BCCH, BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 36



Field Data Sheet

Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Fog
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: January 5, 2022 10:09 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 4, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some remnants of snow, but less than 1 inch

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 14:28

Survey End Time: 14:33

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, DOWO

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: January 5, 2022 10:09 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 4, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some remnants of snow, but less than 1 inch

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time: 14:36

Survey End Time: 14:41

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: January 5, 2022 10:09 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 4, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some remnants of snow, but less than 1 inch

Daytime Survey Stop

Daytime Survey Stop ID: E

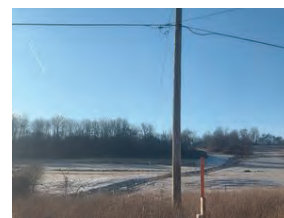
Survey Start Time: 14:43

Survey End Time: 14:48

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, DEJU

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: January 5, 2022 10:09 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 4, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 30
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: Mostly Clear (10-25%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Some remnants of snow, but less than 1 inch

Daytime Survey Stop

Daytime Survey Stop ID: D
Survey Start Time: 14:50
Survey End Time: 14:55
Representative Photos:



Field Data Sheet



Incidental species list:

EUST, ROPI, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: January 5, 2022 10:09 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 4, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some remnants of snow, but less than 1 inch

Daytime Survey Stop

Daytime Survey Stop ID: C

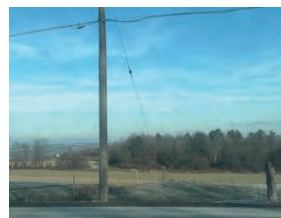
Survey Start Time: 14:57

Survey End Time: 15:02

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: January 5, 2022 10:09 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 4, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some remnants of snow, but less than 1 inch

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time: 15:04

Survey End Time: 15:09

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, BLJA, NOCA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: January 5, 2022 10:09 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 4, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some remnants of snow, but less than 1 inch

Daytime Survey Stop

Daytime Survey Stop ID: A

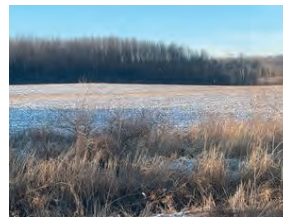
Survey Start Time: 15:12

Survey End Time: 15:17

Representative Photos:



Field Data Sheet



Incidental species list:

BCCH, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 32



Field Data Sheet

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: None (Clear)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: cscs@edrdpc.com
 Submitted Time: January 14, 2022 1:25 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 13, 2022
Surveyor Name: Anna Butler, Courtney Scoles
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 37
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G
Survey Start Time: 13:48
Survey End Time: 13:53
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA, NOFL,

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: cscoles@edrdpc.com
Submitted Time: January 14, 2022 1:25 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 13, 2022
Surveyor Name: Anna Butler, Courtney Scoles
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 37
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 13:56
Survey End Time: 14:01
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: cscoles@edrdpc.com
Submitted Time: January 14, 2022 1:25 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 13, 2022
Surveyor Name: Anna Butler, Courtney Scoles
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 37
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E
Survey Start Time: 14:04
Survey End Time: 14:09
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: cscoles@edrdpc.com

Submitted Time: January 14, 2022 1:25 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 13, 2022

Surveyor Name: Anna Butler, Courtney Scoles

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 14:14

Survey End Time: 14:19

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: cscoles@edrdpc.com
 Submitted Time: January 14, 2022 1:25 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 13, 2022
Surveyor Name: Anna Butler, Courtney Scoles
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 37
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C
Survey Start Time: 14:22
Survey End Time: 14:27
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA, DEJU

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: cscoles@edrdpc.com
Submitted Time: January 14, 2022 1:25 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 13, 2022
Surveyor Name: Anna Butler, Courtney Scoles
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 37
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B
Survey Start Time: 14:29
Survey End Time: 14:34
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA, MALL

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No
Were any SEOW or NOHA observed?
No
Were any Unlisted Raptor Species Observed?
No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: cscoles@edrdpc.com
Submitted Time: January 14, 2022 1:25 PM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 13, 2022
Surveyor Name: Anna Butler, Courtney Scoles
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 37
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A
Survey Start Time: 14:38
Survey End Time: 14:43
Representative Photos:



Field Data Sheet



Incidental species list:

BCCH, AMCR, AMRO, SNBU

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Yes

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 37



Field Data Sheet

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: January 21, 2022 1:31 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: January 20, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 14:24

Survey End Time: 14:29

Representative Photos:



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Red tailed hawk observed

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com

Submitted Time: January 21, 2022 1:32 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: January 20, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 14:48

Survey End Time: 14:53

Representative Photos:



Field Data Sheet



Incidental species list:

EUST, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: January 21, 2022 1:32 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: January 20, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 14:41

Survey End Time: 14:46

Representative Photos:



Field Data Sheet



Incidental species list:

MALL, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: January 21, 2022 1:33 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: January 20, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F

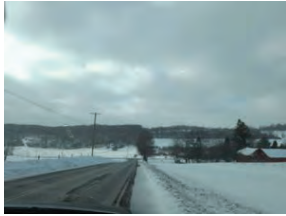
Survey Start Time: 14:34

Survey End Time: 14:39

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: January 21, 2022 1:33 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: January 20, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time: 14:56

Survey End Time: 15:01

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com

Submitted Time: January 21, 2022 1:33 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: January 20, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 15:08

Survey End Time: 15:13

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, WTSP

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 15

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: January 21, 2022 1:34 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: January 20, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B

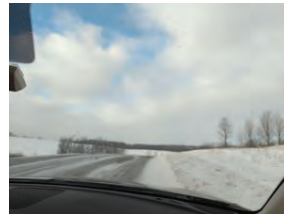
Survey Start Time: 15:02

Survey End Time: 15:07

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: January 26, 2022 11:22 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 25, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 20

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Snow (Sustained/Heavy)

Est. mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 14:17

Survey End Time: 14:22

Representative Photos:



Field Data Sheet



Incidental species list:

CANG, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: January 26, 2022 11:22 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 25, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 20

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time: 14:25

Survey End Time: 14:30

Representative Photos:



Field Data Sheet



Incidental species list:

EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Skipped point B because it's a blind corner and a hill and there was a lot of snow on the road

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: January 26, 2022 11:22 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: January 25, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 20
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 5
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D
Survey Start Time: 14:31
Survey End Time: 14:36
Representative Photos:



Field Data Sheet



Incidental species list:

EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: January 26, 2022 11:22 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 25, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 20

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 14:39

Survey End Time: 14:44

Representative Photos:



Field Data Sheet



Incidental species list:

WITU, MALL, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: January 26, 2022 11:22 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 25, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 20

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time: 14:47

Survey End Time: 14:52

Representative Photos:



Field Data Sheet



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: January 26, 2022 11:22 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: January 25, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 20

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 14:53

Survey End Time: 14:58

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 22

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Snow (Sustained/Heavy)

Est. mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: February 2, 2022 10:08 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 1, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

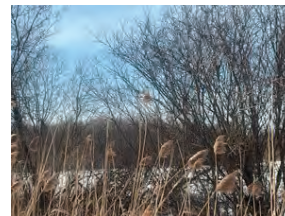
Survey Start Time: 14:46

Survey End Time: 14:51

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, SOS

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: February 2, 2022 10:08 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 1, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time: 14:53

Survey End Time: 14:58

Representative Photos:



Field Data Sheet



Incidental species list:

BLJA, NOCA, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 2, 2022 10:08 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 1, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C

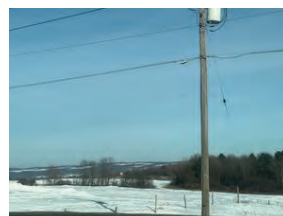
Survey Start Time: 15:00

Survey End Time: 15:05

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 2, 2022 10:08 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 1, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 15:07

Survey End Time: 15:12

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, ROPI, MALL

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: February 2, 2022 10:08 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 1, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 15:13

Survey End Time: 15:18

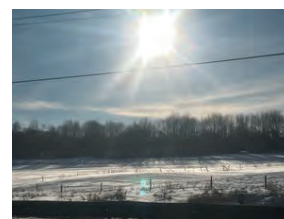
Representative Photos:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: February 2, 2022 10:08 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 1, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

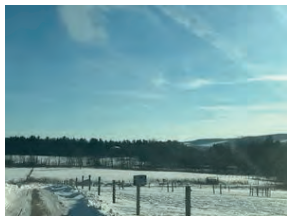
Temperature (F): 33
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: SSE
Cloud Cover: None (Clear)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 15:27
Survey End Time: 15:32
Representative Photos:



Field Data Sheet



Incidental species list:
 EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 2, 2022 10:08 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 1, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 15:35

Survey End Time: 15:40

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F): 31

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 9, 2022 10:24 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 8, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Snow (Sustained/Heavy)

Est. mean snow depth (inches): 17

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 14:40

Survey End Time: 14:45

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: February 9, 2022 10:24 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 8, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 17

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time: 14:47

Survey End Time: 14:52

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: February 9, 2022 10:24 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 8, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 28
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 17
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E
Survey Start Time: 14:54
Survey End Time: 14:59
Representative Photos:



Field Data Sheet



Incidental species list:
 EUST, AMGO, MALL, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 9, 2022 10:24 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 8, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 17

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 15:05

Survey End Time: 15:10

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, SOSP

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 9, 2022 10:24 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 8, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 17

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time: 15:13

Survey End Time: 15:18

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: February 9, 2022 10:24 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: February 8, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 17

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time: 15:21

Survey End Time: 15:26

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA, NOCA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: February 9, 2022 10:24 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: February 8, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 28
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 17
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A
Survey Start Time: 15:28
Survey End Time: 15:33
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BCCH, AMGO, TUTI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 29



Field Data Sheet

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Snow (Sustained/Heavy)
Est. mean snow depth (inches): 17
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 15, 2022 10:16 PM

Survey Information

Project Name: Blue Wind Project
Survey Date: February 15, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G
Survey Start Time: 14:45
Survey End Time: 14:50
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, CORA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 15, 2022 10:16 PM

Survey Information

Project Name: Blue Wind Project
Survey Date: February 15, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 14:53
Survey End Time: 14:58
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 15, 2022 10:16 PM

Survey Information

Project Name: Blue Wind Project

Survey Date: February 15, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 15:01

Survey End Time: 15:06

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, COGR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: February 15, 2022 10:16 PM

Survey Information

Project Name: Blue Wind Project
Survey Date: February 15, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D
Survey Start Time: 15:08
Survey End Time: 15:13
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, COGR, ROPI, AMGO, AMRO, SOSP

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 15, 2022 10:16 PM

Survey Information

Project Name: Blue Wind Project
Survey Date: February 15, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C
Survey Start Time: 15:16
Survey End Time: 15:21
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: February 15, 2022 10:16 PM

Survey Information

Project Name: Blue Wind Project
Survey Date: February 15, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B
Survey Start Time: 15:22
Survey End Time: 15:27
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA, NOCA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: February 15, 2022 10:16 PM

Survey Information

Project Name: Blue Wind Project

Survey Date: February 15, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 15:31

Survey End Time: 15:36

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, MOD0, HOFI, ATSP

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 22



Field Data Sheet

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 7
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
 Submitted Time: February 25, 2022 12:40 PM

Survey Information

Project Name: Blue Hill Solar
Survey Date: February 23, 2022
Surveyor Name: KMAB
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 29
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A
Survey Start Time: 16:02
Survey End Time: 16:08
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 28
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Snow (Intermittent/Light)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: February 25, 2022 12:41 PM

Survey Information

Project Name: Blue Hill Solar
Survey Date: February 23, 2022
Surveyor Name: KMAB
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 29
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B
Survey Start Time: 15:54
Survey End Time: 15:59
Representative Photos:



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: February 25, 2022 12:41 PM

Survey Information

Project Name: Blue Hill Solar
Survey Date: February 23, 2022
Surveyor Name: KMAB
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 29
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C
Survey Start Time: 15:48
Survey End Time: 15:53
Representative Photos:



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: February 25, 2022 12:41 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: February 23, 2022

Surveyor Name: KMAB

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 15:41

Survey End Time: 15:46

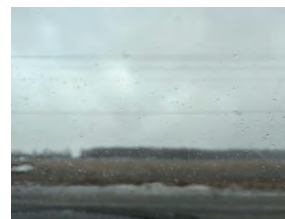
Representative Photos:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Incidental species list:

ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com

Submitted Time: February 25, 2022 12:41 PM

Survey Information

Project Name: Blue Hill Solar

Survey Date: February 23, 2022

Surveyor Name: KMAB

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 15:34

Survey End Time: 15:39

Representative Photos:



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: February 25, 2022 12:41 PM

Survey Information

Project Name: Blue Hill Solar
Survey Date: February 23, 2022
Surveyor Name: KMAB
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 29
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 15:26
Survey End Time: 15:31
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: kmalsegna@edrdpc.com
Submitted Time: February 25, 2022 12:42 PM

Survey Information

Project Name: Blue Hill Solar
Survey Date: February 23, 2022
Surveyor Name: KMAB
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 29
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G
Survey Start Time: 15:19
Survey End Time: 15:24
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 2, 2022 4:57 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 2, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 15:28

Survey End Time: 15:33

Representative Photos:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 2, 2022 4:57 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 2, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F

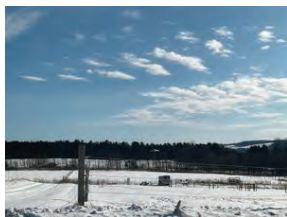
Survey Start Time: 15:36

Survey End Time: 15:41

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No



Field Data Sheet

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):

Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 2, 2022 4:57 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 2, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 15:42

Survey End Time: 15:47

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, COGR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 2, 2022 4:57 PM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 2, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 15:51

Survey End Time: 15:56

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 4, 2022 10:14 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 2, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C

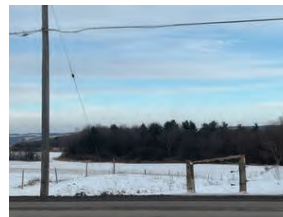
Survey Start Time: 15:57

Survey End Time: 16:02

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: March 4, 2022 10:14 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 2, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Mostly Clear (10-25%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B
Survey Start Time: 16:05
Survey End Time: 16:10
Representative Photos:



Field Data Sheet



Incidental species list:
 AMCR, NOCA, RWBL, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 4, 2022 10:14 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 2, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 16:11

Survey End Time: 16:16

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, BCCH, NOCA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 34



Field Data Sheet

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: sparker@edrdpc.com
Submitted Time: March 24, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 8, 2022

Surveyor Name: Samantha Parker-Fann

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 15:29

Survey End Time: 15:34

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, AMRO, BCCH, RWBL, MODO

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: sparker@edrdpc.com

Submitted Time: March 24, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 8, 2022

Surveyor Name: Samantha Parker-Fann

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time: 15:38

Survey End Time: 15:43

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: sparker@edrdpc.com
 Submitted Time: March 24, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 8, 2022
Surveyor Name: Samantha Parker-Fann
Survey Overall Notes:

Weather Conditions at Start of Survey

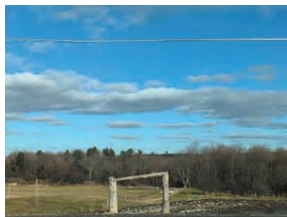
Temperature (F): 31
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C
Survey Start Time: 15:44
Survey End Time: 15:49
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: sparker@edrdpc.com
Submitted Time: March 24, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 8, 2022
Surveyor Name: Samantha Parker-Fann
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D
Survey Start Time: 15:53
Survey End Time: 15:58
Representative Photos:



Field Data Sheet



Incidental species list:

ROPI, EUST, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: sparker@edrdpc.com
Submitted Time: March 24, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 8, 2022
Surveyor Name: Samantha Parker-Fann
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E
Survey Start Time: 16:01
Survey End Time: 16:06
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: sparker@edrdpc.com

Submitted Time: March 24, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 8, 2022

Surveyor Name: Samantha Parker-Fann

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 16:08

Survey End Time: 16:13

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: sparker@edrdpc.com
 Submitted Time: March 24, 2022 10:33 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 8, 2022
Surveyor Name: Samantha Parker-Fann
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 16:15
Survey End Time: 16:20
Representative Photos:



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?



Field Data Sheet

No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 31
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: W
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 15, 2022 9:02 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 14, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow is patchy

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 16:15

Survey End Time: 16:20

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, AMRO

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 15, 2022 9:02 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 14, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow is patchy

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time: 16:22

Survey End Time: 16:27

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 15, 2022 9:02 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 14, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow is patchy

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 16:29

Survey End Time: 16:34

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: March 15, 2022 9:03 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 14, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 46
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Snow is patchy

Daytime Survey Stop

Daytime Survey Stop ID: D
Survey Start Time: 16:35
Survey End Time: 16:40
Representative Photos:



Field Data Sheet



Incidental species list:

EUST, ROPI, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 15, 2022 9:03 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 14, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow is patchy

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time: 16:43

Survey End Time: 16:48

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 15, 2022 9:03 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 14, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow is patchy

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time: 16:49

Survey End Time: 16:54

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F):



Field Data Sheet

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 15, 2022 9:03 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 14, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow is patchy

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 16:57

Survey End Time: 17:02

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, RWBL, SOSP

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 46



Field Data Sheet

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 21, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 48
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G
Survey Start Time: 16:27
Survey End Time: 16:32
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 21, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time: 16:33

Survey End Time: 16:38

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 21, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

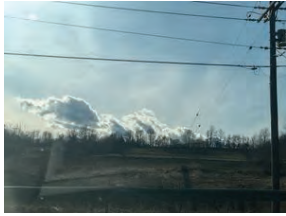
Survey Start Time: 16:46

Survey End Time: 16:51

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 21, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 16:53

Survey End Time: 16:58

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 21, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

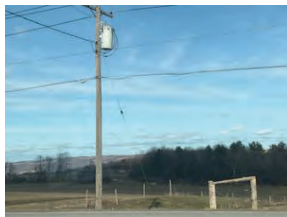
Temperature (F): 48
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Est. mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C
Survey Start Time: 17:01
Survey End Time: 17:06
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, EUST, MALL

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 21, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time: 17:10

Survey End Time: 17:15

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 21, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 17:20

Survey End Time: 17:25

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, RWBL, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F): 48

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Est. mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 28, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 18

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Snow (Intermittent/Light)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time: 17:16

Survey End Time: 17:21

Representative Photos:



Field Data Sheet



Incidental species list:

AMCR, SOSP

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 28, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 18
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: F
Survey Start Time: 17:24
Survey End Time: 17:29
Representative Photos:



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 28, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 18

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time: 17:31

Survey End Time: 17:36

Representative Photos:



Field Data Sheet



Incidental species list:

WITU, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 28, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 18

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time: 17:39

Survey End Time: 17:44

Representative Photos:



Field Data Sheet



Incidental species list:

EUST, SOSP

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):

Wind Speed (mph):

Wind Direction:

Cloud Cover:

Visibility (miles):

Precipitation: None (Clear)

Est. mean snow depth (inches):

Snow Crust Present?

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com

Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 28, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 18

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time: 17:47

Survey End Time: 17:52

Representative Photos:



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
 Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind
Survey Date: March 28, 2022
Surveyor Name: Anna Butler
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 18
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Est. mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B
Survey Start Time: 17:58
Survey End Time: 18:03
Representative Photos:



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?
 No
Were any SEOW or NOHA observed?
 No
Were any Unlisted Raptor Species Observed?
 No
Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No
Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F):
Wind Speed (mph):
Wind Direction:
Cloud Cover:
Visibility (miles):
Precipitation: None (Clear)
Est. mean snow depth (inches):
Snow Crust Present?
Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: abutler@edrdpc.com
Submitted Time: March 29, 2022 10:51 AM

Survey Information

Project Name: Blue Hill Wind

Survey Date: March 28, 2022

Surveyor Name: Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 18

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time: 18:05

Survey End Time: 18:10

Representative Photos:



Field Data Sheet



Incidental species list:

RWBL, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened/Special Concern) observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)



Field Data Sheet

Temperature (F): 17

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Snow (Sustained/Heavy)

Est. mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

APPENDIX C

Winter Raptor Survey Observations

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.

Winter Raptor Survey Report

Hoffman Falls Wind Project

Towns of Fenner, Nelson, Eaton, and Smithfield
Madison County, New York

Prepared for:



Liberty Renewables Inc.
90 State Street, Suite 700
Albany, NY 12207
<https://liberty-renewables.com/hoffmanfallswind/>

Prepared by:



Environmental Design & Research
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
www.edrdpc.com

June 2023

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ACRONYMS AND ABBREVIATIONS

EDR	Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C.
GIS	geographic information system
IPaC	Information for Planning and Consultation
MW	megawatt
NYNHP	New York Natural Heritage Program
NYSDEC	New York State Department of Environmental Conservation
ORES	New York State Office of Renewable Energy Siting
POI	point of interconnection
SGCN	species of greatest conservation need
SGCN-HP	high priority species of greatest conservation need
SSC	species of special concern
USFWS	United States Fish and Wildlife Service
WRS	Winter Raptor Survey

1.0 INTRODUCTION

Liberty Renewables Inc. (the Applicant) is planning to develop the Hoffman Falls Wind Project, a proposed wind energy generation facility (the Facility) of up to 100 megawatts (MW) located in the Towns of Fenner, Nelson, Eaton, and Smithfield in Madison County, New York (**Figure 1**). The Facility will consist of wind turbines, a point of interconnection (POI) substation, temporary construction laydown areas, access roads, and electrical collection lines.

Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C. (EDR) prepared this Winter Raptor Survey Report in support of an Application for a siting permit under New York's Accelerated Renewable Energy Growth and Community Benefit Act, Executive Law § 94-c (Section 94-c) regulations.¹ The information included in this report is intended to help the Applicant design the Facility in a manner that minimizes adverse environmental impacts. This information will also assist the New York State Office of Renewable Energy Siting (ORES) and the New York State Department of Environmental Conservation (NYSDEC) in their determination of whether occupied habitat² for one or more state-listed threatened or endangered wildlife species exists within the area under consideration to host the Facility in accordance with the requirements of Section 94-c.

1.1 Purpose of the Investigation

The purpose of this study was to document the presence and use patterns of raptor species within a defined Winter Raptor Survey (WRS) Study Area during the winter season and to identify specific habitat areas used by state-listed raptor species, including roost sites and foraging areas. The WRS Study Area consists of an approximately 2,900-acre area (**Figure 2**) that includes parcels, or portions of parcels, which have been under consideration by the Applicant for the siting of Facility components, and for which winter raptor surveys had not already been completed in a previous season.³ Within this area, some Facility components will be constructed in areas where disturbance has already occurred (e.g., agricultural fields that are used for hay and/or row crop production) in order to minimize the need for vegetation removal within natural communities. The winter raptor survey was conducted by qualified biologists following the methodology established in the August 2021 *NYSDEC Survey Protocol for State-listed Wintering Grassland Raptor Species* (NYSDEC Survey Protocol; NYSDEC, 2021). **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

¹ Chapter XVIII, Title 19 of the New York Codes, Rules and Regulations (NYCRR) Part 900. Available at: <https://ores.ny.gov/regulations>

² The New York State Endangered Species Act (Environmental Conservation Law §11-0535) and its implementing regulations at 6 New York Codes, Rules, and Regulations (NYCRR) Part 182 define occupied habitat as follows: a geographic area in New York within which a species listed as endangered or threatened in this Part has been determined by the department to exhibit one or more essential behaviors. Essential behavior refers to any of the behaviors exhibited by a species listed as endangered or threatened in this Part that are a part of its normal or traditional life cycle and that are essential to its survival and perpetuation. Essential behavior includes behaviors associated with breeding, hibernation, reproduction, feeding, sheltering, migration and overwintering.

³ As noted in correspondence with ORES and NYSDEC on October 4, 2022, the Facility now includes the previously proposed Blue Hill Wind Project (Town of Eaton, Madison County, New York). A winter raptor study was previously completed for the Blue Hill Wind Project in 2021-2022; therefore, additional field surveys in the corresponding areas were not proposed for the 2022-2023 survey period.

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1.2 Target Species and Habitat Requirements

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2.0 BACKGROUND INFORMATION

2.1 Existing Conditions

The Applicant has gathered a substantial amount of information on the existing ecological conditions within the WRS Study Area. These investigations have included developing a Wildlife Site Characterization for the Facility, plus additional desktop analyses and on-site field assessments (e.g., breeding bird surveys, raptor migration surveys). Based on these assessments, the lands currently under consideration for the Facility are primarily composed of agricultural fields, along with mixed forest, evergreen forest, woody wetlands, early successional communities, and developed land (primarily rural single-family houses, farms, and associated yards).

2.2 Agency Database Review and Consultation

As part of the Wildlife Site Characterization, EDR consulted with federal and state agencies regarding the potential presence of listed threatened or endangered species within the vicinity of the Facility. This included database review via the United States Fish and Wildlife Service (USFWS) online Information for Planning and Consultation (IPaC) system, correspondence with the New York Natural Heritage Program (NYNHP), and a pre-application consultation meeting with ORES and NYSDEC. EDR performed a review of the IPaC system for the Facility on April 6, 2021, and again on November 4, 2022. **BEGIN CONFIDENTIAL**

⁴ The public comment period for the NYSDEC's 6 NYCRR Part 182.5 Pre-proposal closed in January 2020. While the NYSDEC has not provided a specific date when the proposed list changes would become effective, it is possible that this may occur prior to Facility construction.

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In a pre-application consultation meeting held on June 11, 2021, and in an updated letter that was subsequently issued on March 6, 2023, ORES and NYSDEC indicated that the Facility is not sited within areas of previously mapped occupied habitat for any state-listed species (EDR, 2022). However, ORES and the NYSDEC recommended conducting winter raptor surveys, with a focus on open fields greater than 25 acres in size. These open areas may represent suitable habitat for grassland bird species (state-listed and others). Consultation with the appropriate agencies will be ongoing throughout the Facility design and development process to ensure that the most current information on state-listed species is being considered.

3.0 WINTER RAPTOR SURVEYS

3.1 Survey Period and Frequency

For the purposes of state-listed grassland raptor monitoring, the NYSDEC Survey Protocol defines the winter season as November 15 to March 31. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
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[REDACTED] >END CONFIDENTIAL INFORMATION Additionally, if target species are documented during the last two weeks of March, then April surveys are also required (and observations of target species in April trigger additional agency consultation). Accordingly, winter raptor surveys at the WRS Study Area were conducted beginning the week of November 14, 2022. Each survey location was surveyed approximately once per week throughout the winter season. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
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EDR biologists typically visited the WRS Study Area between three and five days per week to conduct surveys. For the stationary evening surveys, one location was surveyed by one biologist on a given evening, and surveys were typically conducted on consecutive nights during each survey week. For daytime driving route surveys, a team of two biologists typically visited each daytime survey stop in the afternoon once during each survey week. To the maximum extent practicable, in consideration of weather conditions,

surveys were conducted each week so that each station and daytime survey stop was surveyed approximately weekly throughout the winter season. Consequently, in accordance with the NYSDEC Survey Protocol, a total of at least 18 surveys were completed at each evening and daytime survey location by the end of the season.

3.2 Survey Methodology and Locations

The primary survey method consisted of regimented visual scans and observations from multiple stations in the late afternoon and evening. Stations were situated within or adjacent to open habitats, and at vantage points with clear visibility in all directions (or most directions if stations were located near the edges of target open habitats). EDR biologists used a geographic information system (GIS) to conduct a review of open fields greater than or equal to 25 acres in size within the WRS Study Area, and to identify the number and general location of stations required to adequately survey the open fields within the WRS Study Area. Prior to finalizing station locations, EDR biologists also conducted a reconnaissance-level site visit to document actual viewing conditions, and revised station locations as necessary to provide optimal views of the surrounding open field(s).

A total of 14 evening survey stations were selected for this winter raptor study (**Figure 3**). These evening survey stations were selected to provide coverage of potentially suitable open habitats within the WRS Study Area (and in some cases, adjacent lands). As shown in **Figure 3**, the evening survey stations were spaced approximately 1,000 meters or less from one another to provide maximum coverage of potentially suitable open habitats within the WRS Study Area, given access constraints. In some areas, the presence of unharvested corn, leaf-on conditions, and/or lack of parcel access permission initially limited EDR's ability to estimate the area of ground visibility. Therefore, the exact locations of stations (e.g., evening survey stations 1, 3 and 9) were further refined prior to the start of the survey period to improve coverage of open habitats. The estimated areas of ground visibility were also refined during surveys to account for winter conditions, and these field-verified viewsheds for all evening survey stations are presented in **Figure 4**.

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INFORMATION Therefore, each stationary evening survey had a minimum duration of 1.5 hours (90 minutes). Sunset times for the 2022 to 2023 season were obtained for the WRS Study Area and used to guide the start and end times for each stationary evening survey.

In addition, biologists performed daytime driving surveys by traveling along roads within and/or adjacent to the WRS Study Area and observing open habitats from the roadways at designated stops for at least 5 minutes at each location. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

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A total of 10 daytime survey stops were surveyed (**Figure 3**). All raptors or state-listed species observed at each stop were recorded, as well as observations made during travel between daytime survey stops.

Whenever possible in consideration of survey schedule requirements and land access constraints, winter raptor surveys were not conducted during inclement weather that prevented: (1) the use of the area by the two target species; (2) visibility of the survey areas; and/or (3) the accurate identification of raptor species. Inclement weather conditions included significant and sustained precipitation, fog, and/or moderate to strong winds (i.e., sustained wind speeds greater than 12 miles per hour). Weather forecasts were reviewed prior to the start of each survey week to identify the most suitable days to conduct surveys.

If inclement weather prevented surveys from being conducted as planned, surveys were re-scheduled for another day and completed as soon as possible (within the same week or the following week, if at all possible). However, given the highly variable and extreme conditions typical of the winter season, some surveys were conducted under marginal weather conditions in order to maintain the proper survey number and frequency (e.g., when all available evening survey periods in a given week had marginal weather conditions).

For all surveys, qualified, trained biologists visually scanned the surrounding habitat throughout the entirety of each survey period. Binoculars with 8x or 10x magnification and/or spotting scopes were used during visual scans to aid in the observation and identification of birds. As applicable, the following behaviors were noted for the target species and any other state-listed species observed: basking, diving, feeding, flapping, flying to or leaving a suspected roost, foraging, gliding, hovering, interacting, kiting, perching, preening, resting, roosting, soaring, stooping, vocalizing, and any probable or confirmed breeding behaviors. Suspected or confirmed roost locations were documented for state-listed endangered or threatened species. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

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CONFIDENTIAL INFORMATION Other incidental species that were heard and/or seen during survey periods were also recorded, including any other state-listed endangered or threatened species, species of special concern (SSC), high priority species of greatest conservation need (SGCN-HP), species of greatest conservation need (SGCN), and NYSDEC-identified species of interest (i.e., shrikes [*Lanius* spp.] and arctic-breeding songbird species including snow bunting [*Plectrophenax nivalis*], Lapland longspur [*Calcarius lapponicus*], and American pipit [*Anthus rubescens*]) (NYSDEC, 2015a; NYSDEC, 2015b; NYSDEC 2021). Incidental observations of state-listed species made outside of the survey period or in areas not targeted for the survey were also recorded.

Data were recorded at each evening survey station and driving survey stop using an electronic data entry platform, as well as a mobile GIS application. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

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In addition to these detailed spatial data, biologists also completed survey data sheets to document the following information:

- Survey date
- Observer name(s) or initials

- Survey type (evening stationary or daytime driving), station/stop identification number and/or code
- Start time, sunset time, and end time
- Pertinent weather conditions including air temperature, wind speed and direction, cloud cover, snow depth (if any), presence of snow crust (if any), and visibility
- Open habitat types surrounding survey locations
- Representative photographs
- Other avian species observed (including non-raptor species of interest and incidental species; note that detailed information for all raptors and state-listed species were recorded using a mobile GIS application)
- A description of any disruptions and/or distractions that occurred during the survey that may have affected the survey or avian behavior.

3.3 Data Analysis

Several metrics were calculated for each raptor species observed during the winter raptor surveys, including abundance, frequency, and spatial use. Abundance, which consists of the total number of observations, including observations of raptors in flight or perched at any distance relative to the survey location, was identified for each species. Observations were considered equivalent to individuals for the purpose of the analysis, as it is not always possible to discern among individuals of the same species during surveys (i.e., the same individuals may or may not be present at the same locations from week to week). However, in some cases, multiple features (e.g., perch point and flight path) were used to represent a single bird. In these instances, each distinct feature was considered a separate observation. Similarly, if a single feature (e.g., perch point) was used to represent multiple birds, the total number of observations equaled the total number of birds recorded for the feature. Frequency was calculated for each raptor species by dividing the number of surveys during which observations were recorded by the total number of surveys completed.

Data analysis also included a review of the spatial use across the WRS Study Area through comparison of variability in total species richness and mean species richness for each survey location. Total species richness was determined by calculating the total number of species recorded over the course of the winter season for each survey location. Mean species richness was determined by calculating the mean number of raptor species per survey recorded for each survey location. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

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⁵ 6 NYCRR Part 182.2(f) defines essential behavior as any of the behaviors exhibited by a species listed as endangered or threatened (in New York State) that are a part of its normal or traditional life cycle and that are essential to its survival and perpetuation. Essential behavior includes behaviors associated with breeding, hibernation, reproduction, feeding, sheltering, migration and overwintering.

3.4 Survey Results

A total of 265 evening stationary surveys were completed at 14 different locations throughout the survey period (totaling more than 415 survey-hours). Daytime driving route surveys were conducted on 20 different days from November 15, 2022 to April 6, 2023, with a total of 20 sets of surveys completed. **BEGIN**

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The total effort for the winter raptor study included over 26,000 survey-minutes (more than 434 survey-hours). Field data sheets for all evening stationary surveys and daytime driving route surveys are provided in **Appendix A** and **Appendix B**, respectively. **Table 1** indicates when surveys were completed throughout the survey period, along with survey effort (i.e., number of hours).

Table 1. Completed Survey Summary

Survey Location	Monthly Survey Effort ¹												Total Survey Effort by Location	
	November		December		January		February		March		April			
	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours
Evening Survey Station 1 ²	2	3.1	4	6.4	4	6.3	4	6.2	5	7.9	0	0	19	29.8
Evening Survey Station 2	2	3.3	3	4.7	5	7.5	4	6.3	5	8	0	0	19	29.8
Evening Survey Station 3	2	3.1	4	6.4	4	6.2	4	6.2	5	7.8	0	0	19	29.7
Evening Survey Station 4	2	3.2	3	4.6	5	8.1	4	6.1	4	6.6	0	0	18	28.5
Evening Survey Station 5	2	3.0	3	4.7	5	7.8	4	6.2	4	6.1	0	0	18	27.7
Evening Survey Station 6	2	3.1	4	6.1	4	6.1	4	6.3	5	7.7	0	0	19	29.2
Evening Survey Station 7	2	3.2	4	6.1	4	6.2	4	6.4	5	7.7	0	0	19	29.5
Evening Survey Station 8	2	3.2	4	6.4	4	6.3	4	6	5	8.1	1	1.6	20	31.6
Evening Survey Station 9	2	3.1	3	4.5	5	8.2	4	6.2	4	6.1	0	0	18	28.1

Survey Location	Monthly Survey Effort ¹												Total Survey Effort by Location	
	November		December		January		February		March		April			
	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours	# of Surveys	Total Hours
Evening Survey Station 10	2	3.2	3	4.7	5	8.3	4	6.1	5	7.7	0	0	19	30.0
Evening Survey Station 11	2	3.0	3	4.8	5	7.8	4	6.3	5	7.8	0	0	19	29.6
Evening Survey Station 12	2	3.4	3	4.9	5	7.8	4	6.4	5	7.7	0	0	19	30.2
Evening Survey Station 13	2	3.1	4	6.7	4	6.3	4	6.2	5	7.9	0	0	19	30.2
Evening Survey Station 14	2	3.2	4	6.4	4	6.4	4	6.5	5	7.8	1	1.7	20	31.9
Total Evening Survey Effort by Month	28	44.2	49	77.2	63	99.2	56	87.3	67	104.7	2	3.3	Season Totals	
													265	415.9
Daytime Driving Stops ³	2	1.8	4	4.4	4	4.2	4	3.9	5	4.7	1	0.2	20	19.2

¹ The number of surveys and total survey effort (hours) completed during each month.

² An alternate survey location (1A) was used for surveys conducted between mid-November and mid-December, as corn had not yet been harvested in the field containing evening survey station 1. Given the close proximity and similar coverage/visibility, these locations were considered the same for the purposes of calculations and analysis.

³ With the exception of surveys conducted in April, daytime driving route surveys consisted of five-minute point count surveys conducted at 10 different stop locations.

3.4.1 State-Listed Raptors

Throughout the winter survey season, a total of 35 observations of state-listed threatened and endangered raptors were documented (including observations recorded incidentally outside of timed surveys). **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

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> **END CONFIDENTIAL INFORMATION** In total, this species was observed for approximately 4 survey-minutes, and behaviors included foraging and flapping. No potential roost locations were identified for this species.

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> **END CONFIDENTIAL INFORMATION** No potential roost locations were identified for this species.

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General behaviors included flapping (21 observations), gliding (18 observations), soaring (nine observations), perching (five observations), interacting (four observations), feeding (one observation), and stooping (one observation). No potential roost or nest locations were identified for this species.

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INFORMATION American kestrels were observed feeding, perching, flapping, and gliding.

State-listed raptor observations are summarized in **Table 2**, and locations of observations and flight paths are illustrated in **Figure 5**. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]

[REDACTED]
 [REDACTED]
 [REDACTED] >END CONFIDENTIAL INFORMATION All winter raptor survey observations are listed in **Appendix C**.

Table 2. Summary of State-listed Raptor Observations

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Common Name	Scientific Name	Conservation Status ¹	Number of Observations ²	Sex/Age	Date(s)	Nearest Survey Location(s)	Observed Behavior(s)	Probable or Confirmed Breeding Behavior(s) ³
		Endangered	1	Unknown			Foraging and Flapping	None
		Threatened	25	Adults (unknown sex); Juveniles (unknown sex); Subadults (unknown sex); Unknown			Interacting, Feeding, Perching, Stooping, Flapping, Gliding, and Soaring;	None
		Threatened	8	Adult males; Unknown			Interacting, Foraging, Preening, Perching, Hovering, Diving, Flapping, and Gliding	None

Common Name	Scientific Name	Conservation Status ¹	Number of Observations ²	Sex/Age	Date(s)	Nearest Survey Location(s)	Observed Behavior(s)	Probable or Confirmed Breeding Behavior(s) ³
		Special Concern	9	Adults (unknown sex); Immatures (unknown sex); Unknown			Vocalizing, Perching, Flapping, and Gliding	None
		Special Concern	1	Adult (unknown sex)			Flapping and Gliding	None
		Special Concern	1	Adult (unknown sex)			Flapping	None

¹ Highest conservation status based on the List of Endangered, Threatened and Special Concern Fish & Wildlife Species of New York State (NYSDEC, 2015a).

² Includes all observations documented, including those recorded during evening surveys, daytime driving surveys, and incidentally. In some cases, multiple features (e.g., perch point and flight path) were used to represent a single bird. In these instances, each distinct feature was considered a separate observation.

³ Following New York Breeding Bird Atlas III breeding codes and definitions (eBird, 2023).

⁴ [REDACTED]

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Table 3. Summary of Observed Essential Behaviors for Focal Grassland Raptor Species

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Common Name	Scientific Name	Conservation Status ¹	Total Number of Observations ²	Total Number of Observations with Essential Behavior(s) ³	Observed Essential Behavior(s) ³
		Endangered	1	1	Foraging
		Threatened	8	6	Interacting, Foraging, and Perching

¹ Highest conservation status based on the List of Endangered, Threatened and Special Concern Fish & Wildlife Species of New York State (NYSDEC, 2015a).

² Includes all observations documented, including those recorded during evening surveys, daytime driving surveys, and incidentally.

³ 6 NYCRR Part 182.2(f) defines essential behavior as any of the behaviors exhibited by a species listed as endangered or threatened (in New York State) that are a part of its normal or traditional life cycle and that are essential to its survival and perpetuation. Essential behavior includes behaviors associated with breeding, hibernation, reproduction, feeding, sheltering, migration and overwintering.

>END CONFIDENTIAL INFORMATION

3.4.2 Other Raptors and Summary Metrics

The remaining raptor observations included red-tailed hawks (*Buteo jamaicensis*; 197 observations), turkey vultures (*Cathartes aura*; 16 observations), rough-legged hawks (*Buteo lagopus*; six observations), great horned owls (*Bubo virginianus*; five observations), barred owls (*Strix varia*; three observations), American kestrels (two observations), unknown buteos (*Buteo* spp.; three observations), and unknown raptors (two observations).

Red-tailed hawks were observed at all but two of the evening survey stations, and at all daytime driving survey stops. A total of 64 observations were made during evening stationary surveys, a total of 112 observations were made during daytime driving surveys, and 21 observations were made incidentally. Red-tailed hawks were often observed flapping, gliding, perching, soaring, and vocalizing. Red-tailed hawks were also observed interacting, resting, foraging, kiting, preening, diving, basking, and exhibiting agitated behavior. Four observations of a pair in suitable habitat were also recorded.

Turkey vultures were observed at evening survey stations 3 and 13, and at daytime driving stops A, F, G, I, and J. One observation was made during evening stationary surveys, a total of 14 observations were made during daytime driving surveys, and one observation was made incidentally. Turkey vultures were typically observed flapping, gliding, and soaring. Turkey vultures were also observed interacting with conspecifics and red-tailed hawks.

Rough-legged hawks were observed at evening station 7, and at daytime driving stops A, B, C, and H. One observation was made during evening stationary surveys, and a total of five observations were made during daytime driving surveys. Rough-legged hawks were typically observed flapping, gliding, and foraging. Rough-legged hawks were also observed hovering, soaring, interacting, and kiting.

Great horned owls were observed at evening stations 7 and 14, and no observations were recorded at daytime driving stops. All five observations occurred during evening stationary surveys. All great horned owl observations were auditory only, and behaviors included singing and vocalizing from nearby/adjacent wooded areas.

Barred owls were observed at evening station 4, and no observations were recorded at daytime driving stops. All three observations occurred during evening stationary surveys. All barred owl observations were auditory only, and behaviors included vocalizing and countersinging from nearby/adjacent wooded areas.

Unknown buteos were observed at evening station 11 and daytime driving stop B. Observed behaviors included gliding, flapping, diving, and perching. These raptors could not be identified to the species level due to distance relative to the observer(s).

Unknown raptors were observed at evening station 13. Observed behaviors included flapping and gliding. The surveyor noted that these raptors were probably red-tailed hawks based on size and light undersides.

The red-tailed hawk was the most abundant raptor species recorded over the survey season, with 197 total observations, representing approximately 71% of all raptor observations. **BEGIN CONFIDENTIAL INFORMATION**< [REDACTED]

[REDACTED]>**END CONFIDENTIAL INFORMATION** The red-tailed hawk was the most frequently observed raptor species over the survey season; this species was observed during 31 of the total 265 evening surveys conducted (11.7%). **BEGIN CONFIDENTIAL INFORMATION**< [REDACTED]

[REDACTED]>**END CONFIDENTIAL INFORMATION**

A summary of all raptors observed within the WRS Study Area during the winter survey season is provided below in **Table 4**. All winter raptor survey observations are listed in **Appendix C**.

Table 4. Summary of Raptors Observed During the Winter Raptor Survey

BEGIN CONFIDENTIAL INFORMATION <

Common Name	Scientific Name	Date(s) Observed	Total Observations ¹	Frequency ²
Unknown Raptor	n/a	February 1, 2023	2	0.4%
[REDACTED]			9	1.5%
[REDACTED]			1	0.4%
[REDACTED]			1	0.4%
[REDACTED]			8	1.1%
Buteos				
Red-tailed Hawk	<i>Buteo jamaicensis</i>	November 15, 2022 to April 6, 2023	197	11.7%
Rough-legged Hawk	<i>Buteo lagopus</i>	December 5, 2022 to February 7, 2023	6	0.4%
Unknown Buteo	<i>Buteo</i> spp.	December 30, 2022 and February 15, 2023	3	0.4%
Owls				
[REDACTED]			1	0.4%
Great Horned Owl	<i>Bubo virginianus</i>	December 21, 2022 to February 14, 2023	5	1.9%
Barred Owl	<i>Strix varia</i>	March 16, 2023 and March 17, 2023	3	0.8%
Falcons				
American Kestrel	<i>Falco sparverius</i>	March 6, 2023 and March 28, 2023	2	0.4%
[REDACTED]			25	3.8%
Vultures				
Turkey Vulture	<i>Cathartes aura</i>	February 15, 2023 to April 6, 2023	16	0.4%

¹ Includes all observations made during evening surveys, daytime driving surveys, and incidentally while on-site during the survey period. Does not include observations made prior to the start of the winter season (e.g., raptors observed incidentally by EDR personnel during other types of fieldwork that occurred prior to the start of surveys, or raptors observed during on-site breeding bird surveys).

² The percentage of evening surveys during which the species was recorded.

>END CONFIDENTIAL INFORMATION

Overall, evening survey station 3 had the highest raptor abundance, with 13 raptor observations recorded throughout survey season, while evening survey station 5 had the lowest raptor abundance, with one raptor observation recorded throughout the season. Evening survey station 4 had the highest total raptor species richness, with four raptor species detected during the survey season, while evening survey stations 2 and 5 had the lowest total raptor species richness, with one raptor species observed during the survey season.

Evening survey station 7 had the highest mean raptor species richness at 0.5 species per survey, followed by evening survey stations 4 and evening survey stations 2, 3, and 11 (all with 0.3 raptor species per survey). Evening survey station 1 the lowest mean raptor species richness at 0.1 raptor species per survey. A summary of raptor metrics for each evening survey station is provided in **Table 5**.

Table 5. Summary of Raptor Metrics for Evening Survey Stations

Evening Survey Station	Primary Open Habitat Type(s) ¹	Number of Evening Surveys	Abundance ²	Total Species Richness ³	Mean Species Richness ⁴
1 ⁵	Row Cropland (Harvested); Wetland; Pastureland	19	12	2	0.1
2	Row Cropland (Harvested); Row Cropland (Unharvested)	19	9	1	0.3
3	Row Cropland (Harvested); Field Cropland; Pastureland	19	13	2	0.3
4	Field Cropland; Row Cropland (Harvested)	18	8	4	0.3
5	Field Cropland; Row Cropland (Harvested)	18	1	1	0.1
6	Field Cropland; Pastureland; Row Cropland (Harvested); Successional Old Field	19	9	2	0.2

Evening Survey Station	Primary Open Habitat Type(s) ¹	Number of Evening Surveys	Abundance ²	Total Species Richness ³	Mean Species Richness ⁴
7	Field Cropland; Row Cropland (Harvested); Pastureland; Successional Shrubland	19	9	3	0.5
8	Field Cropland; Row Cropland (Harvested); Pastureland	20	7	3	0.3
9	Row Cropland (Harvested)	18	3	2	0.2
10	Row Cropland (Unharvested)	19	4	2	0.2
11	Row Cropland (Harvested); Field Cropland; Pastureland; Successional Shrubland	19	8	3	0.3
12	Row Cropland (Harvested); Successional Old Field; Row Cropland (Unharvested)	19	6	2	0.2
13	Field Cropland; Row Cropland (Harvested); Wetland	19	10	2	0.2
14	Row Cropland (Harvested); Field Cropland; Pastureland	20	4	3	0.2

¹ Includes both on- and off-site open habitat types visible from the evening survey station.

² The total number of raptors observed from the evening survey station throughout the survey period, including raptors that could not be identified to the species level.

³ The total number of raptor species observed from the evening survey station throughout the survey period, excluding raptors that could not be identified to the species level.

⁴ The mean number of raptor species observed during surveys conducted at the evening survey station, excluding raptors that could not be identified to the species level.

⁵ An alternate survey location (1A) was used for surveys conducted between mid-November and mid-December, as corn had not yet been harvested in the field containing evening survey station 1. Given the close proximity and similar coverage/visibility, these locations were considered the same for the purposes of calculations and analysis.

3.4.3 Incidental Observations of Non-Raptor Species

In addition to the raptor observations described in Sections 3.4.1 and 3.4.2, incidental observations of non-raptor species were also recorded. Refer to **Appendices A and B**, which consist of the survey data sheets with incidental observations of non-raptor species recorded for each survey. Species abbreviations are based on standardized four-letter American Ornithologists' Union (AOU) alpha codes defined by the Institute for Bird Populations (Pyle and DeSante, 2022).

Most of the incidental observations were of relatively common passerines, woodpeckers, and waterfowl. However, various non-raptor species of interest were observed, including non-raptor state-listed SSC, non-raptor SGCN-HP and SGCN, and arctic-breeding songbirds. Given that these species are not currently listed as endangered or threatened in New York, they are not subject to the same regulatory requirements under Section 94-c or 6 NYCRR Part 182; however, the NYSDEC Survey Protocol recommends recording and reporting observations of these species. State-listed non-raptor SSC observations are illustrated in **Figure 7**. A brief summary of non-raptor species of interest is presented as follows:

- **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]
[REDACTED]
[REDACTED] **>END CONFIDENTIAL INFORMATION** Behaviors included feeding, vocalizing, foraging, interacting, perching, gliding, and flapping, but no nest locations were identified within the WRS Study Area during the winter survey period.
- The eastern meadowlark (*Sturnella magna*), an SGCN-HP, was observed near evening survey station 8 on March 28, 2023, and at daytime driving stop G on April 6, 2023. However, no nest locations were identified within the WRS Study Area.
- Approximately seven adult American woodcocks (*Scolopax minor*; SGCN) were observed displaying and vocalizing at evening stations 9, 10, and 12 during the month of March 2023. However, no nest locations were identified within the WRS Study Area.
- The snow bunting (*Plectrophenax nivalis*), an arctic-breeding songbird species, was observed several times throughout the survey period at evening survey stations 2, 3, 4, 6, 10, 13, as well as at daytime driving stop H. This species does not nest in New York (Cornell Lab, 2023c).

4.0 SUMMARY AND CONCLUSIONS

BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED]
[REDACTED] >END CONFIDENTIAL INFORMATION A total of 265 evening stationary surveys and 19 full sets of daytime driving route surveys were conducted, totaling more than 26,000 survey-minutes (more than 434 survey-hours). Each evening survey station was surveyed between 18 and 20 times during the winter season. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED]
[REDACTED] >END CONFIDENTIAL INFORMATION Therefore, in accordance with the NYSDEC Survey Protocol, additional survey work was performed for the associated survey locations in April, with the final survey of the season conducted on April 6, 2023.

Over the course of the winter season, a total of 279 raptors were observed, representing 11 different species. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED]
[REDACTED] >END CONFIDENTIAL INFORMATION The remaining raptor observations were primarily red-tailed hawks and turkey vultures, but also included six observations of rough-legged hawks, five observations of great horned owls, three observations of barred owls, three observations of unknown buteos, and two observations of unknown raptors. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED]
[REDACTED] >END CONFIDENTIAL INFORMATION Of the more than 26,000 survey-minutes, state-listed threatened or endangered species were observed for approximately 122 survey-minutes, equating to approximately 0.5% of the total survey effort.

BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED]
[REDACTED] >END CONFIDENTIAL INFORMATION The observed behaviors included flapping and foraging. Although this species was observed foraging on a single date, the lack of additional or repeated observations suggests minimal use of the WRS Study Area by this species.

BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED] >END CONFIDENTIAL INFORMATION No probable or confirmed breeding behaviors, suspected nest locations, or suspected roost locations were identified for this species, and habitat use during the winter season appeared to be relatively infrequent and/or inconsistent. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
[REDACTED]
[REDACTED] >END
CONFIDENTIAL INFORMATION

BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED]

[REDACTED] >END CONFIDENTIAL INFORMATION Essential behaviors observed included feeding, but no suspected winter roost sites or nest locations were identified for this species.

BEGIN CONFIDENTIAL INFORMATION < [REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED] >END CONFIDENTIAL INFORMATION

The studies conducted for the Facility to date to document on-site use by state-listed wintering grassland raptors have been effective in characterizing potential impacts to the target species, and additional study work is not recommended. BEGIN CONFIDENTIAL INFORMATION < [REDACTED]

[REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED] >END CONFIDENTIAL INFORMATION

5.0 REFERENCES

BEGIN CONFIDENTIAL INFORMATION <

[REDACTED]

[REDACTED]

[REDACTED]

>END CONFIDENTIAL INFORMATION

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BEGIN CONFIDENTIAL INFORMATION <

[REDACTED]

[REDACTED]

>END CONFIDENTIAL INFORMATION

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NYSDEC. 2021. *Survey Protocol for State-listed Wintering Grassland Raptor Species*.

BEGIN CONFIDENTIAL INFORMATION <

[REDACTED]

[REDACTED]

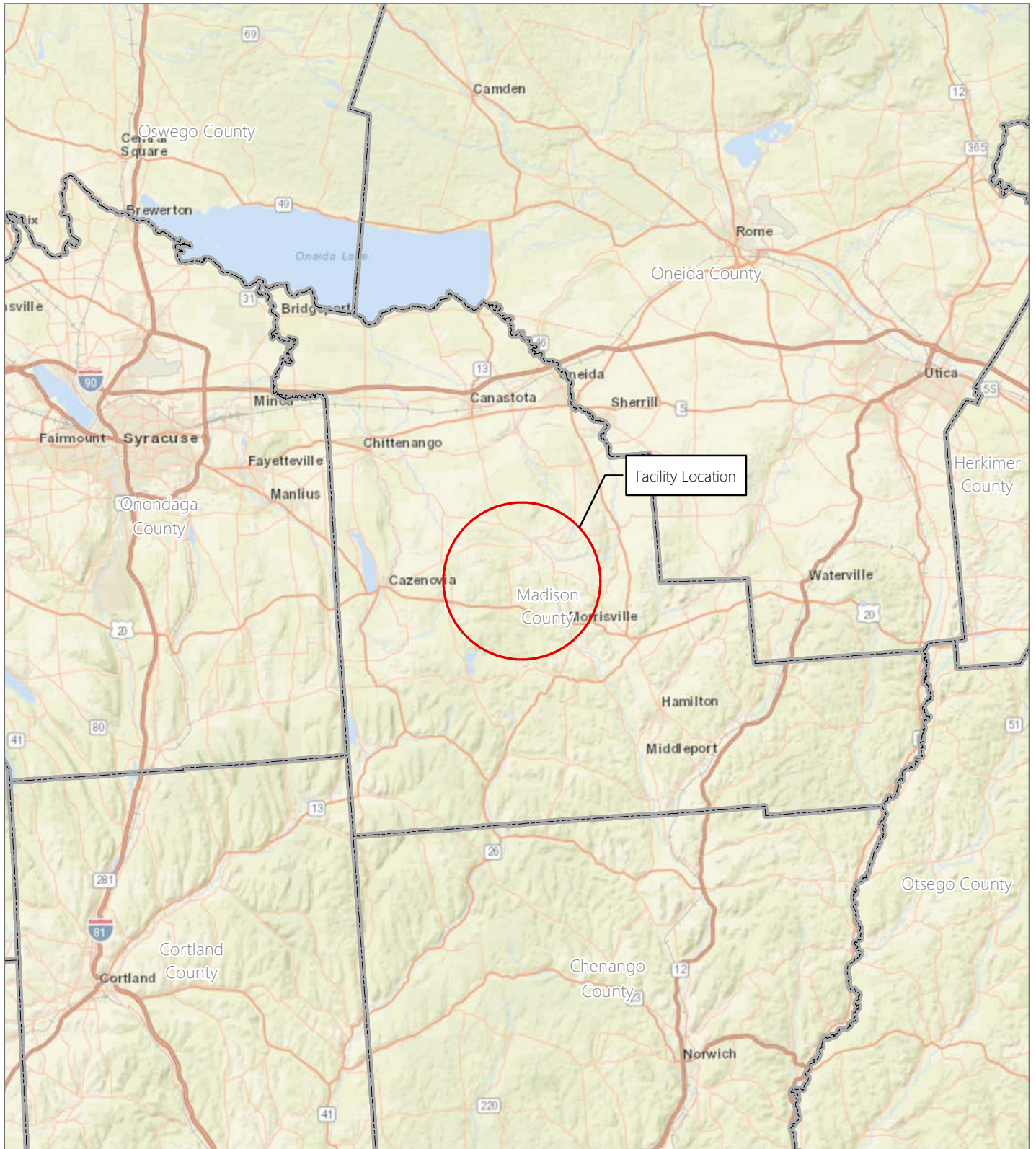
>END CONFIDENTIAL INFORMATION

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sorted alphabetically by English name. The Institute for Bird Populations. Available at:
https://www.birdpop.org/docs/misc/Alpha_codes_eng.pdf (Accessed June 2023).

FIGURES

Figure 1. Regional Facility Location



Hoffman Falls Wind Project

Towns of Fenner, Nelson, Eaton, and Smithfield,
Madison County, New York

Winter Raptor Survey Report



This figure has been redacted from this publicly available document because it contains protected/confidential information regarding the proposed facility location and/or the detailed locations of NYS threatened or endangered species.

This figure has been redacted from this publicly available document because it contains protected/confidential information regarding the proposed facility location and/or the detailed locations of NYS threatened or endangered species.

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This figure has been redacted from this publicly available document because it contains protected/confidential information regarding the proposed facility location and/or the detailed locations of NYS threatened or endangered species.

APPENDIX A

Evening Survey Data Sheets



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: November 14, 2022 8:17 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 14, 2022
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 3
Survey Start Time (hhmm 24hr): 1,533
Sunset Time (hhmm 24hr): 1,640
Survey End Time (hhmm 24h): 1,710

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)
Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Field Cropland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: Flurries
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 29
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: Flurries
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

Page 3 of 1062



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG AMCR MODO

Surveyor initials:
AL

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

Page 4 of 1062



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: November 15, 2022 6:23 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 15, 2022
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 6
Survey Start Time (hhmm 24hr): 1,540
Sunset Time (hhmm 24hr): 1,640
Survey End Time (hhmm 24h): 1,712

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland
Secondary Open Field Cover Type:
Pastureland
Third Open Field Cover Type:
Row Cropland Active (Unharvested)
Fourth Open Field Cover Type:
Row Cropland Active (Harvested)
Fifth Open Field Cover Type:
Successional Old Field

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Scattered patches of snow. Not covering the whole area.

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: ESE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Flurries started during the survey.
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMRO AMCR PIWO WBNU CANG BLJA HAWO CEDW

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com
Submitted Time: November 15, 2022 7:36 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 15, 2022
Surveyor First and Last Name(s): Jess Tatten
Survey Location Name: 11
Survey Start Time (hhmm 24hr): 1,539
Sunset Time (hhmm 24hr): 1,639
Survey End Time (hhmm 24h): 1,709

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland
Secondary Open Field Cover Type:
Row Cropland Active (Harvested)
Third Open Field Cover Type:
Pastureland
Fourth Open Field Cover Type:
Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Data Sheet



Field Data Sheet





Field Data Sheet



Field Condition Notes:

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)



Field Data Sheet

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 BCCH, DOWO, AMRO, PIWO, BLJA, EABL, RWBL, CORA, CANG

Surveyor initials:
 JT

Overall Survey Notes (if needed):
 No raptors



Field Data Sheet

Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Light dusting if snow less than one inch

Weather Conditions at End of Survey

Temperature (F): 31
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Very light snow flurries near end of survey
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com
 Submitted Time: November 16, 2022 10:31 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 15, 2022
Surveyor First and Last Name(s): Max Baber
Survey Location Name: 4
Survey Start Time (hhmm 24hr): 1,540
Sunset Time (hhmm 24hr): 1,640
Survey End Time (hhmm 24h): 1,710

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland

Secondary Open Field Cover Type:
 Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: ESE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 33
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? Yes
Weather Change Notes: Light snow 1624-1631

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:
 CANG, AMCR, BLJA, AMGO, DOWO, BCCH, MALL

Surveyor initials:
 MDB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: November 16, 2022 4:04 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 15, 2022
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 5
Survey Start Time (hhmm 24hr): 1,540
Sunset Time (hhmm 24hr): 1,640
Survey End Time (hhmm 24h): 1,710

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Patchy snow

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Slight light snow during survey, clear again by end
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 CANG

Surveyor initials:
 AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
 Submitted Time: November 15, 2022 7:05 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 15, 2022
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 9
Survey Start Time (hhmm 24hr): 1,543
Sunset Time (hhmm 24hr): 1,641
Survey End Time (hhmm 24h): 1,711

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Wet corn field

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: E

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 30

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ESE

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, DOWO, EUST, AMCR, AMGO, BCCH, WBNU

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: November 16, 2022 8:11 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 16, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,534

Sunset Time (hhmm 24hr): 1,640

Survey End Time (hhmm 24h): 1,710

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Row Cropland Active (Unharvested)

Third Open Field Cover Type:
Field Cropland

Fourth Open Field Cover Type:
Successional Old Field

Fifth Open Field Cover Type:
Wetland

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Corn not harvested

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes: Snow less than 1 inch but hardened into icy crust

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes: Snow crust present but snow depth less than 1 inch

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

DEJU, CANG, DOWO, ATSP, FOSP, NOCA

Surveyor initials:

JT

Overall Survey Notes (if needed):

Quiet evening. Corn not harvested. Did survey from 1A

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: November 17, 2022 6:16 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 17, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,639

Survey End Time (hhmm 24h): 1,709

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
WBNU CANG AMRO GBHE AMCR DEJU

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? Yes

Weather Notes: Some scattered snow left but less than an inch dep.

Weather Conditions at End of Survey

Temperature (F): 30

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: November 17, 2022 7:06 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 17, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,527

Sunset Time (hhmm 24hr): 1,640

Survey End Time (hhmm 24h): 1,710

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:
AMCR, DOWO, BLJA, EUST, CANG, AMRO, HERG,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Corn

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow scattered in field with bare ground

Weather Conditions at End of Survey

Temperature (F): 31

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Heavy winds entire survey

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: November 18, 2022 6:20 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 18, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,531

Sunset Time (hhmm 24hr): 1,638

Survey End Time (hhmm 24h): 1,708

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Old Field

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
ROPI AMRO PIWO CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Tractor using field to the west of the road during part of the survey.

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Snow starting to accumulate but less than an inch deep. Light but steady snow, affecting visibility.

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: More snow accumulated. More even snow covering over the area.

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: November 18, 2022 7:14 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 18, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,525

Sunset Time (hhmm 24hr): 1,639

Survey End Time (hhmm 24h): 1,709

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Row Cropland Active (Harvested)

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 30
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WSW
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 AMCR, BLJA, CANG

Surveyor initials:
 FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
 Submitted Time: November 21, 2022 10:18 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 21, 2022
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 14
Survey Start Time (hhmm 24hr): 1,526
Sunset Time (hhmm 24hr): 1,637
Survey End Time (hhmm 24h): 1,707

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
 Field Cropland

Third Open Field Cover Type:
 Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, CANG, AMRO, BHCO, MODO, UNDU (unknown duck), DOWO

Surveyor initials:
FS

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Segregated fields of corn adjacent to successional woodlot, small patch of successional old field to the NW

Weather Conditions at Start of Survey

Temperature (F): 39

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SSE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Scattered spots of snow, no more than 1 inch at thickest point. Bare ground 60%; snow 40%

Weather Conditions at End of Survey

Temperature (F): 36

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Same weather as before

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: November 23, 2022 11:20 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 22, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,635

Survey End Time (hhmm 24h): 1,705

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

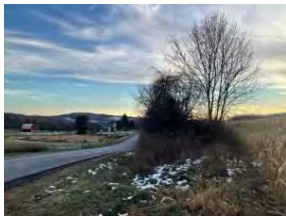
Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Data Sheet



Field Condition Notes:

Tall corn still unharvested so surveyed from location 1A.

Weather Conditions at Start of Survey

Temperature (F): 40

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Scattered snow patches but less than an inch deep.

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S



Field Data Sheet

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

BLJA MODO AMCR DEJU RWBL RBWO CANG WBNU NOCA BCCH AMRO FOSP GBHE WTSP

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: November 28, 2022 10:08 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 22, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,521

Sunset Time (hhmm 24hr): 1,634

Survey End Time (hhmm 24h): 1,704

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Data Sheet



Field Condition Notes:

Primary cover type hayfield and clover; harvested corn fields are distant but visible

Weather Conditions at Start of Survey

Temperature (F): 41

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 38

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SW



Field Data Sheet

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

CANG, AMCR, BLJA, BCCH, EUST, NOFL

Surveyor initials:

MDB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: November 23, 2022 6:17 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 23, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,532

Sunset Time (hhmm 24hr): 1,635

Survey End Time (hhmm 24h): 1,705

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH AMRO RBWO CANG BLJA WBNU MODO

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com
Submitted Time: November 28, 2022 6:32 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 28, 2022
Surveyor First and Last Name(s): Jess Tatten
Survey Location Name: 10
Survey Start Time (hhmm 24hr): 1,530
Sunset Time (hhmm 24hr): 1,630
Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, WBNU, CANG, AMGO

Surveyor initials:
JT

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Visibility impacted slightly by snow and clouds

Weather Conditions at End of Survey

Temperature (F): 33
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: N
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Sleet Wintry Mix
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Mixed on and off precipitation throughout survey. Sleet very heavy last 10 min of survey
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
Submitted Time: November 28, 2022 6:49 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 28, 2022
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 6
Survey Start Time (hhmm 24hr): 1,527
Sunset Time (hhmm 24hr): 1,633
Survey End Time (hhmm 24h): 1,703

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Less than 1 inch, steady snow, more than flurry

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NNW
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? Yes
Weather Change Notes: Snow stopped from 1600 to 1645.

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: November 29, 2022 8:28 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 29, 2022
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 7
Survey Start Time (hhmm 24hr): 1,524
Sunset Time (hhmm 24hr): 1,631
Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)
Secondary Open Field Cover Type:
Field Cropland
Third Open Field Cover Type:
Successional Old Field
Fourth Open Field Cover Type:
Wetland
Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR PIWO CANG BCCH

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com

Submitted Time: November 30, 2022 8:44 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: November 29, 2022
Surveyor First and Last Name(s): Jess Tatten
Survey Location Name: 11
Survey Start Time (hhmm 24hr): 1,530
Sunset Time (hhmm 24hr): 1,630
Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland

Secondary Open Field Cover Type:
 Pastureland

Third Open Field Cover Type:
 Row Cropland Active (Harvested)

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BLJA, CANG, AMRO, HAWO

Surveyor initials:
JT

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: November 30, 2022 12:25 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 29, 2022

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,531

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMBL, CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: No precipitation overhead, but rain/snow out across horizon that decreased visibility

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: November 30, 2022 1:25 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 29, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,522

Sunset Time (hhmm 24hr): 1,632

Survey End Time (hhmm 24h): 1,702

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Successional Old Field

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, AMGO, AMRO, BCCH, DEJU, DOWO, BLJA, CANG

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: November 30, 2022 8:35 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 30, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,529

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Rain

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 37

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Sleet Wintry Mix

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Rain stopped/became extremely light in the middle of the survey. Started to rain much more heavily and became an icy mix right at the end (about the last 5 mins).



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

CANG EABL

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com

Submitted Time: December 1, 2022 9:18 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 30, 2022

Surveyor First and Last Name(s): Jess Tatten

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR

Surveyor initials:
JT

Overall Survey Notes (if needed):
Parked on two track farm road at NW Edge of field to do roadside survey due to weather and no better pull off on road due to ditches

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 40

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Rain (Sustained/Heavy)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Heavy rain, very windy at start of survey

Weather Conditions at End of Survey

Temperature (F): 38

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Rain stopped at 13:55 and picked back up as light rain at 14:50

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Rain ended at 13:55

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: December 1, 2022 10:39 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 30, 2022

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR, BCCH, DOWO, ROPI

Surveyor initials:
MDB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WSW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Rain (Sustained/Heavy)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 38

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Intermittent rain over course of survey; snow started at 1656.

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 1, 2022 6:06 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 1, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,524

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Light covering of snow in some areas but less than in inch.

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG MODO

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: December 1, 2022 8:32 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 1, 2022

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR, DOWO, BCCH, BLJA

Surveyor initials:
MDB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 2, 2022 6:13 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 2, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,524

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
DEJU EUST CANG ROPI AMCR

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SSE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 5, 2022 6:02 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 5, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,518

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG AMCR NOCA MODO DEJU

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Surveyed from 1A since the field is still unharvested.

Weather Conditions at Start of Survey

Temperature (F): 41

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 37

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 6, 2022 10:09 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 5, 2022

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 9

Survey Start Time (hhmm 24hr): 1,529

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
NOCA, AMRO, MODO

Surveyor initials:
AB

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 41

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 6, 2022 4:04 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 5, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,520

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

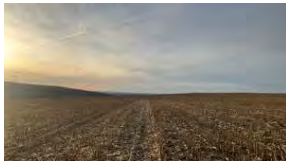
Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR, MALL, DEJU, ROPI, EUST, BLJA

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 40

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 6, 2022 7:51 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 6, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,529

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Row Cropland Active (Harvested)

Fourth Open Field Cover Type:
Successional Old Field

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH CANG DEJU

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Fog

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Slight misty precipitation.

Weather Conditions at End of Survey

Temperature (F): 45

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 7, 2022 3:27 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 6, 2022

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,529

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 45

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 7, 2022 6:01 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 7, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,524

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Row Cropland Active (Harvested)

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST CANG RBWO

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Fog

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some misty precipitation.

Weather Conditions at End of Survey

Temperature (F): 45

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 7, 2022 7:13 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 7, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,521

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:
Successional Shrubland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Fog
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Very slight drizzle with fog

Weather Conditions at End of Survey

Temperature (F): 44
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Drizzle
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 BCCH, AMCR, BLJA, CANG

Surveyor initials:
 FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: December 8, 2022 10:40 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: December 7, 2022
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 2
Survey Start Time (hhmm 24hr): 1,529
Sunset Time (hhmm 24hr): 1,629
Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 47

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Fog

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Fog and drizzle

Weather Conditions at End of Survey

Temperature (F): 45

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Fog

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Fog and drizzle

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, DEJU, MALL

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 8, 2022 7:07 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 8, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BLJA AMCR CANG DEJU SOSPO MODO

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Sleet Wintry Mix

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Sleet turned into rain, which stopped in the middle of the survey. Some intermittent rain afterwards.

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 9, 2022 8:03 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 9, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,524

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR EUST ROPI PIWO CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NNW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
Submitted Time: December 12, 2022 12:13 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: December 9, 2022
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 12
Survey Start Time (hhmm 24hr): 1,520
Sunset Time (hhmm 24hr): 1,630
Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Successional Old Field

Third Open Field Cover Type:

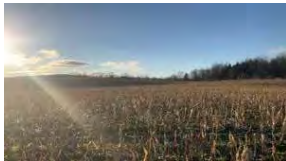
Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BLJA, BCCH, NOCA, DEJU, CANG

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 30
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: December 12, 2022 6:02 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: December 12, 2022
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 1
Survey Start Time (hhmm 24hr): 1,524
Sunset Time (hhmm 24hr): 1,630
Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

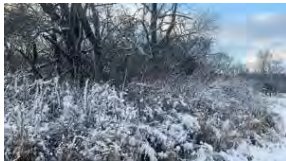
Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
DEJU, BCCH, AMRO, RBWO, CANG, MODO, NOCA, TUTI

Surveyor initials:
JT

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 24

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: N

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 21

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: N

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 12, 2022 7:14 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 12, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,524

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 24

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 23

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 13, 2022 6:14 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 13, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

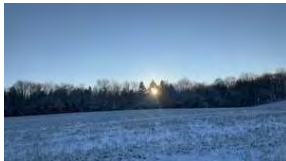
Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 23

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 22

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 13, 2022 8:47 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 13, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,527

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Pastureland

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Row Cropland Active (Harvested)

Fourth Open Field Cover Type:
Successional Old Field

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 23

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

WBNU BCCH CANG DEJU HAWO

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com

Submitted Time: December 14, 2022 9:06 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 13, 2022

Surveyor First and Last Name(s): Jess Tatten

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,528

Sunset Time (hhmm 24hr): 1,628

Survey End Time (hhmm 24h): 1,702

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Successional Shrubland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
PIWO, CANG

Surveyor initials:
JT

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 24

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: December 14, 2022 9:48 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 13, 2022

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,529

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
CANG, NOCA, DOWO, BCCH, BLJA, AMCR

Surveyor initials:
MDB

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 24

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 14, 2022 6:07 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 14, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,510

Sunset Time (hhmm 24hr): 1,630

Survey End Time (hhmm 24h): 1,700

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST CANG BCCH WBNU AMCR

Surveyor initials:
AL

Overall Survey Notes (if needed):
Incidentally observed rtha close to point 10 on the way to 14 as well. (Created a track and point for it in Collector)



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 23

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 19

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 16, 2022 10:20 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 14, 2022

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,529

Sunset Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24h): 1,659

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, AMGO, CANG

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 18

Snow Crust Present? Yes

Weather Notes: Verythin crust. Snow up to 36 inches is snow drift spots

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 18

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 20, 2022 12:21 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 19, 2022

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,531

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMRO, MODO, MALL

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes: Flurries ceased right before survey ended

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 20, 2022 2:46 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 19, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,526

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
DEJU BCCH CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 20, 2022 6:12 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 20, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,531

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Field Cropland

Fourth Open Field Cover Type:
Successional Old Field

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH AMCR RBWO DOWO DEJU CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: Flurries
Estimated mean snow depth (inches): 12
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 25
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 12
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
Submitted Time: December 20, 2022 7:15 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: December 20, 2022
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 12
Survey Start Time (hhmm 24hr): 1,527
Sunset Time (hhmm 24hr): 1,632
Survey End Time (hhmm 24h): 1,702

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Successional Old Field

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, BCCH, MODO, CANG, AMCR, AMGO

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 14
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NNW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 14
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com
Submitted Time: December 20, 2022 7:31 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: December 20, 2022
Surveyor First and Last Name(s): Jess Tatten
Survey Location Name: 8
Survey Start Time (hhmm 24hr): 1,531
Sunset Time (hhmm 24hr): 1,631
Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, MODO, CANG

Surveyor initials:
JT

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: N

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 8

Snow Crust Present? No

Weather Notes: Parts of field 12+ inches of snow in snow drifts

Weather Conditions at End of Survey

Temperature (F): 25

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: N

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 8

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 22, 2022 11:37 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 20, 2022

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,531

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 12
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 24
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 12
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
Submitted Time: December 21, 2022 7:08 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: December 21, 2022
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 4
Survey Start Time (hhmm 24hr): 1,529
Sunset Time (hhmm 24hr): 1,633
Survey End Time (hhmm 24h): 1,703

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
BCCH EUST AMCR PIWO CANG SNBU

Surveyor initials:
AL

Overall Survey Notes (if needed):
Incidentally observed SNBU while traveling to this point. Recorded in Collector near point H.



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 12

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 12

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com

Submitted Time: December 22, 2022 9:16 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 21, 2022

Surveyor First and Last Name(s): Jess Tatten

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,531

Sunset Time (hhmm 24hr): 1,631

Survey End Time (hhmm 24h): 1,701

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Successional Shrubland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, CANG, ATSP, NOCA

Surveyor initials:
JT

Overall Survey Notes (if needed):
RLHA, GHOW



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 12
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 29
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 12
Snow Crust Present? Yes
Weather Notes: Snow up to 24 inches un some areas
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 22, 2022 11:37 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: December 21, 2022
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 3
Survey Start Time (hhmm 24hr): 1,532
Sunset Time (hhmm 24hr): 1,632
Survey End Time (hhmm 24h): 1,702

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, EUST

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WSW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 6
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 29
Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: WSW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 6
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: December 22, 2022 11:34 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: December 22, 2022
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 9
Survey Start Time (hhmm 24hr): 1,532
Sunset Time (hhmm 24hr): 1,632
Survey End Time (hhmm 24h): 1,704

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 12

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 12

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Steady snow turned into rain later on in the survey.



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR BCCH CANG AMRO NOCA

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 27, 2022 4:23 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 22, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,633

Survey End Time (hhmm 24h): 1,703

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Pictures taken at roadside at start of survey due to rain.

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Sleet Wintry Mix

Estimated mean snow depth (inches): 24

Snow Crust Present? No

Weather Notes: Heavy wintry mix turning into snow around 1600.

Weather Conditions at End of Survey

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 18

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Wintry mix turned to snow around 1600 . Snow stopped at 1645

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 27, 2022 7:12 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 27, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,523

Sunset Time (hhmm 24hr): 1,636

Survey End Time (hhmm 24h): 1,706

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO, DOWO, BCCH, BLJA, AMCR, PIWO, DEJU, WITU, CANG, AMRO,

Surveyor initials:

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 9

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 24

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 9

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Flurries started at 1600

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 27, 2022 7:24 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 27, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,528

Sunset Time (hhmm 24hr): 1,635

Survey End Time (hhmm 24h): 1,705

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR ROPI AMRO PIWO CANG MALL

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 21

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: December 28, 2022 8:42 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 27, 2022

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,535

Sunset Time (hhmm 24hr): 1,635

Survey End Time (hhmm 24h): 1,705

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BLJA

Surveyor initials:
AB

Overall Survey Notes (if needed):
Dog at property barked throughout entire survey



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 23

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 28, 2022 8:52 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 28, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,534

Sunset Time (hhmm 24hr): 1,636

Survey End Time (hhmm 24h): 1,706

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG EUST AMCR AMRO ROPI MODO MALL

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 45

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 30, 2022 1:13 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 29, 2022

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,512

Sunset Time (hhmm 24hr): 1,637

Survey End Time (hhmm 24h): 1,707

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 45

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, DOWO, BLJA, ROPI, EUST, CANG, MALL

Surveyor initials:
FS

Overall Survey Notes (if needed):
RTHA flying



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: December 30, 2022 11:44 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 29, 2022

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,535

Sunset Time (hhmm 24hr): 1,635

Survey End Time (hhmm 24h): 1,705

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, AMRO, MODO, BCCH, NOFL, ROPI, NOCA

Surveyor initials:
MDB

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 42

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 30, 2022 6:09 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 30, 2022

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,523

Sunset Time (hhmm 24hr): 1,637

Survey End Time (hhmm 24h): 1,707

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Row Cropland Active (Harvested)

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 54

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Most snow has melted.

Weather Conditions at End of Survey

Temperature (F): 49

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

EUST AMCR BCCH CANG ROPI

Surveyor initials:

AL

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: December 30, 2022 11:44 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 30, 2022

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,537

Sunset Time (hhmm 24hr): 1,637

Survey End Time (hhmm 24h): 1,707

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, NOCA, CANG, TUTI, ATSP, NOFL

Surveyor initials:
MDB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 55

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Patchy snow has mostly melted overnight.

Weather Conditions at End of Survey

Temperature (F): 50

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: January 3, 2023 10:18 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 30, 2022

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,538

Sunset Time (hhmm 24hr): 1,638

Survey End Time (hhmm 24h): 1,708

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, MALL

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Steady Rain

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 42

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 3, 2023 6:14 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 3, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,530

Sunset Time (hhmm 24hr): 1,641

Survey End Time (hhmm 24h): 1,711

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH BLJA DOWO ROPI AMRO CANG DEJU

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Rain

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 42

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 3, 2023 7:41 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 3, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,533

Sunset Time (hhmm 24hr): 1,642

Survey End Time (hhmm 24h): 1,712

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Steady Rain

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some patches of snow where it drifted, fog in addition to the rain

Weather Conditions at End of Survey

Temperature (F): 46

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Fog in addition to rain

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 4, 2023 6:13 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 4, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,535

Sunset Time (hhmm 24hr): 1,642

Survey End Time (hhmm 24h): 1,712

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR MODO AMRO BCCH

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Corn harvested since last visit. Able to survey from the point in the field.

Weather Conditions at Start of Survey

Temperature (F): 49

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 48

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com

Submitted Time: January 4, 2023 7:09 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 4, 2023

Surveyor First and Last Name(s): Jess Tatten

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,541

Sunset Time (hhmm 24hr): 1,641

Survey End Time (hhmm 24h): 1,711

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO, BCCH, MALL

Surveyor initials:
JT

Overall Survey Notes (if needed):
RTHA auditory only



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 49

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Steady Rain

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 49

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Started raining at 1600 and intermittent through out survey and fog rolled in and out

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Steady rain started at 1600

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: January 5, 2023 10:15 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 4, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,542

Sunset Time (hhmm 24hr): 1,642

Survey End Time (hhmm 24h): 1,712

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland (Fallow)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 49

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Fog in addition to the drizzle

Weather Conditions at End of Survey

Temperature (F): 49

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ENE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Fog in addition to the drizzle

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 5, 2023 10:24 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 4, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,536

Sunset Time (hhmm 24hr): 1,642

Survey End Time (hhmm 24h): 1,712

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48
Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: SSE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Drizzle
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 50
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Drizzle
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:
 EUST, CANG, ROPI, MALL,

Surveyor initials:
 FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
 Submitted Time: January 5, 2023 6:24 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 5, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 9
Survey Start Time (hhmm 24hr): 1,534
Sunset Time (hhmm 24hr): 1,643
Survey End Time (hhmm 24h): 1,713

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH AMCR CANG BLJA MODO MALL

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 41

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 38

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: N

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jtatten@edrdpc.com

Submitted Time: January 6, 2023 9:44 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 5, 2023

Surveyor First and Last Name(s): Jess Tatten

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,543

Sunset Time (hhmm 24hr): 1,643

Survey End Time (hhmm 24h): 1,715

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:
Successional Shrubland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, PIWO, AMCR, CANG,

Surveyor initials:
Fs

Overall Survey Notes (if needed):
GHOW HEARD



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 40

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 6, 2023 6:19 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 6, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,544

Sunset Time (hhmm 24hr): 1,644

Survey End Time (hhmm 24h): 1,714

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 6, 2023 6:30 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 6, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,538

Sunset Time (hhmm 24hr): 1,644

Survey End Time (hhmm 24h): 1,714

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, CANG, AMCR

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 6, 2023 6:30 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 6, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,543

Sunset Time (hhmm 24hr): 1,644

Survey End Time (hhmm 24h): 1,714

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMRO AMCR EUST CANG BCCH COME NOCA PIWO MALL

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 33
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Flurries stopped during the survey and some of the clouds cleared.
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: January 9, 2023 6:23 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 9, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 10
Survey Start Time (hhmm 24hr): 1,532
Sunset Time (hhmm 24hr): 1,647
Survey End Time (hhmm 24h): 1,717

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

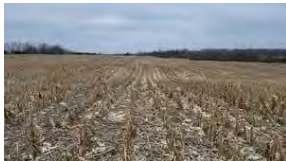
Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MALL

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 9, 2023 7:54 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 9, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,539

Sunset Time (hhmm 24hr): 1,647

Survey End Time (hhmm 24h): 1,717

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:
Successional Shrubland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
HAWO, BCCH, AMCR, CANG

Surveyor initials:
FS

Overall Survey Notes (if needed):
RTHA FLYING



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Remnants of snow, scattered

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 10, 2023 6:22 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 10, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,540

Sunset Time (hhmm 24hr): 1,648

Survey End Time (hhmm 24h): 1,717

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, AMRO, BCCH, MODO

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Scattered dusting of snow

Weather Conditions at End of Survey

Temperature (F): 25
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: January 10, 2023 6:29 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 10, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 9
Survey Start Time (hhmm 24hr): 1,529
Sunset Time (hhmm 24hr): 1,648
Survey End Time (hhmm 24h): 1,718

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH DEJU PIWO RBWO MODO NOCA MALL CANG AMCR

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Light dusting of snow in a couple of areas.

Weather Conditions at End of Survey

Temperature (F): 26
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NNW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? Yes
Weather Notes: Light dusting of snow covering some areas. Ground frozen.
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: January 11, 2023 6:24 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 11, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 8
Survey Start Time (hhmm 24hr): 1,541
Sunset Time (hhmm 24hr): 1,649
Survey End Time (hhmm 24h): 1,719

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? Yes

Weather Notes: Some scattered patches of icy snow but less than an inch deep.

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR BCCH EUST AMRO CANG

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 11, 2023 7:23 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 11, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,541

Sunset Time (hhmm 24hr): 1,650

Survey End Time (hhmm 24h): 1,720

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Successional Shrubland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, CANG, DEJU, BCCH

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 30

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: January 13, 2023 11:31 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 11, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,550

Sunset Time (hhmm 24hr): 1,650

Survey End Time (hhmm 24h): 1,720

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, EUST

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: ESE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes: Sparing icy patches near edges and divots

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: ESE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
Submitted Time: January 13, 2023 6:30 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 13, 2023
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 4
Survey Start Time (hhmm 24hr): 1,543
Sunset Time (hhmm 24hr): 1,652
Survey End Time (hhmm 24h): 1,722

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, AMCR, BLJA

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Fog rolled in from 1615 till 1645

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 13, 2023 6:35 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 13, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,544

Sunset Time (hhmm 24hr): 1,651

Survey End Time (hhmm 24h): 1,721

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 24

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 1

Snow Crust Present? Yes

Weather Notes: Some fog drifting through. Flurries stopped for awhile during the survey but started again at the end.

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

EUST CANG BCCH

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 13, 2023 7:52 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 13, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,551

Sunset Time (hhmm 24hr): 1,651

Survey End Time (hhmm 24h): 1,721

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
ROPI, CANG, EUST

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 16, 2023 6:35 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 16, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,545

Sunset Time (hhmm 24hr): 1,655

Survey End Time (hhmm 24h): 1,725

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST AMCR ROPI BCCH

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 25

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 16, 2023 7:06 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 16, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,550

Sunset Time (hhmm 24hr): 1,655

Survey End Time (hhmm 24h): 1,725

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Successional Shrubland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO, ROPI, EUST, DOWO, CANG, BCCH, AMCR

Surveyor initials:
FS

Overall Survey Notes (if needed):
RTHA perched



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NNW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Scattered snow

Weather Conditions at End of Survey

Temperature (F): 28

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NNW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 16, 2023 7:22 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 16, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,556

Sunset Time (hhmm 24hr): 1,656

Survey End Time (hhmm 24h): 1,726

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR, EUST, BCCH

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 17, 2023 6:43 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 17, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,555

Sunset Time (hhmm 24hr): 1,657

Survey End Time (hhmm 24h): 1,727

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
PIWO, AMCR

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Scattered snow

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Fog

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Fog came in around 1645 with a light drizzle. Drizzle ended around 1715 but fog remained

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 17, 2023 6:46 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 17, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 9

Survey Start Time (hhmm 24hr): 1,543

Sunset Time (hhmm 24hr): 1,656

Survey End Time (hhmm 24h): 1,726

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Drizzle
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Snow cover in some areas but less than an inch deep.

Weather Conditions at End of Survey

Temperature (F): 34
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Drizzle
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

NOCA AMCR

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 17, 2023 7:50 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 17, 2023
Surveyor First and Last Name(s): James Kearney
Survey Location Name: 6
Survey Start Time (hhmm 24hr): 1,556
Sunset Time (hhmm 24hr): 1,656
Survey End Time (hhmm 24h): 1,726

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland

Secondary Open Field Cover Type:
 Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
DEJU, EUST, ATSP, BCCH

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some patches of snow present.

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ENE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some patches of snow present.

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 18, 2023 6:29 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 18, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,549

Sunset Time (hhmm 24hr): 1,657

Survey End Time (hhmm 24h): 1,727

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMRO BCCH DEJU UNDU

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 18, 2023 9:45 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 18, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,549

Sunset Time (hhmm 24hr): 1,658

Survey End Time (hhmm 24h): 1,728

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 36

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR, BLJA,

Surveyor initials:

FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 19, 2023 6:31 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 19, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,555

Sunset Time (hhmm 24hr): 1,658

Survey End Time (hhmm 24h): 1,728

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
ROPI EUST AMCR CANG UNDU

Surveyor initials:
AL

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Rain

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 19, 2023 8:07 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 19, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,559

Sunset Time (hhmm 24hr): 1,659

Survey End Time (hhmm 24h): 1,729

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

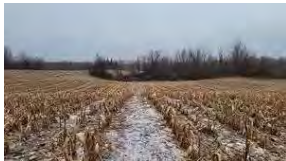
Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Sleet Wintry Mix

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Sleet Wintry Mix

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 20, 2023 10:32 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 19, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,559

Sunset Time (hhmm 24hr): 1,659

Survey End Time (hhmm 24h): 1,729

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, PIWO.

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Steady wind, steady drizzle

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Rain (Sustained/Heavy)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Sustained rain

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: January 20, 2023 6:26 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 20, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,600

Sunset Time (hhmm 24hr): 1,700

Survey End Time (hhmm 24h): 1,730

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 20, 2023 6:34 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 20, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,553

Sunset Time (hhmm 24hr): 1,700

Survey End Time (hhmm 24h): 1,730

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Scattered snow coverage on the ground.

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

EUST CANG UNDU ROPI

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 20, 2023 7:38 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 20, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,600

Sunset Time (hhmm 24hr): 1,700

Survey End Time (hhmm 24h): 1,730

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 28

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

Surveyor initials:

JK

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 20, 2023 8:09 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 20, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,558

Sunset Time (hhmm 24hr): 1,700

Survey End Time (hhmm 24h): 1,730

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Successional Shrubland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 30

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 23, 2023 6:50 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 23, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,600

Sunset Time (hhmm 24hr): 1,704

Survey End Time (hhmm 24h): 1,734

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST ROPI BCCH NOCA AMRO ATSP

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 8

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 8

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 23, 2023 7:21 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 23, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,604

Sunset Time (hhmm 24hr): 1,704

Survey End Time (hhmm 24h): 1,734

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:

Surveyor initials:
JK

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 7

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 7

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 23, 2023 7:53 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 23, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,559

Sunset Time (hhmm 24hr): 1,704

Survey End Time (hhmm 24h): 1,734

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
AMCR, BCCH, BLJA

Surveyor initials:
FS

Overall Survey Notes (if needed):
SNBU FLYING



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 7

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 8

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 24, 2023 6:36 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 24, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,600

Sunset Time (hhmm 24hr): 1,705

Survey End Time (hhmm 24h): 1,735

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
EUST CANG AMRO SNBU

Surveyor initials:
AL

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WSW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 24, 2023 7:36 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 24, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,606

Sunset Time (hhmm 24hr): 1,706

Survey End Time (hhmm 24h): 1,736

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 8

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 8

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Yes

Incidental species list:

Surveyor initials:

JK

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 24, 2023 7:38 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 24, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 9

Survey Start Time (hhmm 24hr): 1,603

Sunset Time (hhmm 24hr): 1,705

Survey End Time (hhmm 24h): 1,735

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, AMRO, NOCA, DEJU, BCCH, MALL,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: W
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: Flurries
Estimated mean snow depth (inches): 6
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: W
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: Flurries
Estimated mean snow depth (inches): 6
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: January 26, 2023 6:46 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 26, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 7
Survey Start Time (hhmm 24hr): 1,603
Sunset Time (hhmm 24hr): 1,708
Survey End Time (hhmm 24h): 1,738

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Old Field

Fourth Open Field Cover Type:
Wetland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST BCCH

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes: Strong winds during survey, blowing snow across the fields.

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 26, 2023 6:53 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 26, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,605

Sunset Time (hhmm 24hr): 1,708

Survey End Time (hhmm 24h): 1,738

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes: Winds died down around 1700

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: January 26, 2023 7:44 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 26, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,607

Sunset Time (hhmm 24hr): 1,707

Survey End Time (hhmm 24h): 1,737

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
CANG

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 28

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: January 27, 2023 4:12 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 26, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,608

Sunset Time (hhmm 24hr): 1,708

Survey End Time (hhmm 24h): 1,738

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

BCCH, NOCA

Surveyor initials:

AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 27, 2023 6:44 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 27, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,603

Sunset Time (hhmm 24hr): 1,709

Survey End Time (hhmm 24h): 1,739

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST ROPI AMCR UNDU CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes: A few flurries during the first part of the survey but very slight precipitation.

Weather Conditions at End of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 30, 2023 9:17 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 27, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,601

Sunset Time (hhmm 24hr): 1,709

Survey End Time (hhmm 24h): 1,739

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Successional Shrubland

Fourth Open Field Cover Type:
Pastureland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, DOWO, EUST,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: bsmith@edrdpc.com

Submitted Time: January 30, 2023 6:47 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 30, 2023

Surveyor First and Last Name(s): Brooke Smith

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,606

Sunset Time (hhmm 24hr): 1,712

Survey End Time (hhmm 24h): 1,750

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR

Surveyor initials:
BS

Overall Survey Notes (if needed):
No raptors observed.



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 24
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: January 30, 2023 6:55 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 30, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 3
Survey Start Time (hhmm 24hr): 1,610
Sunset Time (hhmm 24hr): 1,713
Survey End Time (hhmm 24h): 1,743

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH ROP

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 24

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 24

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 30, 2023 6:56 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 30, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,610

Sunset Time (hhmm 24hr): 1,717

Survey End Time (hhmm 24h): 1,747

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27
Wind Speed (mph): 0 – 1 (Calm; Smoke rises vertically)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 5
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 25
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 5
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 PIWO, DEJU, EUST, AMCR

Surveyor initials:
 FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: sbegu@edrdpc.com
 Submitted Time: January 30, 2023 7:00 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 30, 2023
Surveyor First and Last Name(s): Samouel Beguin
Survey Location Name: 1
Survey Start Time (hhmm 24hr): 1,615
Sunset Time (hhmm 24hr): 1,713
Survey End Time (hhmm 24h): 1,746

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
 Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NNW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 25
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: January 31, 2023 11:40 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 30, 2023
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 9
Survey Start Time (hhmm 24hr): 1,613
Sunset Time (hhmm 24hr): 1,713
Survey End Time (hhmm 24h): 1,743

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
NOCA, BCCH, CANG, WTSP

Surveyor initials:
AB

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: N

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 25

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 31, 2023 6:52 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 31, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,612

Sunset Time (hhmm 24hr): 1,714

Survey End Time (hhmm 24h): 1,744

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Shrubland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
HOSP, ROPI, EUST, AMCR,

Surveyor initials:
FS

Overall Survey Notes (if needed):
SNBU FLYING PERCHED, RTHA FLYING PERCHED



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 18
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 6
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 17
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 6
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: bsmith@edrdpc.com
Submitted Time: January 31, 2023 8:03 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 31, 2023
Surveyor First and Last Name(s): Brooke Smith
Survey Location Name: 10
Survey Start Time (hhmm 24hr): 1,610
Sunset Time (hhmm 24hr): 1,712
Survey End Time (hhmm 24h): 1,755

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Data Sheet



Field Condition Notes:

Weather Conditions at Start of Survey

Temperature (F): 19
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 13
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW



Field Data Sheet

Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 3
Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 AMCR DEJU CANG MODO

Surveyor initials:
 BS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com
 Submitted Time: January 31, 2023 8:05 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 31, 2023
Surveyor First and Last Name(s): James Kearney
Survey Location Name: 7
Survey Start Time (hhmm 24hr): 1,615
Sunset Time (hhmm 24hr): 1,715
Survey End Time (hhmm 24h): 1,745

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
 Field Cropland

Third Open Field Cover Type:
 Successional Old Field

Fourth Open Field Cover Type:
 Wetland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, DEJU

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 18
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 6
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 18
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 6
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: February 1, 2023 11:29 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 31, 2023
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 5
Survey Start Time (hhmm 24hr): 1,615
Sunset Time (hhmm 24hr): 1,715
Survey End Time (hhmm 24h): 1,745

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BLJA

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 18
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 5
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 17
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 5
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: February 1, 2023 6:53 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: February 1, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 11
Survey Start Time (hhmm 24hr): 1,611
Sunset Time (hhmm 24hr): 1,715
Survey End Time (hhmm 24h): 1,745

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 21

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 9

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 19

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 9

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

BCCH DOWO MODO AMCR CORA AMRO PIWO

Surveyor initials:

AL

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 1, 2023 7:39 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 1, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,615

Sunset Time (hhmm 24hr): 1,715

Survey End Time (hhmm 24h): 1,745

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 21

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 21

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
ROPI, EUST

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 1, 2023 7:50 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 1, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,614

Sunset Time (hhmm 24hr): 1,716

Survey End Time (hhmm 24h): 1,746

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO, CANG, BCCH, BLJA

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 20

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 17

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 2, 2023 6:57 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 2, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,614

Sunset Time (hhmm 24hr): 1,717

Survey End Time (hhmm 24h): 1,747

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
AMCR AMRO SNBU DEJU MODO

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 30

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 2, 2023 8:37 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 2, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,615

Sunset Time (hhmm 24hr): 1,717

Survey End Time (hhmm 24h): 1,747

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

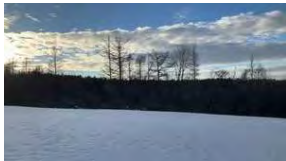
Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
Yes

Incidental species list:
BCCH, AMCR,

Surveyor initials:
FS

Overall Survey Notes (if needed):
SNBU FLYING PERCHED



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 6, 2023 8:07 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 6, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,623

Sunset Time (hhmm 24hr): 1,723

Survey End Time (hhmm 24h): 1,753

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

EUST ROPI AMCR BCCH NOCA

Surveyor initials:

AL

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 7, 2023 8:22 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 6, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,619

Sunset Time (hhmm 24hr): 1,723

Survey End Time (hhmm 24h): 1,753

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, AMCR, PIWO

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: February 7, 2023 2:54 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 6, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,623

Sunset Time (hhmm 24hr): 1,723

Survey End Time (hhmm 24h): 1,753

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
DOWO, AMCR

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 7, 2023 7:04 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 7, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 9

Survey Start Time (hhmm 24hr): 1,615

Sunset Time (hhmm 24hr): 1,723

Survey End Time (hhmm 24h): 1,753

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, NOCA, EUST, AMCR

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 39

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Drizzle

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Drizzle started at 1625

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 7, 2023 10:47 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 7, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,623

Sunset Time (hhmm 24hr): 1,723

Survey End Time (hhmm 24h): 1,753

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 37

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Drizzle

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMRO, ATSP, CANG, MALL

Surveyor initials:

JK

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: February 8, 2023 1:02 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 7, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,625

Sunset Time (hhmm 24hr): 1,725

Survey End Time (hhmm 24h): 1,755

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No
Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 39

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 39

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Rain

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes: Windy

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Rain clouds blew in and started dropping precipitation

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 8, 2023 7:01 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 8, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,615

Sunset Time (hhmm 24hr): 1,725

Survey End Time (hhmm 24h): 1,755

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
WBNU PIWO AMCR MALL BCCH DEJU CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 39

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 36

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WNW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: February 8, 2023 7:05 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 8, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,625

Sunset Time (hhmm 24hr): 1,725

Survey End Time (hhmm 24h): 1,755

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, DOWO, CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 41

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 38

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: W

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 10, 2023 7:01 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 10, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,624

Sunset Time (hhmm 24hr): 1,727

Survey End Time (hhmm 24h): 1,757

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

EUST ROPI RWBL CANG

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 10, 2023 9:01 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 10, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,627

Sunset Time (hhmm 24hr): 1,728

Survey End Time (hhmm 24h): 1,758

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Row Cropland (Fallow)

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Successional Shrubland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMRO, CANG, AMCR, BCCH, MALL,

Surveyor initials:
FS

Overall Survey Notes (if needed):
Many AMRO foraging in hay field, over 100 individuals



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Scattered areas of snow

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Scattered snow

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 10, 2023 9:25 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 10, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,628

Sunset Time (hhmm 24hr): 1,728

Survey End Time (hhmm 24h): 1,758

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MALL

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 13, 2023 7:15 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 13, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,628

Sunset Time (hhmm 24hr): 1,732

Survey End Time (hhmm 24h): 1,802

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some scattered patches of snow left but most snow has melted.

Weather Conditions at End of Survey

Temperature (F): 41

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Started to rain very lightly (spattering of droplets every once in a while) during the last part of the survey, on and off. Cleared up at the end.

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

EUST ROPI AMCR MALL CANG AMRO

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 13, 2023 7:58 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 13, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 9

Survey Start Time (hhmm 24hr): 1,629

Sunset Time (hhmm 24hr): 1,732

Survey End Time (hhmm 24h): 1,802

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, CANG, BCCH, DOWO, EUST, AMRO, BAEA

Surveyor initials:
FS

Overall Survey Notes (if needed):
Baea seen driving to survey



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Scattered snow

Weather Conditions at End of Survey

Temperature (F): 46

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: Drizzle

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 13, 2023 8:09 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 13, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,631

Sunset Time (hhmm 24hr): 1,731

Survey End Time (hhmm 24h): 1,801

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Most snow has melted but there is still a couple of inches of snow on the road leading up to the point and in some areas of the fields. Overall though, the average snow depth is less than an inch.

Weather Conditions at End of Survey

Temperature (F): 37

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

EUST AMRO AMCR NOCA CORA CANG ROPi MODO MALL

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: February 14, 2023 9:18 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 14, 2023

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,630

Sunset Time (hhmm 24hr): 1,732

Survey End Time (hhmm 24h): 1,802

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR, AMRO, MODO, COGR

Surveyor initials:
MDB

Overall Survey Notes (if needed):
MODO singing



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 43

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snow in sparse patches

Weather Conditions at End of Survey

Temperature (F): 39

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 15, 2023 8:11 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 14, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,627

Sunset Time (hhmm 24hr): 1,733

Survey End Time (hhmm 24h): 1,803

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, BCCH, MODO, DEJU, WBNU, CANG, MALL,

Surveyor initials:
FS

Overall Survey Notes (if needed):
RTHA PERCHED AND FLYING



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 44

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 15, 2023 7:06 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 15, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,627

Sunset Time (hhmm 24hr): 1,733

Survey End Time (hhmm 24h): 1,803

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 61

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Most snow has melted but some scattered patches visible in the fields.

Weather Conditions at End of Survey

Temperature (F): 57

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Yes

Incidental species list:

EUST AMCR CANG UNWO EABL SNBU MALL BCCH

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 15, 2023 7:37 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 15, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,625

Sunset Time (hhmm 24hr): 1,735

Survey End Time (hhmm 24h): 1,805

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, BCCH, COGR, MALL, ROPI, EUST, CANG,

Surveyor initials:
FS

Overall Survey Notes (if needed):
2 RTHA, 1 TUVU

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 62

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 59

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 15, 2023 8:00 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 15, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,635

Sunset Time (hhmm 24hr): 1,735

Survey End Time (hhmm 24h): 1,805

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Shrubland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

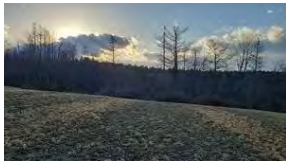
Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 62

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 59

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR, AMRO, RWBL, HAWO, EABL, BCCH, MALL, CANG

Surveyor initials:

JK

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 16, 2023 7:10 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 16, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,629

Sunset Time (hhmm 24hr): 1,736

Survey End Time (hhmm 24h): 1,806

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR WBNU CANG EUST RWBL MALL CORA NOCA BLJA AMRO MODO

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 41

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: N

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 16, 2023 8:00 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 16, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,636

Sunset Time (hhmm 24hr): 1,736

Survey End Time (hhmm 24h): 1,806

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Successional Old Field

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, WBNU, RBWO, CANG, COGR, AMRO, MODO, MALL

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 44
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
Submitted Time: February 17, 2023 9:53 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: February 16, 2023
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 7
Survey Start Time (hhmm 24hr): 1,631
Sunset Time (hhmm 24hr): 1,735
Survey End Time (hhmm 24h): 1,805

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
KILL, CANG, EUST, MALL

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some snow patches near edge of field where it drifted

Weather Conditions at End of Survey

Temperature (F): 44

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ENE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 17, 2023 7:14 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 17, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,629

Sunset Time (hhmm 24hr): 1,737

Survey End Time (hhmm 24h): 1,807

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR EUST CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 20

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Light dusting of snow on the ground so far but hasn't accumulated much. Less than an inch.

Weather Conditions at End of Survey

Temperature (F): 20

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 0

Snow Crust Present? Yes

Weather Notes: Snow accumulated more but still less than an inch.

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: February 21, 2023 11:46 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 17, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,637

Sunset Time (hhmm 24hr): 1,737

Survey End Time (hhmm 24h): 1,807

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 20

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Snowing lightly, but steadily. Snow on ground sparse but accumulating.

Weather Conditions at End of Survey

Temperature (F): 19

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

Surveyor initials:

AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: bsmith@edrdpc.com

Submitted Time: February 21, 2023 7:13 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 21, 2023

Surveyor First and Last Name(s): Brooke Smith

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,631

Sunset Time (hhmm 24hr): 1,741

Survey End Time (hhmm 24h): 1,811

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 38

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Flurries on and off during survey. Decreasing visibility at times.

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

MODO EUST CANG

Surveyor initials:

BS

Overall Survey Notes (if needed):

No raptors observed.

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 21, 2023 7:25 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 21, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,640

Sunset Time (hhmm 24hr): 1,742

Survey End Time (hhmm 24h): 1,812

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CORA BCCH UNDU CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 33

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes: Some steady snow during the survey but didn't accumulate. Later turned back into flurries.

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 21, 2023 7:50 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 21, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,640

Sunset Time (hhmm 24hr): 1,743

Survey End Time (hhmm 24h): 1,813

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMRO, RTHA, BCCH, HAWO, COGR, RWBL, CANG,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 21, 2023 8:16 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 21, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,642

Sunset Time (hhmm 24hr): 1,742

Survey End Time (hhmm 24h): 1,812

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
ROPI

Surveyor initials:
BS

Overall Survey Notes (if needed):
No raptors observed.

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 28
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? Yes
Weather Change Notes: Snow increased throughout survey, decreasing visibility.

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: February 22, 2023 7:18 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: February 22, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 6
Survey Start Time (hhmm 24hr): 1,635
Sunset Time (hhmm 24hr): 1,743
Survey End Time (hhmm 24h): 1,813

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG AMCR ROPI EUST

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 28
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com
Submitted Time: February 22, 2023 8:27 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: February 22, 2023
Surveyor First and Last Name(s): James Kearney
Survey Location Name: 3
Survey Start Time (hhmm 24hr): 1,644
Sunset Time (hhmm 24hr): 1,744
Survey End Time (hhmm 24h): 1,814

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Dusting of snow at start of survey.

Weather Conditions at End of Survey

Temperature (F): 28

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ENE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Heavy Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

CANG

Surveyor initials:

JK

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 23, 2023 9:44 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 22, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,639

Sunset Time (hhmm 24hr): 1,744

Survey End Time (hhmm 24h): 1,814

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Successional Shrubland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, CANG, DOWO, EUST

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Visibility maximum 1 mile

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ESE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 23, 2023 7:22 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 23, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,635

Sunset Time (hhmm 24hr): 1,745

Survey End Time (hhmm 24h): 1,815

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

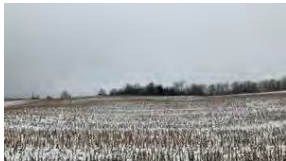
Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Fog
Estimated mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Fog
Estimated mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? Yes
Weather Change Notes: At the beginning of the survey the fog was distant. By the end, the fog was dense over the field, making visibility bad. It also rained for a short amount of time during the survey.



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 MODO AMCR CANG AMRO NOCA

Surveyor initials:
 AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
 Submitted Time: February 23, 2023 8:19 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: February 23, 2023
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 7
Survey Start Time (hhmm 24hr): 1,640
Sunset Time (hhmm 24hr): 1,745
Survey End Time (hhmm 24h): 1,815

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland

Secondary Open Field Cover Type:
 Row Cropland Active (Harvested)

Third Open Field Cover Type:
 Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Fog
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: E
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Fog
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? Yes
Weather Change Notes: Scattered showers.

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 AMRO, NOCA, WTSP, CANG, MODO

Surveyor initials:
 JK

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: bsmith@edrdpc.com
 Submitted Time: February 24, 2023 7:15 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: February 24, 2023
Surveyor First and Last Name(s): Brooke Smith
Survey Location Name: 1
Survey Start Time (hhmm 24hr): 1,641
Sunset Time (hhmm 24hr): 1,745
Survey End Time (hhmm 24h): 1,815

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG COGR AMCR

Surveyor initials:
BS

Overall Survey Notes (if needed):
No raptors observed.

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 14

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 14

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Winds and snow increased around 1700, decreased visibility to poor. Decreased a bit again around 1750.

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 24, 2023 7:17 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 24, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,643

Sunset Time (hhmm 24hr): 1,745

Survey End Time (hhmm 24h): 1,815

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Row Cropland Active (Harvested)

Fourth Open Field Cover Type:
Wetland

Fifth Open Field Cover Type:
Successional Shrubland

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR, CORA, BCCH, RWBL, CANG, NOCA

Surveyor initials:

FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 17

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 15

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 7

Snow Crust Present? No

Weather Notes: Steady snow but lighter than the start

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 24, 2023 7:24 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 24, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,644

Sunset Time (hhmm 24hr): 1,746

Survey End Time (hhmm 24h): 1,816

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG BCCH RWBL EUST AMRO

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 15

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 15

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: February 24, 2023 9:17 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 24, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,645

Sunset Time (hhmm 24hr): 1,745

Survey End Time (hhmm 24h): 1,815

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 18
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: Flurries
Estimated mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 16
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Flurries
Estimated mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

RWBL, AMCR

Surveyor initials:

JK

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 27, 2023 7:24 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: February 27, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 12
Survey Start Time (hhmm 24hr): 1,641
Sunset Time (hhmm 24hr): 1,749
Survey End Time (hhmm 24h): 1,819

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMRO CORA AMCR CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kbennett@edrdpc.com

Submitted Time: February 27, 2023 7:31 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 27, 2023

Surveyor First and Last Name(s): Kelsey Bennett

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,636

Sunset Time (hhmm 24hr): 1,749

Survey End Time (hhmm 24h): 1,819

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Successional Old Field

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, EUST, AMCR, MODO

Surveyor initials:
KB

Overall Survey Notes (if needed):



Field Data Sheet

A few patches of taller shrubs to the west

Weather Conditions at Start of Survey

Temperature (F): 35

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes: Wind gusts up to 14mph

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: February 27, 2023 7:33 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 27, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,647

Sunset Time (hhmm 24hr): 1,750

Survey End Time (hhmm 24h): 1,820

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Wetland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMRO, BCCH, DEJU, MODO, CANG, ROPI,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ESE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes: Snow up to 12 inches in wind drift spots

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: February 28, 2023 9:38 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 27, 2023

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,649

Sunset Time (hhmm 24hr): 1,749

Survey End Time (hhmm 24h): 1,819

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

BLJA, NOCA, CANG, AMCR, MODO, BCCH

Surveyor initials:

MDB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 1, 2023 10:08 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 27, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,650

Sunset Time (hhmm 24hr): 1,750

Survey End Time (hhmm 24h): 1,820

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO, CANG, BCCH

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 28, 2023 7:31 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 28, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,645

Sunset Time (hhmm 24hr): 1,751

Survey End Time (hhmm 24h): 1,821

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, DEJU, MODO, RWBL

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 1, 2023 9:41 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 28, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 9

Survey Start Time (hhmm 24hr): 1,649

Sunset Time (hhmm 24hr): 1,751

Survey End Time (hhmm 24h): 1,821

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, CANG, BCCH, PIWO, AMRO,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: kbennett@edrdpc.com

Submitted Time: March 1, 2023 7:32 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 1, 2023

Surveyor First and Last Name(s): Kelsey Bennett

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,643

Sunset Time (hhmm 24hr): 1,754

Survey End Time (hhmm 24h): 1,824

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, AMRO, SNGO, ATSP, CANG, MODO

Surveyor initials:
KB

Overall Survey Notes (if needed):
Dog barking 1744 until 1751, and again from 1816 to 1824

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Corn stalks present in field

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes: Wind gusts up to 14mph

Weather Conditions at End of Survey

Temperature (F): 37

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 1, 2023 7:33 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 1, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,645

Sunset Time (hhmm 24hr): 1,752

Survey End Time (hhmm 24h): 1,822

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

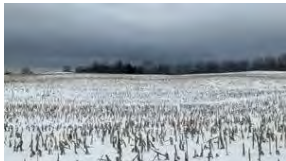
Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH RWBL CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: March 1, 2023 8:45 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 1, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,652

Sunset Time (hhmm 24hr): 1,752

Survey End Time (hhmm 24h): 1,822

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, EUST, DOWO, RWBL

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 37

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 2, 2023 12:46 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 1, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,649

Sunset Time (hhmm 24hr): 1,753

Survey End Time (hhmm 24h): 1,823

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 38

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ESE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 37

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

CANG, HOSP, DEJU, EUST, AMCR, AMRO,

Surveyor initials:

FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 2, 2023 7:32 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 2, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,650

Sunset Time (hhmm 24hr): 1,753

Survey End Time (hhmm 24h): 1,823

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Successional Old Field

Fourth Open Field Cover Type:

Wetland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG CORA AMRO EUST RWBL

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 2, 2023 9:00 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 2, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,649

Sunset Time (hhmm 24hr): 1,755

Survey End Time (hhmm 24h): 1,825

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Shrubland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

CANG, AMCR, COGR, RWBL, AMRO, EUST, MALL, DEJU

Surveyor initials:

FS

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: March 2, 2023 9:51 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 2, 2023

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,653

Sunset Time (hhmm 24hr): 1,753

Survey End Time (hhmm 24h): 1,823

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Successional Shrubland

Third Open Field Cover Type:

Row Cropland Active (Harvested)

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR, MODO

Surveyor initials:
MDB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes: Flurries persisted over course of survey. Heavier snow from 1531-1539.

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 3, 2023 11:05 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 2, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,654

Sunset Time (hhmm 24hr): 1,754

Survey End Time (hhmm 24h): 1,824

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes: No precipitation overhead, but misty on distant hills

Weather Conditions at End of Survey

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes: Precipitation over distant hills

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 3, 2023 7:24 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 3, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,650

Sunset Time (hhmm 24hr): 1,754

Survey End Time (hhmm 24h): 1,824

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

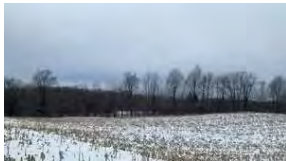
Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG MODO AMRO

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 3, 2023 8:00 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 3, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,649

Sunset Time (hhmm 24hr): 1,754

Survey End Time (hhmm 24h): 1,824

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

EUST, AMCR, CANG,

Surveyor initials:

FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: ENE

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 36

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: E

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: March 3, 2023 9:53 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 3, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,654

Sunset Time (hhmm 24hr): 1,754

Survey End Time (hhmm 24h): 1,824

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR AMRO BCCH CANG RWBL

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 7, 2023 10:33 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 6, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,659

Sunset Time (hhmm 24hr): 1,759

Survey End Time (hhmm 24h): 1,829

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, COGR, AMKE

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 7, 2023 7:42 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 7, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 9

Survey Start Time (hhmm 24hr): 1,659

Sunset Time (hhmm 24hr): 1,759

Survey End Time (hhmm 24h): 1,829

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR AMRO CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: March 7, 2023 9:29 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 7, 2023

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,659

Sunset Time (hhmm 24hr): 1,759

Survey End Time (hhmm 24h): 1,829

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Row Cropland Active (Harvested)

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, EUST, RWBL, CANG, ROPI

Surveyor initials:
MDB

Overall Survey Notes (if needed):

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 27

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Flurries

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Flurries subsided around 1740

Bird Observations

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 9, 2023 2:24 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 7, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,700

Sunset Time (hhmm 24hr): 1,800

Survey End Time (hhmm 24h): 1,830

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Flurries

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? Yes

Weather Notes: No precipitation overhead, but flurries over distant hills reducing visibility

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR, EUST

Surveyor initials:

AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 8, 2023 7:35 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 8, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 8

Survey Start Time (hhmm 24hr): 1,651

Sunset Time (hhmm 24hr): 1,801

Survey End Time (hhmm 24h): 1,831

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
MODO AMCR CANG WBNU

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 25

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 25

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 9, 2023 8:47 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 8, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,658

Sunset Time (hhmm 24hr): 1,804

Survey End Time (hhmm 24h): 1,834

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Shrubland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR, DEJU, NOCA, RWBL, ROPI, EUST,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: N

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 25

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 5

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 9, 2023 7:43 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 9, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,654

Sunset Time (hhmm 24hr): 1,802

Survey End Time (hhmm 24h): 1,832

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG ROPI

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 26

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
Submitted Time: March 10, 2023 8:51 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 9, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,659

Sunset Time (hhmm 24hr): 1,804

Survey End Time (hhmm 24h): 1,834

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH, CANG, AMCR, RWBL, COGR, DEJU,

Surveyor initials:
FS

Overall Survey Notes (if needed):
RTHA



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 28

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: March 10, 2023 2:06 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 9, 2023

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,701

Sunset Time (hhmm 24hr): 1,801

Survey End Time (hhmm 24h): 1,831

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

CANG, AMRO, DOWO, MODO, NOCA, SOSPI, MALL

Surveyor initials:

MDB

Overall Survey Notes (if needed):

Coyotes calling from W hill starting 1818

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 10, 2023 7:34 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 10, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,653

Sunset Time (hhmm 24hr): 1,803

Survey End Time (hhmm 24h): 1,833

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST CANG AMRO ROPI UNDU

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: March 10, 2023 10:16 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 10, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,703

Sunset Time (hhmm 24hr): 1,803

Survey End Time (hhmm 24h): 1,833

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Old Field

Fourth Open Field Cover Type:
Wetland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, AMCR, NOCA

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Heavy Snow

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ENE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 13, 2023 4:22 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 10, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,657

Sunset Time (hhmm 24hr): 1,804

Survey End Time (hhmm 24h): 1,834

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:
Successional Old Field

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, BCCH, CORA,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ENE

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 30

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 8

Snow Crust Present? Yes

Weather Notes: Snow all survey

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 14, 2023 11:43 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 10, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,704

Sunset Time (hhmm 24hr): 1,804

Survey End Time (hhmm 24h): 1,834

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Heavy Snow

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Snow

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, MALL, AMCR, MODO

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 13, 2023 7:38 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 13, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,800

Sunset Time (hhmm 24hr): 1,906

Survey End Time (hhmm 24h): 1,936

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, DEJU, RWBL, BCCH, AMCR, MALL,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: E

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Sleet Wintry Mix

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 34

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Sleet Wintry Mix

Estimated mean snow depth (inches): 5

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com
Submitted Time: March 15, 2023 8:56 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 15, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,810

Sunset Time (hhmm 24hr): 1,910

Survey End Time (hhmm 24h): 1,940

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, WODU, CORA, DEJU, NOCA

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 28

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 27

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 28

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 16, 2023 12:03 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 15, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 7

Survey Start Time (hhmm 24hr): 1,800

Sunset Time (hhmm 24hr): 1,909

Survey End Time (hhmm 24h): 1,939

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Wetland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, NOCA, BCCH, AMCR, RTHA, EUST, ROPI,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 30

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 24

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 29

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 24

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 16, 2023 7:51 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 16, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 4

Survey Start Time (hhmm 24hr): 1,757

Sunset Time (hhmm 24hr): 1,910

Survey End Time (hhmm 24h): 1,940

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Shrubland

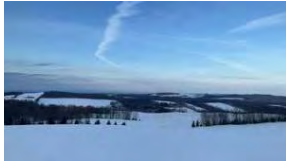
Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
BCCH AMCR AMRO WBNU CORA RWBL CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: W

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 26

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 40

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 26

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: March 17, 2023 8:44 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 16, 2023

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 9

Survey Start Time (hhmm 24hr): 1,810

Sunset Time (hhmm 24hr): 1,910

Survey End Time (hhmm 24h): 1,940

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, HERG, AMRO, RWBL, DEJU, BCCH, NOCA

Surveyor initials:
MDB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 11

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 39

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 11

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 17, 2023 11:29 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 16, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,807

Sunset Time (hhmm 24hr): 1,910

Survey End Time (hhmm 24h): 1,940

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Wetland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
WITU, AMCR, BLJA, NOCA, CANG, PIWO

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 40
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: W
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 24
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 39
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: W
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 24
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
Submitted Time: March 17, 2023 11:48 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 16, 2023
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 6
Survey Start Time (hhmm 24hr): 1,811
Sunset Time (hhmm 24hr): 1,911
Survey End Time (hhmm 24h): 1,941

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
RWBL, COGR, CORA, AMCR, MODO, CANG

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 10
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 44
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 10
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: March 17, 2023 7:47 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 17, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 8
Survey Start Time (hhmm 24hr): 1,758
Sunset Time (hhmm 24hr): 1,911
Survey End Time (hhmm 24h): 1,941

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
KILL MODO RWBL AMRO CANG BCCH

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 14

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 41

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 14

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com

Submitted Time: March 17, 2023 8:55 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 17, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,811

Sunset Time (hhmm 24hr): 1,911

Survey End Time (hhmm 24h): 1,941

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Unharvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, NOCA, CANG, MODO, AMWO, KILL, RWBL, COGR, DEJU, AMRO, HOSP

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Drizzle

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 43

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 19, 2023 5:02 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 17, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,812

Sunset Time (hhmm 24hr): 1,912

Survey End Time (hhmm 24h): 1,942

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Successional Shrubland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
EUST, CANG, AMWO

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 43

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Drizzle

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 43

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 10

Snow Crust Present? No

Weather Notes: Rain stopped shortly after survey began

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: mbaber@edrdpc.com

Submitted Time: March 20, 2023 9:14 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 17, 2023

Surveyor First and Last Name(s): Max Baber

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,812

Sunset Time (hhmm 24hr): 1,912

Survey End Time (hhmm 24h): 1,942

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Successional Shrubland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Drizzle

Estimated mean snow depth (inches): 10

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 44

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 11

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Drizzle subsided 1831



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

NOCA, ATSP, AMCR, CANG, AMRO

Surveyor initials:

MDB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 18, 2023 8:49 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 18, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,808

Sunset Time (hhmm 24hr): 1,912

Survey End Time (hhmm 24h): 1,942

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR WITU CANG PIWO AMRO BCCH RWBL COGR

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 40

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WSW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com
Submitted Time: March 20, 2023 9:36 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 20, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 10

Survey Start Time (hhmm 24hr): 1,815

Sunset Time (hhmm 24hr): 1,915

Survey End Time (hhmm 24h): 1,945

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, MALL, MODO, AMRO, DEJU, AMWO, RWBL

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 41

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WSW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 21, 2023 9:04 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 20, 2023

Surveyor First and Last Name(s): Anna Butler

Survey Location Name: 3

Survey Start Time (hhmm 24hr): 1,815

Sunset Time (hhmm 24hr): 1,915

Survey End Time (hhmm 24h): 1,945

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, MALL, COGR

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 44

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: None (Clear)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 42

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 21, 2023 7:56 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 21, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 2

Survey Start Time (hhmm 24hr): 1,808

Sunset Time (hhmm 24hr): 1,916

Survey End Time (hhmm 24h): 1,946

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR HAWO CANG MODO RWBL COGR AMRO MALL NOCA CORA KILL

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NNW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 7

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 40

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: N

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 7

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com
Submitted Time: March 21, 2023 9:03 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 21, 2023

Surveyor First and Last Name(s): James Kearney

Survey Location Name: 5

Survey Start Time (hhmm 24hr): 1,817

Sunset Time (hhmm 24hr): 1,917

Survey End Time (hhmm 24h): 1,947

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CORA, AMRO, RWBL, AMCR, MODO, CANG

Surveyor initials:
JK

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Mostly Clear (10-25%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 41

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: N

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? Yes

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 22, 2023 10:23 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 21, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 1

Survey Start Time (hhmm 24hr): 1,808

Sunset Time (hhmm 24hr): 1,916

Survey End Time (hhmm 24h): 1,946

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Wetland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
CANG, AMCR, AMRO, RWBL, BCCH, NOCA, MODO, COGR, MALL, DEJU, CORA,

Surveyor initials:
FS

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 43
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: S
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 5
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 40
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: N
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 5
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
Submitted Time: March 22, 2023 7:49 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 22, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 13
Survey Start Time (hhmm 24hr): 1,810
Sunset Time (hhmm 24hr): 1,917
Survey End Time (hhmm 24h): 1,947

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 52

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 49

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SSW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
GBHE RWBL AMCR AMRO COGR ROPI CANG MODO MALL SOSP KILL EUST

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
Submitted Time: March 22, 2023 8:54 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 22, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 12

Survey Start Time (hhmm 24hr): 1,814

Sunset Time (hhmm 24hr): 1,916

Survey End Time (hhmm 24h): 1,946

Open Field Condition Observations

Primary Open Field Cover Type:
Row Cropland Active (Harvested)

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:
Successional Shrubland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
AMCR, AMRO, AMGO, CANG, AMWO, RWBL, COGR, MALL, DEJU, HAWO,

Surveyor initials:
FS

Overall Survey Notes (if needed):
3 AMWO peening and display



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 48
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 5
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 45
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 5
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: jkearney@edrdpc.com
Submitted Time: March 22, 2023 9:28 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 22, 2023
Surveyor First and Last Name(s): James Kearney
Survey Location Name: 8
Survey Start Time (hhmm 24hr): 1,817
Sunset Time (hhmm 24hr): 1,917
Survey End Time (hhmm 24h): 1,947

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Pastureland

Third Open Field Cover Type:
Row Cropland Active (Harvested)

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 54
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Patches of snow.

Weather Conditions at End of Survey

Temperature (F): 52
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Patches of snow.
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:
 AMRO, RWBL, MODO, WBNU, CANG, MALL

Surveyor initials:
 JK

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com

Submitted Time: March 23, 2023 10:29 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 22, 2023
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 7
Survey Start Time (hhmm 24hr): 1,818
Sunset Time (hhmm 24hr): 1,918
Survey End Time (hhmm 24h): 1,948

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland

Secondary Open Field Cover Type:
 Row Cropland Active (Harvested)

Third Open Field Cover Type:
 Field Cropland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:
EUST, RWBL, AMRO, CANG, MODO, MALL, KILL

Surveyor initials:
AB

Overall Survey Notes (if needed):



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 54

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes: Snow is patchy; melted away entirely in some spots, deep in others

Weather Conditions at End of Survey

Temperature (F): 50

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes: Patchy snow

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 23, 2023 7:55 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 23, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 6

Survey Start Time (hhmm 24hr): 1,815

Sunset Time (hhmm 24hr): 1,918

Survey End Time (hhmm 24h): 1,948

Open Field Condition Observations

Primary Open Field Cover Type:
Pastureland

Secondary Open Field Cover Type:
Field Cropland

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 43

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Steady Rain

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 41

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMRO SOSP CANG

Surveyor initials:

AL

Overall Survey Notes (if needed):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 24, 2023 6:12 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 23, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 14

Survey Start Time (hhmm 24hr): 1,817

Sunset Time (hhmm 24hr): 1,919

Survey End Time (hhmm 24h): 1,949

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland (Fallow)

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):

Winter Raptor Survey Data Sheet – Evening Stationary

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Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 42

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 42

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Overcast (90-100%)

Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? No

Weather Change Notes:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

AMCR, CANG, NOCA, RWBL, COGR, BCCH

Surveyor initials:

FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com

Submitted Time: March 28, 2023 9:43 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 24, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,813

Sunset Time (hhmm 24hr): 1,920

Survey End Time (hhmm 24h): 1,950

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Successional Shrubland

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet

Field Condition Notes:

Weather Conditions at Start of Survey

Temperature (F): 30
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 3
Snow Crust Present? No
Weather Notes: Scattered snow patches

Weather Conditions at End of Survey

Temperature (F): 30
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:



Field Data Sheet

Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No
Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 AMCR, AMGO, CANG, SNGO, NOCA, AMRO, RWBL, COGR, WBNU, BCCH,

Surveyor Initials:
 FS

Overall Survey Notes (if needed):
 Survey data form was not saved properly. Pictures and form were corrupted and a new form was created. All information transferred correctly but the photos were lost.



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
 Submitted Time: March 27, 2023 7:57 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 27, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 9
Survey Start Time (hhmm 24hr): 1,820
Sunset Time (hhmm 24hr): 1,923
Survey End Time (hhmm 24h): 1,953

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 34
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NNE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 32
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NNE
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Steady Rain
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 SOSP MALL CANG AMRO AMWO

Surveyor initials:
 AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
 Submitted Time: March 28, 2023 9:38 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 27, 2023
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 4
Survey Start Time (hhmm 24hr): 1,817
Sunset Time (hhmm 24hr): 1,924
Survey End Time (hhmm 24h): 1,954

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland

Secondary Open Field Cover Type:
 Row Cropland Active (Harvested)

Third Open Field Cover Type:

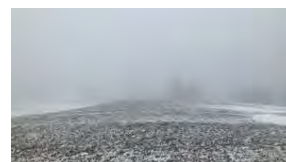
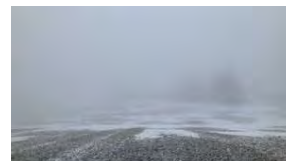
Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 32
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: ESE
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 31
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: ESE
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Steady Snow
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 CANG, AMCR,

Surveyor initials:
 FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
 Submitted Time: March 28, 2023 8:02 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 28, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 3
Survey Start Time (hhmm 24hr): 1,818
Sunset Time (hhmm 24hr): 1,924
Survey End Time (hhmm 24h): 1,954

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)
Secondary Open Field Cover Type:
 Field Cropland
Third Open Field Cover Type:
 Pastureland
Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 38
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes: Snow in patches

Weather Conditions at End of Survey

Temperature (F): 35
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
 Submitted Time: March 29, 2023 9:15 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 28, 2023
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 8
Survey Start Time (hhmm 24hr): 1,819
Sunset Time (hhmm 24hr): 1,925
Survey End Time (hhmm 24h): 1,955

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland
Secondary Open Field Cover Type:
 Row Cropland Active (Harvested)
Third Open Field Cover Type:
 Pastureland
Fourth Open Field Cover Type:
Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 MODO, AMRO, CANG, EUST, RWBL, KILL, AMCR, COME, MALL

Surveyor initials:
 MDB

Overall Survey Notes (if needed):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 2
Snow Crust Present? No
Weather Notes: Scattered snow patches

Weather Conditions at End of Survey

Temperature (F): 36
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: March 30, 2023 9:37 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 28, 2023
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 5
Survey Start Time (hhmm 24hr): 1,825
Sunset Time (hhmm 24hr): 1,925
Survey End Time (hhmm 24h): 1,955

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

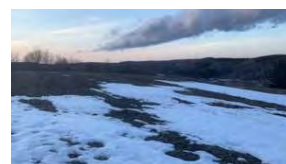
Incidental species list:
 AMCR, COGR, MODO, EUST, RWBL, AMRO, EAME, MALL, NOCA, DEJU, ROP

Surveyor initials:
 FS

Overall Survey Notes (if needed):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 37
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Partly Cloudy (25% - 50%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes: Snow patchy

Weather Conditions at End of Survey

Temperature (F): 35
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 2
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 AMRO, CANG, EUST, KILL, MALL

Surveyor initials:
 AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: rfoote@edrdpc.com
 Submitted Time: March 30, 2023 3:19 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 28, 2023
Surveyor First and Last Name(s): Rachael Foote
Survey Location Name: 10
Survey Start Time (hhmm 24hr): 1,829
Sunset Time (hhmm 24hr): 1,929
Survey End Time (hhmm 24h): 1,959

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)
Secondary Open Field Cover Type:
 Wetland
Third Open Field Cover Type:
Fourth Open Field Cover Type:
Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 39
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: NW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 36
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: NW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 AMRO, AMCR, BLJA, CANG, MODO, SOSP, BCCH,

Surveyor initials:
 RF

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
 Submitted Time: March 29, 2023 7:55 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 29, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 1
Survey Start Time (hhmm 24hr): 1,822
Sunset Time (hhmm 24hr): 1,925
Survey End Time (hhmm 24h): 1,955

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes: Most snow has melted but still some patches in the fields.

Weather Conditions at End of Survey

Temperature (F): 38

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Heavy Snow

Estimated mean snow depth (inches): 0

Snow Crust Present? No

Weather Notes:

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Got much windier later on in the survey and it flurried/drizzled off and on. A heavier snow started later on and continued through the end of the survey, making visibility poor.



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

RWBL CANG AMCR MALL SNGO WODU

Surveyor initials:

AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: bsmith@edrdpc.com

Submitted Time: March 29, 2023 7:57 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 29, 2023

Surveyor First and Last Name(s): Brooke Smith

Survey Location Name: 13

Survey Start Time (hhmm 24hr): 1,825

Sunset Time (hhmm 24hr): 1,925

Survey End Time (hhmm 24h): 1,955

Open Field Condition Observations

Primary Open Field Cover Type:

Field Cropland

Secondary Open Field Cover Type:

Row Cropland Active (Harvested)

Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 43
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: WSW
Cloud Cover: Overcast (90-100%)
Visibility: Good (10+ miles; clear)
Precipitation: Drizzle
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 38
Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)
Wind Direction: WNW
Cloud Cover: Overcast (90-100%)
Visibility: Poor (<0.62 mile; fog or heavy precipitation)
Precipitation: Sleet Wintry Mix
Estimated mean snow depth (inches): 0
Snow Crust Present? N/A (No Snow)
Weather Notes:
Were there any notable weather events/changes during the survey? Yes
Weather Change Notes: Snow/ rain mix and rain picked up around 7:30

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 CANG RWBL EUST

Surveyor initials:
 BS

Overall Survey Notes (if needed):
 No raptors observed



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: abutler@edrdpc.com
 Submitted Time: March 30, 2023 9:37 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 29, 2023
Surveyor First and Last Name(s): Anna Butler
Survey Location Name: 12
Survey Start Time (hhmm 24hr): 1,826
Sunset Time (hhmm 24hr): 1,926
Survey End Time (hhmm 24h): 1,956

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)
Secondary Open Field Cover Type:
 Successional Shrubland
Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 46

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility: Good (10+ miles; clear)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Weather Conditions at End of Survey

Temperature (F): 35

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility: Poor (<0.62 mile; fog or heavy precipitation)

Precipitation: Heavy Snow

Estimated mean snow depth (inches): 1

Snow Crust Present? No

Weather Notes: Coating of snow on ground by end, though maybe not an inch

Were there any notable weather events/changes during the survey? Yes

Weather Change Notes: Squall in last 20 minutes of survey



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Incidental species list:

CANG, WITU, AMRO, MALL, WOOD

Surveyor initials:

AB

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com

Submitted Time: March 30, 2023 8:03 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 30, 2023

Surveyor First and Last Name(s): Alexis Laskowski

Survey Location Name: 11

Survey Start Time (hhmm 24hr): 1,823

Sunset Time (hhmm 24hr): 1,926

Survey End Time (hhmm 24h): 1,956

Open Field Condition Observations

Primary Open Field Cover Type:

Row Cropland Active (Harvested)

Secondary Open Field Cover Type:

Field Cropland

Third Open Field Cover Type:

Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 31
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: WNW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? Yes
Weather Notes: Most snow has melted but still some patches of snow in the fields.

Weather Conditions at End of Survey

Temperature (F): 28
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: WNW
Cloud Cover: None (Clear)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 0
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 RWBL CANG COGR EABL MALL AMRO AMCR

Surveyor initials:
 AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
 Submitted Time: March 31, 2023 8:55 AM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 30, 2023
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 2
Survey Start Time (hhmm 24hr): 1,820
Sunset Time (hhmm 24hr): 1,927
Survey End Time (hhmm 24h): 1,958

Open Field Condition Observations

Primary Open Field Cover Type:
 Row Cropland Active (Harvested)
Secondary Open Field Cover Type:
 Wetland
Third Open Field Cover Type:
Fourth Open Field Cover Type:
Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Depression in field to the west, caused flooding, many geese in and around water

Weather Conditions at Start of Survey

Temperature (F): 35
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: WNW
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes: Scattered snow patches

Weather Conditions at End of Survey

Temperature (F): 31
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: ESE
Cloud Cover: Mostly Clear (10-25%)
Visibility: Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 3
Snow Crust Present? Yes
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
 No

Were any Species of Special Concern observed?
 No

Were any SEOW or NOHA observed?
 No

Were any Unlisted Raptor Species Observed?
 Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
 No

Incidental species list:
 CANG, BCCH, AMCR, MALL, PIWO, SOS, RWBL, COGR, NOCA, EUST, ROPI,

Surveyor initials:
 FS

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: alaskowski@edrdpc.com
 Submitted Time: March 31, 2023 8:02 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 31, 2023
Surveyor First and Last Name(s): Alexis Laskowski
Survey Location Name: 6
Survey Start Time (hhmm 24hr): 1,818
Sunset Time (hhmm 24hr): 1,927
Survey End Time (hhmm 24h): 1,957

Open Field Condition Observations

Primary Open Field Cover Type:
 Field Cropland
Secondary Open Field Cover Type:
 Pastureland
Third Open Field Cover Type:

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:



Field Data Sheet

Weather Conditions at Start of Survey

Temperature (F): 39
Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Drizzle
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Most snow has melted but still some patches of about 1-2 inches deep snow in the fields.

Weather Conditions at End of Survey

Temperature (F): 39
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: S
Cloud Cover: Overcast (90-100%)
Visibility: Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Drizzle
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes:
Were there any notable weather events/changes during the survey? No
Weather Change Notes:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Incidental species list:
RWBL AMRO BCCH MOD0 SOSP KILL CANG

Surveyor initials:
AL

Overall Survey Notes (if needed):



Field Data Sheet

Winter Raptor Survey – Evening Stationary

Submitted By: fsimeone@edrdpc.com
 Submitted Time: April 3, 2023 12:02 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: March 31, 2023
Surveyor First and Last Name(s): Frank Simeone
Survey Location Name: 14
Survey Start Time (hhmm 24hr): 1,822
Sunset Time (hhmm 24hr): 1,927
Survey End Time (hhmm 24h): 1,957

Open Field Condition Observations

Primary Open Field Cover Type:
Field Cropland

Secondary Open Field Cover Type:
Row Cropland Active (Harvested)

Third Open Field Cover Type:
Pastureland

Fourth Open Field Cover Type:

Fifth Open Field Cover Type:

Representative Photos (one each N, E, S, W):



Field Data Sheet



Field Condition Notes:

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.

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APPENDIX B

Daytime Driving Route Survey Data Sheets

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Incidental species list:

WBNU AMCR ROPI RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,350

Survey End Time (hhmm 24hr): 1,355

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR WBNU BCCH CANG

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,358

Survey End Time (hhmm 24hr): 1,404

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

BCCH AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,414

Survey End Time (hhmm 24hr): 1,419

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR AMRO PIWO

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,423

Survey End Time (hhmm 24hr): 1,429

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

AMRO

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,436

Survey End Time (hhmm 24hr): 1,441

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

EABL AMCR AMRO

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,445

Survey End Time (hhmm 24hr): 1,450

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

AMCR CANG CORA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,455

Survey End Time (hhmm 24hr): 1,500

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,502

Survey End Time (hhmm 24hr): 1,507

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

RTHA BCCH WBNU

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: ESE

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: alaskowski@edrdpc.com

Submitted Time: November 29, 2022 3:39 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: November 29, 2022

Surveyor First and Last Name(s): Alexis Laskowski and Anna Butler

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSE

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

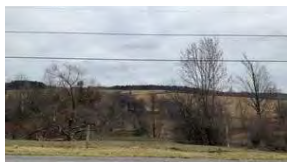
Survey Start Time (hhmm 24hr): 1,255

Survey End Time (hhmm 24hr): 1,300

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

BLJA AMCR ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,306

Survey End Time (hhmm 24hr): 1,311

Representative Photos (4; N,E,S,W):



Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

AMCR RBWO BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,314

Survey End Time (hhmm 24hr): 1,319

Representative Photos (4; N,E,S,W):

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

BCCH EUST AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,323

Survey End Time (hhmm 24hr): 1,328

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,338

Survey End Time (hhmm 24hr): 1,343

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,348

Survey End Time (hhmm 24hr): 1,353

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,404

Survey End Time (hhmm 24hr): 1,409

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

EABL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,412

Survey End Time (hhmm 24hr): 1,417

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

CANG AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,422

Survey End Time (hhmm 24hr): 1,427

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,430

Survey End Time (hhmm 24hr): 1,435

Representative Photos (4; N,E,S,W):



Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

EUST AMCR ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 36

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SE

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 5, 2022 7:50 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 5, 2022

Surveyor First and Last Name(s): Alexis Laskowski and Frank Simeone

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 39

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,236

Survey End Time (hhmm 24hr): 1,244

Representative Photos (4; N,E,S,W):

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Incidental species list:

AMCR ROPI RLHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,251

Survey End Time (hhmm 24hr): 1,256

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,300

Survey End Time (hhmm 24hr): 1,305

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

ROPI BCCH AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,308

Survey End Time (hhmm 24hr): 1,313



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

CANG

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,322

Survey End Time (hhmm 24hr): 1,327



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,332

Survey End Time (hhmm 24hr): 1,337



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR ROPI RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,347

Survey End Time (hhmm 24hr): 1,352



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,355

Survey End Time (hhmm 24hr): 1,406



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

CANG AMCR RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,416

Survey End Time (hhmm 24hr): 1,421



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,424

Survey End Time (hhmm 24hr): 1,429



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

ROPI AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 43

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S



Field Data Sheet

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 15, 2022 10:39 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 13, 2022

Surveyor First and Last Name(s): Frank Simeone Alexis Laskowski

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 25

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: A

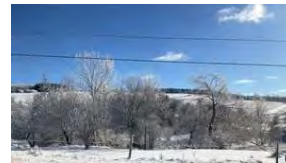
Survey Start Time (hhmm 24hr): 1,237

Survey End Time (hhmm 24hr): 1,243

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

CANG, ROPI, AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,248

Survey End Time (hhmm 24hr): 1,254

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

CANG, AMCR, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA PERCHED

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,259

Survey End Time (hhmm 24hr): 1,304

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, BCCH,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA PERCHED

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,309

Survey End Time (hhmm 24hr): 1,314

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, BCCH, MODO,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,323

Survey End Time (hhmm 24hr): 1,329

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,334

Survey End Time (hhmm 24hr): 1,341

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

MOD0,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA FLYING

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,351

Survey End Time (hhmm 24hr): 1,356

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, MODO

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,401

Survey End Time (hhmm 24hr): 1,407

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA PERCHED FLYING PERCHED

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,413

Survey End Time (hhmm 24hr): 1,420

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA FLYING

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,424

Survey End Time (hhmm 24hr): 1,431

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA FLYING

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 25

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: NNW

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: alaskowski@edrdpc.com

Submitted Time: December 21, 2022 4:27 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 21, 2022

Surveyor First and Last Name(s): Alexis Laskowski and Frank Simeone

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 33

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SSW

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 12

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,238

Survey End Time (hhmm 24hr): 1,248

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR ROPI BLJA RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,251

Survey End Time (hhmm 24hr): 1,301

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR ROPI BCCH BLJA RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,308

Survey End Time (hhmm 24hr): 1,313

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,317

Survey End Time (hhmm 24hr): 1,324

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

EUST AMCR BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,332

Survey End Time (hhmm 24hr): 1,344

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR AMGO EUST BCCH WBNU RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,349

Survey End Time (hhmm 24hr): 1,354

Representative Photos (4; N,E,S,W):



Field Data Sheet



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Field Data Sheet

Incidental species list:

AMCR ROPI EUST RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,406

Survey End Time (hhmm 24hr): 1,411

Representative Photos (4; N,E,S,W):

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Field Data Sheet



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Field Data Sheet

Incidental species list:

AMCR BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Observed RTHA while traveling from E to D. Recorded in Collector.

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,414

Survey End Time (hhmm 24hr): 1,424

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving



Field Data Sheet

Incidental species list:

AMCR ROPI BCCH WBNU RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,430

Survey End Time (hhmm 24hr): 1,435

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving



Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving



Field Data Sheet

Incidental species list:

AMCR BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,438

Survey End Time (hhmm 24hr): 1,443

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving



Field Data Sheet



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Field Data Sheet

Incidental species list:

AMCR EUST BLJA ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 35

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 12

Snow Crust Present? Yes

Weather Notes:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com

Submitted Time: December 29, 2022 3:51 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: December 29, 2022

Surveyor First and Last Name(s): Frank Simeone Alexis Lasakowski

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,159

Survey End Time (hhmm 24hr): 1,205

Representative Photos (4; N,E,S,W):

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

AMCR, BLJA, WBNU, AMGO

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,214

Survey End Time (hhmm 24hr): 1,220

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, BLJA, ROPI, EUST,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

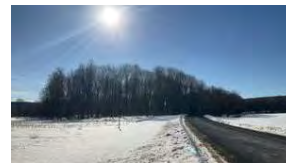
Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,224

Survey End Time (hhmm 24hr): 1,229

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR, BLJA, WBNU, EUST, ROPI, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,237

Survey End Time (hhmm 24hr): 1,243

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, EUST,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,246

Survey End Time (hhmm 24hr): 1,252

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR, BLJA, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,258

Survey End Time (hhmm 24hr): 1,308

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, BLJA,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

2 RTHA FLYING PERCHED

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,318

Survey End Time (hhmm 24hr): 1,328

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR, BLJA, EUST,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

2 RTHA PERCHED FLYING

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,347

Survey End Time (hhmm 24hr): 1,353

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

BLJA, AMCR, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,357

Survey End Time (hhmm 24hr): 1,406

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR, BCCH, EUST,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

2 RTHA PERCHED

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,412

Survey End Time (hhmm 24hr): 1,417

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, BCCH, EUST, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 50

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: S

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: alaskowski@edrdpc.com

Submitted Time: January 5, 2023 4:10 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 5, 2023

Surveyor First and Last Name(s): Alexis Laskowski and Frank Simeone

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 45

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,238

Survey End Time (hhmm 24hr): 1,251

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

RTHA WBNU EUST ROPI AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,253

Survey End Time (hhmm 24hr): 1,258

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR EUST RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,307

Survey End Time (hhmm 24hr): 1,312

Representative Photos (4; N,E,S,W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Field Data Sheet

Incidental species list:

BCCH EUST BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Observed a RTHA while traveling to this point. A track and perch are recorded in Collector on the route between E and D.

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,350

Survey End Time (hhmm 24hr): 1,402

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

PIWO BLJA AMCR ROPI BCCH WBNU RLHA RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,406

Survey End Time (hhmm 24hr): 1,412

Representative Photos (4; N,E,S,W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

AMCR ROPI EUST PIWO AMRO BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,453

Survey End Time (hhmm 24hr): 1,458

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

EUST ROPI AMCR MALL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 43

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WNW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com
Submitted Time: January 11, 2023 7:23 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 11, 2023
Surveyor First and Last Name(s): Frank Simeone Alexis Laskowski
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 32
Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)
Wind Direction: SSW
Cloud Cover: Overcast (90-100%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Small amount of scattered snow

Daytime Survey Stop

Daytime Survey Stop ID: G
Survey Start Time (hhmm 24hr): 1,254
Survey End Time (hhmm 24hr): 1,300
Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

RBWO

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H
Survey Start Time (hhmm 24hr): 1,304
Survey End Time (hhmm 24hr): 1,310
Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

ROPI,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,316

Survey End Time (hhmm 24hr): 1,322

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,326

Survey End Time (hhmm 24hr): 1,337

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

AMCR, PIWO, EUST, ROPI,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA PERCHED, RTHA FLYING/PERCHED

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,356

Survey End Time (hhmm 24hr): 1,402

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, BLJA, ROPI, EUST, MOD0, WITU

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,407

Survey End Time (hhmm 24hr): 1,413

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

BCCH, AMCR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,418

Survey End Time (hhmm 24hr): 1,424

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Saw one RTHA driving fro, B to C

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,428

Survey End Time (hhmm 24hr): 1,434

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,443

Survey End Time (hhmm 24hr): 1,449

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, ROPI, EUST,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

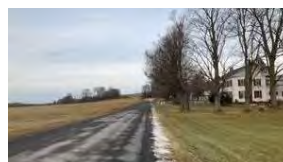
Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,453

Survey End Time (hhmm 24hr): 1,458

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR, WBNU, BLJA, PIWO, CANG,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No
Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 32
Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)
Wind Direction: SW
Cloud Cover: Mostly Cloudy (50% - 90%)
Visibility (miles): Good (10+ miles; clear)
Precipitation: None (Clear)
Estimated mean snow depth (inches): 1
Snow Crust Present? No
Weather Notes: Small areas of scattered snow



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: alaskowski@edrdpc.com
Submitted Time: January 18, 2023 4:16 PM

Survey Information

Project Name: 21028 - Hoffman Falls
Survey Date: January 18, 2023
Surveyor First and Last Name(s): Alexis Laskowski and Frank Simeone
Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 34
Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)
Wind Direction: W
Cloud Cover: Overcast (90-100%)
Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)
Precipitation: Sleet Wintry Mix
Estimated mean snow depth (inches): 0
Snow Crust Present? No
Weather Notes: Wintry mix; snow/rain.

Daytime Survey Stop

Daytime Survey Stop ID: E
Survey Start Time (hhmm 24hr): 1,313
Survey End Time (hhmm 24hr): 1,318
Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet



Incidental species list:

EABL AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No
Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D



Field Data Sheet

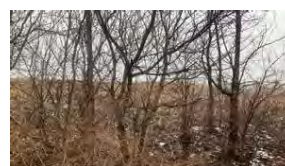
Survey Start Time (hhmm 24hr): 1,330

Survey End Time (hhmm 24hr): 1,335

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,337

Survey End Time (hhmm 24hr): 1,342

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

EUST AMCR BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,348

Survey End Time (hhmm 24hr): 1,353



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,357

Survey End Time (hhmm 24hr): 1,402



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

ROPI AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,425

Survey End Time (hhmm 24hr): 1,430



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,427

Survey End Time (hhmm 24hr): 1,432



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,435

Survey End Time (hhmm 24hr): 1,440



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

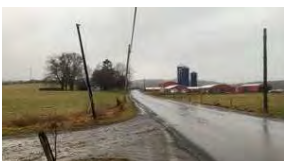
Survey Start Time (hhmm 24hr): 1,445

Survey End Time (hhmm 24hr): 1,450



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,453

Survey End Time (hhmm 24hr): 1,458



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

EUST AMCR UNDU

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 35

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)



Field Data Sheet

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Drizzle

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com

Submitted Time: January 24, 2023 7:38 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: January 24, 2023

Surveyor First and Last Name(s): Frank Simeone Alexis Laskowski

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,323

Survey End Time (hhmm 24hr): 1,328

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, BCCH, AMRO, EUST, ROPI, DOWO,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,334

Survey End Time (hhmm 24hr): 1,339

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, EUST, ROPI, BLJA, MALL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,354

Survey End Time (hhmm 24hr): 1,359

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,405

Survey End Time (hhmm 24hr): 1,410

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, AMGO,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,414

Survey End Time (hhmm 24hr): 1,424

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA PERCHED FLYING

Daytime Survey Stop

Daytime Survey Stop ID: D

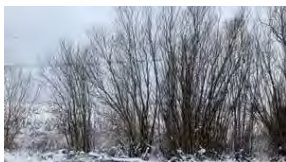
Survey Start Time (hhmm 24hr): 1,427

Survey End Time (hhmm 24hr): 1,434

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA FLYING

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,446

Survey End Time (hhmm 24hr): 1,455

Representative Photos (4; N,E,S,W):

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

AMRO,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,522

Survey End Time (hhmm 24hr): 1,528

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

AMRO,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 31

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: WSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: alaskowski@edrdpc.com
Submitted Time: February 2, 2023 4:45 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 2, 2023

Surveyor First and Last Name(s): Alexis Laskowski and Frank Simeone

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 28

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,337

Survey End Time (hhmm 24hr): 1,347

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Incidental species list:

AMCR RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Survey Start Time (hhmm 24hr): 1,353

Survey End Time (hhmm 24hr): 1,402

Representative Photos (4; N,E,S,W):



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Incidental species list:

WBNU EUST AMCR RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,407

Survey End Time (hhmm 24hr): 1,412

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,421

Survey End Time (hhmm 24hr): 1,426



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,430

Survey End Time (hhmm 24hr): 1,435



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,440

Survey End Time (hhmm 24hr): 1,450



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR RLHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,451

Survey End Time (hhmm 24hr): 1,456



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR RLHA RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

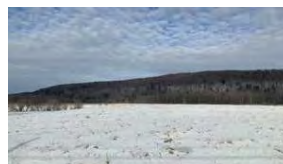
Survey Start Time (hhmm 24hr): 1,517

Survey End Time (hhmm 24hr): 1,522



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR ROPI EUST WTSP

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,525

Survey End Time (hhmm 24hr): 1,530



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

ROPI EUST AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,536

Survey End Time (hhmm 24hr): 1,541



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR CORA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 31

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: SSW



Field Data Sheet

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com
Submitted Time: February 7, 2023 4:46 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 7, 2023

Surveyor First and Last Name(s): Frank Simeone Alexis Laskowski

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 37

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,337

Survey End Time (hhmm 24hr): 1,342

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

AMCR, ROPI, EUST, MALL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,345

Survey End Time (hhmm 24hr): 1,351

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, EUST, ROPI, MALL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,359

Survey End Time (hhmm 24hr): 1,408

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RLHA FLYING

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,412

Survey End Time (hhmm 24hr): 1,417

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,424

Survey End Time (hhmm 24hr): 1,429

Representative Photos (4; N,E,S,W):



This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet

Incidental species list:

MODO, AMRO, EUST, DEJU

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,502

Survey End Time (hhmm 24hr): 1,507

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

DEJU, BCCH,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,512

Survey End Time (hhmm 24hr): 1,517

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR, AMRO, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,527

Survey End Time (hhmm 24hr): 1,532

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, EUST, AMRO, AMGO, ROPI, WITU

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 39

Wind Speed (mph): 13+ (Moderate to Strong Breeze; Large branches in motion)

Wind Direction: S

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: jkearney@edrdpc.com

Submitted Time: February 15, 2023 4:39 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 15, 2023

Surveyor First and Last Name(s): James Kearney, Alexis Laskowski

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 60

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: SSW

Cloud Cover: Mostly Clear (10-25%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,340

Survey End Time (hhmm 24hr): 1,345

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet



Incidental species list:

AMCR, EUST, ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

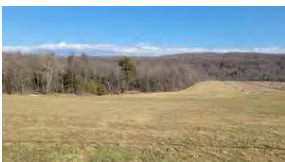


Field Data Sheet

Survey Start Time (hhmm 24hr): 1,348

Survey End Time (hhmm 24hr): 1,353

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

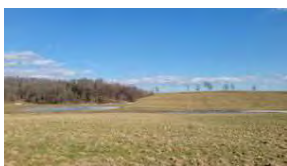


Field Data Sheet

Survey Start Time (hhmm 24hr): 1,400

Survey End Time (hhmm 24hr): 1,405

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Yes

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,409

Survey End Time (hhmm 24hr): 1,415



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,422

Survey End Time (hhmm 24hr): 1,427



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

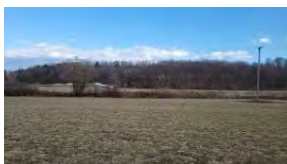
Survey Start Time (hhmm 24hr): 1,431

Survey End Time (hhmm 24hr): 1,436



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, ROPI, CORA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,444

Survey End Time (hhmm 24hr): 1,450

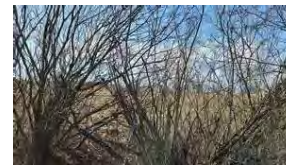


Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,453

Survey End Time (hhmm 24hr): 1,501



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, BCCH, RBNU

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,506

Survey End Time (hhmm 24hr): 1,514



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

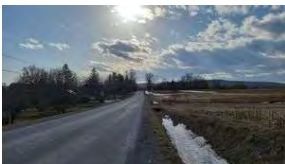
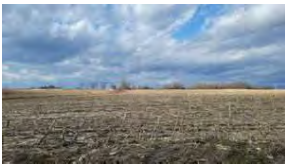
Survey Start Time (hhmm 24hr): 1,516

Survey End Time (hhmm 24hr): 1,522



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 64

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)



Field Data Sheet

Wind Direction: SSW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: alaskowski@edrdpc.com

Submitted Time: February 23, 2023 5:02 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: February 23, 2023

Surveyor First and Last Name(s): Alexis Laskowski and Frank Simeone

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 31

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Fog

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,349

Survey End Time (hhmm 24hr): 1,354

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

BLJA AMCR CANG

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,358

Survey End Time (hhmm 24hr): 1,403

Representative Photos (4; N,E,S,W):



Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

AMCR CANG RWBL EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,413

Survey End Time (hhmm 24hr): 1,418

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

RTHA BLJA ROP1

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,429

Survey End Time (hhmm 24hr): 1,434

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

BLJA AMCR RTHA CANG AMRO EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Also recorded an incidental RTHA perched while driving between H and I.

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,509

Survey End Time (hhmm 24hr): 1,515

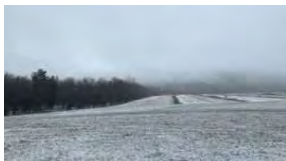
Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

AMCR RWBL EUST ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,520

Survey End Time (hhmm 24hr): 1,525

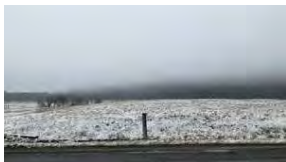
Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR CANG MALL EUST ROPI RWBL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,541

Survey End Time (hhmm 24hr): 1,546

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

CANG ROPI RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,551

Survey End Time (hhmm 24hr): 1,556

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

CANG RWBL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 31

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: SW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 3

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com
Submitted Time: March 2, 2023 5:08 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 2, 2023

Surveyor First and Last Name(s): Frank Smeone Alexis Laskowski

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 32

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: Fog

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,407

Survey End Time (hhmm 24hr): 1,413

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet



Incidental species list:

AMCR, CANG,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,416

Survey End Time (hhmm 24hr): 1,422

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, CANG, BCCH, ROPI,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,436

Survey End Time (hhmm 24hr): 1,444

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR, EUST, ROPI,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

2 RTHA Flying

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,450

Survey End Time (hhmm 24hr): 1,455



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, ROPI, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,301

Survey End Time (hhmm 24hr): 1,310



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA FLYING PERCHED

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,515

Survey End Time (hhmm 24hr): 1,520



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, RWBL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,527

Survey End Time (hhmm 24hr): 1,534



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR, WBNU

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

RTHA

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,539

Survey End Time (hhmm 24hr): 1,545



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

MODO, AMCR, NOCA, RWBL, COGR, EUST,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,553

Survey End Time (hhmm 24hr): 1,559



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

CANG, BCCH,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,601

Survey End Time (hhmm 24hr): 1,606



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

CANG, BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 33

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)



Field Data Sheet

Wind Direction: WSW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Fair (0.62-10 miles; mist or light/moderate precipitation)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 4

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: alaskowski@edrdpc.com
Submitted Time: March 8, 2023 5:19 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 8, 2023

Surveyor First and Last Name(s): Alexis Laskowski and Frank Simeone

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 29

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: NW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 7

Snow Crust Present? Yes

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,409

Survey End Time (hhmm 24hr): 1,414

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet



Incidental species list:

KILL AMCR RWBL ROPI RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,422

Survey End Time (hhmm 24hr): 1,427

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR WBNU ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,435

Survey End Time (hhmm 24hr): 1,440

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR ROPI EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,444

Survey End Time (hhmm 24hr): 1,449



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR ROPI EUST RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,503

Survey End Time (hhmm 24hr): 1,508



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

MALL AMCR ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,512

Survey End Time (hhmm 24hr): 1,517



Field Data Sheet

Representative Photos (4; N,E,S,W):



This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Incidental species list:

CANG AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,603

Survey End Time (hhmm 24hr): 1,608



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

CANG BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,612

Survey End Time (hhmm 24hr): 1,617



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

CANG RWBL COGR AMCR

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 28

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)



Field Data Sheet

Wind Direction: NW

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? Yes

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com
Submitted Time: March 17, 2023 11:45 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 16, 2023

Surveyor First and Last Name(s): Frank Simeone Alexis Laskowski

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 40

Wind Speed (mph): 8 - 12 (Gentle Breeze; Leaves and Small twigs in constant motion)

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 24

Snow Crust Present? No

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,508

Survey End Time (hhmm 24hr): 1,514

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,517

Survey End Time (hhmm 24hr): 1,522

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, ROPI, MALL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I



Field Data Sheet

Survey Start Time (hhmm 24hr): 1,527

Survey End Time (hhmm 24hr): 1,532

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR, CANG, EUST

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,536

Survey End Time (hhmm 24hr): 1,542



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

EUST, AMCR, CORA, ROPI, CANG

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,558

Survey End Time (hhmm 24hr): 1,604



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

CANG, AMCR, EUST, ROPI, AMRO, BCCH,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,611

Survey End Time (hhmm 24hr): 1,617



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, CANG, BCCH, UNGU

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,624

Survey End Time (hhmm 24hr): 1,630



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR, BCCH, CANG, DOWO, AMRO

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

Survey Start Time (hhmm 24hr): 1,634

Survey End Time (hhmm 24hr): 1,639



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

CANG, AMRO, AMCR, COGR, BCCH, RWBL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,647

Survey End Time (hhmm 24hr): 1,653



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR, MALL, ROPI, RWBL, COGR,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,657

Survey End Time (hhmm 24hr): 1,702



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR, ROPI, NOCA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 40

Wind Speed (mph): 8 – 12 (Gentle Breeze; Leaves and Small twigs in constant motion)



Field Data Sheet

Wind Direction: WNW

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 24

Snow Crust Present? No

Weather Notes:

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.



Field Data Sheet



Incidental species list:

AMCR ROPI RWBL RTHA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

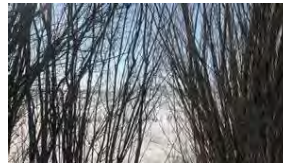


Field Data Sheet

Survey Start Time (hhmm 24hr): 1,601

Survey End Time (hhmm 24hr): 1,606

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

AMCR CORA MODO RWBL CANG

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,610

Survey End Time (hhmm 24hr): 1,615



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR EUST RWBL ROPI NOCA HOPI BCCH

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,622

Survey End Time (hhmm 24hr): 1,627



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

CORA RWBL AMCR BCCH ROPI

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,633

Survey End Time (hhmm 24hr): 1,638



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMRO AMCR BCCH RWBL EUST WITU KILL BLJA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

Survey Start Time (hhmm 24hr): 1,654

Survey End Time (hhmm 24hr): 1,659



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

ROPI AMCR EUST RWBL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

Survey Start Time (hhmm 24hr): 1,707

Survey End Time (hhmm 24hr): 1,712



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMRO AMCR RWBL ROPI RTHA MODO

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,719

Survey End Time (hhmm 24hr): 1,724



Field Data Sheet

Representative Photos (4; N,E,S,W):



Field Data Sheet



Incidental species list:

KILL AMCR RTHA RWBL AMRO ROPI CANG

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,730

Survey End Time (hhmm 24hr): 1,735



Field Data Sheet

Representative Photos (4; N,E,S,W):





Field Data Sheet



Incidental species list:

AMCR ROPI EUST RWBL

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 49

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: NW



Field Data Sheet

Cloud Cover: None (Clear)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 6

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com
Submitted Time: March 29, 2023 9:17 AM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: March 28, 2023

Surveyor First and Last Name(s): Frank Simeone Alexis Laskowski

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 38

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: W

Cloud Cover: Overcast (90-100%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes: Scattered snow patches

Daytime Survey Stop

Daytime Survey Stop ID: F

Survey Start Time (hhmm 24hr): 1,540

Survey End Time (hhmm 24hr): 1,546

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

AMCR, RWBL, CANG, CORA,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: E

Survey Start Time (hhmm 24hr): 1,553

Survey End Time (hhmm 24hr): 1,559

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, ROPI, EUST, AMRO, KILL, RWBL,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: D

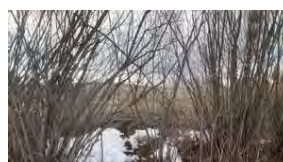
Survey Start Time (hhmm 24hr): 1,607

Survey End Time (hhmm 24hr): 1,614

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

AMCR, AMRO, ROPI, EUST, COGR, RWBL, CANG

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: C

Survey Start Time (hhmm 24hr): 1,618

Survey End Time (hhmm 24hr): 1,624

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

BCCH, AMRO, AMCR, RWBL, COGR, EUST,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: B

Survey Start Time (hhmm 24hr): 1,629

Survey End Time (hhmm 24hr): 1,635

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

RWBL, MODO, BCCH, CANG, AMCR, AMRO,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: A

Survey Start Time (hhmm 24hr): 1,639

Survey End Time (hhmm 24hr): 1,644

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, AMRO, ROPI, EUST, RWBL, KILL, SOSP,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: J

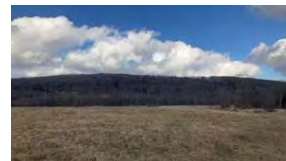
Survey Start Time (hhmm 24hr): 1,705

Survey End Time (hhmm 24hr): 1,710

Representative Photos (4; N,E,S,W):



Field Data Sheet





Field Data Sheet

Incidental species list:

AMCR, AMRO, RWBL, EUST, ROPI, MALL,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: I

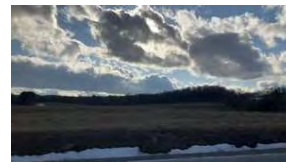
Survey Start Time (hhmm 24hr): 1,718

Survey End Time (hhmm 24hr): 1,724

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMCR, AMRO, RWBL, EUST, ROPI, MALL, CANG, MODO,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,735

Survey End Time (hhmm 24hr): 1,740

Representative Photos (4; N,E,S,W):





Field Data Sheet

Incidental species list:

AMCR, AMRO, CANG, EUST, ROPI, RWBL, NOCA

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,743

Survey End Time (hhmm 24hr): 1,748

Representative Photos (4; N,E,S,W):



Field Data Sheet



Field Data Sheet

Incidental species list:

AMRO, RWBL, AMCR, CORA, EUST, ROPI, NOCA, MODO,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

No

Were any Species of Special Concern Observed?

No

Were any SEOW or NOHA observed?

No

Were any Unlisted Raptor Species Observed?

Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

No

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 37

Wind Speed (mph): 4 – 7 (Light Breeze; Leaves rustle)

Wind Direction: WSW

Cloud Cover: Partly Cloudy (25% - 50%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 2

Snow Crust Present? No

Weather Notes:



Field Data Sheet

Winter Raptor Survey – Daytime Driving

Submitted By: fsimeone@edrdpc.com

Submitted Time: April 7, 2023 9:55 PM

Survey Information

Project Name: 21028 - Hoffman Falls

Survey Date: April 6, 2023

Surveyor First and Last Name(s): Frank Simeone

Survey Overall Notes:

Weather Conditions at Start of Survey

Temperature (F): 48

Wind Speed (mph): 1 – 3 (Light Air; Smoke drifts)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

Daytime Survey Stop

Daytime Survey Stop ID: G

Survey Start Time (hhmm 24hr): 1,755

Survey End Time (hhmm 24hr): 1,801

Representative Photos (4; N,E,S,W):



Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

KILL, CANG, RWBL, AMCR, COGR, AMRO, BCCH, TUTI, EAME, EUST, ROPI, NOFL, HAWO, SOSP,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
Yes

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:
RTHA TUVU FLYING

Daytime Survey Stop

Daytime Survey Stop ID: H

Survey Start Time (hhmm 24hr): 1,808

Survey End Time (hhmm 24hr): 1,814

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet



Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

AMRO, KILL, GBHE, COGR, RWBL, DEJU, NOFL, CANG, AMCR, EUST,

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?
No

Were any Species of Special Concern Observed?
No

Were any SEOW or NOHA observed?
No

Were any Unlisted Raptor Species Observed?
No

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?
No

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID:

Survey Start Time (hhmm 24hr):

Survey End Time (hhmm 24hr):

Representative Photos (4; N,E,S,W):

Winter Raptor Survey Data Sheet – Daytime Driving

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Field Data Sheet

Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

Were any Species of Special Concern Observed?

Were any SEOW or NOHA observed?

Were any Unlisted Raptor Species Observed?

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID:

Survey Start Time (hhmm 24hr):

Survey End Time (hhmm 24hr):

Representative Photos (4; N,E,S,W):



Field Data Sheet

Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

Were any Species of Special Concern Observed?

Were any SEOW or NOHA observed?

Were any Unlisted Raptor Species Observed?

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID:

Survey Start Time (hhmm 24hr):

Survey End Time (hhmm 24hr):

Representative Photos (4; N,E,S,W):

Incidental species list:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

Were any Species of Special Concern Observed?

Were any SEOW or NOHA observed?

Were any Unlisted Raptor Species Observed?

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID:

Survey Start Time (hhmm 24hr):

Survey End Time (hhmm 24hr):

Representative Photos (4; N,E,S,W):

Incidental species list:



Field Data Sheet

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

Were any Species of Special Concern Observed?

Were any SEOW or NOHA observed?

Were any Unlisted Raptor Species Observed?

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID:

Survey Start Time (hhmm 24hr):

Survey End Time (hhmm 24hr):

Representative Photos (4; N,E,S,W):

Incidental species list:

Bird Observations



Field Data Sheet

Were any Listed Species (Endangered/Threatened) observed?

Were any Species of Special Concern Observed?

Were any SEOW or NOHA observed?

Were any Unlisted Raptor Species Observed?

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID:

Survey Start Time (hhmm 24hr):

Survey End Time (hhmm 24hr):

Representative Photos (4; N,E,S,W):

Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?



Field Data Sheet

Were any Species of Special Concern Observed?

Were any SEOW or NOHA observed?

Were any Unlisted Raptor Species Observed?

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID:

Survey Start Time (hhmm 24hr):

Survey End Time (hhmm 24hr):

Representative Photos (4; N,E,S,W):

Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

Were any Species of Special Concern Observed?



Field Data Sheet

Were any SEOW or NOHA observed?

Were any Unlisted Raptor Species Observed?

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Notes for this stop:

Daytime Survey Stop

Daytime Survey Stop ID:

Survey Start Time (hhmm 24hr):

Survey End Time (hhmm 24hr):

Representative Photos (4; N,E,S,W):

Incidental species list:

Bird Observations

Were any Listed Species (Endangered/Threatened) observed?

Were any Species of Special Concern Observed?

Were any SEOW or NOHA observed?



Field Data Sheet

Were any Unlisted Raptor Species Observed?

Were any Other Species of Interest (i.e. Shrikes, Snow Buntings, Longspurs, and/or Pipits) Observed?

Notes for this stop:

Weather Conditions at End of Survey (only reported at last survey stop of the day)

Temperature (F): 48

Wind Speed (mph): 1 - 3 (Light Air; Smoke drifts)

Wind Direction: W

Cloud Cover: Mostly Cloudy (50% - 90%)

Visibility (miles): Good (10+ miles; clear)

Precipitation: None (Clear)

Estimated mean snow depth (inches): 0

Snow Crust Present? N/A (No Snow)

Weather Notes:

APPENDIX C

Winter Raptor Survey Observations

This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.

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